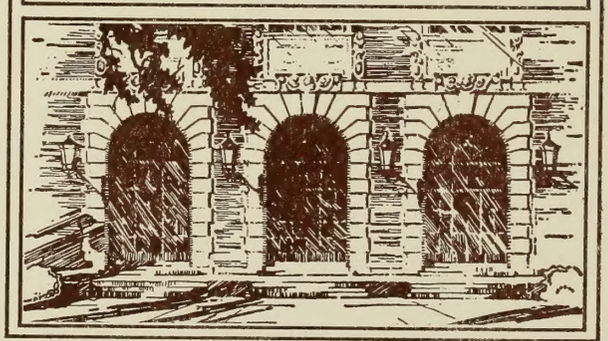
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ENDOCRINOLOGY INDEX

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ENDOCRINOLOGY INDEX

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and Metabolic Diseases

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Edited by *N. Victoria Ragin*

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PREFACE

The Endocrinology Index is a bimonthly publication of the National Institute of Arthritis and Metabolic Diseases. This selected bibliography which is produced from the National Library of Medicine's Medical Literature Analysis and Retrieval System (MEDLARS), has been initiated to supply those scientists working in the field of endocrinology with a much needed current awareness tool and is intended to help facilitate greater integration of research and clinical efforts in this field.

The National Institute of Arthritis and Metabolic Diseases is able to make available to qualified investigators in the field of endocrinology a limited number of free copies. Requests from qualified individuals to receive free copies of this publication, address changes, and other communications should be addressed to:

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Use of funds for printing this publication approved by the Director of the Bureau of the Budget on October 7, 1968.

Acknowledgment

The Endocrinology Index was compiled with the cooperation and assistance of the staff of the National Library of Medicine. The citations were processed by the Library's computer-based Medical Literature Analysis and Retrieval System (MEDLARS) and were printed from film composed by Graphic Arts Composing Equipment (GRACE), MEDLARS' high-speed phototypesetter.

EXPLANATION OF FORMAT

The period covered by this issue of the bibliography corresponds to the same months of Index Medicus. The journal coverage is limited to journals covered by Index Medicus, but the Endocrinology Index contains additional subject headings that are not included in Index Medicus. This Endocrinology Index is arranged in seven sections: 1) Table of Contents; 2) Subject Section; 3) Review Section; 4) Method Section; 5) Author Section; 6) Subject Index; and 7) Author Index.

Subject Section

This section is for the reader interested in recent literature related to certain broad topics. The subject section is divided into eight categories (pituitary, thyroid, etc.). The endocrine pancreas has not been included since it is the subject of another recurring bibliography, Diabetes Literature Index. Each category has a preconceived hierarchical organization of subject headings. A particular citation may appear more than once if it deals with multiple topics. Each citation to an article contains the full title, first author, and journal reference. If the article is written in a foreign language, the language is indicated. If the citation is to a review article, the number of references is given.

Author Section

This section provides the reader with a list of keywords or index terms assigned to each citation. In this section each article appears only once. The citations are arranged alphabetically according to first author and are numbered consecutively. These numbers are then used in the Author and Subject Indexes to enable the reader to identify references with ease. The complete citations (including index terms) are found in this section, but only the first three authors are listed. Foreign titles appear in the original language; these titles have been translated into English in the Subject Section. Following each citation are index terms which have been assigned to describe the contents of the article. Index terms appear in capital letters; some of these are accompanied by subheadings which appear in lower case letters; asterisks (*) identify the index terms under which articles appear in Index Medicus.

Subject Index

All of the index terms assigned to the citations appearing in the bibliography are listed, followed by citation numbers which correspond to the numbers in the Author Section. This section is included for the convenience of the reader who wishes to select articles falling in categories of his own conception. For example, one who is interested in protein binding of a particular hormone could quickly find whether there were any articles dealing with this subject by seeing whether there were any citation numbers common to the two headings "protein binding" and the name of the specific hormone.

Author Index

The names of all authors are listed, followed by citation numbers which correspond to the numbers in the Author Section.

Citations from the July and August biweekly issues of the NLM Current Catalog are listed here. These are citations to publications, catalogued by the National Library of Medicine or one of its cooperative cataloging partners, which have an imprint date of the current or two preceding years. Citations include the price of the publication (in dollars) whenever this information is available.

ADRENAL GLAND DISEASES

Staffieri, Juan José. Corticosuprarrenal, fisiopatología, diagnóstico, tratamiento, con un apéndice: consideraciones generales sobre el empleo de los corticoides y la adrenocorticotrofina en clínica médica. Buenos Aires, Editorial Médica Panamericana [1967] 267 p. illus.
DNLM: WK 760 S779c 1967 Cit. No. 161352

Glenn, Frank, 1901- Surgery of the adrenal gland [by] Frank Glenn, Ralph E. Peterson [and] Henry Mannix, Jr. New York, Macmillan [1968] ix, 179 p. illus.
DNLM, SUNY: WK 790 G558s 1968
Cit. No. 134654

ANDROGENS

Vida, Julius A. Androgens and anabolic agents; chemistry and pharmacology. New York, Academic Press, 1969. x, 327 p. illus.
DNLM: WK 150 V648a 1969 Cit. No. 160462

CHROMATOGRAPHY

Smith, Ivor, ed. Chromatographic and electrophoretic technics. 3d ed. [London] Heinemann [c1969]- v. illus., plates SBN: 433-30503-7. Contents: - v. 1. Chromatography.
SUNY: QD 271 S649c Cit. No. 156431

CHROMATOGRAPHY, THIN LAYER

Haywood, B. J. Thin-layer chromatography; an annotated bibliography 1964-1968. A 1,000 reference bibliography of especially selected useable abstracts including book section, instant thin-layer chromatography, and electrophoresis. [Ann Arbor, Mich., Ann Arbor Science Publishers, c1968] 284 p.
DNLM: Z 5524.C55 H427t 1964-68
Cit. No. 161111

CONTRACEPTIVES, ORAL

Odeblad, Erik. Biophysical investigations in oral contraception with special regard to some effects of Conluten and Conlunett. Umea, 1969. 53 p. illus. (Acta obstetricia et gynecologica Scandinavica, v. 47, suppl. 8)
DNLM: W1 AC8732 v. 47 suppl.8 1968
Cit. No. 155536

Kistner, Robert William, 1917- The pill; facts and fallacies about today's oral contraceptives. New York, Delacorte [c1969] xviii, 329 p. (Seymour Lawrence book)
MBCO: QV 177 K61p 1969 Cit. No. 157016

CRYPTORCHISM

Viktorov, Ivan. Kriptorkhizŭm [ot] Iv. Viktorov, T. Patrashkov [i] Ts. Markov. Sofiia, Meditsina i fizkultura, 1969. 140 p. illus. (Selecta medica, g. 3 [br.] 5) Summaries in English and Russian.
DNLM: W1 SE319 g.3 br.5 1969 Cit. No. 160203

DIABETES MELLITUS

Diabetes index and abstracts. Mar. 1969- Copenhagen, Novo industri A/S. v. Called also DIA. Text in English, German, or French.
DNLM: ZWK 810 D5365 Cit. No. 156665

Investigative issues in diabetes mellitus. Guest editor: Rubin Bressler. [Chicago, American Medical Assn., 1969] p. 219-322. illus. (Archives of internal medicine symposia, v. 1)
DNLM: W1 AR455BG v.1 1969 Cit. No. 155220

Tonyobyogaku no shinpo. [Advances in diabetes mellitus. shu 1- 1967- Tokyo] Shindan to Chiryosha. v. illus. Proceedings of 2d?- panel discussions on advances in diabetes mellitus sponsored by Japan Diabetic Society.
DNLM: W3 TO49 Cit. No. 155415

ENDOCRINE DISEASES

Castro Aranda, Enrique. Guía práctica de exploración endocrina. Lima [1968] 204 p. illus.
DNLM: WK 100 C355g 1968 Cit. No. 156354

Decourt, Jacques. Les maladies endocriniennes. [2. éd.] Paris, Presses universitaires de France, 1969. 128 p. ("Que sais-je?" Le point des connaissances actuelles, no 1342)
DNLM: WK 100 D297m 1969 Cit. No. 156570

Mashali, Mohamed M. Short notes on medicine: endocrinopathy. [Cairo, 1969] 39 leaves.
DNLM: WK 100 M397s 1969 Cit. No. 161530

ENDOCRINE GLANDS

James, V. H. T., ed. Recent advances in endocrinology. 8th ed. Boston, Little, Brown, 1968. ix, 334 p. illus. SBN 7000-1382-2. 7th ed. edited by P. M. F. Bishop.
DNLM: WK 100 J29r 1968 Cit. No. 161520

Matsumura, Tadaki, ed. Shinseiji to horumon. [Neonatal endocrinology. Editor: Tadaki Matsumura. Contributors: Shigeru Hatakeyama, et al. Tokyo] Igaku Shoin [1968] 2, 3, 157 p. illus. (Shinseijigaku sosho, 11) Added title page in English.
DNLM: WS 420 S556 maki 11 1968
Cit. No. 156076

ESTROGENS

Davis, M. Edward, 1899- A doctor discusses menopause and estrogens, by M. Edward Davis, with Dona Z. Meilach. Chicago, Budlong Press, c1969. 90 p. illus.
DNLM: W6 P3 Cit. No. 157716

GONADOTROPINS

Shearman, Rodney P. Induction of ovulation. Springfield, Ill., Thomas [c1969] xi, 142 p. illus. (American lecture series, no. 747. American lectures in living chemistry)
DNLM: WP 540 S539i 1969 Cit. No. 160600

GONADOTROPINS, CHORIONIC

Isaac, Jean Pierre. Le diagnostic immunologique de la grossesse; applications cliniques et biologiques. 1. éd. Paris, Istra [1969] 367 p. illus.
DNLM: QY 335 I73d 1969 Cit. No. 161736

GYNECOLOGIC DISEASES

Milcu, Ştefan M. Endocrinologie ginecologică, de Şt. M. Milcu şi Aneta Dănilă-Muster. Bucureşti, Editura Academiei Republicii Socialiste România, 1968. 433 p. illus.
DNLM: WP 520 M639e 1968 Cit. No. 155356

HORMONES

Barrington, Ernest James William. Perspectives in endocrinology; hormones in the lives of lower vertebrates, edited by E. J. W. Barrington and C. Barker Jørgensen. London, New York, Academic Press, 1968. xvi, 583 p. illus.
DNLM, MBCO: QL 868 B276p 1968
Cit. No. 145510

Clegg, Patricia Catherine. Hormones, cells and organisms; the role of hormones in mammals [by] P. Catherine Clegg and Arthur G. Clegg. Stanford, Calif., Stanford Univ. Press, 1969. 214 p. illus.
DNLM: WK 102 C624h 1969 Cit. No. 154663

Ufer, Joachim. The principles and practice of hormone therapy in gynaecology and obstetrics. [1st English ed.] Berlin, W. de Gruyter, 1969 [c1968] viii, 147 p. illus. Translation of the 3d German ed. of Hormontherapie in der Frauenheilkunde.
DNLM, MBCO: WP 650 U23h 1968
Cit. No. 151572

Ruiz, Vicente, 1902- Hormonoterapia en ginecología [por] Vicente Ruiz y colaboradores. Buenos Aires, Médica Panamericana, 1967. 399 p. illus.
DNLM: WP 650 R934h 1967 Cit. No. 157747

IMMUNOCHEMISTRY

Nowotny, Alois. Basic exercises in immunochemistry; a laboratory manual. New York, Springer, 1969. viii, 197 p. illus.
DNLM: QW 525 N948b 1969 Cit. No. 156103

IMMUNOELECTROPHORESIS

Schneider, Waldemar. Praktikum und Atlas der Immunelektrophorese [von] Waldemar Schneider [und] Helmut Berndt. München, Lehmann [1969] 88 p. illus.
DNLM: W6 P3 Cit. No. 156426

NEUROPHYSIOLOGY

Yamada, Ritsuji. Shinkei naibunpi to rinsho. [Clinical neuroendocrinology. Tokyo] Chugai Igakusha [Showa 43 nen, 1968] 3, 6, 188 p. illus. (Chugai igaku sosho)
DNLM: WK 102 Y19s 1968 Cit. No. 156000

OVARIAN NEOPLASMS

Annual Clinical Conference on Cancer, M. D. Anderson Hospital and Tumor Institute, Houston, Tex., 11th, 1966. Cancer of the uterus and ovary. Chicago, Year Book Medical Publishers [c1969] 353 p. illus.
DNLM: W3 AN6255 1966c
MBCO: WP 460 A615c 1966 Cit. No. 152005

OVARY

Conference on Ovarian Physiopathology, Florence, 1968? Endocrinologic and morphologic correlations of the ovary. The Florentine Conference. Compiled and edited by Wladimiro Ingiulia and Robert B. Greenblatt. Springfield, Ill., Thomas [c1969] xiv, 309 p. illus.
DNLM: WP 320 C748e 1968 Cit. No. 157713

PITUITARY HORMONES, ANTERIOR

Colloque sur les "perspectives d'approvisionnement et d'utilisation des hormones hypophysaires," Paris, 1967. Perspectives d'approvisionnement et d'utilisation des hormones hypophysaires; colloque tenu à Paris le 15 décembre 1967 sous le présidence de MM: les professeurs de Gennes et Royer. Paris [1968] 107 p. illus. (Institut national de la santé et de la recherche médicale. Colloques, no 3)
DNLM: W1 IN508K no.3 1967 Cit. No. 156566

PLACENTA

Examens-spørgsmål i anatomi og histologi. Oversigt over placenta. Regioner. Muskeloversigt [af Kaare Weismann. Redaktion og tilrettelaegning: Flemming Gylling] København, F. A. D. L's forlag [1968] 12, [23] p. Last two sections issued also in Anatomisk opgave-samling. Regioner. Muskeloversigt.
DNLM: QS 18 E96 1968 Cit. No. 161306

International Symposium on Foeto-Placental Unit, Milan, 1968. The Foeto-placental unit; proceedings. Editors: A. Pecile and C. Finzi. Amsterdam, Excerpta Medica Foundation, 1969. ix, 425 p. illus. (Excerpta medica. International congress series, no. 183)
DNLM: W3 EX89 no.183 1968 Cit. No. 161517

PROGESTERONE

Erb, Heinz. Zur hormonalen Regulation der Tubenmotilität; In-vitro-Versuche an menschlichen Tuben. Basel, New York, Karger, 1969. vi, 87 p. illus. (Bibliotheca gynaecologica, fasc. 51) Fortschritte der Geburtshilfe und Gynäkologie, v. 38.
DNLM: W1 BI397 fasc.51 1969 Cit. No. 156577

RADIOISOTOPES

Diagnostic uses of radioisotopes in medicine. London, Hospital Medicine Publications, 1969. 104 p. illus.
DNLM: WN 445 D536 1969 Cit. No. 161414

RENIN

Lee, Michael Radcliffe. Renin and hypertension; a modern synthesis. London, Lloyd-Luke, 1969. viii, 224 p. illus. SBN 85325-065-5.
DNLM: WG 340 L479r 1969 Cit. No. 157023

SEX CHROMOSOME ABNORMALITIES

Carlizza, Luigi. La ricerca cromosomica nelle malformazioni congenite di interesse medico-sociale. Roma, Istituto italiano di medicina sociale, 1968. 74 p. illus. (Collana di studi sui problemi medico-sociali, 69)
DNLM: W1 CO1674 n.69 1968 Cit. No. 157773

Rashad, M. Nabil, ed. Selected topics on genital anomalies and related subjects, compiled and edited by M. Nabil Rashad and W. R. M. Morton. Springfield, Ill., Thomas [c1969] xvi, 931 p. illus.
DNLM: WJ 101 R224s 1969 Cit. No. 157746

SEX DIFFERENTIATION DISORDERS

Sociedad Chilena de Sexología Antropológica. Cambio de sexo; puntos de vista antropológico, biológico, embriológico, genético, clínico endocrinológico, psiquiátrico, religioso católico y jurídico, con un apéndice sobre correcciones quirúrgicas [por] Osvaldo Quijada [et al.] Buenos Aires, 1968. 114 p. illus. (Colección de antropología sexual)
DNLM: WJ 712 S678c 1968 Cit. No. 155624

SPECTROPHOTOMETRY

Stearns, E. I., 1911- The practice of absorption spectrophotometry. New York, Wiley-Interscience [c1969] x, 353 p. illus.
DNLM: QD 117.P5 S799p 1969 Cit. No. 156732

THYROID DISEASES

Klein, Erich. Die Schilddrüse; Diagnostik und Therapie ihrer Krankheiten. Berlin, New York, Springer, 1969. viii, 158 p. illus.
DNLM: WK 200 K64s 1969 Cit. No. 156074

Pittman, James Allen, 1927- ed. Treatment of thyroid diseases; guest editor: James A. Pittman. Special article: Treatment of vertigo [by] Myron W. Frederic, Wallace Rubin, and Robert J. Wolfson. [New York] Hoeber, 1969. p. 435-628. illus. (Modern treatment, v. 6, no. 3)
DNLM: W1 MO172S v.6 no.3 1969 Cit. No. 157444

TECHNICAL REPORTS - SUBJECT SECTION

Requests for technical reports should be directed to the sponsoring agency or to the Clearinghouse for Federal Scientific and Technical Information. If not available from either of these sources, NLM will lend its copy, as it does with monographs, in response to Interlibrary Loan requests.

ADRENAL GLANDS

Universidad Peruana Cayetano Heredia, Lima (Peru) Inst. de Investigaciones de la Altura. The role of adrenal cortex in the process of acclimatization to high altitudes; final report, no. 4, 1 November 1967 to 31 January 1969. Federico Moncloa. Lima, 1969. 22 p. Microfiche.
TRL DAHC-19- 68-G-0003 1969 Cit. No. 160651

CORTICOTROPIN

North Carolina Univ., Chapel Hill. Dept. of Pharmacology. Hypothalamic secretory factor for adrenocorticotropic hormone; final technical report, 16 August 1966 to 15 August 1967. Paul L. Munson. Chapel Hill, 1967. 2 p. Microfiche.
TRL AFOSR- 68-2333 1967 Cit. No. 155056

HYPOTHALAMUS

Kanazawa Univ. (Japan) Dept. of Physiology. Neuronal activities in the regulation of feeding; final report, December 1968. Yutaka Oomura. Kanazawa, 1968. 19 p. Microfiche.
TRL ARDG-FE- J-195-8 1968 Cit. No. 160623

STEROIDS

Radiation Research Associates, inc., Fort Worth, Tex. Physiochemical tissue changes following irradiation; annual progress, report, 1 February 1967. B. L. Reynolds. Fort Worth, 1967. 38 p. Microfiche.
TRL RRA- C-71 1967 Cit. No. 155045

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PITUITARY GLAND

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Amer J Dis Child 118:45-8, Jul 69

Thin-layer electrophoresis of ribonucleotides. Monjardino JP. **Anal Biochem** 28:313-7, 4 Apr 69

Purification of chicken pituitary follicle-stimulating hormone and luteinizing hormone. Hartree AS, et al. **J Endocr** 43:609-16, Apr 69

Alternate-day prednisone therapy. Evaluation of delayed hypersensitivity responses, control of disease and steroid side effects. MacGregor RR, et al. **New Eng J Med** 280:1427-31, 26 Jun 69

Pituitary control of erythropoiesis. Lindemann R, et al. **Scand J Haemat** 6:77-86, 1969

ANALYSIS

Isolation of gamma-lipotropic hormone from porcine pituitary glands. Gráf L, et al.
Biochim Biophys Acta 175:444-7, Mar 69

Isolation from human pituitary glands of three discrete electrophoretic components with high luteinizing hormone activity. Peckham WD, et al.
Endocrinology 85:618-22, Sep 69

Inhibition of growth and width of tibial cartilage in rats by a contraceptive agent. Husain SM, et al.
Growth 33:17-24, Mar 69

Influence of pineal gland principles on gonadotrophin-producing cells of the rat anterior pituitary gland: an electron microscopic study. Clementi F, et al. **J Endocr** 44:241-6, Jun 69

Lipolysis in chicken adipose tissue: a correction. Hartree AS, et al. **J Endocr** 44:287-8, Jun 69

Prolactin activity and human growth hormone in pharyngeal hypophyses from embalmed cadavers. McGrath P. **J Endocr** 42:205-12, Oct 68

Changes in the lipid composition of anterior hypophysis, blood plasma and liver. II. Histological changes in the anterior hypophysis; in the foetus and its dam in the bovine. Ahluwalia B, et al.
J Reprod Fertil 18:391-8, Apr 69

Pituitary LH content and reproductive tract changes during the mouse oestrous cycle. Bingel AS, et al.
J Reprod Fertil 19:215-22, Jul 69

Cytological deterioration in the adenohypophysial gonadotrophs of Bufo melanostictus during hibernation. Chatterjee A.
J Reprod Fertil 18:165, Feb 69

Pituitary levels of FSH and LH at various intervals after ovariectomy in the rat. Labhsetwar AP.
J Reprod Fertil 18:531-3, Apr 69

Pituitary LH content during delayed and post-implantation periods in the armadillo (Dasypus novemcinctus). Labhsetwar AP, et al.
J Reprod Fertil 18:383-9, Apr 69

Reproductive physiology of the post partum cow. II. Pituitary, adrenal and thyroid function. Wagner WC, et al. **J Reprod Fertil** 18:501-8, Apr 69

Isolation of oestradiol "receptors" from bovine hypothalamus and anterior pituitary gland. Kahwanago I, et al.
Nature (London) 223:313-4, 19 Jul 69

Amino and carboxy-terminal sequences of ovine lactogenic hormone. Li CH, et al.
Nature (London) 222:1268-9, 28 Jun 69

Effects of thyroxine and thiouracil on hypothalamic PIF and pituitary prolactin levels. Chen CL, et al.
Proc Soc Exp Biol Med 131:576-8, Jun 69

Restoration of pituitary lactogen released in response to suckling. Convey EM, et al.
Proc Soc Exp Biol Med 131:543-6, Jun 69

Relationship of pituitary prolactin and LH to mammary and uterine growth of pubertal rats during the estrous cycle. Sinha YN, et al.
Proc Soc Exp Biol Med 131:908-12, Jul 69

[Zoologic specificity of pituitary proteins capable of stimulating the thyroid gland] Fontaine YA.
Acta Endocr (Kobenhavn) 60:Suppl 136:1+, 1969 (Fre)

[The endocrinology of puberty and adolescence. Prolactin] Okamoto R.
Clin Endocr (Tokyo) 17:79-86, Feb 69 (53 ref.) (Jap)

ANATOMY & HISTOLOGY

Effect of pre-pubertal gonadectomy and treatment with sex hormones on body growth, weight of organs and skin collagen of hamsters. Kowalewski K.
Acta Endocr (Kobenhavn) 61:48-56, May 69

Changes in the lipid composition of anterior hypophysis, blood plasma and liver. II. Histological changes in the anterior hypophysis; in the foetus and its dam in the bovine. Ahluwalia B, et al.
J Reprod Fertil 18:391-8, Apr 69

Pituitary LH content and reproductive tract changes during the mouse oestrous cycle. Bingel AS, et al.
J Reprod Fertil 19:215-22, Jul 69

Relationships between the pineal gland and the gonads of single and parabiosed golden hamsters. Seibel HR, et al. **J Reprod Fertil** 18:179, Feb 69

Light-microscope studies of the cytology of the adenohypophysis of the white-crowned sparrow, Zonotrichia leucophrys gambelii. Matsuo S, et al.
Z Zellforsch 95:143-76, 1969

BLOOD SUPPLY

Necrosis of anterior pituitary in humans. II. Kovács K.
Neuroendocrinology 4:201-41, 1969 (263 ref.)

CYTOLOGY

Histological study of the hypophysis of the transylvanian lamprey (Eudontomyzon danfordi Regan). Molnár B, et al.
Acta Biol Acad Sci Hung 19:373-9, 1968

Differentiation of growth hormone- and prolactin-containing acidophils with peroxidase-labeled antibody. Baker BL, et al.
Anat Rec 164:163-71, Jun 69

Influence of pineal gland principles on gonadotrophin-producing cells of the rat anterior pituitary gland: an electron microscopic study. Clementi F, et al. **J Endocr** 44:241-6, Jun 69

Mitotic activity in the adenohypophysis of pregnant and lactating rabbits. Allanson M, et al.
J Reprod Fertil 19:121-31, Jun 69

Pheromone induced changes in the concentration of anterior pituitary acidophils. Avery TL.
J Reprod Fertil 18:161, Feb 69

Cytological deterioration in the adenohypophysial gonadotrophs of Bufo melanostictus during hibernation. Chatterjee A.
J Reprod Fertil 18:165, Feb 69

Quantitative evaluation of changes in anterior pituitary acidophil concentration. Johnson WW, et al.
J Reprod Fertil 18:169-70, Feb 69

Hypothalamic neurosecretion and metamorphosis in Xenopus laevis. 3. The effect of an interruption of

thyroid hormone synthesis. Goos HJ.
Z Zellforsch 92:583-7, 1968

Light-microscope studies of the cytology of the adenohypophysis of the white-crowned sparrow, Zonotrichia leucophrys gambelii. Matsuo S, et al.
Z Zellforsch 95:143-76, 1969

The ACTH cells in the adenohypophysis of the Mexican cave fish Anoptichthys jordani, as identified by metopirone (SU 4885) treatment. Mattheij JA.
Z Zellforsch 92:588-95, 1968

Ultrastructure of pituitary lactotropic cells of oestrogen treated male rats. Pantić V, et al.
Z Zellforsch 95:280-9, 1969

[Effects of castration performed during pregnancy on the structure of the rat pituitary] Desclin L, et al.
Ann Endocr (Paris) 29:461-4, Jul-Aug 68 (Fre)

[Optic and electron microscopical research on the anterior pituitary somatotgropic cells of the golden hamster (Mesocricetus auratus Waterh)] Girod C, et al. C R Acad Sci [D] (Paris) 268:2361-3, 12 May 69 (Fre)

[Influence of antiovulatory agents in the proestral phase of the ovarian cycle on the excretory the rats anterior hypophysis] Roos J.
Z Zellforsch 95:347-60, 1969 (Fre)

[Morphological alterations in the diencephalon and telencephalon following disturbances to the feedback mechanism adenohypophysis-adrenal cortex. 3. Studies on the guinea pig after administration of cortisone and hydrocortisone] Mühlen K aus der, et al.
Z Zellforsch 93:126-41, 1969 (Ger)

DRUG EFFECTS

Effect of carbon tetrachloride on gonadal physiology in female rats. Chatterjee A.
Acta Anat (Basel) 71:82-6, 1968

Effect of exogenous thyroxine on 3H-thymidine uptake in mouse pituitary gland. Messier B.
Acta Endocr (Kobenhavn) 61:133-6, May 69

Effects of dopamine on reproductive processes and fetal developmnt in rats. Samojlik E, et al.
Amer J Obstet Gynec 104:578-85, 15 Jun 69

Effect of conjugated oestrogen upon gonadotrophin excretion patterns in fetile women. Kaivola S, et al.
Ann Chir Gynaec Fenn 57:596-602, 1968

Effect of corticotropin-releasing factor, dexamethasone and actinomycin D on the release of ACTH from rat pituitaries in vivo and in vitro. Arimura A, et al. Endocrinology 85:300-11, Aug 69

Depression of thyrotropin releasing factor induction of thyrotropin release by throxine in small doses. Averill RL. Endocrinology 85:67-71, Jul 69

Effect of GH-releasing factor and GH-inhibiting factor on the release and concentration of GH in pituitaries incubated in vitro. Krulich L, et al.
Endocrinology 85:319-24, Aug 69

Inhibition by dexamethasone of the in vivo pituitary response to corticotropin-releasing factor (CRF). Russell SM, et al. Endocrinology 85:512-21, Sep 69

Possible role of dopamine as transmitter to promote discharge of LH-releasing factor. Schneider HP, et al.
Endocrinology 85:121-32, Jul 69

Dexamethasone suppression of ACTH release: effect of the interval between steroid administration and the application of stimuli known to release ACTH. Sirett NE, et al. Endocrinology 85:355-9, Aug 69

Inhibition of growth and width of tibial cartilage in rats by a contraceptive agent. Husain SM, et al.
Growth 33:17-24, Mar 69

Ultrastructural changes in the adenohypophysis of hypothyroid rabbits. Foster CL, et al.
J Endocr 44:273-7, Jun 69

Effects of prolonged feeding of an ovulation inhibitor (Lyndiol) on ageing of the hypothalamic-ovarian axis and pituitary gland tumorigenesis in rats. Zeilmaker GH. J Endocr 43:xxi-xxii, Jan 69

Effects of intravenous cupric sulphate on hypophysial activity in the female rat. Hiroi M, et al.
J Reprod Fertil 18:439-44, Apr 69

Quantitative evaluation of changes in anterior pituitary acidophil concentration. Johnson WW, et al.
J Reprod Fertil 18:169-70, Feb 69

Effect of biogenic amines and other substances on the release of follicle stimulating hormone by pituitaries incubated in vitro. Kamberi I, et al.
J Reprod Fertil 18:153, Feb 69

Effect of the urinary gonadotropin inhibitor on endogenous and exogenous gonadotrophin. Hipkin LJ.
Nature (London) 221:473-4, 1 Feb 69

Effects of thyroxine and thiouracil on hypothalamic PIF and pituitary prolactin levels. Chen CL, et al.
Proc Soc Exp Biol Med 131:576-8, Jun 69

Biological profile of quingestanol acetate. Giannina T, et al. Proc Soc Exp Biol Med 131:781-9, Jul 69

Hypothalamic neurosecretion and metamorphosis in Xenopus laevis. 3. The effect of an interruption of thyroid hormone synthesis. Goos HJ.
Z Zellforsch 92:583-7, 1968

The ACTH cells in the adenohypophysis of the Mexican cave fish Anoptichthys jordani, as identified by metopirone (SU 4885) treatment. Mattheij JA.
Z Zellforsch 92:588-95, 1968

Ultrastructure of pituitary lactotropic cells of oestrogen treated male rats. Pantić V, et al.
Z Zellforsch 95:280-9, 1969

[Layered abscess of the leg after phleboscierosis: complication of septicemia of dental origin] Dugois P, et al. Lyon Med 219:1849-51, 29 Dec 68 (Fre)

[Progestational hormones in the treatment of gynecologic cancers] Soutoul JH, et al.
Presse Med 77:247-9, 8 Feb 69 (Fre)

phase of the ovarian cycle on the excretory gonadotropic activity of the beta- and gamma-cells in the rats anterior hypophysis] Roos J.
Z Zellforsch 95:347-60, 1969 (Fre)

[The effect of benzene fumes on the functional activity of the hypophysis, adrenals and ovaries of white rats under experimental conditions] Matysiak VG.
Gig Sanit 33:98-100, Sep 68 (Rus)

EMBRYOLOGY

Transfilter influence of brain tissue on the differentiation of the stomodeal epithelium in vitro. Doskočil M. Ann Med Exp Biol Fenn 46:288-92, 1968

Ontogenesis of immunoreactive growth hormone, follicle-stimulating hormone, thyroid-stimulating hormine, luteinizing hormone, chorionic prolactin and chorionic gonadotropin in the human conceptus. Gitlin D, et al. J Clin Endocr 29:926-35, Jul 69

[Inductive influence exercised by the encephalic plate on the adenohypophyseal rudiment during early stages of chick embryo development] Ferrand R.
C R Acad Sci [D] (Paris) 268:550-3, 20 Jan 69 (Fre)

ENZYMOLOGY

Differentiation of growth hormone- and prolactin-containing acidophils with peroxidase-labeled antibody. Baker BL, et al.
Anat Rec 164:163-71, Jun 69

GROWTH & DEVELOPMENT

Post-natal development of rat pituitary melanocyte-stimulating hormone and the effect of light. Howe A, et al.
Nature (London) 222:781, 24 May 69

METABOLISM

Histological study of the hypophysis of the transylvanian lamprey (Eudontomyzon danfordi Regan). Moinár B, et al.
Acta Biol Acad Sci Hung 19:373-9, 1968

Evaluation of the role of the feedback effect of corticosteroids in the control of pituitary ACTH release. Bohus B.
Acta Physiol Acad Sci Hung 35:141-8, 1969

Animal cell cultures as a source of hormones. Tashjian AH Jr. Biotechn Bioengin 11:109-26, Mar 69

Uptake and retention of tritiated estradiol in brain and peripheral tissues of male, female and neonatally androgenized female rats. Green R, et al.
Endocrinology 85:373-8, Aug 69

Effect of GH-releasing factor and GH-inhibiting factor on the release and concentration of GH in pituitaries incubated in vitro. Krulich L, et al.
Endocrinology 85:319-24, Aug 69

Effect of actinomycin D on the inhibitory response of estrogen on LH release. Schally AV, et al.
Endocrinology 85:290-9, Aug 69

Ontogenesis of immunoreactive growth hormone, follicle-stimulating hormone, thyroid-stimulating hormine, luteinizing hormone, chorionic prolactin and chorionic gonadotropin in the human conceptus. Gitlin D, et al. J Clin Endocr 29:926-35, Jul 69

Relationship of pituitary prolactin and LH to mammary

and uterine growth of pubertal rats during the estrous cycle. Sinha YN, et al.
Proc Soc Exp Biol Med 131:908-12, Jul 69
Estradiol: specific binding by pituitary nuclear fraction in vitro. Leavitt WW, et al. **Science** 165:496-8, 1 Aug 69
[Studies on the origin of histamine in the cat pituitary] Lippert TH, et al.
Naunyn Schmiedeberg Arch Pharm Exp Path 260:170-1, 1968 (Ger)

PATHOLOGY

Changes in trace elements and enzyme activities in tissues of zinc-deficient pigs. Prasad AS, et al.
Amer J Clin Nutr 22:628-37, May 69
Gonadotropin secreting giant cell carcinoma of the lung. Dailey JE, et al. **Cancer** 24:388-96, Aug 69
Ultrastructural changes in the adenohypophysis of hypothyroid rabbits. Foster CL, et al.
J Endocr 44:273-7, Jun 69
Necrosis of anterior pituitary in humans. II. Kovács K.
Neuroendocrinology 4:201-41, 1969 (263 ref.)
[Electron microscopic studies of the adenohypophysis following ventromedial hypothalamic lesions in rats] Themann H, et al.
Beitr Path Anat 139:37-58, 1969 (Ger)
[Microscopic and submicroscopic structures of the anterior lobe of the hypophysis in radiation sickness caused by Sr90] Khomutovskiĭ OA.
Med Radiol (Moskva) 12:77-9, Feb 67 (Rus)

PHYSIOLOGY

Glycoproteins and mucopolysaccharides in the methylcellulose treated rat. Benkö S, et al.
Acta Med Acad Sci Hung 26:93-101, 1969
The adrenal weight of mice with spontaneous adrenocortical lipid depletion. A comparison with untreated, ACTH- and dexamethasone-treated C57B1 mice. Moine K.
Acta Path Microbiol Scand 75:37-50, 1969
Histometric studies on the adrenal cortex of mice with spontaneous adrenocortical lipid depletion. A comparison with dexamethasone- and ACTH-treated C57B1 mice. Moine K.
Acta Path Microbiol Scand 75:51-63, 1969
The metopirone test in hypophysectomized dogs with salivary or adrenal gland transplants. Alvarez-Buylla R, et al. **Acta Physiol Lat Amer** 17:253-7, 1967
Potassium and milieu intérieur of bone. Canas F, et al.
Amer J Physiol 217:117-20, Jul 69
Ovarian function after hypophysial stalk transection in the cow. Henricks DM, et al.
Amer J Physiol 216:1213-8, May 69
Maintenance of gestation in hypophysectomized rats with highly purified pituitary hormones. Ahmad N, et al. **Anat Rec** 164:291-303, Jul 69
Sex differences in hyperphagia and body weight following hypothalamic damage. Valenstein ES, et al.
Ann NY Acad Sci 157:1030-48, 15 May 69
The physiological significance of kinekard. Lowe TE.
Aust Ann Med 18:108-12, May 69
Chemical and biological characterization of methylated bovine growth hormone. Liberti JP, et al.
Biochim Biophys Acta 181:176-83, May 69
Metabolic and electrophoretic studies of rat liver sorbitol dehydrogenase. Murray RK, et al.
Canad J Biochem 47:587-93, Jun 69
Effect of growth hormone and thyroxinon isometric contractile mechanics of cardiac muscle. Minelli R, et al. **Canad J Physiol Pharmacol** 47:545-52, Jun 69
Changes in electrical activity in the rat hypothalamus related to electrochemical stimulation of adenohypophyseal function. Terasawa E, et al.
Endocrinology 85:143-9, Jul 69
Important aspects of the metabolism of the liver cell revealed in selected references. Mulligan RM.
Exp Med Surg 26:66-95, 1968 (51 ref.)
Biochemical study on the pituitary inhibition of gonadal origin. Lugaro G, et al.
Experientia 25:147-8, 15 Feb 69
Protein turnover in skeletal muscle. I. Protein catabolism during work-induced hypertrophy and growth induced with growth hormone. Goldberg AL.
J Biol Chem 244:3217-22, 25 Jun 69
Protein turnover in skeletal muscle. II. Effects of denervation and cortisone on protein catabolism in skeletal muscle. Goldberg AL.
J Biol Chem 244:3223-9, 25 Jun 69
Influence of pineal gland principles on gonadotrophin-producing cells of the rat anterior pituitary gland: an electron microscopic study. Clementi F, et al. **J Endocr** 44:241-6, Jun 69
Influence of hormones on N-2-fluorenyldiacetamide-induced hyperplastic hepatic nodules in rats. Reuber MD.
J Nat Cancer Inst 43:445-52, Aug 69
Pheromone induced changes in the concentration of anterior pituitary acidophils. Avery TL.
J Reprod Fertil 18:161, Feb 69
Effect of hypophysectomy implantation in the mouse. Bindon BM, et al. **J Reprod Fertil** 18:43-50, Feb 69
Luteolytic and luteotrophic effects of oestrogen in the guinea-pig. Illingworth DV.
J Reprod Fertil 18:548-9, Apr 69
Reproductive physiology of the post partum cow. II. Pituitary, adrenal and thyroid function. Wagner WC, et al. **J Reprod Fertil** 18:501-8, Apr 69
Ascorbic acid biosynthesis of toad kidney as related to experimental alteration of pituitary gonadotropic hormones. Biswas NM. **Life Sci** 8:363-8, 15 Apr 69
Restoration of pituitary lactogen released in response to suckling. Convey EM, et al.
Proc Soc Exp Biol Med 131:543-6, Jun 69
Phospholipid composition of mitochondria and microsomes of liver and kidney in adrenalectomized, hypophysectomized, and diabetic rats. Johnson JD, et al. **Proc Soc Exp Biol Med** 131:474-8, Jun 69
Studies on the thyrotropin-releasing hormone (TRH) activity in peripheral blood. Redding TW, et al.
Proc Soc Exp Biol Med 131:420-5, Jun 69
Hypothalamic neurosecretion and metamorphosis in Xenopus laevis. 3. The effect of an interruption of thyroid hormone synthesis. Goos HJ.
Z Zellforsch 92:583-7, 1968
Light-microscope studies of the cytology of the adenohypophysis of the white-crowned sparrow, Zonotrichia leucophrys gambelii. Matsuo S, et al.
Z Zellforsch 95:143-76, 1969
The ACTH cells in the adenohypophysis of the Mexican cave fish Anoptichthys jordani, as identified by metopirone (SU 4885) treatment. Mattheij JA.
Z Zellforsch 92:588-95, 1968
[Hypophysectomy and spermatogenesis in Poecilia reticulata (Cyprinodontidae fish)] Billard R.
C R Acad Sci [D] (Paris) 268:1856-9, 9 Apr 69 (Fre)
[On the mechanism of action of pyrogenic substances on blood sugar changes] Fóris G, et al.
Acta Med Acad Sci Hung 26:83-92, 1969 (Ger)
[Animal experimental studies on synthetic peptides with corticotropin activity. A. Comparison with 3rd international Standard for corticotropin] Vogel HG.
Arzneimittelforschung 19:20-4, Jan 69 (Ger)
[The aging of the endocrine system] Arvay A.
Bull Schweiz Akad Med Wiss 24:299-318, Jan 69 (Ger)
[Relationships among lipolysis, gluconeogenesis and insulin secretion after administration of cortisol to rats] Herrmann J, et al.
Europ J Biochem 7:427-33, Jan 69 (Ger)
[Changes in the hypothalamo-hypophyseo-gonadal system in male rats at the onset of puberty] Ishii S, et al. **Clin Endocr (Tokyo)** 17:113-8, Feb 69 (Jap)
[Effect of gonadotropin on aminopeptidase activities in the rat ovary] Kaneyoshi A.
Folia Endocr Jap 44:1286-308, 20 Mar 69 (Jap)
[Changes in the mitotic index with age in various organs of white rats] Pomanov IuA, et al.
Biull Eksp Biol Med 67:104-7, Apr 69 (Rus)

PHYSIOPATHOLOGY

Growth hormone levels in children with congenital heart disease. Bacon GE, et al.
Amer Heart J 78:280-1, Aug 69
Corticosteroid metabolism in depressive illness. Gibbons JL.
Psychiat Neurol Neurochir 72:195-9, Mar-Apr 69
[Effects of a vasopressin-corticoid association in patients having an astrocytoma or cerebral metastasis. Evolutive study using complementary methods] Bernard-Weil E, et al.
Neurochirurgia (Stuttgart) 11:189-99, Sep 68 (Fre)
[On diencephalo-hypophyseo-adrenocortical function in various diseases] Kato K, et al.
Clin Endocr (Tokyo) 17:159-63, Mar 69 (Jap)

RADIATION EFFECTS

[Microscopic and submicroscopic structures of the anterior lobe of the hypophysis in radiation sickness

caused by Sr90] Khomutovskiĭ OA.
Med Radiol (Moskva) 12:77-9, Feb 67 **(Rus)**
[State of the endocrine system in experimental animals with chronic radiation injury] Strel'tsova VN.
Med Radiol (Moskva) 12:83-92, Oct 67 (35 ref.) **(Rus)**

SECRETION

Effect of the median eminence of the pigeon (Columba livia domestica L.) on the regulation of adenohypophysial corticotropin secretion. Péczely P.
Acta Physiol Acad Sci Hung 35:47-57, 1969
Effect of corticotropin-releasing factor, dexamethasone and actinomycin D on the release of ACTH from rat pituitaries in vivo and in vitro. Arimura A, et al. **Endocrinology** 85:300-11, Aug 69
Radioimmunoassay for ovine luteinizing hormone. Secretion of luteinizing hormone during estrus and following estrogen administration in sheep. Goding JR, et al. **Endocrinology** 85:133-42, Jul 69
Growth hormone secretion by pituitary grafts under the median eminence or renal capsule. Peng MT, et al.
Endocrinology 85:360-5, Aug 69
Inhibition by dexamethasone of the in vivo pituitary response to corticotropin-releasing factor (CRF). Russell SM, et al. **Endocrinology** 85:512-21, Sep 69
Dexamethasone suppression of ACTH release: effect of the interval between steroid administration and the application of stimuli known to release ACTH. Sirett NE, et al. **Endocrinology** 85:355-9, Aug 69
Release of ACTH by substances of central nervous system origin. Wied D de, et al.
Endocrinology 85:561-9, Sep 69
Pheromone induced changes in the concentration of anterior pituitary acidophils. Avery TL.
J Reprod Fertil 18:161, Feb 69
Localization of luteinizing hormone-releasing factor in the pre-optic area. Crighton DB, et al.
J Reprod Fertil 18:166, Feb 69
Effect of biogenic amines and other substances on the release of follicle stimulating hormone by pituitaries incubated in vitro. Kamberi I, et al.
J Reprod Fertil 18:153, Feb 69
The effect of pentobarbital on capacitation in the rabbit. Plotka ED, et al.
J Reprod Fertil 18:175-6, Feb 69
Stimulation of release of luteinizing hormone-releasing factor from hypothalamic tissue by dopamine in vitro. Schneider HP, et al. **J Reprod Fertil** 18:178, Feb 69
[Influence of antiovulatory agents in the proestral phase of the ovarian cycle on the excretory gonadotropic activity of the beta- and gamma-cells in the rats anterior hypophysis] Roos J.
Z Zellforsch 95:347-60, 1969 **(Fre)**
[Cortisone therapy syntonized with the circadian rhythm of the cortico-adrenal incretion] Bellomi C.
Rass Trim Odont 49:251-7, Jul-Sep 68 **(Ita)**
[Studies on the application of the Bock method using chromium gallocyanin for the demonstration of the mammalian subcallosal organ secretion] Leonieni J.
Acta Physiol Pol 20:335-44, 1969 **(Pol)**

SURGERY

The retina and optic nerve. L'Esperance FA Jr.
Arch Ophthal (Chicago) 82:112-36, Jul 69 (133 ref.)
The retina and optic nerve. L'Esperance FA Jr.
Arch Ophthal (Chicago) 82:112-36, Jul 69 (133 ref.)
Water and salt metabolism following pituitary stalk section. Timmons RL, et al.
Neurology (Minneap) 19:790-800, Aug 69
Treatment of diabetic retinopathy. Trautmann JC, et al.
Postgrad Med 45:123-5, Jun 69

TRANSPLANTATION

Relation of cerebrospinal fluid circulation to the ACTH-suppressing effects of corticosteroid implants in the rat brain. Kendall JW, et al.
Endocrinology 85:200-8, Aug 69
Growth hormone secretion by pituitary grafts under the median eminence or renal capsule. Peng MT, et al.
Endocrinology 85:360-5, Aug 69
Milk yield during prolonged lactation in mice; effect of ovariectomy. Zeilmaker GH.
J Reprod Fertil 19:361-5, Jul 69

PITUITARY GLAND FUNCTION TESTS

Hypothalamic--pituitary function in depressive illness: insensitivity to hylycaemia. Carroll BJ.
Brit Med J 3:27-8, 5 Jul 69
Increased metabolism of metyrapone in rats pretreated with diphenylhydantoin or phenobarbital. Szeberenyi S, et al. **Endocrinology** 85:575-6, Sep 69
A simplified metyrapone test with determination of plasma 11-deoxycortisol (Metyrapone test with plasma S). Meikle AW, et al. **J Clin Endocr** 29:985-7, Jul 69
Familial galactorrhea in three sisters with oligo-ovulation. Wider JA, et al.
JAMA 209:669-71, 4 Aug 69
[On diencephalo-hypophyseo-adrenocortical function in various diseases] Kato K, et al.
Clin Endocr (Tokyo) 17:159-63, Mar 69 **(Jap)**
[Anterior pituitary function test] Iwai K, et al.
Jap J Clin Med 27:248-58, Feb 69 (81 ref.) **(Jap)**
[Posterior pituitary function tests] Saito T, et al.
Jap J Clin Med 27:259-64, Feb 69 (34 ref.) **(Jap)**

STANDARDS

Setting the stage. Crawford JD.
New Eng J Med 280:1475-6, 26 Jun 69
Arginine-initiated release of human growth hormone. Factors modifying the response in normal man. Merimee TJ, et al. **New Eng J Med** 280:1434-8, 26 Jun 69

PITUITARY GLAND IRRADIATION

A controlled clinical trial to compare transethidal hypophysectomy with yttrium implant of the pituitary in the treatment of advanced breast cancer. Roberts MM, et al. **Brit J Surg** 56:615-6, Aug 69
Necrosis of anterior pituitary in humans. II. Kovács K.
Neuroendocrinology 4:201-41, 1969 (263 ref.)
The role of photocoagulation in therapy of proliferative diabetic retinopathy. Rentiers PK, et al.
Trans Pacif Coast Otoophthal Soc 49:317-31, 1968
[Hypophysiolysis in hormone dependent cancers (from a case observation in the Gustave Roussy Institute)] Huguet JH.
Rev Infirm Assist Soc 19:501-4, May 69 **(Fre)**
[A study of radiation hypophysectomy for prostatic cancer. (I) Review of the pituitary ablation in literature] Momose G, et al.
Jap J Urol 60:145-57, Feb 69 (192 ref.) **(Jap)**

PITUITARY GLAND, POSTERIOR

Clinical evaluation of posterior pituitary extract in psychiatric disorders relating to obstetrics and gynecology. Daro AF, et al. **Int Surg** 51:488-94, Jun 69
[Apropos of cytologic interpretation of 2 antehypophyseal adenomas with acromegaly] Carlon N, et al. **Marseille Med** 106:87-93, 1969 **(Fre)**

ANALYSIS

Adrenaline and the amount of secretory material in the subcommissural organ of the rat. Karlsson LK, et al.
Ann Med Exp Biol Fenn 46:293-4, 1968
The preparation, purification and characterization of porcine neurophysin. Dicker SE, et al.
J Physiol (London) 202:103P+, Jun 69
Comparison of the effects of water deprivation and sodium chloride imbibition on the hormone content of the neurohypophysis of the rat. Jones CW, et al.
J Physiol (London) 203:449-58, Aug 69

CYTOLOGY

A quantitative analysis of the normal neuron population of the hypothalamic magnocellular nuclei in man and of their projections to the neurohypophysis. Morton A.
J Comp Neurol 136:143-57, Jun 69
Investigations on the hypothalamo-neurohypophysial neurosecretory system of the grass frog (Rana pipiens) after transection of the proximal neurohypophysis. II. Light- and electron microscopic findings in the disconnected distal neurohypophysis with special emphasis on the pituicytes. Dellmann HD, et al. **Z Zellforsch** 94:325-36, 1969
[Contribution on the functional morphology of the neurohypophysis. 3. On the influence of corticoid or

ACTH treatment on the appearance of "gomori-positive" granules in the outer layer of the median eminence in rats and mice following bilateral adrenalectomy of hypophysectomy] Bock R, et al. Z Zellforsch 96:142-50, 1969 (Ger)
[Electron microscopical investigation on the reaction of the pituicytes after stalk section in Rana esculenta] Sterba G, et al. Z Zellforsch 93:74-83, 1969 (Ger)

DRUG EFFECTS

Adrenaline and the amount of secretory material in the subcommissural organ of the rat. Karlsson LK, et al. Ann Med Exp Biol Fenn 46:293-4, 1968

ENZYMOLOGY

[Enzyme-histochemical investigation of the infundibulum and neural lobe in the normal and bilaterally adrenalectomized rat] Bock R, et al. Z Zellforsch 95:415-28, 1969 (Ger)

INNERVATION

[Electron microscopical investigation on the reaction of the pituicytes after stalk section in Rana esculenta] Sterba G, et al. Z Zellforsch 93:74-83, 1969 (Ger)

METABOLISM

[On quantitative changes of "Gomori-positive" substances in the median eminence and neural lobe of the rat hypophysis after bilateral adrenalectomy] Stöhr PA. Z Zellforsch 94:425-33, 1969 (Ger)

PHYSIOLOGY

Sperm migration in rats with experimental diabetes insipidus. Manabe Y. J Reprod Fertil 18:371-3, Mar 69
Investigations on the hypothalamo-neurohypophysial neurosecretory system of the grass frog (Rana pipiens) after transection of the proximal neurohypophysis. II. Light- and electron microscopic findings in the disconnected distal neurohypophysis with special emphasis on the pituicytes. Dellmann HD, et al. Z Zellforsch 94:325-36, 1969
[Contribution on the functional morphology of the neurohypophysis. 3. On the influence of corticoid or ACTH treatment on the appearance of "gomori-positive" granules in the outer layer of the median eminence in rats and mice following bilateral adrenalectomy of hypophysectomy] Bock R, et al. Z Zellforsch 96:142-50, 1969 (Ger)
[Studies of the functional morphology of the neurohypophysis. II. Comparison of histological changes in the median eminence of the rat after bilateral adrenalectomy and hypophysectomy] Bock R, et al. Z Zellforsch 94:434-40, 1969 (Ger)
[On quantitative changes of "Gomori-positive" substances in the median eminence and neural lobe of the rat hypophysis after bilateral adrenalectomy] Stöhr PA. Z Zellforsch 94:425-33, 1969 (Ger)
[Posterior pituitary function tests] Saito T, et al. Jap J Clin Med 27:259-64, Feb 69 (34 ref.) (Jap)

PHYSIOPATHOLOGY

Water and salt metabolism following pituitary stalk section. Timmons RL, et al. Neurology (Minneap) 19:790-800, Aug 69
[Neurosecretion and diabetes insipidus] Koestner A, et al. Verh Deutsch Ges Path 52:458-64, 1968 (Ger)

SECRETION

Adrenaline and the amount of secretory material in the subcommissural organ of the rat. Karlsson LK, et al. Ann Med Exp Biol Fenn 46:293-4, 1968
Release of antidiuretic hormone from neurohypophysis in response to hemorrhage and infusion of hypertonic saline in dogs. Saito T, et al. Endocrinology 85:72-8, Jul 69

SURGERY

Investigations on the hypothalamo-neurohypophysial neurosecretory system of the grass frog (Rana pipiens) after transection of the proximal neurohypophysis. II. Light- and electron microscopic findings in the disconnected distal neurohypophysis with special emphasis on the pituicytes. Dellmann HD, et al. Z Zellforsch 94:325-36, 1969

II. Disorders of the Pituitary Gland

ACROMEGALY

[Neurohistological changes in endocrine diseases] Lassmann G.
Fortschr Neurol Psychiat 36:377-411, Jul 68 (Ger)

[Acid-alkaline secretion of the stomach in acromegalic subjects before and after maximal histaminic stimulation] Bruno G, et al.
Arch Ital Mal Appar Dig 34:91-8, 1967 (Ita)

BLOOD

Influence of physiologic fluctuations in plasma growth hormone on glucose tolerance. Yalow RS, et al.
Diabetes 18:402-8, Jun 69

[Radioimmunoassay of thyrotropin (TSH) in human plasma] Freychet P, et al.
Presse Med 77:13-6, 4 Jan 69 (Fre)

[The therapeutic problem in pituitary dwarfism. Personal contribution] Conti C, et al.
Folia Endocr (Roma) 21:559-76, Oct 68 (Ita)

COMPLICATIONS

An electron microscopic study of target fibers, target-like fibers and related abnormalities in human muscle. Schotland DL.
J Neuropath Exp Neurol 28:214-28, Apr 69

Active acromegaly with anterior pituitary failure. Plummer AL, et al. **Metabolism 18:469-75, Jun 69**

On the cause of acanthosis nigricans. Lerner AB.
New Eng J Med 281:106-7, 10 Jul 69

Multiple aneurysms in a case of acromegaly. Schenk VW, et al.
Psychiat Neurol Neurochir 71:311-7, Jul-Aug 68

[Radiologic study of the digestive system in acromegalic subjects] Bruno G, et al.
Arch Ital Mal Appar Dig 34:99-101, 1967 (Ita)

DIAGNOSIS

Skin-fold thickness in normal subjects and in patients with acromegaly and Cushing's syndrome. Wright AD, et al. **Acta Endocr (Kobenhavn) 60:705-11, Apr 69**

Measurement of hand volumes in a normal population and its value in the diagnosis of acromegaly. Schofield A. **J Irish Med Ass 62:217-20, Jun 69**

Immunoassays in the diagnoses of endocrine disorders. Lawrence AM.
Surg Clin N Amer 49:3-10, Feb 69 (29 ref.)

[Idiopathic hypertrophic osteoarthropathy or pachydermoperiostosis] Reintoft I.
Ugeskr Laeg 131:1134-6, 26 Jun 69 (Dan)

ETIOLOGY

[Apropos of cytologic interpretation of 2 antehypophyseal adenomas with acromegaly] Carlon N, et al. **Marseille Med 106:87-93, 1969 (Fre)**

[Polyendocrine syndrome associated with sellar endostosis. Description of a case] Tibaldeschi C, et al.
Minerva Chir 24:451-8, 30 Apr 69 (Ita)

PATHOLOGY

An electron microscopic study of target fibers, target-like fibers and related abnormalities in human muscle. Schotland DL.
J Neuropath Exp Neurol 28:214-28, Apr 69

The human costochondral junction. II. Patients with acromegaly. Jones DR, et al.
Mayo Clin Proc 44:330-4, May 69

RADIOTHERAPY

[A study of radiation hypophysectomy for prostatic cancer. (1) Review of the pituitary ablation in literature] Momose G, et al.
Jap J Urol 60:145-57, Feb 69 (192 ref.) (Jap)

ADENOMA, CHROMOPHOBE

COMPLICATIONS

Oculomotor paralysis without visual field loss in pituitary tumor. Miller WW, et al.
Trans Pacif Coast Otoophthal Soc 49:243-52, 1968

[Apropos of cytologic interpretation of 2 antehypophyseal adenomas with acromegaly] Carlon N, et al. **Marseille Med 106:87-93, 1969 (Fre)**

[Tumors of the hypophysis in Itsenko-Cushing disease] Soskin LS, et al.
Zh Nevropat Psikhiat Korsakov 69:286-92, 1969 (101 ref.) (Rus)

METABOLISM

[Tumors of the hypophysis in Itsenko-Cushing disease] Soskin LS, et al.
Zh Nevropat Psikhiat Korsakov 69:286-92, 1969 (101 ref.) (Rus)

PATHOLOGY

Chromophobe adenoma of the pituitary in a dog. Farrow BR. **Vet Rec 84:609-10, 14 Jun 69**

[Apropos of cytologic interpretation of 2 antehypophyseal adenomas with acromegaly] Carlon N, et al. **Marseille Med 106:87-93, 1969 (Fre)**

VETERINARY

Chromophobe adenoma of the pituitary in a dog. Farrow BR. **Vet Rec 84:609-10, 14 Jun 69**

ADENOMA, EOSINOPHILIC

Active acromegaly with anterior pituitary failure. Plummer AL, et al. **Metabolism 18:469-75, Jun 69**

COMPLICATIONS

Multiple aneurysms in a case of acromegaly. Schenk VW, et al.
Psychiat Neurol Neurochir 71:311-7, Jul-Aug 68

[Apropos of cytologic interpretation of 2 antehypophyseal adenomas with acromegaly] Carlon N, et al. **Marseille Med 106:87-93, 1969 (Fre)**

PATHOLOGY

[Apropos of cytologic interpretation of 2 antehypophyseal adenomas with acromegaly] Carlon N, et al. **Marseille Med 106:87-93, 1969 (Fre)**

CHIARI-FROMMEL SYNDROME

COMPLICATIONS

Abnormal lactation with Cushing's syndrome--a case report. Mahesh VB, et al.
J Clin Endocr 29:978-81, Jul 69

METABOLISM

Immunoreactive human growth hormone in conditions associated with galactorrhea. Benjamin F, et al.
Obstet Gynec 34:34-9, Jul 69

CRANIOPHARYNGIOMA

Pituitary tumors. Hekmatpanah J.
Surg Clin N Amer 49:163-78, Feb 69

COMPLICATIONS

[The plasma renin activity in decompensated and non-decompensated diabetes insipidus. Simultaneously a contribution to the regulation of

renin secretion] Werning C, et al.
Schweiz Med Wschr 99:661-8, May 69 **(Ger)**
[Symptom dynamics in tumors in the region of the 3rd ventricle during a period of prolonged drainage of the cerebral ventricles] Salazkina-Kuznetsova SI.
Vop Neirokhir 32:25-8, Nov-Dec 68 **(Rus)**

DIAGNOSIS

[The pathogenesis of distortion of ultrasound echo-signals from the middle formations of the brain in supratentorial tumors] Irger IM, et al.
Vop Neirokhir 33:34-40, Jan-Feb 69 **(Rus)**

PATHOLOGY

Coexisting anterior pituitary and neurohypophyseal insufficiency. A syndrome with diagnostic implication. Martin MM.
Arch Intern Med (Chicago) 123:409-16, Apr 69

PHYSIOPATHOLOGY

[Autonomic innervation disorders in brain tumors of medio-basal localization] Alekseeva VS, et al.
Vop Neirokhir 32:10-3, Nov-Dec 68 **(Rus)**

RADIOTHERAPY

[On the problem of radiosurgical treatment of patients with craniopharyngiomas] Badmaev KN, et al.
Vop Neirokhir 33:13-6, Mar-Apr 69 **(Rus)**

SURGERY

[Autonomic innervation disorders in brain tumors of medio-basal localization] Alekseeva VS, et al.
Vop Neirokhir 32:10-3, Nov-Dec 68 **(Rus)**

DIABETES INSIPIDUS

A successful case of basilar bifurcation aneurysm surgery. Bartal A, et al.
Acta Neurochir (Wien) 19:163-70, 1968
Intake of NaCL solution in rats with diabetes insipidus. Palmieri GM, et al.
J Comp Physiol Psychol 68:38-44, May 69
Water and salt metabolism following pituitary stalk section. Timmons RL, et al.
Neurology (Minneap) 19:790-800, Aug 69
Diabetes insipidus. Sochocky S.
S Dakota J Med 22:23-5, Jun 69
[Obesity, diabetes and pregnancy] Codaccioni JL, et al.
Pol Arch Med Wewnet 42:359-66, 1969 **(Fre)**

BLOOD

[The plasma renin activity in decompensated and non-decompensated diabetes insipidus. Simultaneously a contribution to the regulation of renin secretion] Werning C, et al.
Schweiz Med Wschr 99:661-8, May 69 **(Ger)**

COMPLICATIONS

Diabetes insipidus syndrome in hypopituitarism of pregnancy. Case report and a critical review of the literature. Aguiló F Jr, et al.
Acta Endocr (Kobenhavn) 60:Suppl 137:1+, 1969
Coexisting anterior pituitary and neurohypophyseal insufficiency. A syndrome with diagnostic implication. Martin MM.
Arch Intern Med (Chicago) 123:409-16, Apr 69
Localized hypothalamic histiocytosis X. Report of a case. Bernard JD, et al.
Arch Neurol (Chicago) 20:368-72, Apr 69
Diabetes insipidus complicating thrombotic thrombocytopenic purpura. VanSlyck EJ, et al.
JAMA 209:768-70, 4 Aug 69
Use of hypertonic saline, clopamide and furosemide for evaluation of the concentrating defect in pitressin-treated diabetes insipidus. Radó JP, et al.
Med Exp (Basel) 18:185-90, 1968
Puerperal diabetes insipidus and panhypopituitarism. Report of a case. Paley WB, et al.
Obstet Gynec 34:96-101, Jul 69
[Two cases of chronic hypernatremia] Nakao K, et al.
J Jap Soc Intern Med 58:219-24, 10 Mar 69 **(Jap)**
[Nephrogenic diabetes insipidus in a case of idiopathic hyperchloremic renal tubular acidosis combined with pyelonephritis] Alvarez Coca M, et al.
Rev Iber Endocr 16:115-21, Mar-Apr 69 **(Spa)**

DIAGNOSIS

Coexisting anterior pituitary and neurohypophyseal insufficiency. A syndrome with diagnostic implication. Martin MM.
Arch Intern Med (Chicago) 123:409-16, Apr 69
Puerperal diabetes insipidus and panhypopituitarism. Report of a case. Paley WB, et al.
Obstet Gynec 34:96-101, Jul 69

DRUG THERAPY

Antidiuretic effect of chlorpropamide. Meinders AE, et al. **Folia Med Neerl** 12:58-68, 2 Dec 69
Chlorpropamide in diabetes insipidus. Bhatia SK, et al.
Lancet 1:729, 5 Apr 69
Antidiuresis in diabetes insipidus. Brown JJ, et al.
Lancet 1:1155, 7 Jun 69
Use of hypertonic saline, clopamide and furosemide for evaluation of the concentrating defect in pitressin-treated diabetes insipidus. Radó JP, et al.
Med Exp (Basel) 18:185-90, 1968
[On the problems of synthetic polypeptides on the basis of oxytocin] Holeček V.
Vnitrni Lek 15:435-41, May 69 **(Cze)**
[Chlorpropamide therapy of diabetes insipidus] Toft H.
Ugeskr Laeg 131:423-5, 6 Mar 69 **(Dan)**
[Diabetes insipidus] Haugen HN, et al.
T Norsk Laegeforen 89:736-7, 15 May 69 **(Nor)**

ETIOLOGY

Diabetes insipidus syndrome in hypopituitarism of pregnancy. Case report and a critical review of the literature. Aguiló F Jr, et al.
Acta Endocr (Kobenhavn) 60:Suppl 137:1+, 1969
Puerperal diabetes insipidus and panhypopituitarism. Report of a case. Paley WB, et al.
Obstet Gynec 34:96-101, Jul 69
Diabetes insipidus. Sochocky S.
S Dakota J Med 22:23-5, Jun 69
[The plasma renin activity in decompensated and non-decompensated diabetes insipidus. Simultaneously a contribution to the regulation of renin secretion] Werning C, et al.
Schweiz Med Wschr 99:661-8, May 69 **(Ger)**
[Polyendocrine syndrome associated with sellar endostosis. Description of a case] Tibaldeschi C, et al.
Minerva Chir 24:451-8, 30 Apr 69 **(Ita)**
[Post-partum adeno-hypophyseal insufficiency with diabetes insipidus] Morínigo F, et al.
Arq Brasil Endocr 17:93-8, Aug 68 **(Por)**

METABOLISM

[The plasma renin activity in decompensated and non-decompensated diabetes insipidus. Simultaneously a contribution to the regulation of renin secretion] Werning C, et al.
Schweiz Med Wschr 99:661-8, May 69 **(Ger)**

PHYSIOPATHOLOGY

Sperm migration in rats with experimental diabetes insipidus. Manabe Y. **J Reprod Fertil** 18:371-3, Mar 69
[Neurosecretion and diabetes insipidus] Koestner A, et al. **Verh Deutsch Ges Path** 52:458-64, 1968 **(Ger)**

THERAPY

Puerperal diabetes insipidus and panhypopituitarism. Report of a case. Paley WB, et al.
Obstet Gynec 34:96-101, Jul 69

URINE

[The plasma renin activity in decompensated and non-decompensated diabetes insipidus. Simultaneously a contribution to the regulation of renin secretion] Werning C, et al.
Schweiz Med Wschr 99:661-8, May 69 **(Ger)**

DWARFISM

Hypochondroplasia. A report of five kindreds. Beals RK. **J Bone Joint Surg [Amer]** 51:728-36, Jun 69

Observations on children who suffer from dwarfism. Krims MB. **Psychiat Quart 42:430-43, Jul 68**
[The dwarfed pig as experimental animal for the assay of substances affecting the circulation] Wild AJ, et al. **Naunyn Schmiedeberg Arch Pharm Exp Path 260:219, 1968 (Ger)**

CLASSIFICATION

Big variability in "little" people. **JAMA 209:411-2, 21 Jul 69**

CONGENITAL

[Mature, full-term child, hypotrophic for placental reasons (so-called placental dwarf)] Schuhmann R. **Beitr Path Anat 138:426-35, 1969 (Ger)**

DIAGNOSIS

Diastrophic dwarfism. Carter CO. **Develop Med Child Neurol 11:247-8, Apr 69**
Pediatric neurology. Baird HW. **Progr Neurol Psychiat 23:242-52, 1968 (59 ref.)**
[Method for the diagnosis of dwarfism in infants using plasma growth hormone measurement] Takeuchi K, et al. **Clin Endocr (Tokyo) 17:148-51, Mar 69 (Jap)**

DRUG THERAPY

Big variability in "little" people. **JAMA 209:411-2, 21 Jul 69**

ETIOLOGY

[Thanatophoric dwarfism (an anatomoclinical case)] Beaudoing A, et al. **Pediatrie 24:459-61, Jun 69 (Fre)**
[Essential dwarfism and XO-XX mosaicism] Aubert L, et al. **Presse Med 77:1051-2, 14 Jun 69 (Fre)**
[Mature, full-term child, hypotrophic for placental reasons (so-called placental dwarf)] Schuhmann R. **Beitr Path Anat 138:426-35, 1969 (Ger)**
[Hyposomic nanism and mega-esophagus. Description of a pediatric case] Vignola G, et al. **Minerva Pediat 21:1004-8, 2 Jun 69 (Ita)**
[Growth and growth disorders] Trygstad O. **Nord Med 81:393-401, 27 Mar 69 (Nor)**

FAMILIAL & GENETIC

Blepharophimosis and acquired somato-facial dysmorphism. Associated with congenital cataracts. Keating PD, et al. **Arch Ophthal (Chicago) 82:1-3, Jul 69**
Big variability in "little" people. **JAMA 209:411-2, 21 Jul 69**
[Familial isolated growth hormone deficiency] Kumahara Y, et al. **Naika 23:580-4, Mar 69 (Jap)**

RADIOGRAPHY

Hypochondroplasia. A report of five kindreds. Beals RK. **J Bone Joint Surg [Amer] 51:728-36, Jun 69**

DWARFISM, PITUITARY

Observations on children who suffer from dwarfism. Krims MB. **Psychiat Quart 42:430-43, Jul 68**
Psychosocial dwarfism: environmentally induced recovery. Reinhart JB, et al. **Psychosom Med 31:165-72, Mar-Apr 69**
Metabolic studies in the African pygmy. Merimee TJ, et al. **Trans Ass Amer Physicians 81:221-30, 1968**

CLASSIFICATION

Big variability in "little" people. **JAMA 209:411-2, 21 Jul 69**

DIAGNOSIS

[On the diagnosis and differential diagnosis of pituitary dwarfism (nanosomia pituitaria)] Mannstadt C, et al. **Z Aerztl Fortbild (Jena) 62:1094-9, 1 Oct 68 (Ger)**
[Method for the diagnosis of dwarfism in infants using plasma growth hormone measurement] Takeuchi K, et al. **Clin Endocr (Tokyo) 17:148-51, Mar 69 (Jap)**
[Growth hormone] Demura H, et al. **Jap J Clin Med 27:319-25, Feb 69 (Jap)**

RADIOGRAPHY

[On the diagnosis and differential diagnosis of pituitary dwarfism (nanosomia pituitaria)] Mannstadt C, et al. **Z Aerztl Fortbild (Jena) 62:1094-9, 1 Oct 68 (Ger)**

THERAPY

[The therapeutic problem in pituitary dwarfism. Personal contribution] Conti C, et al. **Folia Endocr (Roma) 21:559-76, Oct 68 (Ita)**

URINE

[On the diagnosis and differential diagnosis of pituitary dwarfism (nanosomia pituitaria)] Mannstadt C, et al. **Z Aerztl Fortbild (Jena) 62:1094-9, 1 Oct 68 (Ger)**

FROEHLICH'S SYNDROME

DIAGNOSIS

[Evaluation of the simple water loading method in various endocrine diseases] László FA, et al. **Med Welt 19:1239-44, 11 May 68 (Ger)**
[Chronic dystrophic injuries of the vulva. Their study using the radioactive phosphorus fixation test] Freire de Oliveira CM. **Acta Obstet Ginecol Hisp Lusit 17:165-90, Mar 69 (Por)**

GIGANTISM

[Wiedemann-Beckwith syndrome (omphalocele-macroglossia-gigantism)] Hooft C, et al. **Ann Pediat (Paris) 16:49-56, 2 Jan 69 (Fre)**
[Cerebral gigantism (apropos of a case with a study of somatotropic function)] Gaudier B, et al. **Pediatrie 24:325-37, Apr-May 69 (Fre)**

BLOOD

[The therapeutic problem in pituitary dwarfism. Personal contribution] Conti C, et al. **Folia Endocr (Roma) 21:559-76, Oct 68 (Ita)**

COMPLICATIONS

Autonomic failure with persistent fever in cerebral gigantism. Appenzeller O, et al. **J Neurol Neurosurg Psychiat 32:123-8, Apr 69**
[Hypoglycemia in newborn infants with microcephaly, macroglossia and megalosplanchnia] Mariani R, et al. **Arch Franc Pediat 26:337-45, Mar 69 (Fre)**
[The EMG-syndrome: exomphalos, macroglossia, gigantism and disturbed carbohydrate metabolism] Wiedemann HR. **Z Kinderheilk 106:171-85, 1969 (Ger)**

DIAGNOSIS

Pediatric neurology. Baird HW. **Progr Neurol Psychiat 23:242-52, 1968 (59 ref.)**

ETIOLOGY

[Growth and growth disorders] Trygstad O. **Nord Med 81:393-401, 27 Mar 69 (Nor)**

PHYSIOPATHOLOGY

Autonomic failure with persistent fever in cerebral gigantism. Appenzeller O, et al. **J Neurol Neurosurg Psychiat 32:123-8, Apr 69**

HYPOPITUITARISM

[Unchecked thyroid insufficiencies] Luton JP. **Presse Med 77:1105-6, 25 Jun 69 (Fre)**
[Neurohistological changes in endocrine diseases] Lassmann G. **Fortschr Neurol Psychiat 36:377-411, Jul 68 (Ger)**

BLOOD

Normal and abnormal regulation of beta-msh in man. Abe K, et al. **J Clin Invest 48:1580-5, Aug 69**
[Radioimmunoassay of thyrotropin (TSH) in human plasma] Freychet P, et al. **Presse Med 77:13-6, 4 Jan 69 (Fre)**

COMPLICATIONS

Diabetes insipidus syndrome in hypopituitarism of pregnancy. Case report and a critical review of the literature. Aguiló F Jr, et al.
Acta Endocr (Kobenhavn) 60:Suppl 137:1+, 1969

Coexisting anterior pituitary and neurohypophyseal insufficiency. A syndrome with diagnostic implication. Martin MM.
Arch Intern Med (Chicago) 123:409-16, Apr 69

Hypopituitarism with paranoid psychosis: a description of two cases. Dissanayake SA, et al.
J Neurol Neurosurg Psychiat 32:233-5, Jun 69

Puerperal diabetes insipidus and panhypopituitarism. Report of a case. Paley WB, et al.
Obstet Gynec 34:96-101, Jul 69

[Spontaneous hypoglycemias in adults]
Presse Med 77:950-2, 28 May 69 (Fre)

[The therapeutic problem in pituitary dwarfism. Personal contribution] Conti C, et al.
Folia Endocr (Roma) 21:559-76, Oct 68 (Ita)

DIAGNOSIS

Coexisting anterior pituitary and neurohypophyseal insufficiency. A syndrome with diagnostic implication. Martin MM.
Arch Intern Med (Chicago) 123:409-16, Apr 69

A simplified metyrapone test with determination of plasma 11-deoxycortisol (Metyrapone test with plasma S). Meikle AW, et al. **J Clin Endocr 29:985-7, Jul 69**

Growth and growth hormone. IV. Limitations of the growth hormone response to insulin and arginine and of the immunoreactive insulin response to arginine in the assessment of growth hormone deficiency in children. Youlton R, et al.
Pediatrics 43:989-1004, Jun 69

[Evaluation of the simple water loading method in various endocrine diseases] László FA, et al.
Med Welt 19:1239-44, 11 May 68 (Ger)

DRUG THERAPY

Growth hormone activity in man of chymotryptic digests of bovine growth hormone. Sonenberg M, et al.
J Endocr 44:255-65, Jun 69

Hypopituitarism with paranoid psychosis: a description of two cases. Dissanayake SA, et al.
J Neurol Neurosurg Psychiat 32:233-5, Jun 69

Adaptation to dietary sodium restriction in adrenocortical insufficiency. Liberman B, et al.
Rev Franc Etud Clin Biol 14:46-51, Jan 69

[Human gonadotropin treatment in decreased pituitary reserve] Rockenschaub A.
Wien Klin Wschr 81:260, 4 Apr 69 (Ger)

ETIOLOGY

Necrosis of anterior pituitary in humans. II. Kovács K.
Neuroendocrinology 4:201-41, 1969 (263 ref.)

[Sheehan's syndrome due to very grave hemorrhagic shock caused by rupture of the splenic artery in pregnancy: pathogenetic and resuscitational therapeutic considerations] Agostinis G.
Acta Anaesth (Padova) 20:187-93, Jan-Feb 69 (Ita)

PHYSIOPATHOLOGY

Adaptation to dietary sodium restriction in adrenocortical insufficiency. Liberman B, et al.
Rev Franc Etud Clin Biol 14:46-51, Jan 69

INFANTILISM

[Biological aspects and psychological consequences of delayed puberty] Corboz RJ.
Acta Paedopsychiat (Basel) 35:282-5, Oct 68 (Fre)

ETIOLOGY

[On types of mental disorders in Klinefelter's and Shereshevsky-Turner's syndromes in adults] Rakhal'skiĭ IuE, et al.
Zh Nevropat Psikhiat Korsakov 69:407-9, 1969 (Rus)

THERAPY

[Psychosomatic therapy of ulcerative colitis] Freyberger H.
Med Klin 64:969-72, 23 May 69 (6 ref.) (Ger)

PITUITARY DISEASES

COMPLICATIONS

Active acromegaly with anterior pituitary failure. Plummer AL, et al. **Metabolism 18:469-75, Jun 69**

Tuberculous meningitis with a rare complication: nursing care study. Todd R.
Nurs Times 65:661-2, 22 May 69

[Post-partum adeno-hypophyseal insufficiency with diabetes insipidus] Morínigo F, et al.
Arq Brasil Endocr 17:93-8, Aug 68 (Por)

[2 cases of thyrotropic (pituitary-diencephalic) malignant exophthalmos] Bugulov MN.
Oftal Zh 22:137-9, 1967 (Rus)

DIAGNOSIS

[On neuropsychiatric disturbances in Forbes syndrome] Tibilova AU.
Zh Nevropat Psikhiat Korsakov 69:403-7, 1969 (Rus)

ETIOLOGY

Primary amenorrhea secondary to noncommunicating hydrocephalus. Case report. Kim CS, et al.
Neurology (Minneap) 19:533-5, Jun 69

PATHOLOGY

Coexisting anterior pituitary and neurohypophyseal insufficiency. A syndrome with diagnostic implication. Martin MM.
Arch Intern Med (Chicago) 123:409-16, Apr 69

PHYSIOPATHOLOGY

[Anterior pituitary function test] Iwai K, et al.
Jap J Clin Med 27:248-58, Feb 69 (81 ref.) (Jap)

RADIOTHERAPY

Active acromegaly with anterior pituitary failure. Plummer AL, et al. **Metabolism 18:469-75, Jun 69**

PITUITARY NEOPLASMS

Purification and properties of thyrotropin from functional pituitary tumors in mice. Condliffe PG, et al. **Endocrinology 85:453-64, Sep 69**

Allergic encephalomyelitis: inhibition of cellular passive transfer by exogenous and endogenous steroids. Levine S, et al.
Experientia 25:189-90, 15 Feb 69

Pituitary hormones and the mechanism of induction of liver cancer with N-hydroxy-N-2-fluorenylacetamide. Weisburger JH, et al.
Israel J Med Sci 4:1223-9, Nov-Dec 68

Active acromegaly with anterior pituitary failure. Plummer AL, et al. **Metabolism 18:469-75, Jun 69**

Pituitary tumors. Hekmatpanah J.
Surg Clin N Amer 49:163-78, Feb 69

BLOOD

[Changes in biochemical indices in radiotherapy of hypophyseal tumors] Merkova MA, et al.
Med Radiol (Moskva) 12:8-13, Feb 67 (Rus)

COMPLICATIONS

The recognition and treatment of adrenal crisis. Pazianos AG.
Med Clin N Amer 53:459-63, Mar 69 (9 ref.)

Multiple aneurysms in a case of acromegaly. Schenk VW, et al.
Psychiat Neurol Neurochir 71:311-7, Jul-Aug 68

Pituitary tumors. Hekmatpanah J.
Surg Clin N Amer 49:163-78, Feb 69

Oculomotor paralysis without visual field loss in pituitary tumor. Miller WW, et al.
Trans Pacif Coast Otoophthal Soc 49:243-52, 1968

Chromophobe adenoma of the pituitary in a dog. Farrow BR. **Vet Rec 84:609-10, 14 Jun 69**

[Apropos of cytologic interpretation of 2 antehypophyseal adenomas with acromegaly] Carlon N, et al. **Marseille Med 106:87-93, 1969 (Fre)**

[Various etiologies and therapeutic possibilities in Cushing's syndrome] Staub JJ, et al.
Praxis 57:1446-53, 22 Oct 68 (Ger)

[The plasma renin activity in decompensated and non-decompensated diabetes insipidus. Simultaneously a contribution to the regulation of renin secretion] Werning C, et al.
Schweiz Med Wschr 99:661-8, May 69 (Ger)

[Tumors of the hypophysis in Itsenko-Cushing disease] Soskin LS, et al.
Zh Nevropat Psikhiat Korsakov 69:286-92, 1969 (101 ref.) (Rus)

DIAGNOSIS

Pituitary tumors. Hekmatpanah J.
Surg Clin N Amer 49:163-78, Feb 69

[The pathogenesis of distortion of ultrasound echo-signals from the middle formations of the brain in supratentorial tumors] Irger IM, et al.
Vop Neirokhir 33:34-40, Jan-Feb 69 (Rus)

METABOLISM

Effect of exogenous thyroxine on 3H-thymidine uptake in mouse pituitary gland. Messier B.
Acta Endocr (Kobenhavn) 61:133-6, May 69

Animal cell cultures as a source of hormones. Tashjian AH Jr. **Biotechn Bioengin 11:109-26, Mar 69**

[Tumors of the hypophysis in Itsenko-Cushing disease] Soskin LS, et al.
Zh Nevropat Psikhiat Korsakov 69:286-92, 1969 (101 ref.) (Rus)

OCCURRENCE

Metastases to the pituitary gland. Hägerstrand I, et al.
Acta Path Microbiol Scand 75:64-70, 1969

PATHOLOGY

Chromophobe adenoma of the pituitary in a dog. Farrow BR. **Vet Rec 84:609-10, 14 Jun 69**

[Apropos of cytologic interpretation of 2 antehypophyseal adenomas with acromegaly] Carlon N, et al. **Marseille Med 106:87-93, 1969 (Fre)**

PHYSIOPATHOLOGY

[Neurosecretion and diabetes insipidus] Koestner A, et al. **Verh Deutsch Ges Path 52:458-64, 1968 (Ger)**

RADIOGRAPHY

The radiologic diagnosis of tumors of the endocrine glands. Ranniger K.
Surg Clin N Amer 49:11-26, Feb 69 (40 ref.)

RADIOTHERAPY

[Changes in biochemical indices in radiotherapy of hypophyseal tumors] Merkova MA, et al.
Med Radiol (Moskva) 12:8-13, Feb 67 (Rus)

[On the problem of radiosurgical treatment of patients with craniopharyngiomas] Badmaev KN, et al.
Vop Neirokhir 33:13-6, Mar-Apr 69 (Rus)

SURGERY

[Intracranial meningioma due to a foreign body] Piazza G. **Riv Otoneurooftal 42:411-21, Nov-Dec 67 (Ita)**

[Various results of ten-years' work in the area of stereotaxic neurosurgery] Arutinov AI, et al.
Vop Neirokhir 33:8-12, Jan-Feb 69 (Rus)

THERAPY

Pituitary tumors. Hekmatpanah J.
Surg Clin N Amer 49:163-78, Feb 69

VETERINARY

Chromophobe adenoma of the pituitary in a dog. Farrow BR. **Vet Rec 84:609-10, 14 Jun 69**

SHEEHAN'S SYNDROME

COMPLICATIONS

Diabetes insipidus syndrome in hypopituitarism of pregnancy. Case report and a critical review of the literature. Aguiló F Jr, et al.
Acta Endocr (Kobenhavn) 60:Suppl 137:1+, 1969

DRUG THERAPY

Adaptation to dietary sodium restriction in adrenocortical insufficiency. Liberman B, et al.
Rev Franc Etud Clin Biol 14:46-51, Jan 69

[Human gonadotropin treatment in decreased pituitary reserve] Rockenschaub A.
Wien Klin Wschr 81:260, 4 Apr 69 (Ger)

ETIOLOGY

[Sheehan's syndrome due to very grave hemorrhagic shock caused by rupture of the splenic artery in pregnancy: pathogenetic and resuscitational therapeutic considerations] Agostinis G.
Acta Anaesth (Padova) 20:187-93, Jan-Feb 69 (Ita)

III. Pituitary Hormones, Precursors, Metabolites and Synthetic Analogs

CORTICOTROPIN

Pituitary adrenocorticotrophic hormone (ACTH) induced hypoglycaemia. Korányi L, et al. **Acta Physiol Acad Sci Hung** 35:41-6, 1969

Adrenal corticosteroids in submaxillary fluid. Katz FH, et al. **J Dent Res** 48:448-51, May-Jun 69

A radioimmunoassay for human calcitonin M. Clark MB, et al. **Lancet** 2:74-7, 12 Jul 69

[Occupational allergy to protein hormones in the pharmaceutical industry] Pilat L, et al. **Rev Franc Allerg** 7:153-60, Jul-Sep 67 **(Fre)**

[Adenosine-3',5'-monophosphate as a messenger molecule in hormone action] Oye I. **Nord Med** 81:97-101, 23 Jan 69 (17 ref.) **(Swe)**

ADMINISTRATION & DOSAGE

Adrenocorticotrophic potency of long-acting corticotrophin preparations during long-term treatment of neurological patients. Rinne UK. **Ann Med Intern Fenn** 57:167-72, 1968

ACTH and decubitus ulceration: an experimental study. Barton AA, et al. **Brit J Pharmacol** 36:219-24, Jun 69

Corticotrophin and its synthetic analogues. **Brit Med J** 2:809-11, 28 Jun 69

Corticosteroid response to natural and synthetic corticotrophins in the autotransplanted sheep adrenal. France NC, et al. **Endocrinology** 85:570-4, Sep 69

High-dosage short-term corticotrophin therapy in acute asthma. Glick IW, et al. **Thorax** 24:415-20, Jul 69

[Treatment of rheumatic cardiopathies] Mozziconacci P, et al. **Sem Hop Paris** 44:2869-76, 14 Nov 68 **(Fre)**

[Comparative studies on the effect of a beta 1-23-corticotropin-23-amide and an ACTH extract in man] Tamm J, et al. **Arzneimitteiforschung** 19:27-30, Jan 69 **(Ger)**

[Animal experimental studies on synthetic peptides with corticotropin activity. A. Comparison with 3rd international Standard for corticotropin] Vogel HG. **Arzneimitteiforschung** 19:20-4, Jan 69 **(Ger)**

[Contribution on the functional morphology of the neurohypophysis. 3. On the influence of corticoid or ACTH treatment on the appearance of "gomori-positive" granules in the outer layer of the median eminence in rats and mice following bilateral adrenalectomy of hypophysectomy] Bock R, et al. **Z Zellforsch** 96:142-50, 1969 **(Ger)**

[Diagnosis and treatment of epilepsy] Fukuyama Y. **Acta Paediat Jap** 72:1462-83, 1 Oct 68 (25 ref.) **(Jap)**

ADVERSE EFFECTS

Corticotrophin and its synthetic analogues. **Brit Med J** 2:809-11, 28 Jun 69

Low birthweight and postnatal physical development. Sinclair JC, et al. **Develop Med Child Neurol** 11:314-29, Jun 69 (87 ref.)

ANALYSIS

Effect of the median eminence of the pigeon (Columba livia domestica L.) on the regulation of adenohypophysial corticotropin secretion. Péczely P. **Acta Physiol Acad Sci Hung** 35:47-57, 1969

Mitochondrial cavitation and hypertrophy in rat adrenal cortex due to aminoglutethimide. Racela A Jr, et al. **Lab Invest** 21:52-60, Jul 69

The assay of ACTH and the action of ACTH and steroids on corticosteroidogenesis in the mouse. Purrott RJ, et al. **Pflueger Arch** 309:107-14, 1969

Pituitary control of erythropoiesis. Lindemann R, et al. **Scand J Haemat** 6:77-86, 1969

ANTAGONISTS & INHIBITORS

Adenyl cyclase and hormone action. 3. Calcium requirement for ACTH stimulation of adenyl cyclase. Bär HP, et al. **Biochem Biophys Res Commun** 34:681-6, 6 Jun 69

Adrenal cells in tissue culture. IV. Use of an inhibitor of steroid synthesis for the study of ACTH action. Kowal J. **Endocrinology** 85:270-9, Aug 69

Independence of the effects of epinephrine, glucagon, and adrenocorticotropin on glucose utilization from those on lipolysis in isolated rat adipose cells. Blecher M, et al. **J Biol Chem** 244:3423-9, 10 Jul 69

Inhibition of the response to pituitary adrenocorticotrophic hormone in the hypophysectomized rat by circulatory corticosterone. Hill CD, et al. **J Endocr** 42:301-9, Oct 68

Mitochondrial cavitation and hypertrophy in rat adrenal cortex due to aminoglutethimide. Racela A Jr, et al. **Lab Invest** 21:52-60, Jul 69

Effect of sodium salicylate on induced lipolysis in isolated fat cells of the rat. Stone DB, et al. **Metabolism** 18:620-4, Jul 69

[Animal experimental studies on synthetic peptides with corticotropin activity. A. Comparison with 3rd international Standard for corticotropin] Vogel HG. **Arzneimitteiforschung** 19:20-4, Jan 69 **(Ger)**

BIOSYNTHESIS

Histological study of the hypophysis of the transylvanian lamprey (Eudontomyzon danfordi Regan). Molnár B, et al. **Acta Biol Acad Sci Hung** 19:373-9, 1968

Animal cell cultures as a source of hormones. Tashjian AH Jr. **Biotechn Bioengin** 11:109-26, Mar 69

The ACTH cells in the adenohypophysis of the Mexican cave fish Anoptichthys jordani, as identified by metopirone (SU 4885) treatment. Mattheij JA. **Z Zellforsch** 92:588-95, 1968

[Ectopic endocrine syndromes] Dil'man VM, et al. **Vop Onkol** 14:111-8, 1968 (50 ref.) **(Rus)**

BLOOD

Effects of conditioning and some drugs on cold adaptation in rats. Jonec V, et al. **Fed Proc** 28:987-91, May-Jun 69

Normal and abnormal regulation of beta-msh in man. Abe K, et al. **J Clin Invest** 48:1580-5, Aug 69

Plasma corticotrophin levels in primary and secondary adrenocortical insufficiency. Besser GM, et al. **J Endocr** 43:x-xi, Jan 69

Metyrapone and pyrogen tests in hyperadrenocorticism: evaluation of blood corticotropin levels. Litta-Modignani R, et al. **J Endocr** 42:245-51, Oct 68

Laboratory aids in the diagnosis of endocrine disorders. Katz FH. **Med Clin N Amer** 53:79-95, Jan 69 (43 ref.)

[Clinical findings and laboratory diagnosis in Cushing's syndrome] Staub JJ, et al. **Praxis** 57:1398-409, 15 Oct 68 (60 ref.) **(Ger)**

[Anterior pituitary function test] Iwai K, et al. **Jap J Clin Med** 27:248-58, Feb 69 (81 ref.) **(Jap)**

[ACTH] Matsukura S. **Jap J Clin Med** 27:313-8, Feb 69 **(Jap)**

[Adrenal cortex function tests and their interpretation] Miura K. **Jap J Clin Med** 27:278-85, Feb 69 (61 ref.) **(Jap)**

DIAGNOSTIC USE

Corticotrophin and its synthetic analogues. **Brit Med J** 2:809-11, 28 Jun 69

Thron test in leprosy. Chaudhuri SK, et al. **Bull Calcutta Sch Trop Med** 16:121-2, Oct 68

Studies on adrenal cortical function in patients with lung cancer. Kawai A, et al. **Metabolism** 18:609-19, Jul 69

Alternate-day prednisone therapy. Evaluation of delayed hypersensitivity responses, control of disease and steroid side effects. MacGregor RR, et al. **New Eng J Med** 280:1427-31, 26 Jun 69

Criteria for distinguishing normal from subnormal

adrenocortical function using the Synacthen test. Greig WR, et al. **Postgrad Med J** 45:307-13, May 69

[Determination of plasma and urinary cortisol by competition] Kolanowski J, et al. **Ann Endocr (Paris)** 29:473-9, Jul-Aug 68 (Fre)

[Addison's disease and thyrotoxic crisis] Couturier E, et al. **Presse Med** 77:515-6, 22 Mar 69 (Fre)

[Adrenal function test with Synacthen in children] Girard J, et al. **Schweiz Med Wschr** 99:7-10, 4 Jan 69 (Ger)

[Adrenal cortex function tests and their interpretation] Miura K. **Jap J Clin Med** 27:278-85, Feb 69 (61 ref.) (Jap)

[Adrenal reserve in healthy children with normal and enlarged thymus] Modzelewska I. **Pediat Pol** 44:437-42, Apr 69 (Pol)

METABOLISM

Evaluation of the role of the feedback effect of corticosteroids in the control of pituitary ACTH release. Bohus B. **Acta Physiol Acad Sci Hung** 35:141-8, 1969

Area of pons necessary for traumatic stress-induced ACTH release under pentobarbital anesthesia. Gibbs FP. **Amer J Physiol** 217:84-8, Jul 69

[Some new data on the biochemistry of insulin] Gajdos A. **Presse Med** 77:1007-10, 7 Jun 69 (Fre)

[Tumors of the hypophysis in Itsenko-Cushing disease] Soskin LS, et al. **Zh Nevropat Psikhiat Korsakov** 69:286-92, 1969 (101 ref.) (Rus)

PHARMACODYNAMICS

Inductive transformation as a basic phenomenon in the genesis of cells of the zona fasciculata and reticularis of the adrenal cortex. Kahri A. **Acta Anat (Basel)** 71:67-78, 1968

A radio-bioassay for corticotrophin. Bukovsan W. **Acta Endocr (Kobenhavn)** 61:76-82, May 69

Effects of experimental renal hypertension on aldosterone biosynthesis by rat adrenal tissue. Müller J, et al. **Acta Endocr (Kobenhavn)** 60:669-80, Apr 69

Histometric studies on the adrenal cortex of mice with spontaneous adrenocortical lipid depletion. A comparison with dexamethasone- and ACTH-treated C57B1 mice. Moine K. **Acta Path Microbiol Scand** 75:51-63, 1969

The adrenal weight of mice with spontaneous adrenocortical lipid depletion. A comparison with untreated, ACTH- and dexamethasone-treated C57B1 mice. Moine K. **Acta Path Microbiol Scand** 75:37-50, 1969

The role of cyclic AMP in hormone actions. Butcher RW, et al. **Advances Enzym Regulat** 6:357-89, 1968 (139 ref.)

Histochemical and morphologic changes in gastric mucosa of dogs on ulcerogenic regimen. Spicer SS, et al. **Amer J Path** 56:129-51, Jul 69

The influence of pituitary hormones and norepinephrine on the size of adipose cells in organ culture. Slavin BG, et al. **Anat Rec** 164:141-51, Jun 69

Adrenocorticotrophic potency of long-acting corticotrophin preparations during long-term treatment of neurological patients. Rinne UK. **Ann Med Intern Fenn** 57:167-72, 1968

Coexisting anterior pituitary and neurohypophyseal insufficiency. A syndrome with diagnostic implication. Martin MM. **Arch Intern Med (Chicago)** 123:409-16, Apr 69

Adenyl cyclase and hormone action. 3. Calcium requirement for ACTH stimulation of adenyl cyclase. Bär HP, et al. **Biochem Biophys Res Commun** 34:681-6, 6 Jun 69

Adrenal cells in tissue culture. 3. Effect of adrenocorticotropin and 3',5'-cyclic adenosine monophosphate on 11 beta-hydroxylase and other steroidogenic enzymes. Kowal J. **Biochemistry (Wash)** 8:1821-31, May 69

The effect of gonadotropins on testicular adenyl cyclase. Murad F, et al. **Biochim Biophys Acta** 177:591-8, 6 May 69

Hormone control of connective tissue. Asboe-Hansen G. **Brit J Derm** 81:Suppl 2:2-8, 1969 (56 ref.)

Serum free fatty acids, growth hormone, and insulin during trials of ACTH and synthetic subunits. Alley RA, et al. **Clin Pharmacol Ther** 10:515-21, Jul-Aug 69

The bursa of fabricius and adrenal cortical activity of Gallus domesticus. Freeman BM. **Comp Biochem Physiol** 29:639-46, May 69

Inhibition of insulin secretion by aryl-substituted secondary aminoethanols. Bressler R, et al. **Diabetes** 18:262-7, May 69

Effect of corticotropin-releasing factor, dexamethasone and actinomycin D on the release of ACTH from rat pituitaries in vivo and in vitro. Arimura A, et al. **Endocrinology** 85:300-11, Aug 69

The adrenal gland and lactogenesis. Davis JW, et al. **Endocrinology** 85:155-60, Jul 69

Cholesterol side-chain cleavage activity in the adrenal gland of the young rat: development and responsiveness to adrenocorticotropin hormone. Doering CH, et al. **Endocrinology** 85:500-11, Sep 69

Corticosteroid response to natural and synthetic corticotrophins in the autotransplanted sheep adrenal. France NC, et al. **Endocrinology** 85:570-4, Sep 69

Effects of hypophysectomy and ACTH administration on the level of adrenal cholesterol side-chain desmolase. Kimura T. **Endocrinology** 85:492-9, Sep 69

Adrenal cells in tissue culture. IV. Use of an inhibitor of steroid synthesis for the study of ACTH action. Kowal J. **Endocrinology** 85:270-9, Aug 69

Adrenal sterol metabolism in the hamster following ACTH and cortisol administration. Lloyd BJ. **Endocrinology** 85:347-50, Aug 69

Suppression of the hypothalami- c-pituitary-adrenal axis in the newborn dog. Muelheims GH, et al. **Endocrinology** 85:365-7, Aug 69

Effects of sodium deficiency, potassium deficiency and uremia upon the steroidogenic response of rat adrenal tissue to serotonin, potassium ions and adrenocorticotropin. Müller J, et al. **Endocrinology** 85:43-9, Jul 69

Responsiveness to lipolytic hormones, and inactivation of adrenocorticotropin, by adipose tissue slices and free fat cells from different mammalian species. Rudman D, et al. **Endocrinology** 85:209-13, Aug 69

Lipolytic activity of synthetic porcine secretin. Rudman D, et al. **Endocrinology** 85:214-7, Aug 69

Effect of cold exposure and ACTH on RNA, DNA and protein content in adrenal and liver of rats and ground squirrels. Petrović VM, et al. **Fed Proc** 28:1247-50, May-Jun 69

Effect of tolbutamide on the lipolytic response of adipose tissue to adrenaline and ACTH. Augusti KT, et al. **Indian J Biochem** 5:76-7, Jun 68

Adenyl cyclase in fat cells. 1. Properties and the effects of adrenocorticotropin and fluoride. Birnbaumer L, et al. **J Biol Chem** 244:3468-76, 10 Jul 69

Adenyl cyclase in fat cells. II. Hormone receptors. Birnbaumer L, et al. **J Biol Chem** 244:3477-82, 10 Jul 69

Independence of the effects of epinephrine, glucagon, and adrenocorticotropin on glucose utilization from those on lipolysis in isolated rat adipose cells. Blecher M, et al. **J Biol Chem** 244:3423-9, 10 Jul 69

A comparison of the effects of lipolytic and antilipolytic agents on adenosine 3',5'-monophosphate levels in adipose cells as determined by prior labeling with adenine-8-14C. Kuo JF, et al. **J Biol Chem** 244:2252-60, 10 May 69

Studies on the efficiency of adrenocortical 11 beta-hydroxylation in the human subject. Nicolis GL, et al. **J Clin Endocr** 29:831-6, Jun 69

Effect of ACTH on the metabolism of pregnenolone-7 alpha-3H and cortisol-4-14C in young and elderly men. Romanoff LP, et al. **J Clin Endocr** 29:819-30, Jun 69

Normal and abnormal regulation of beta-msh in man. Abe K, et al. **J Clin Invest** 48:1580-5, Aug 69

Stimulation and suppression of aldosterone in plasma of normal man and in primary aldosteronism. Horton R. **J Clin Invest** 48:1230-6, Jul 69

Premature parturition after infusion of corticotrophin or cortisol into foetal lambs. Liggins GC. **J Endocr** 42:323-9, Oct 68

Plasma levels of testosterone in male rabbits following copulation. Haltmeyer GC, et al. **J Reprod Fertil** 19:273-7, Jul 69

Mitochondrial cavitation and hypertrophy in rat adrenal cortex due to aminoglutethimide. Raeela A Jr, et al. **Lab Invest** 21:52-60, Jul 69

Hypertension with inappropriate aldosterone stimulation. Christlieb AR, et al. **New Eng J Med** 281:128-31, 17 Jul 69

The assay of ACTH and the action of ACTH and steroids on corticosteroidogenesis in the mouse. Purrott RJ, et al. **Pflueger Arch** 309:107-14, 1969

Pituitary control of erythropoiesis. Lindemann R, et al. **Scand J Haemat 6:77-86, 1969**

Hormonal regulation of nucleic acid and protein synthesis. O'Malley BW. **Trans NY Acad Sci 31:478-503, May 69**

Effect of ACTH and hypophysectomy on the interrenal tissue in the common frog, Rana temporaria. Van Kemenade JA. **Z Zellforsch 92:549-66, 1968**

[Biochemical and histochemical study of phosphatase activity in the adrenal glands of the rabbit] Jonadet M, et al. **Path Biol (Paris) 16:927-34, Nov 68 (Fre)**

[On the mechanism of action of pyrogenic substances on blood sugar changes] Fóris G, et al. **Acta Med Acad Sci Hung 26:83-92, 1969 (Ger)**

[Comparative studies on the effect of a beta 1-23-corticotropin-23-amide and an ACTH extract in man] Tamm J, et al. **Arzneimitteiforschung 19:27-30, Jan 69 (Ger)**

[Animal experimental studies on synthetic peptides with corticotropin activity. A. Comparison with 3rd international Standard for corticotropin] Vogel HG. **Arzneimitteiforschung 19:20-4, Jan 69 (Ger)**

[Animal experimental studies on synthetic peptides with corticotropin activity. B. Test of a depot-preparation of beta 1-23-corticotropin-23-amide-acetate] Vogel HG. **Arzneimitteiforschung 19:25-7, Jan 69 (Ger)**

[On the action of ouabain-, nicotini acid- and potassium-free incubation media on the ACTH stimulated lipolysis in isolated fat cells] Schwandt P, et al. **Clin Chim Acta 24:267-74, May 69 (Ger)**

[Effect of cyclic adenosine-3',5'-monophosphate (3',5'-AMP) and its dibutyryl derivative (DBA) on lipolysis, glycogenolysis and corticosterone synthesis] Bieck P, et al. **Naunyn Schmiedeberg Arch Pharm Exp Path 263:387-405, 1969 (Ger)**

[Lipolysis on isolated fat cells of obese mice] Mengel K, et al. **Naunyn Schmiedeberg Arch Pharm Exp Path 260:176, 1968 (Ger)**

[Detection of exophthalmus producing factor (EPF) in hyperthyroidism and its sensitization by carticotropin] Weisbecker L, et al. **Schweiz Med Wschr 99:450-2, 29 Mar 69 (Ger)**

[Melatonin and adrenal steroidogenesis] Giordano G, et al. **Arch Maragliano Pat Clin 25:109-17, Mar-Apr 69 (Ita)**

[The endocrinology of puberty and adolescence. Adrenal glands] Takeuchi S, et al. **Clin Endocr (Tokyo) 17:95-100, Feb 69 (Jap)**

[Studies on plasma 17-hydroxycorticosteroid levels in normal pregnant women and newborn infants] Waseda K. **Folia Endocr Jap 44:1207-21, 20 Feb 69 (Jap)**

[Nervous influences on the activity of the adrenal cortex] Abdullin GZ. **Fiziol Zh SSSR Sechenov 54:502-6, Apr 68 (Rus)**

[The effect of hypophysectomy on renal function undergoing compensatory hypertrophy] Vasilenko VA. **Fiziol Zh SSSR Sechenov 53:1193-9, Oct 67 (Rus)**

[Various aspects of the behavior of cesium-137] Zapol'skaia NA, et al. **Radiobiologiia 7:605-8, Jul-Aug 67 (Rus)**

PHYSIOLOGY

Adrenal sterol metabolism in the hamster following ACTH and cortisol administration. Lloyd BJ. **Endocrinology 85:347-50, Aug 69**

Influence of HCG on the production of oestrogens by the adrenal gland. Hall EV van, et al. **J Endocr 43:xxxiv, Jan 69**

SECRETION

Histometric studies on the adrenal cortex of mice with spontaneous adrenocortical lipid depletion. A comparison with dexamethasone- and ACTH-treated C57Bl mice. Moine K. **Acta Path Microbiol Scand 75:51-63, 1969**

Effect of the median eminence of the pigeon (Columba livia domestica L.) on the regulation of adenohypophysial corticotropin secretion. Péczely P. **Acta Physiol Acad Sci Hung 35:47-57, 1969**

Central nervous system lesions that block release of ACTH caused by traumatic stress. Gibbs FP. **Amer J Physiol 217:78-83, Jul 69**

Hypothalamo-pituitary-adrenal function in the rat after prolonged treatment with cortisol. Hodges JR, et al. **Brit J Pharmacol 36:489-95, Jul 69**

Medullary cancer of the thyroid gland associated with hypercorticism. Szijj I, et al. **Cancer 24:167-73, Jul 69**

Effect of corticotropin-releasing factor, dexamethasone and actinomycin D on the release of ACTH from rat pituitaries in vivo and in vitro. Arimura A, et al. **Endocrinology 85:300-11, Aug 69**

Relation of cerebrospinal fluid circulation to the ACTH-suppressing effects of corticosteroid implants in the rat brain. Kendall JW, et al. **Endocrinology 85:200-8, Aug 69**

Inhibition by dexamethasone of the in vivo pituitary response to corticotropin-releasing factor (CRF). Russell SM, et al. **Endocrinology 85:512-21, Sep 69**

Dexamethasone suppression of ACTH release: effect of the interval between steroid administration and the application of stimuli known to release ACTH. Sirett NE, et al. **Endocrinology 85:355-9, Aug 69**

Release of ACTH by substances of central nervous system origin. Wied D de, et al. **Endocrinology 85:561-9, Sep 69**

Allergic encephalomyelitis: inhibition of cellular passive transfer by exogenous and endogenous steroids. Levine S, et al. **Experientia 25:189-90, 15 Feb 69**

Effects of conditioning and some drugs on cold adaptation in rats. Jonec V, et al. **Fed Proc 28:987-91, May-Jun 69**

Pituitary-adrenal function in arrested hydrocephalus. Franks RC. **J Clin Endocr 29:864-5, Jun 69**

Normal and abnormal regulation of beta-msh in man. Abe K, et al. **J Clin Invest 48:1580-5, Aug 69**

Afferent pathways of stressful stimuli: corticotropin release after partial deafferentation of the medial basal hypothalamus. Makara GB, et al. **J Endocr 44:187-93, Jun 69**

Dissociation between production and storage of corticotrophin-releasing factor. Smelik PG, et al. **J Endocr 43:xxxvii, Jan 69**

Bilateral testicular tumors in untreated congenital adrenocortical hyperplasia. Earll JM, et al. **JAMA 209:937-9, 11 Aug 69**

Studies on adrenal cortical function in patients with lung cancer. Kawai A, et al. **Metabolism 18:609-19, Jul 69**

Feedback suppression of 'non-stress' pituitary-adrenal function in rats with forebrain removed. Dunn J, et al. **Neuroendocrinology 4:296-308, 1969**

Exercise, stress, and blood clotting in men. Whiddon TR, et al. **Res Quart 40:431-3, May 69**

[Effects of a vasopressin-corticoid association in patients having an astrocytoma or cerebral metastasis. Evolutive study using complementary methods] Bernard-Weil E, et al. **Neurochirurgia (Stuttgart) 11:189-99, Sep 68 (Fre)**

[Cortisone therapy syntonized with the circadian rhythm of the cortico-adrenal incretion] Bellomi C. **Rass Trim Odont 49:251-7, Jul-Sep 68 (Ita)**

[Anterior pituitary function test] Iwai K, et al. **Jap J Clin Med 27:248-58, Feb 69 (81 ref.) (Jap)**

[Secretion of ACTH and content of vasopressin in hypothalamus in guinea pigs] Leśnik H, et al. **Endokr Pol 20:187-97, May-Jun 69 (Pol)**

STANDARDS

Corticosteroid response to natural and synthetic corticotrophins in the autotransplanted sheep adrenal. France NC, et al. **Endocrinology 85:570-4, Sep 69**

[Animal experimental studies on synthetic peptides with corticotropin activity. A. Comparison with 3rd international Standard for corticotropin] Vogel HG. **Arzneimitteiforschung 19:20-4, Jan 69 (Ger)**

THERAPEUTIC USE

Electrophysiological studies on peripheral nervous function in multiple sclerosis. Rinne UK, et al. **Ann Med Intern Fenn 57:173-7, 1968**

ACTH and decubitus ulceration: an experimental study. Barton AA, et al. **Brit J Pharmacol 36:219-24, Jun 69**

Corticotrophin and its synthetic analogues. **Brit Med J 2:809-11, 28 Jun 69**

Electro-clinical correlations in the treatment of infantile epilepsy (without hypsarrhythmia) with ACTH. Bertamino F, et al. **Electroenceph Clin Neurophysiol 27:97, Jul 69**

The relationship between negative and positive effects of ACTH treatment in myasthenia gravis. Pinelli P, et al. **Electroenceph Clin Neurophysiol 25:514, Nov 68**

Hypopituitarism with paranoid psychosis: a description of two cases. Dissanayake SA, et al. **J Neurol Neurosurg Psychiat 32:233-5, Jun 69**

Transient neurological distrubances in disseminated sclerosis: a case report. Harrison M, et al. **J Neurol Neurosurg Psychiat 32:230-2, Jun 69**

Treatment of retrobulbar neuritis with corticotrophin. Rawson MD, et al. **Lancet 2:222, 26 Jul 69**

Insulin antibodies. Stowers JM. **Postgrad Med J 45:32-9, Jan 69 (59 ref.)**

Microangiopathic haemolytianaemia. **Scot Med J 14:187-9, Jun 69 (21 ref.)**

[Effects of a vasopressin-corticoid association in patients having an astrocytoma or cerebral metastasis. Evolutive study using complementary methods] Bernard-Weil E, et al. **Neurochirurgia (Stuttgart) 11:189-99, Sep 68 (Fre)**

[2 cases of Crohn's disease] Simon GC, et al. **Sem Hop Paris 45:1200-5, 14 Apr 69 (Fre)**

[Serological findings in primary chronic polyarthritis] Legler F. **Deutsch Med Wschr 94:1373-5, 27 Jun 69 (Ger)**

[Therapeutic practice. XV. Therapy of the nephrotic syndrome] Schütterle G, et al. **Med Welt 11:729-32, 16 Mar 68 (Ger)**

[Unusual course of cranial arteritis] Kazmeier F. **Munchen Med Wschr 111:531-4, 7 Mar 69 (Ger)**

[Whipple's disease. Intestinal lipodystrophy] Marsella A. **Nunt Radiol 33:1511-7, Dec 67 (Ita)**

[Electroclinical correlations in corticotropin therapy of infantile non-hypsarrhythmic epilepsy (catamnestic study)] Bertamino F, et al. **Riv Neurol 39:45-52, Jan-Feb 69 (Ita)**

[Treatment of cutaneous porphyrias] Gheorghiu G, et al. **Med Intern (Bucur) 20:1343-52, Nov 68 (Rum)**

[Features of the course of and long-term results of the treatment of periarteritis nodosa] Vil'dt MO. **Ter Arkh 39:50-2, Mar 67 (Rus)**

[The surgical treatment and prevention of intestinal obstruction due to adhesions with the aid of corticosteroids and anticoagulants] Gnilorybov TE. **Vestn Khir Grekov 102:95-9, Jan 69 (Rus)**

[On the pathogenesis and treatment of fulminant and nutatory seizures in children] Vvedenskaia IS, et al. **Zh Nevropat Psikhiat Korsakov 69:587-8, 1969 (Rus)**

URINE

[On diencephalo-hypophyseo-adrenocortical function in various diseases] Kato K, et al. **Clin Endocr (Tokyo) 17:159-63, Mar 69 (Jap)**

FSH

Hormonal allergy in asthma and migraines. Lopez Botet E, et al. **Allerg Asthma (Leipzig) 14:78-84, 1968**

A new syndrome of amenorrhae in association with hypergonadotropism and apparently normal ovarian follicular apparatus. Jones GS, et al. **Amer J Obstet Gynec 104:597-600, 15 Jun 69**

Stokes radius of human pituitary hormones and demonstration of dissociation of luteinizing hormone. Ryan RJ. **Biochemistry (Wash) 8:495-501, Feb 69**

Antigenic structure of human gonadotropins: contribution of carbohydrate moiety to the antigenic structure of pituitary follicle-stimulating hormone. Mori KF. **Endocrinology 85:330-6, Aug 69**

Secretion of C19-steroids and oestrogens in the polycystic ovary syndrome: production and secretion rates measured by isotope dilution in urine. Jeffcoate SL, et al. **J Endocr 42:213-28, Oct 68**

ANALYSIS

Collaborative bioassay of follicle stimulating hormone by the hypophysectomised mouse uterus augmentation assay. Martin FI, et al. **Aust J Exp Biol Med Sci 47:281-2, Apr 69**

Problems in the development of radioimmunoassays for the human pituitary gonadotrophins. Hunter WM. **J Endocr 43:8-10, Jan 69**

The assay of follicle-stimulating hormone by the ovarian augmentation test in nine mouse colonies. Bell ET. **J Reprod Fertil 18:546, Apr 69**

Pituitary levels of FSH and LH at various intervals after ovariectomy in the rat. Labhsetwar AP. **J Reprod Fertil 18:531-3, Apr 69**

Menarche and pubarche. **New Eng J Med 280:1483, 26 Jun 69**

ANTAGONISTS & INHIBITORS

The effect of gonadotropins on testicular adenyl cyclase. Murad F, et al. **Biochim Biophys Acta 177:591-8, 6 May 69**

BIOSYNTHESIS

Ontogenesis of immunoreactive growth hormone, follicle-stimulating hormone, thyroid-stimulating hormine, luteinizing hormone, chorionic prolactin and chorionic gonadotropin in the human conceptus. Gitlin D, et al. **J Clin Endocr 29:926-35, Jul 69**

[On follicle stimulating hormone (FSH) in human urine] Donini P. **Minerva Ginec 19:902-6, 30 Sep 67 (Ita)**

BLOOD

Pituitary--gonadal axis during prolonged total starvation in obese men. Suryanarayana BV, et al. **Amer J Clin Nutr 22:767-70, Jun 69**

Regulation of human gonadotropins. V. Effect of dydrogesterone on serum levels of follicle-stimulating and luteinizing hormones in women. Jafee RB, et al. **Amer J Obstet Gynec 104:1031-7, 1 Aug 69**

Some critical factors in double antibody radioimmunoassay systems utilizing sheep anti-rabbit precipitating sera for measurement of human serum LH, FSH and HGH. Burr IM, et al. **J Clin Endocr 29:948-56, Jul 69**

Comparison of FSH and LH patterns in plasma, urine and urinary extracts during the menstrual cycle. Stevens VC. **J Clin Endocr 29:904-10, Jul 69**

Familial galactorrhea in three sisters with oligo-ovulation. Wider JA, et al. **JAMA 209:669-71, 4 Aug 69**

[Radio-immunologic determination of gonadotropins] Franchimont P. **Ann Endocr (Paris) 29:403-31, Jul-Aug 68 (Fre)**

DIAGNOSTIC USE

The use of human menopausal gonadotropins as a test for the differentiation of primary amenorrhea. Batrinos ML, et al. **Fertil Steril 20:590-8, Jul-Aug 69**

ISOLATION & PURIFICATION

Purification of chicken pituitary follicle-stimulating hormone and luteinizing hormone. Hartree AS, et al. **J Endocr 43:609-16, Apr 69**

[On follicle stimulating hormone (FSH) in human urine] Donini P. **Minerva Ginec 19:902-6, 30 Sep 67 (Ita)**

[Experiment in purifying FSH using anti-HCH serum] Yaoi Y. **J Jap Obstet Gynec Soc 21:163-72, Feb 69 (Jap)**

METABOLISM

[Adult hypothyroidism. I. Clinical study] Leprat J, et al. **Presse Med 77:119-21, 22 Jan 69 (Fre)**

PHARMACODYNAMICS

The effect of gonadotropins on testicular adenyl cyclase. Murad F, et al. **Biochim Biophys Acta 177:591-8, 6 May 69**

Direct effect on the ovary of the adrenergic blocking drug dibenzyline. Ferrando G, et al. **Endocrinology 85:38-42, Jul 69**

Regulation by FSH and ICSH (LH) of reproductive function in the immature male rat. Lostroh AJ. **Endocrinology 85:438-45, Sep 69**

Effect of luteinizing hormone, follicle-stimulating hormone and prolactin on steroid secretion by the autotransplanted ovary of the ewe. Baird DT, et al. **J Endocr 43:18-9, Jan 69**

Secretion of C19-steroids and oestrogens in the polycystic ovary syndrome. Ovarian studies in vivo and in vitro (including studies in vitro on a coincidental granulosa cell tumour). Jeffcoate SL, et al. **J Endocr 42:229-43, Oct 68**

The duration of an FSH effect in vitro. Ryle M. **J Reprod Fertil 19:349-51, Jul 69**

A quantitative in vitro response to follicle-stimulating hormone. Ryle M. J Reprod Fertil 19:87-94, Jun 69
Ascorbic acid biosynthesis of toad kidney as related to experimental alteration of pituitary gonadotropic hormones. Biswas NM. Life Sci 8:363-8, 15 Apr 69
Relationship of in vivo gamete aging and exogenous hormones to early embryo development in rabbits. Maurer RR, et al.
Proc Soc Exp Biol Med 131:882-5, Jul 69
[Experiment in purifying FSH using anti-HCH serum] Yaoi Y. J Jap Obstet Gynec Soc 21:163-72, Feb 69 (Jap)

PHYSIOLOGY

Metabolic disorders of the ovary. Lunenfeld B, et al.
Advances Metab Dis 3:153-207, 1968 (153 ref.)
Histological studies of infantile ovaries on autopsy material. Tóth VG, et al.
Arq Brasil Endocr 17:81-8, Aug 68
Regulation by FSH and ICSH (LH) of reproductive function in the immature male rat. Lostroh AJ.
Endocrinology 85:438-45, Sep 69
Induction of ovulation in pseudopregnant rats. Rees GP van. J Endocr 43:16-8, Jan 69
The female sex cycle. Horrobin DF.
J Theor Biol 22:80-8, Jan 69
[Hypothalamo-pituitary control of the sexual cycle] Baranov VG, et al.
Fiziol Zh SSSR Sechenov 53:1367-75, Nov 67 (Rus)

SECRETION

The response of the rat testis to prolonged administration of an androgen antagonist (cyproterone). Mietkiewski K, et al.
Acta Endocr (Kobenhavn) 60:561-70, Apr 69
Maturation of the hypothalamic-pituitary-gonadal negative feedback system. Baker FD, et al.
Endocrinology 85:522-7, Sep 69
A radio-ligand binding assay system for estradiol measurement in human plasma. Korenman SG, et al.
J Clin Endocr 29:879-83, Jul 69
Pheromone induced changes in the concentration of anterior pituitary acidophils. Avery TL.
J Reprod Fertil 18:161, Feb 69
Oestrus and ovarian histology in the lactating vole (Microtus agrestis). Breed WG.
J Reprod Fertil 18:33-42, Feb 69
Effect of biogenic amines and other substances on the release of follicle stimulating hormone by pituitaries incubated in vitro. Kamberi I, et al.
J Reprod Fertil 18:153, Feb 69
The female sex cycle. Horrobin DF.
J Theor Biol 22:80-8, Jan 69
[Influence of antiovulatory agents in the proestral phase of the ovarian cycle on the excretory gonadotropic activity of the beta- and gamma-cells in the rats anterior hypophysis] Roos J.
Z Zellforsch 95:347-60, 1969 (Fre)
[Changes in the hypothalamo-hypophyseo-gonadal system in male rats at the onset of puberty] Ishii S, et al. Clin Endocr (Tokyo) 17:113-8, Feb 69 (Jap)

STANDARDS

Urinary follicle-stimulating hormone excretion in boys and adult males as measured by radioimmunoassay. Raiti SM, et al. J Clin Endocr 29:884-90, Jul 69

THERAPEUTIC USE

The induction of ovulation. Edwards RL.
Dist Nurs 12:64-7, Jul 69
Infertility. Case AL, et al.
Surg Clin N Amer 49:121-36, Feb 69 (98 ref.)

URINE

Effect of conjugated oestrogen upon gonadotrophin excretion patterns in fetile women. Kaivola S, et al.
Ann Chir Gynaec Fenn 57:596-602, 1968
Coexisting anterior pituitary and neurohypophyseal insufficiency. A syndrome with diagnostic implication. Martin MM.
Arch Intern Med (Chicago) 123:409-16, Apr 69
Urinary follicle-stimulating hormone excretion in boys and adult males as measured by radioimmunoassay. Raiti SM, et al. J Clin Endocr 29:884-90, Jul 69
Comparison of FSH and LH patterns in plasma, urine and urinary extracts during the menstrual cycle. Stevens VC. J Clin Endocr 29:904-10, Jul 69
[Radio-immunologic determination of gonadotropins] Franchimont P.
Ann Endocr (Paris) 29:403-31, Jul-Aug 68 (Fre)
[On follicle stimulating hormone (FSH) in human urine] Donini P.
Minerva Ginec 19:902-6, 30 Sep 67 (Ita)
[The endocrinology of puberty and adolescence. The female sex glands] Matsumoto S.
Clin Endocr (Tokyo) 17:109-12, Feb 69 (Jap)

GONADOTROPINS

Hormonal allergy in asthma and migraines. Lopez Botet E, et al. Allerg Asthma (Leipzig) 14:78-84, 1968
[Occupational allergy to protein hormones in the pharmaceutical industry] Pilat L, et al.
Rev Franc Allerg 7:153-60, Jul-Sep 67 (Fre)
[Recent progress in the field of gonadotropins] Scher W. Boll Chimicofarm 107:93-104, Feb 68 (Ita)
[Human gonadotropins] Dellepiane G.
Minerva Ginec 19:901-2, 30 Sep 67 (Ita)
[Disturbances of the climacterium period] Fijalkowski W. Pieleg Poloz 2:9-10, Feb 69 (Pol)
[The use of KZhK to increase the fertility of sheep] Bogdanov M. Veterinarila 44:86-7, Apr 67 (Rus)

ADMINISTRATION & DOSAGE

[Study of 26 cases of azoospermia and oligoasthenospermia treated by human gonadotropins extracted from the urine of menopausal women (H.M.G.)] Anton JP, et al.
Gynec Obstet (Paris) 67:509-14, Nov-Dec 68 (Fre)

ADVERSE EFFECTS

[Lutein cyst formation of the ovaries with perforation and acute abdomen following HMG-HCG treatment] Friedrich F, et al.
Wien Klin Wschr 81:318-20, 2 May 69 (Ger)

ANALYSIS

A new syndrome of amenorrhae in association with hypergonadotropism and apparently normal ovarian follicular apparatus. Jones GS, et al.
Amer J Obstet Gynec 104:597-600, 15 Jun 69
Amenorrhea associated with emaciation. Timonen S, et al. Ann Chir Gynaec Fenn 57:431-5, 1968
The assay of follicle-stimulating hormone by the ovarian augmentation test in nine mouse colonies. Bell ET. J Reprod Fertil 18:546, Apr 69
[Recent progress in the field of gonadotropins] Scher W. Boll Chimicofarm 107:93-104, Feb 68 (Ita)

BLOOD

Laboratory aids in the diagnosis of endocrine disorders. Katz FH. Med Clin N Amer 53:79-95, Jan 69 (43 ref.)
[The therapeutic problem in pituitary dwarfism. Personal contribution] Conti C, et al.
Folia Endocr (Roma) 21:559-76, Oct 68 (Ita)

DIAGNOSTIC USE

Assessment of ovarian function by stimulation with gonadotrophins. Timonen S, et al.
Ann Chir Gynaec Fenn 57:425-30, 1968
Amenorrhea associated with emaciation. Timonen S, et al. Ann Chir Gynaec Fenn 57:431-5, 1968
The use of human menopausal gonadotropins as a test for the differentiation of primary amenorrhea. Batrinos ML, et al. Fertil Steril 20:590-8, Jul-Aug 69

METABOLISM

[Gonadotropins, meiosis, ovulation. Cytophysiology and human applications. II. Meiogenic function of follicular fluid. Electron microscopy. 2. Human ovocyte. Attempt at comparative ultrastructural cytology] Moricard R.
Rev Franc Gynec Obstet 63:643-94, Dec 68 (Fre)

PHARMACODYNAMICS

Assessment of ovarian function by stimulation with gonadotrophins. Timonen S, et al.
Ann Chir Gynaec Fenn 57:425-30, 1968

The comparative effects of estrogens on amylase levels of cervical mucus. Skerlavay M, et al.
Fertil Steril 20:581-9, Jul-Aug 69

Pharmacological control of reproduction in women. Harper MJ.
Fortschr Arzneimittelforsch 12:47-136, 1968 (748 ref.)

Transport, survival and union of foreign gametes in the genital tract of the rabbit. Baker RD, et al.
J Reprod Fertil 18:161-2, Feb 69

[Study of 13 cases of urinary elimination of testicular steroids after administration of H.M.G. (human menopausal gonadotropins) and H.C.G. (human chorionic gonadotropins)] Jayle MF, et al.
Gynec Obstet (Paris) 67:503-8, Nov-Dec 68 **(Fre)**

[Effect of gonadotropin on aminopeptidase activities in the rat ovary] Kaneyoshi A.
Folia Endocr Jap 44:1286-308, 20 Mar 69 **(Jap)**

[Effects of gonadotropin and ovarian hormones upon evoked potentials in the hypothalamus by stimulation of limbic structures] Kimura F.
J Physiol Soc Jap 31:209-23, 1969 **(Jap)**

PHYSIOLOGY

Regulation of human gonadotropins. V. Effect of dydrogesterone on serum levels of follicle-stimulating and luteinizing hormones in women. Jafee RB, et al.
Amer J Obstet Gynec 104:1031-7, 1 Aug 69

[Basic metabolic phase in the ovary, in relation to the mechanism of gonadotropic action] Tojo S, et al.
Clin Endocr (Tokyo) 17:119-24, Feb 69 (21 ref.) **(Jap)**

SECRETION

Diurnal rhythms of monoamine oxidase activity in the quail hypothalamus during photoperiodic stimulation. Follett BK. **Comp Biochem Physiol** 29:591-600, May 69

Nucleic acid labelling of experimentally-induced cryptorchid rat testis. Hollinger MA, et al.
J Reprod Fertil 18:325-32, Mar 69

Studies on the effect of nidation. 35. Effect of removal of corpora lutea on ovo-implantation and pregnancy in the rat. Kraicer PF. **J Reprod Fertil** 18:75-80, Feb 69

[A case of endocraniosis with endocrine changes in the female genitals and monolateral optic atrophy caused by stenosis of the optic canal] Frezzotti R, et al.
Riv Otoneurooftal 42:483-91, Nov-Dec 67 **(Ita)**

THERAPEUTIC USE

Induction of ovulation. Nelson TE.
J Kansas Med Soc 70:331-6, Jul 69

Variations in steroid responses following ovarian stimulation in women with amenorrhoea. Cox RK.
J Reprod Fertil 19:386, Jul 69

Infertility. Case AL, et al.
Surg Clin N Amer 49:121-36, Feb 69 (98 ref.)

[Diagnosis and treatment of female sterility caused by hormonal disturbances] Hirvonen E.
Duodecim 85:203-10, 1969 **(Fin)**

[Study of 26 cases of azoospermia and oligoasthenospermia treated by human gonadotropins extracted from the urine of menopausal women (H.M.G.)] Anton JP, et al.
Gynec Obstet (Paris) 67:509-14, Nov-Dec 68 **(Fre)**

[Study of 13 cases of urinary elimination of testicular steroids after administration of H.M.G. (human menopausal gonadotropins) and H.C.G. (human chorionic gonadotropins)] Jayle MF, et al.
Gynec Obstet (Paris) 67:503-8, Nov-Dec 68 **(Fre)**

[The effect of gonadotropins on male sub- and infertility] Silló-Seidl G.
Derm Wschr 154:289-93, 30 Mar 68 **(Ger)**

[Lutein cyst formation of the ovaries with perforation and acute abdomen following HMG-HCG treatment] Friedrich F, et al.
Wien Klin Wschr 81:318-20, 2 May 69 **(Ger)**

[Human gonadotropin treatment in decreased pituitary reserve] Rockenschaub A.
Wien Klin Wschr 81:260, 4 Apr 69 **(Ger)**

[Recent progress in the field of gonadotropins] Scher W. **Boll Chimicofarm** 107:93-104, Feb 68 **(Ita)**

URINE

The use of cytostatic drugs in the treatment of trophoblastic neoplasia. Akasu F, et al.
Acta Obstet Gynaec Jap 16:108-17, Apr 69

Experience of the use of 6 alpha-methylnestrenol for patients with genital carcinoma. Rauramo L, et al.
Acta Obstet Gynec Scand 47:528-40, 1968

Cytogenetic studies in premature ovarian failure. Boczkowski K, et al.
Amer J Obstet Gynec 104:594-5, 15 Jun 69

Galactorrhea and amenorrhea with polycystic ovaries. Del Castillo syndrome or polycystic ovarian syndrome. Lavrič MV.
Amer J Obstet Gynec 104:814-7, 15 Jul 69

Urinary testosterone response to human chorionic gonadotropin. Evaluation of male patients with hypogonadotropic hypogonadism. Fariss BL, et al.
Fertil Steril 20:632-8, Jul-Aug 69

Some clinical and hormonal effects of testicular biopsy. Georgescu MM, et al. **Fertil Steril** 20:612-7, Jul-Aug 69

Growth hormone secretion in idiopathic precocious puberty: effect of medroxyprogesterone. Kaplan S, et al. **J Pediat** 75:133-8, Jul 69

Effect of the urinary gonadotropin inhibitor on endogenous and exogenous gonadotrophin. Hipkin LJ.
Nature (London) 221:473-4, 1 Feb 69

[Hormonal background of male sterility] Kaivola S, et al. **Duodecim** 85:237-44, 1969 (32 ref.) **(Fin)**

[Study of 13 cases of urinary elimination of testicular steroids after administration of H.M.G. (human menopausal gonadotropins) and H.C.G. (human chorionic gonadotropins)] Jayle MF, et al.
Gynec Obstet (Paris) 67:503-8, Nov-Dec 68 **(Fre)**

[Preliminary observations on the use of clomiphene in subjects with menstrual disorders and sterility] Moneta E. **Ann Ostet Ginec** 89:590-636, Sep 67 **(Ita)**

[The endocrinology of puberty and adolescence. The female sex glands] Matsumoto S.
Clin Endocr (Tokyo) 17:109-12, Feb 69 **(Jap)**

[Studies of inhibitory substances of gastric secretion. I. Isolation of urogastrone from human primary pregnancy and non-pregnancy urine] Morimoto T, et al. **J Pharm Soc Jap** 89:215-21, Feb 69 **(Jap)**

[Ovarian function tests] Akasu F.
Jap J Clin Med 27:301-5, Feb 69 **(Jap)**

GONADOTROPINS, PITUITARY

ANALYSIS

Effect of carbon tetrachloride on gonadal physiology in female rats. Chatterjee A.
Acta Anat (Basel) 71:82-6, 1968

Influence of pineal gland principles on gonadotrophin-producing cells of the rat anterior pituitary gland: an electron microscopic study. Clementi F, et al. **J Endocr** 44:241-6, Jun 69

Problems in the development of radioimmunoassays for the human pituitary gonadotrophins. Hunter WM.
J Endocr 43:8-10, Jan 69

ANTAGONISTS & INHIBITORS

Effect of the urinary gonadotropin inhibitor on endogenous and exogenous gonadotrophin. Hipkin LJ.
Nature (London) 221:473-4, 1 Feb 69

[Effect of oxytocin on the gonadotropic secretion of rats] Berthelay J, et al.
J Physiol (Paris) 59:Suppl:214, 1967 **(Fre)**

BIOSYNTHESIS

Influence of pineal gland principles on gonadotrophin-producing cells of the rat anterior pituitary gland: an electron microscopic study. Clementi F, et al. **J Endocr** 44:241-6, Jun 69

BLOOD

Problems in the development of radioimmunoassays for the human pituitary gonadotrophins. Hunter WM.
J Endocr 43:8-10, Jan 69

DIAGNOSTIC USE

Assessment of ovarian function by stimulation with gonadotrophins. Timonen S, et al.
Ann Chir Gynaec Fenn 57:425-30, 1968

ISOLATION & PURIFICATION

[Recent progress in the field of gonadotropins] Scher W. **Boll Chimicofarm** 107:93-104, Feb 68 **(Ita)**

PHARMACODYNAMICS

A new syndrome of amenorrhae in association with hypergonadotropism and apparently normal ovarian follicular apparatus. Jones GS, et al. **Amer J Obstet Gynec** 104:597-600, 15 Jun 69

Maintenance of gestation in hypophysectomized rats with highly purified pituitary hormones. Ahmad N, et al. **Anat Rec** 164:291-303, Jul 69

Ascorbic acid biosynthesis of toad kidney as related to experimental alteration of pituitary gonadotropic hormones. Biswas NM. **Life Sci** 8:363-8, 15 Apr 69

PHYSIOLOGY

Cytological deterioration in the adenohypophysial gonadotrophs of Bufo melanostictus during hibernation. Chatterjee A. **J Reprod Fertil** 18:165, Feb 69

[Feminizing testis syndrome. New eunuchoid-hypergonadotropic form] Borghi A, et al. **Rev Franc Endocr Clin** 9:477-88, Nov-Dec 68 **(Fre)**

SECRETION

Effect of gonadectomy on gonadotrophin secretion in androgenized rats. Studies in parabiosis. Mogullevsky JA, et al. **Acta Physiol Lat Amer** 17:200-3, 1967

The arcuate complex of the female rat during the sexual cycle. An electron microscopic study. Zambrano D. **Z Zellforsch** 93:560-70, 1969

[Effects of castration performed during pregnancy on the structure of the rat pituitary] Desclin L, et al. **Ann Endocr (Paris)** 29:461-4, Jul-Aug 68 **(Fre)**

[Effect of surgical trauma on the level of gonadotropins] Miecznikowski A, et al. **Pol Przegl Chir** 41:401-5, 1969 **(Pol)**

THERAPEUTIC USE

The induction of ovulation. Edwards RL. **Dist Nurs** 12:64-7, Jul 69

[The effect of gonadotropins on male sub- and infertility] Silló-Seidl G. **Derm Wschr** 154:289-93, 30 Mar 68 **(Ger)**

URINE

Problems in the development of radioimmunoassays for the human pituitary gonadotrophins. Hunter WM. **J Endocr** 43:8-10, Jan 69

[Effect of surgical trauma on the level of gonadotropins] Miecznikowski A, et al. **Pol Przegl Chir** 41:401-5, 1969 **(Pol)**

LH

Hormonal allergy in asthma and migraines. Lopez Botet E, et al. **Allerg Asthma (Leipzig)** 14:78-84, 1968

A new syndrome of amenorrhae in association with hypergonadotropism and apparently normal ovarian follicular apparatus. Jones GS, et al. **Amer J Obstet Gynec** 104:597-600, 15 Jun 69

Stokes radius of human pituitary hormones and demonstration of dissociation of luteinizing hormone. Ryan RJ. **Biochemistry (Wash)** 8:495-501, Feb 69

Reversible dissociation into subunits and biological activity of ovine luteinizing hormone. De la Llosa P, et al. **Biochim Biophys Acta** 181:426-36, 1 Jul 69

Termination of pregnancy in the rat with rabbit antibovine LH serum. Loewit KK, et al. **Fertil Steril** 20:679-88, Jul-Aug 69

Cyclic 3',5'-AMP and ovarian ascorbate depletion. Cooper JM, et al. **J Endocr** 43:xxxix-xl, Jan 69

ADMINISTRATION & DOSAGE

Persistent estrus: an experimental model of the polycystic ovary syndrome. Singh KB. **Obstet Gynec Survey** 24:2-17, Jan 69 (111 ref.)

ANALYSIS

The reaction of cyanogen bromide with an ovine ICSH subunit: the sequence of the NH2-terminal forty amino acids. Samy TS, et al. **Arch Biochem** 132:315-24, Jun 69

Influence of pineal gland principles on gonadotrophin-producing cells of the rat anterior pituitary gland: an electron microscopic study. Clementi F, et al. **J Endocr** 44:241-6, Jun 69

Levels of hypothalamic luteinizing hormone-releasing factor after exposure to aggression (defeat) in C57BL-6J mice. Eleftheriou BE, et al. **J Endocr** 42:347-8, Oct 68

Problems in the development of radioimmunoassays for the human pituitary gonadotrophins. Hunter WM. **J Endocr** 43:8-10, Jan 69

Pituitary LH content and reproductive tract changes during the mouse oestrous cycle. Bingel AS, et al. **J Reprod Fertil** 19:215-22, Jul 69

Pituitary levels of FSH and LH at various intervals after ovariectomy in the rat. Labhsetwar AP. **J Reprod Fertil** 18:531-3, Apr 69

Pituitary LH content during delayed and post-implantation periods in the armadillo (Dasypus novemcinctus). Labhsetwar AP, et al. **J Reprod Fertil** 18:383-9, Apr 69

Reproductive physiology of the post partum cow. II. Pituitary, adrenal and thyroid function. Wagner WC, et al. **J Reprod Fertil** 18:501-8, Apr 69

ANTAGONISTS & INHIBITORS

The effect of gonadotropins on testicular adenyl cyclase. Murad F, et al. **Biochim Biophys Acta** 177:591-8, 6 May 69

[Effect of oxytocin on the gonadotropic secretion of rats] Berthelay J, et al. **J Physiol (Paris)** 59:Suppl:214, 1967 **(Fre)**

BIOSYNTHESIS

Animal cell cultures as a source of hormones. Tashjian AH Jr. **Biotechn Bioengin** 11:109-26, Mar 69

Ontogenesis of immunoreactive growth hormone, follicle-stimulating hormone, thyroid-stimulating hormine, luteinizing hormone, chorionic prolactin and chorionic gonadotropin in the human conceptus. Gitlin D, et al. **J Clin Endocr** 29:926-35, Jul 69

BLOOD

Pituitary--gonadal axis during prolonged total starvation in obese men. Suryanarayana BV, et al. **Amer J Clin Nutr** 22:767-70, Jun 69

Effect of a combination of norethynodrel and mestranol on plasma luteinizing hormone in normal women. Abraham GE, et al. **Amer J Obstet Gynec** 104:1038-42, 1 Aug 69

Regulation of human gonadotropins. V. Effect of dydrogesterone on serum levels of follicle-stimulating and luteinizing hormones in women. Jafee RB, et al. **Amer J Obstet Gynec** 104:1031-7, 1 Aug 69

Radioimmunoassay of luteinising hormone in human serum. Lazarus L, et al. **Aust J Exp Biol Med Sci** 46:791-4, Dec 68

Radioimmunoassay for ovine luteinizing hormone. Secretion of luteinizing hormone during estrus and following estrogen administration in sheep. Goding JR, et al. **Endocrinology** 85:133-42, Jul 69

Effect of actinomycin D on the inhibitory response of estrogen on LH release. Schally AV, et al. **Endocrinology** 85:290-9, Aug 69

Some critical factors in double antibody radioimmunoassay systems utilizing sheep anti-rabbit precipitating sera for measurement of human serum LH, FSH and HGH. Burr IM, et al. **J Clin Endocr** 29:948-56, Jul 69

Comparison of FSH and LH patterns in plasma, urine and urinary extracts during the menstrual cycle. Stevens VC. **J Clin Endocr** 29:904-10, Jul 69

Familial galactorrhea in three sisters with oligo-ovulation. Wider JA, et al. **JAMA** 209:669-71, 4 Aug 69

Interrelationship between plasma luteinizing hormone and oestradiol in the human menstrual cycle. Corker CS, et al. **Nature (London)** 222:1063, 14 Jun 69

Luteinizing hormone releasing activity of crude ovine hypothalamic extract in man. Root AW, et al. **Nature (London)** 221:570-2, 8 Feb 69

[Radio-immunologic determination of gonadotropins] Franchimont P. **Ann Endocr (Paris)** 29:403-31, Jul-Aug 68 **(Fre)**

[Study of the ovulatory discharge by radio-immunologic analysis of the plasma LH in the normal ewe or one treated by a progestogen] Pelletier

J, et al.
C R Acad Sci [D] (Paris) 268:573-6, 20 Jan 69 (Fre)
[Radioimmunologic determination of LH in bovine serum, with special attention to the estrous cycle] Schams D, et al.
Acta Endocr (Kobenhavn) 61:96-103, May 69 (Ger)

ISOLATION & PURIFICATION

Isolation from human pituitary glands of three discrete electrophoretic components with high luteinizing hormone activity. Peckham WD, et al.
Endocrinology 85:618-22, Sep 69
Purification of chicken pituitary follicle-stimulating hormone and luteinizing hormone. Hartree AS, et al.
J Endocr 43:609-16, Apr 69
[Experiment in purifying FSH using anti-HCH serum] Yaoi Y. **J Jap Obstet Gynec Soc 21:163-72, Feb 69 (Jap)**

METABOLISM

Relationship of pituitary prolactin and LH to mammary and uterine growth of pubertal rats during the estrous cycle. Sinha YN, et al.
Proc Soc Exp Biol Med 131:908-12, Jul 69

PHARMACODYNAMICS

Reversible dissociation into subunits and biological activity of ovine luteinizing hormone. De la Llosa P, et al. **Biochim Biophys Acta 181:426-36, 1 Jul 69**
The effect of gonadotropins on testicular adenyl cyclase. Murad F, et al.
Biochim Biophys Acta 177:591-8, 6 May 69
Regulation of lipid metabolism and progesterone production in rat corpora lutea and ovarian interstitial elements by prolactin and luteinizing hormone. Armstrong DT, et al. **Endocrinology 85:393-401, Sep 69**
Cholesterol esterase stimulation by luteinizing hormone in luteinized rat ovaries. Behrman HR, et al.
Endocrinology 85:474-80, Sep 69
Direct effect on the ovary of the adrenergic blocking drug dibenzyline. Ferrando G, et al.
Endocrinology 85:38-42, Jul 69
Development of corpora lutea from follicles autotransplanted under the kidney capsule in rabbits. Keyes PL, et al. **Endocrinology 85:423-7, Sep 69**
Regulation by FSH and ICSH (LH) of reproductive function in the immature male rat. Lostroh AJ.
Endocrinology 85:438-45, Sep 69
Adenyl cyclase in fat cells. II. Hormone receptors. Birnbaumer L, et al. **J Biol Chem 244:3477-82, 10 Jul 69**
Effect of luteinizing hormone, follicle-stimulating hormone and prolactin on steroid secretion by the autotransplanted ovary of the ewe. Baird DT, et al.
J Endocr 43:18-9, Jan 69
Ovulation in the guinea-pig. Reed M.
J Endocr 43:22-3, Jan 69
Mechanism of ovarian cholesterol mobilization by luteinizing hormone. Behrman HR, et al.
J Reprod Fertil 18:162, Feb 69
Ovarian function and progestin content in response to gonadotrophins. Macdonald GJ.
J Reprod Fertil 19:299-308, Jul 69
A quantitative in vitro response to follicle-stimulating hormone. Ryle M. **J Reprod Fertil 19:87-94, Jun 69**
Ascorbic acid biosynthesis of toad kidney as related to experimental alteration of pituitary gonadotropic hormones. Biswas NM. **Life Sci 8:363-8, 15 Apr 69**
Prolactin-induced morphological luteal regression unaffected by LH. Macdonald GJ, et al.
Proc Soc Exp Biol Med 131:905-7, Jul 69
Relationship of in vivo gamete aging and exogenous hormones to early embryo development in rabbits. Maurer RR, et al.
Proc Soc Exp Biol Med 131:882-5, Jul 69

PHYSIOLOGY

Metabolic disorders of the ovary. Lunenfeld B, et al.
Advances Metab Dis 3:153-207, 1968 (153 ref.)
Regulation of lipid metabolism and progesterone production in rat corpora lutea and ovarian interstitial elements by prolactin and luteinizing hormone. Armstrong DT, et al. **Endocrinology 85:393-401, Sep 69**
Regulation by FSH and ICSH (LH) of reproductive function in the immature male rat. Lostroh AJ.
Endocrinology 85:438-45, Sep 69
Termination of pregnancy in the rat with rabbit antibovine LH serum. Loewit KK, et al.
Fertil Steril 20:679-88, Jul-Aug 69
The female sex cycle. Horrobin DF.
J Theor Biol 22:80-8, Jan 69
[Biosynthesis and metabolism of androgens in the testis in puberty] Oshima H.
Clin Endocr (Tokyo) 17:101-7, Feb 69 (Jap)
[Hypothalamo-pituitary control of the sexual cycle] Baranov VG, et al.
Fiziol Zh SSSR Sechenov 53:1367-75, Nov 67 (Rus)

SECRETION

The response of the rat testis to prolonged administration of an androgen antagonist (cyproterone). Mietkiewski K, et al.
Acta Endocr (Kobenhavn) 60:561-70, Apr 69
Radioimmunoassay for ovine luteinizing hormone. Secretion of luteinizing hormone during estrus and following estrogen administration in sheep. Goding JR, et al. **Endocrinology 85:133-42, Jul 69**
Ovarian ascorbic acid depleting factors in the chicken hypothalamus. Jackson GL, et al.
Endocrinology 85:113-20, Jul 69
Effect of actinomycin D on the inhibitory response of estrogen on LH release. Schally AV, et al.
Endocrinology 85:290-9, Aug 69
Possible role of dopamine as transmitter to promote discharge of LH-releasing factor. Schneider HP, et al.
Endocrinology 85:121-32, Jul 69
Changes in electrical activity in the rat hypothalamus related to electrochemical stimulation of adenohypophyseal function. Terasawa E, et al.
Endocrinology 85:143-9, Jul 69
Effect of steroids on neuropharmacologic blockade of ovulation in pregnant mare's serum (PMS)-primed immature rats. Ying SY, et al.
Endocrinology 84:1466-74, Jun 69
A radio-ligand binding assay system for estradiol measurement in human plasma. Korenman SG, et al.
J Clin Endocr 29:879-83, Jul 69
Effect of progesterone and hypothalamic stimulation on LH release at different stages of the oestrous cycle in the rat. Kaasjager WA. **J Endocr 43:xix-xx, Jan 69**
Ovulation in the guinea-pig. Reed M.
J Endocr 43:22-3, Jan 69
Pheromone induced changes in the concentration of anterior pituitary acidophils. Avery TL.
J Reprod Fertil 18:161, Feb 69
Timing of LH release and ovulation in the post partum mouse. Bingel AS, et al. **J Reprod Fertil 19:231-7, Jul 69**
Timing of LH release and ovulation in the cyclic mouse. Bingel AS, et al. **J Reprod Fertil 19:223-9, Jul 69**
Localization of luteinizing hormone-releasing factor in the pre-optic area. Crighton DB, et al.
J Reprod Fertil 18:166, Feb 69
The effect of pentobarbital on capacitation in the rabbit. Plotka ED, et al.
J Reprod Fertil 18:175-6, Feb 69
Stimulation of release of luteinizing hormone-releasing factor from hypothalamic tissue by dopamine in vitro. Schneider HP, et al. **J Reprod Fertil 18:178, Feb 69**
Luteinizing hormone secretion during the oestrous cycle of the ewe as determined by radio-immunoassay. Wheatley IS, et al. **J Reprod Fertil 19:211-4, Jun 69**
The female sex cycle. Horrobin DF.
J Theor Biol 22:80-8, Jan 69
Neural activation of gonadotropic hormone release by electrical stimulation in the hypothalamus of the guinea pig and the rat. Quinn DL.
Neuroendocrinology 4:254-63, 1969
[Study of the ovulatory discharge by radio-immunologic analysis of the plasma LH in the normal ewe or one treated by a progestogen] Pelletier J, et al.
C R Acad Sci [D] (Paris) 268:573-6, 20 Jan 69 (Fre)
[Influence of antiovulatory agents in the proestral phase of the ovarian cycle on the excretory gonadotropic activity of the beta- and gamma-cells in the rats anterior hypophysis] Roos J.
Z Zellforsch 95:347-60, 1969 (Fre)
[Changes in the hypothalamo-hypophyseo-gonadal system in male rats at the onset of puberty] Ishii S, et al. **Clin Endocr (Tokyo) 17:113-8, Feb 69 (Jap)**

STANDARDS

Isolation from human pituitary glands of three discrete electrophoretic components with high luteinizing

hormone activity. Peckham WD, et al.
Endocrinology 85:618-22, Sep 69
Urinary follicle-stimulating hormone excretion in boys and adult males as measured by radioimmunoassay. Raiti SM, et al. **J Clin Endocr 29:884-90, Jul 69**

URINE

Effect of conjugated oestrogen upon gonadotrophin excretion patterns in fetile women. Kaivola S, et al.
Ann Chir Gynaec Fenn 57:596-602, 1968
Urinary testosterone response to human chorionic gonadotropin. Evaluation of male patients with hypogonadotropic hypogonadism. Fariss BL, et al.
Fertil Steril 20:632-8, Jul-Aug 69
Some clinical and hormonal effects of testicular biopsy. Georgescu MM, et al. **Fertil Steril 20:612-7, Jul-Aug 69**
Comparison of FSH and LH patterns in plasma, urine and urinary extracts during the menstrual cycle. Stevens VC. **J Clin Endocr 29:904-10, Jul 69**
Hormone excretion patterns in perimenopausal women. Papanicolaou AD, et al.
J Endocr 43:xxvi, Jan 69
Estimation of LH in unconcentrated urine by a modified haemagglutination-inhibition reaction. Schuurs AH. **J Endocr 43:xx, Jan 69**
[Radio-immunologic determination of gonadotropins] Franchimont P.
Ann Endocr (Paris) 29:403-31, Jul-Aug 68 (Fre)
[Elimination of chorionic gonadotropic hormone and luteinizing hormone in newborn infants of normal and toxemic mothers] Levy JM, et al.
Arch Franc Pediat 26:73-7, Jan 69 (Fre)
[Immunologic dosage of the urinary luteinizing hormone in female, male and child] Grunewald C, et al. **Presse Med 77:295-6, 15 Feb 69 (Fre)**

LIPOTROPIN

PHARMACODYNAMICS

The influence of pituitary hormones and norepinephrine on the size of adipose cells in organ culture. Slavin BG, et al. **Anat Rec 164:141-51, Jun 69**

URINE

Levels of fat mobilizing substance (FMS) in urine of human subjects in physiological and pathological conditions of increased lipid metabolism. Pawan GL.
Proc Nutr Soc 28:17A-18A, Mar 69

MSH

Development and significance of heterochromia of the iris. Gladstone RM.
Arch Neurol (Chicago) 21:184-91, Aug 69
Persistence of antigen on the surface of macrophages. Unanue ER, et al.
Nature (London) 222:1193-5, 21 Jun 69

ANALYSIS

Normal and abnormal regulation of beta-msh in man. Abe K, et al. **J Clin Invest 48:1580-5, Aug 69**
Post-natal development of rat pituitary melanocyte-stimulating hormone and the effect of light. Howe A, et al.
Nature (London) 222:781, 24 May 69

BLOOD

Modified in vitro assay for melanocyte-stimulating hormones. Kastin AJ, et al.
Experientia 25:192-3, 15 Feb 69
Normal and abnormal regulation of beta-msh in man. Abe K, et al. **J Clin Invest 48:1580-5, Aug 69**
[Anterior pituitary function test] Iwai K, et al. **Jap J Clin Med 27:248-58, Feb 69 (81 ref.) (Jap)**

METABOLISM

[Eye pigmentation disorders in patients treated with phenothiazines] Sizaret P, et al.
Encephale 57:515-24, Nov-Dec 68 (Fre)

PHARMACODYNAMICS

Responsiveness to lipolytic hormones, and inactivation of adrenocorticotropin, by adipose tissue slices and free fat cells from different mammalian species. Rudman D, et al. **Endocrinology 85:209-13, Aug 69**
Modified in vitro assay for melanocyte-stimulating hormones. Kastin AJ, et al.
Experientia 25:192-3, 15 Feb 69
Tricyclic analogs of melatonin. Kobayashi T, et al.
J Med Chem 12:636-8, Jul 69

SECRETION

Normal and abnormal regulation of beta-msh in man. Abe K, et al. **J Clin Invest 48:1580-5, Aug 69**

STANDARDS

Modified in vitro assay for melanocyte-stimulating hormones. Kastin AJ, et al.
Experientia 25:192-3, 15 Feb 69

URINE

[Biochemical studies on the pathogenesis of retinitis pigmentosa. 1. Relative activity of MSH-like substance in the urine of patients with retinitis pigmentosa] Matsuura K.
Folia Ophthal Jap 20:349-53, Apr 69 (Jap)

OXYTOCICS

Some pharmacological and biochemical effects of partially purified planetocin. Cobbin DM, et al.
Comp Biochem Physiol 28:1357-65, Mar 69
[Induction of labor] Palmrich AH.
Oest Hebammenzeitung 14:33-4 passim, Apr 67 (Ger)
[Obstetric drugs. 16] Götz HG.
Pharm Prax 9:265-70, 1967 (84 ref.) (Ger)
[Sparteine sulfate as an oxytocic agent. Clinical considerations on its use during a 3-year period] Colombo PA.
Attualita Ostet Ginec 12:385-401, Sep-Oct 67 (Ita)

ADMINISTRATION & DOSAGE

Clinical trial of intramuscular OCM 505 and intravenous methergin in the third stage of labour. Carpén E, et al.
Ann Chir Gynaec Fenn 57:473-5, 1968

DIAGNOSTIC USE

Studies on the relation between serum oxytocinase and course of labor. Klimek R, et al.
Amer J Obstet Gynec 104:959-63, 1 Aug 69

ISOLATION & PURIFICATION

Some pharmacological and biochemical effects of partially purified planetocin. Cobbin DM, et al.
Comp Biochem Physiol 28:1357-65, Mar 69

PHARMACODYNAMICS

Obstetrical caudal anesthesia: I. A randomized study comparing 1 per cent mepivacaine with 1 per cent lidocaine plus epinephrine. Gunther RE, et al.
Anesthesiology 31:5-19, Jul 69
[Pharmacodynamic properties of phosphorus organic acid derivatives. II] Cheymol J, et al.
Biol Med (Paris) 58:32-87, Jan 69 (373 ref.) (Fre)

THERAPEUTIC USE

Pubertal hemorrhages in girls with a hemorrhagic disorder. Comments on management. Van Creveld S, et al. **Clin Pediat (Phila) 8:398-9, Jul 69**
[Attempt at a study of the effect of aminopromazine (3828 RP) on uterine cervix dilation] Wasfy A.
Gynec Obstet (Paris) 67:553-8, Nov-Dec 68 (Fre)
[Surgical abstention or operation in severe eclampsia] Soutoul JH, et al. **Presse Med 77:352-4, 22 Feb 69 (Fre)**

OXYTOCIN

Studies on the relation between serum oxytocinase and course of labor. Klimek R, et al.
Amer J Obstet Gynec 104:959-63, 1 Aug 69
Evaluation of a rapid enzymatic method for determining placental function. Klimek R, et al.
Clin Chim Acta 24:349-52, Jun 69
Species differences in baboon milk lipase

(tributyrinase) and esterase activities. Buss DH. **Comp Biochem Physiol 29:313-8, Apr 69**

A radioimmunoassay for human calcitonin M. Clark MB, et al. **Lancet 2:74-7, 12 Jul 69**

[The isolated elpithelium of the frog urinary bladder; responses to oxytocin, 3',5'-adenosine monophosphate and theophylline] Parisi M, et al. **Pflueger Arch 309:59-69, 1969 (Fre)**

[Obstetric drugs. 16] Götz HG. **Pharm Prax 9:265-70, 1967 (84 ref.) (Ger)**

ADMINISTRATION & DOSAGE

Therapeutic abortion with hypertonic intraamniotic saline. A clinical experience in a combined community-university hospital. Goodlin RC, et al. **Obstet Gynec 34:1-6, Jul 69**

[Oral oxytocin in stimulation and induction of labor] Blom AB, et al. **Ugeskr Laeg 131:407-11, 6 Mar 69 (Dan)**

[Study of the effects of synthetic oxytocin perfused intravenously in obstetrics to induce labor on the physical state and psychomotor development of the newborn] Sacrez R, et al. **Ann Pediat (Paris) 16:27-33, 2 Jan 69 (Fre)**

[Oxytocin as buccal tablet in its effect on obstetrical results] Rockenschaub A. **Wien Klin Wschr 81:396-7, 23 May 69 (Ger)**

[Transbuccal oxytocin for induction and stimulation of labor] Aure JC. **T Norsk Laegeforen 89:822-3, 1 Jun 69 (Nor)**

ADVERSE EFFECTS

Oxytocin-induced water intoxication. Josey WE, et al. **Amer J Obstet Gynec 104:926, 15 Jul 69**

[Oxytocin as buccal tablet in its effect on obstetrical results] Rockenschaub A. **Wien Klin Wschr 81:396-7, 23 May 69 (Ger)**

ANALYSIS

Comparison of the effects of water deprivation and sodium chloride imbibition on the hormone content of the neurohypophysis of the rat. Jones CW, et al. **J Physiol (London) 203:449-58, Aug 69**

ANTAGONISTS & INHIBITORS

Inhibitory action of a new sympathomimetic amino (DU-21220) on the nongravid uterus. Coutinho EM, et al. **Amer J Obstet Gynec 104:1053-6, 1 Aug 69**

The effect of bradykinin on spontaneous and induced contractions of human uterine muscle in vitro. Belither A. **Canad J Physiol Pharmacol 47:223-6, Feb 69**

[Studies on the problem of resistance to oxytocin and methergin in Toko- and tonolysis induced by fluothane] Hüter J, et al. **Arch Gynaek 206:431-6, 1968 (Ger)**

[Further results on a myogenic inhibitory substance in the human uterus. On oxytocin antagonism of uterine substance] Jung H, et al. **Gynaecologia (Basel) 167:28-34, 1969 (Ger)**

[Effects of estriol on myometrial contraction] Inoue M, et al. **Folia Endocr Jap 44:1203-6, 20 Feb 69 (Jap)**

[Enzymatic inactivation of oxytocin by hens' and cocks' plasma] Suska-Brzezińska E. **Acta Physiol Pol 20:109-15, Jan-Feb 69 (Pol)**

CHEMICAL SYNTHESIS

Solid-phase peptide synthesis. Merrifield RB. **Advances Enzym 32:221-96, 1969 (267 ref.)**

DIAGNOSTIC USE

[On prolonged pregnancy] Schüssling G, et al. **Zbl Gynaek 90:1705-29, 21 Dec 68 (Ger)**

PHARMACODYNAMICS

Biphasic effects of oxytocin on human uterine and tube motility. Nakanishi H, et al. **Aust New Zeal J Obstet Gynaec 8:181-8, Nov 68**

The effect of metals on the S-S polypeptide receptor in depolarized rat uterus. Schild HO. **Brit J Pharmacol 36:329-49, Jun 69**

The effect of bradykinin on spontaneous and induced contractions of human uterine muscle in vitro. Belither A. **Canad J Physiol Pharmacol 47:223-6, Feb 69**

Comparison of two methods for the bioassay of oxytocin. Fabian M, et al. **Endocrinology 85:600-3, Sep 69**

Factors affecting the wash-out rate of calcium from the myometrium. Poláček I, et al. **Europ J Pharmacol 6:143-51, May 69**

Response of trypsin-treated brown and white fat cells to hormones. Preferential inhibition of insulin action. Fain JN, et al. **J Biol Chem 244:3500-6, 10 Jul 69**

The calcium-mediated promotion of mitotic activity in rat thymocyte populations by growth hormone, neurohormones, parathyroid hormone and prolactin. Whitfield JF, et al. **J Cell Physiol 73:203-11, Jun 69**

Intake of NaCL solution in rats with diabetes insipidus. Palmieri GM, et al. **J Comp Physiol Psychol 68:38-44, May 69**

The antidiuretic hormone blocking effect of some oxytocin analogues. Datta H, et al. **J Endocr 42:345-6, Oct 68**

The urinary changes induced in rats by high pitched sound (20 kcyc.-sec.). Ogle CW, et al. **J Endocr 42:253-60, Oct 68**

Electrophysiological actions of oxytocin on the rabbit myometrium. Kleinhaus AL, et al. **J Gen Physiol 53:758-80, Jun 69**

Effect of continued daily injections of oxytocin on oestrous cycle length and reproductive tract morphology in the cow. Donaldson LE. **J Reprod Fertil 18:259-63, Mar 69**

Effect of biogenic amines and other substances on the release of follicle stimulating hormone by pituitaries incubated in vitro. Kamberi I, et al. **J Reprod Fertil 18:153, Feb 69**

The luteo-placental shift, the guardian of pre-natal life. Csapo A. **Postgrad Med J 45:57-64, Jan 69**

[Contribution to the problems of endangering of empolyees in the laboratory production of oxytocin and lysine-vasopressin] Kafka V, et al. **Cas Lek Cesk 108:771-5, 20 Jun 69 (Cze)**

[On the problems of synthetic polypeptides on the basis of oxytocin] Holeček V. **Vnitrni Lek 15:435-41, May 69 (Cze)**

[Effect of oxytocin on the gonadotropic secretion of rats] Berthelay J, et al. **J Physiol (Paris) 59:Suppl:214, 1967 (Fre)**

[Direct and indirect effects of posthypophyseal peptides on bronchomotoricity in guinea pigs] Harichaux P, et al. **J Physiol (Paris) 59:Suppl:243, 1967 (Fre)**

[Lipids during pregnancy and labor pain activity] Jaisle F. **Med Klin 64:139-42, 24 Jan 69 (Ger)**

[Effect of adenosine triphosphate on the rat myometrium stimulated by oxytocic preparations] Lapiński Z. **Ginek Pol 40:353-62, 1969 (Pol)**

[Studies on the bioelectrical phenomena of the cell membrane of the muscle of oviducts] Zasztowt O. **Ginek Pol 40:371-6, 1969 (Pol)**

[Induced labor using breast suckling] Augusto N. **Matern Infanc (S Paulo) 27:189-236, Jul-Sep 68 (Por)**

PHYSIOLOGY

Diabetes insipidus syndrome in hypopituitarism of pregnancy. Case report and a critical review of the literature. Aguiló F Jr, et al. **Acta Endocr (Kobenhavn) 60:Suppl 137:1+, 1969**

Sperm migration in rats with experimental diabetes insipidus. Manabe Y. **J Reprod Fertil 18:371-3, Mar 69**

SECRETION

Neurosecretion. Sachs H. **Advances Enzym 32:327-72, 1969 (147 ref.)**

[Neurosecretion and diabetes insipidus] Koestner A, et al. **Verh Deutsch Ges Path 52:458-64, 1968 (Ger)**

[Posterior pituitary function tests] Saito T, et al. **Jap J Clin Med 27:259-64, Feb 69 (34 ref.) (Jap)**

THERAPEUTIC USE

Induction of labour by amniotomy and oxytocin infusion. **Med J Aust 1:921-2, 3 May 69**

[On the problems of synthetic polypeptides on the basis of oxytocin] Holeček V. **Vnitrni Lek 15:435-41, May 69 (Cze)**

[On prolonged pregnancy] Schüssling G, et al. **Zbl Gynaek 90:1705-29, 21 Dec 68 (Ger)**

[Use of syntometrin in cases of evaculation of the ovum

from the uterine cavity] Sternadel Z, et al. Ginek Pol 40:377-80, 1969 (Pol)

PITUITARY HORMONES, ANTERIOR

[On the existence and importance of a lipid-mobilizing anteropituitary hormone] Rohde W. Z Ges Inn Med 23:689-95, 15 Nov 68 (145 ref.) (Ger)

[Adenosine-3',5'-monophosphate as a messenger molecule in hormone action] Oye I. Nord Med 81:97-101, 23 Jan 69 (17 ref.) (Swe)

ANALYSIS

Cytological deterioration in the adenohypophysial gonadotrophs of Bufo melanostictus during hibernation. Chatterjee A. J Reprod Fertil 18:165, Feb 69

ISOLATION & PURIFICATION

Citation of Dr. Robert W. Bates recipient of the Fred Conrat Koch Award for 1969. (Bates RW), J Clin Endocr 29:1003-5, Jul 69

PHARMACODYNAMICS

The influence of pituitary hormones and norepinephrine on the size of adipose cells in organ culture. Slavin BG, et al. Anat Rec 164:141-51, Jun 69

PHYSIOLOGY

Pituitary hormones and the mechanism of induction of liver cancer with N-hydroxy-N-2-fluorenylacetamide. Weisburger JH, et al. Israel J Med Sci 4:1223-9, Nov-Dec 68

PITUITARY HORMONES, POSTERIOR

4-Proline analogues of neurohypophysial hormones: hypothetical intermediates in peptide evolution. Sawyer WH, et al. Endocrinology 85:385-8, Aug 69

[Direct and indirect effects of posthypophyseal peptides on bronchomotoricity in guinea pigs] Harichaux P, et al. J Physiol (Paris) 59:Suppl:243, 1967 (Fre)

[Occupational allergy to protein hormones in the pharmaceutical industry] Pilat L, et al. Rev Franc Allerg 7:153-60, Jul-Sep 67 (Fre)

ANTAGONISTS & INHIBITORS

Inhibitory action of a new sympathomimetic amino (DU-21220) on the nongravid uterus. Coutinho EM, et al. Amer J Obstet Gynec 104:1053-6, 1 Aug 69

ISOLATION & PURIFICATION

The preparation, purification and characterization of porcine neurophysin. Dicker SE, et al. J Physiol (London) 202:103P+, Jun 69

PHARMACODYNAMICS

Biphasic effects of oxytocin on human uterine and tube motility. Nakanishi H, et al. Aust New Zeal J Obstet Gynaec 8:181-8, Nov 68

Study of reaction of pulmonary vascular bed to some vasoactive agents using serial contrast roentgenovasography. Lazaris YA, et al. Cor Vasa 11:21-8, 1969

4-Proline analogues of neurohypophysial hormones: hypothetical intermediates in peptide evolution. Sawyer WH, et al. Endocrinology 85:385-8, Aug 69

Depressor response to noradrenaline in hypothermic cats. Kar K, et al. Jap J Pharmacol 19:68-73, Mar 69

[Arginine vasotocin and development of branchial permeability to sodium during the passage of soft water and sea water in flounders] Motais R, et al. J Physiol (Paris) 59:Suppl:271, 1967 (Fre)

[On the prevention of disturbances in coronary circulation] Kositskii GI, et al. Kardiologiia 7:58-63, Aug 67 (Rus)

PHYSIOLOGY

[Adaptation of Rana esculenta to various environments. A special study of renal excretion of water and electrolytes during changes in environment] Mayer N. Comp Biochem Physiol 29:27-50, Apr 69 (Fre)

THERAPEUTIC USE

Selective management of hemorrhage from gastro-esophageal varices. Pearlman DM, et al. Ann Surg 170:142-8, Jul 69

PROLACTIN

Molecular weight of human placental lactogen investigated by gel filtration. Andrews P. Biochem J 111:799-800, Mar 69

[The endocrinology of puberty and adolescence. Prolactin] Okamoto R. Clin Endocr (Tokyo) 17:79-86, Feb 69 (53 ref.) (Jap)

ANALYSIS

Estimation of the blood prolactin level. A critical analysis of literary data and of the Sulman--Simkin method of extraction. Kurcz M, et al. Acta Physiol Acad Sci Hung 35:153-66, 1969

Differentiation of growth hormone- and prolactin-containing acidophils with peroxidase-labeled antibody. Baker BL, et al. Anat Rec 164:163-71, Jun 69

Estimation of the molecular weights of the multiple components of growth hormone and prolactin. Cheever EV, et al. Endocrinology 85:465-73, Sep 69

Prolactin activity and human growth hormone in pharyngeal hypophyses from embalmed cadavers. McGrath P. J Endocr 42:205-12, Oct 68

Amino and carboxy-terminal sequences of ovine lactogenic hormone. Li CH, et al. Nature (London) 222:1268-9, 28 Jun 69

Effects of thyroxine and thiouracil on hypothalamic PIF and pituitary prolactin levels. Chen CL, et al. Proc Soc Exp Biol Med 131:576-8, Jun 69

Restoration of pituitary lactogen released in response to suckling. Convey EM, et al. Proc Soc Exp Biol Med 131:543-6, Jun 69

Relationship of pituitary prolactin and LH to mammary and uterine growth of pubertal rats during the estrous cycle. Sinha YN, et al. Proc Soc Exp Biol Med 131:908-12, Jul 69

[Method for prolactin assy, with special reference to a confirmatory trial of the Nicoll method] Hirol M, et al. Clin Endocr (Tokyo) 17:137-9, Feb 69 (Jap)

BIOSYNTHESIS

Ultrastructural changes in the adenohypophysis of hypothyroid rabbits. Foster CL, et al. J Endocr 44:273-7, Jun 69

BLOOD

Estimation of the blood prolactin level. A critical analysis of literary data and of the Sulman--Simkin method of extraction. Kurcz M, et al. Acta Physiol Acad Sci Hung 35:153-66, 1969

Bioassay of prolactin in the blood of goats at parturition. Brumby HI, et al. J Endocr 43:23-4, Jan 69

[Prolactin] Joke T. Jap J Clin Med 27:342-6, Feb 69 (41 ref.) (Jap)

METABOLISM

Differential effects of progesterone on the maternal behavior of primiparous and multiparous rats. Moltz H, et al. J Comp Physiol Psychol 67:36-40, Jan 69

Restoration of pituitary lactogen released in response to suckling. Convey EM, et al. Proc Soc Exp Biol Med 131:543-6, Jun 69

Relationship of pituitary prolactin and LH to mammary and uterine growth of pubertal rats during the estrous cycle. Sinha YN, et al. Proc Soc Exp Biol Med 131:908-12, Jul 69

[The endocrinology of puberty and adolescence. Prolactin] Okamoto R. Clin Endocr (Tokyo) 17:79-86, Feb 69 (53 ref.) (Jap)

PHARMACODYNAMICS

The effect of hormone treatment upon the duration of

incubation in the Bengalese finch. Eisner E. **Behaviour** 33:262-76, 1969

Luteotrophic activity of rat hypophysial mammotrophin. Ahmad N, et al. **Endocrinology** 85:378-80, Aug 69

Regulation of lipid metabolism and progesterone production in rat corpora lutea and ovarian interstitial elements by prolactin and luteinizing hormone. Armstrong DT, et al. **Endocrinology** 85:393-401, Sep 69

Prolactin and the ventral prostate gland in juvenile rats. Von Berswordt-Wallrabe, et al. **Experientia** 25:533-4, 15 May 69

The calcium-mediated promotion of mitotic activity in rat thymocyte populations by growth hormone, neurohormones, parathyroid hormone and prolactin. Whitfield JF, et al. **J Cell Physiol** 73:203-11, Jun 69

Effect of luteinizing hormone, follicle-stimulating hormone and prolactin on steroid secretion by the autotransplanted ovary of the ewe. Baird DT, et al. **J Endocr** 43:18-9, Jan 69

Ovarian function and progestin content in response to gonadotrophins. Macdonald GJ. **J Reprod Fertil** 19:299-308, Jul 69

Prolactin-induced morphological luteal regression unaffected by LH. Macdonald GJ, et al. **Proc Soc Exp Biol Med** 131:905-7, Jul 69

Pituitary control of erythropoiesis. Lindemann R, et al. **Scand J Haemat** 6:77-86, 1969

[Ultrastructural aspects of the rabbit mammary gland during lactogenesis] Bousquet M, et al. **Z Zellforsch** 96:418-36, 1969 **(Fre)**

[Structural changes of the kidney in hypophysectomized eels treated with prolactin] Olivereau M, et al. **Z Zellforsch** 95:361-76, 1969 **(Fre)**

[Body growth and metabolism of iodine in larvae of Bufo bufo treated with prolactin: study with I-125] Campantico E, et al. **Ric Sci** 38:980-5, Oct 68 **(Ita)**

[Increase of the glucose and decrease of the free fatty acids in the perfusion fluid of the isolated rat liver due to the influence of ovine prolactin] Costiner E, et al. **Stud Cercet Endocr** 19:487-92, 1968 **(Rum)**

[The effect of gonadotropic, lactogenic and sex hormones on milk secretion] Gotsulenko BR. **Fiziol Zh SSSR Sechenov** 54:971-8, Aug 68 **(Rus)**

PHYSIOLOGY

Regulation of lipid metabolism and progesterone production in rat corpora lutea and ovarian interstitial elements by prolactin and luteinizing hormone. Armstrong DT, et al. **Endocrinology** 85:393-401, Sep 69

[The endocrinology of puberty and adolescence. Prolactin] Okamoto R. **Clin Endocr (Tokyo)** 17:79-86, Feb 69 (53 ref.) **(Jap)**

SECRETION

Hypothalamic potentials evoked by electrical stimulation of the vaginal cervix in the estrous guinea-pig. Inoué S. **Kybernetik** 5:171-3, Jan 69

Immunoreactive human growth hormone in conditions associated with galactorrhea. Benjamin F, et al. **Obstet Gynec** 34:34-9, Jul 69

Effects of thyroxine and thiouracil on hypothalamic PIF and pituitary prolactin levels. Chen CL, et al. **Proc Soc Exp Biol Med** 131:576-8, Jun 69

[Effects of castration performed during pregnancy on the structure of the rat pituitary] Desclin L, et al. **Ann Endocr (Paris)** 29:461-4, Jul-Aug 68 **(Fre)**

STANDARDS

Luteotrophic activity of rat hypophysial mammotrophin. Ahmad N, et al. **Endocrinology** 85:378-80, Aug 69

URINE

[The endocrinology of puberty and adolescence. Prolactin] Okamoto R. **Clin Endocr (Tokyo)** 17:79-86, Feb 69 (53 ref.) **(Jap)**

SOMATOTROPIN

Molecular weight of human placental lactogen investigated by gel filtration. Andrews P. **Biochem J** 111:799-800, Mar 69

Stokes radius of human pituitary hormones and demonstration of dissociation of luteinizing hormone. Ryan RJ. **Biochemistry (Wash)** 8:495-501, Feb 69

Chemical and biological characterization of methylated bovine growth hormone. Liberti JP, et al. **Biochim Biophys Acta** 181:176-83, May 69

Experimental diabetic microangiopathy. I. Basement membrane statistics in the dog. Bloodworth JM Jr, et al. **Diabetes** 18:455-8, Jul 69

[Optic and electron microscopical research on the anterior pituitary somatotgropic cells of the golden hamster (Mesocricetus auratus Waterh)] Girod C, et al. **C R Acad Sci [D] (Paris)** 268:2361-3, 12 May 69 **(Fre)**

[A method for labeling human growth hormone with isotope 131-I] Stelmasiak T, et al. **Acta Physiol Pol** 20:199-208, Jan-Feb 69 **(Pol)**

ADMINISTRATION & DOSAGE

Low birthweight and postnatal physical development. Sinclair JC, et al. **Develop Med Child Neurol** 11:314-29, Jun 69 (87 ref.)

ADVERSE EFFECTS

Growth hormone activity in man of chymotryptic digests of bovine growth hormone. Sonenberg M, et al. **J Endocr** 44:255-65, Jun 69

ANALYSIS

Differentiation of growth hormone- and prolactin-containing acidophils with peroxidase-labeled antibody. Baker BL, et al. **Anat Rec** 164:163-71, Jun 69

Chemical and biological characterization of methylated bovine growth hormone. Liberti JP, et al. **Biochim Biophys Acta** 181:176-83, May 69

Estimation of the molecular weights of the multiple components of growth hormone and prolactin. Cheever EV, et al. **Endocrinology** 85:465-73, Sep 69

Solid phase radioimmunoassay for plasma human growth hormone. Giustina G, et al. **Folia Endocr (Roma)** 21:643-54, Oct 68

Inhibition of growth and width of tibial cartilage in rats by a contraceptive agent. Husain SM, et al. **Growth** 33:17-24, Mar 69

Prolactin activity and human growth hormone in pharyngeal hypophyses from embalmed cadavers. McGrath P. **J Endocr** 42:205-12, Oct 68

Growth hormone activity in man of chymotryptic digests of bovine growth hormone. Sonenberg M, et al. **J Endocr** 44:255-65, Jun 69

[Preparation of radio-iodated human somatotropic hormone for radioimmunological determination] Giustina G, et al. **Folia Endocr (Roma)** 21:632-42, Oct 68 **(Ita)**

ANTAGONISTS & INHIBITORS

Effect of GH-releasing factor and GH-inhibiting factor on the release and concentration of GH in pituitaries incubated in vitro. Krulich L, et al. **Endocrinology** 85:319-24, Aug 69

Effect of sodium salicylate on induced lipolysis in isolated fat cells of the rat. Stone DB, et al. **Metabolism** 18:620-4, Jul 69

[Influence of the parathyroids on the action of somatotropin hormone (S.T.H.) in female rats] Prelot M, et al. **J Physiol (Paris)** 59:Suppl:283, 1967 **(Fre)**

BIOSYNTHESIS

Animal cell cultures as a source of hormones. Tashjian AH Jr. **Biotechn Bioengin** 11:109-26, Mar 69

Ontogenesis of immunoreactive growth hormone, follicle-stimulating hormone, thyroid-stimulating hormine, luteinizing hormone, chorionic prolactin and chorionic gonadotropin in the human conceptus. Gitlin D, et al. **J Clin Endocr** 29:926-35, Jul 69

BLOOD

Growth hormone levels in children with congenital heart disease. Bacon GE, et al. **Amer Heart J** 78:280-1, Aug 69

Serial hormonal studies in normal and abnormal pregnancy. Samaan NA, et al. **Amer J Obstet Gynec** 104:781-94, 15 Jul 69

Total lipodystrophy. Fairney A, et al. **Arch Dis Child** 44:368-72, Jun 69

Serum glucose, insulin, and growth hormone in chronic

hepatic cirrhosis. Samaan NA, et al.
Arch Intern Med (Chicago) 124:149-52, Aug 69
On the presence of immunoreactive growth hormone in a bronchogenic carcinoma. Cameron DP, et al.
Aust Ann Med 18:143-6, May 69
Modification of hormonal responses to arginine by alpha-adrenergic blockade. Buckler JM, et al.
Brit Med J 3:153-4, 19 Jul 69
Serum free fatty acids, growth hormone, and insulin during trials of ACTH and synthetic subunits. Alley RA, et al. **Clin Pharmacol Ther** 10:515-21, Jul-Aug 69
In vitro metabolism of glucose by adipose tissue from rats bearing a growth hormone secreting tumor (MtTW15). Chattopadhyay DP, et al.
Diabetes 18:387-91, Jun 69
Influence of physiologic fluctuations in plasma growth hormone on glucose tolerance. Yalow RS, et al.
Diabetes 18:402-8, Jun 69
Comparison of the mechanisms underlying carbohydrate intolerance in subclinical diabetic women during pregnancy and during post-partum oral contraceptive steroid treatment. Beck P, et al.
J Clin Endocr 29:807-18, Jun 69
Some critical factors in double antibody radioimmunoassay systems utilizing sheep anti-rabbit precipitating sera for measurement of human serum LH, FSH and HGH. Burr IM, et al.
J Clin Endocr 29:948-56, Jul 69
Growth hormone response to insulin-induced hypoglycemia in thyrotoxicosis. Rosenfeld PS, et al.
J Clin Endocr 29:777-80, Jun 69
Studies of substrate regulation in fasting. II. Effect of infusion of glucose io the carotid artery upon fasting lipolysis in the baboon. Conway MJ, et al.
J Clin Invest 48:1349-62, Aug 69
Some aspects of carbohydrate metabolism in pregnancy with special reference to the energy metabolism and hormonal status of the infant of the diabetic woman and the diabetogenic effect of pregnancy. Baird JD.
J Endocr 44:139-72, May 69 (279 ref.)
Clinical and laboratory study of the relationship between human growth hormone and the development of clinical diabetes mellitus. Baird JD, et al. **J Endocr** 43:13-4, Jan 69
Response of immunoreactive growth hormone, immunoreactive insulin, free fatty acids and blood sugar to exercise in obese patients and in normal subjects. Haar DJ ter, et al. **J Endocr** 43:xi-xii, Jan 69
Changes in plasma growth hormone levels in retarded children. Hillman J, et al.
J Ment Defic Res 12:294-306, Dec 68
Beta adrenergic blockade and juvenile diabetes: acute studies and long-term therapeutic trial. Evidence for the role of catecholamines in mediating diabetic decompensation following emotional arousal. Baker L, et al. **J Pediat** 75:19-29, Jul 69
Growth hormone secretion in idiopathic precocious puberty: effect of medroxyprogesterone. Kaplan S, et al. **J Pediat** 75:133-8, Jul 69
Familial galactorrhea in three sisters with oligo-ovulation. Wider JA, et al.
JAMA 209:669-71, 4 Aug 69
Specific and non-specific factors in arginine test. Nakagawa K, et al. **Lancet** 1:1320, 28 Jun 69
Continuous blood glucose analysis in ambulatory fed subjects. II. Effects of anticoagulation with heparin. Service FJ, et al. **Mayo Clin Proc** 44:466-77, Jul 69
Laboratory aids in the diagnosis of endocrine disorders. Katz FH. **Med Clin N Amer** 53:79-95, Jan 69 (43 ref.)
Pheochromocytoma: observations on mechanism of carbohydrate intolerance and abnormalities associated with development of Goldblatt kidney following removal of tumor. Brooks MH, et al.
Metabolism 18:445-59, Jun 69
Fluctuations of human growth hormone secretion during menstrual cycle: response to arginine. Merimee TJ, et al. **Metabolism** 18:606-8, Jul 69
Metabolic response to simultaneous infusion of epinephrine and propranolol in obese adolescents. Parra A, et al. **Metabolism** 18:497-508, Jun 69
Active acromegaly with anterior pituitary failure. Plummer AL, et al. **Metabolism** 18:469-75, Jun 69
Serum insulin and growth hormone in lipoatrophic diabetes. Samaan NA, et al.
Metabolism 18:460-8, Jun 69
Setting the stage. Crawford JD.
New Eng J Med 280:1475-6, 26 Jun 69
Glucose intolerance in cystic fibrosis. Handwerger S, et al. **New Eng J Med** 281:451-61, 28 Aug 69
Arginine-initiated release of human growth hormone. Factors modifying the response in normal man. Merimee TJ, et al. **New Eng J Med** 280:1434-8, 26 Jun 69
Immunoreactive human growth hormone in conditions associated with galactorrhea. Benjamin F, et al.
Obstet Gynec 34:34-9, Jul 69
Plasma insulin response during oral glucose tolerance tests in newborns of normal and gestational diabetic mothers. Pildes RS, et al. **Pediatrics** 44:76-83, Jul 69
Growth and growth hormone. IV. Limitations of the growth hormone response to insulin and arginine and of the immunoreactive insulin response to arginine in the assessment of growth hormone deficiency in children. Youlton R, et al.
Pediatrics 43:989-1004, Jun 69
Effect of insulin on the metabolism of fat and carbohydrate in growth-onset diabetes with angiolopathy. Michaelis D, et al.
Pol Arch Med Wewnet 42:487-95, 1969
The reaction of growth hormone (GH), insuline, FFA and glucose to exercise in obese patients and in normal subjects. Schwarz F, et al.
Pol Arch Med Wewnet 42:531-42, 1969
Human growth hormone release: relation to slow-wave sleep and sleep-walking cycles. Sassin JF, et al.
Science 165:513-5, 1 Aug 69
Pituitary tumors. Hekmatpanah J.
Surg Clin N Amer 49:163-78, Feb 69
Renal handling of insulin and growth hormone in hemorrhagic shock. McCormick JR, et al.
Surgery 66:175-80, Jul 69
Metabolic studies in the African pygmy. Merimee TJ, et al. **Trans Ass Amer Physicians** 81:221-30, 1968
[Idiopathic hypertrophic osteoarthropathy or pachydermoperiostosis] Reintoft I.
Ugeskr Laeg 131:1134-6, 26 Jun 69 **(Dan)**
[Cerebral gigantism (apropos of a case with a study of somatotropic function)] Gaudier B, et al.
Pediatrie 24:325-37, Apr-May 69 **(Fre)**
[Essential dwarfism and XO-XX mosaicism] Aubert L, et al. **Presse Med** 77:1051-2, 14 Jun 69 **(Fre)**
[The therapeutic problem in pituitary dwarfism. Personal contribution] Conti C, et al.
Folia Endocr (Roma) 21:559-76, Oct 68 **(Ita)**
[Study on the growth hormone secretion in diabetic retinopathy. I. Growth hormone in relation to diabetic and non-diabetic retinopathy] Takeo K.
Acta Soc Ophthal Jap 73:153-71, Feb 69 **(Jap)**
[The endocrinology of puberty and adolescence. Growth hormone] Shizume K, et al.
Clin Endocr (Tokyo) 17:73-7, Feb 69 **(Jap)**
[Method for the diagnosis of dwarfism in infants using plasma growth hormone measurement] Takeuchi K, et al. **Clin Endocr (Tokyo)** 17:148-51, Mar 69 **(Jap)**
[Growth hormone] Demura H, et al.
Jap J Clin Med 27:319-25, Feb 69 **(Jap)**
[Anterior pituitary function test] Iwai K, et al.
Jap J Clin Med 27:248-58, Feb 69 (81 ref.) **(Jap)**
[Familial isolated growth hormone deficiency] Kumahara Y, et al. **Naika** 23:580-4, Mar 69 **(Jap)**
[Effect of lactation level of cows on the disappearance rate of I-131-labelled growth hormone from the blood] Fitko R, et al. **Endokr Pol** 20:209-16, May-Jun 69 **(Pol)**
[Disappearance rate of I-131-labelled growth hormone from the blood of different breeds of calves] Stelmasiak T, et al.
Endokr Pol 20:199-208, May-Jun 69 **(Pol)**

METABOLISM

Human growth hormone and alpha-2-macroglobulin: a study of binding. Adham NF, et al.
Arch Biochem 132:175-83, Jun 69
Renal handling of insulin and growth hormone in hemorrhagic shock. McCormick JR, et al.
Surgery 66:175-80, Jul 69
[On the existence and importance of a lipid-mobilizing anteropituitary hormone] Rohde W.
Z Ges Inn Med 23:689-95, 15 Nov 68 (145 ref.) **(Ger)**

PHARMACODYNAMICS

The influence of pituitary hormones and norepinephrine on the size of adipose cells in organ culture. Slavin BG, et al. **Anat Rec** 164:141-51, Jun 69
Chemical and biological characterization of methylated bovine growth hormone. Liberti JP, et al.
Biochim Biophys Acta 181:176-83, May 69
Hormone control of connective tissue. Asboe-Hansen G. **Brit J Derm** 81:Suppl 2:2-8, 1969 (56 ref.)
Effect of growth hormone and thyroxinon isometric

contractile mechanics of cardiac muscle. Minelli R, et al. **Canad J Physiol Pharmacol** 47:545-52, Jun 69

In vitro metabolism of glucose by adipose tissue from rats bearing a growth hormone secreting tumor (MtTW15). Chattopadhyay DP, et al. **Diabetes** 18:387-91, Jun 69

Actions of insulin and growth hormone on colagen and chondroitin sulfate synthesis in bone organ cultures. Wettenhall RE, et al. **Diabetes** 18:280-4, May 69

Effects of growth hormone administration on free fatty acid and glycerol turnover in the normal dog. Winkler B, et al. **Endocrinology** 85:25-30, Jul 69

Some actions of hormones in the regulation of glucose metabolism. Hales CN. **Essays Biochem** 3:73-104, 1967 (108 ref.)

Important aspects of the metabolism of the liver cell revealed in selected references. Mulligan RM. **Exp Med Surg** 26:66-95, 1968 (51 ref.)

Response of trypsin-treated brown and white fat cells to hormones. Preferential inhibition of insulin action. Fain JN, et al. **J Biol Chem** 244:3500-6, 10 Jul 69

Protein turnover in skeletal muscle. I. Protein catabolism during work-induced hypertrophy and growth induced with growth hormone. Goldberg AL. **J Biol Chem** 244:3217-22, 25 Jun 69

The calcium-mediated promotion of mitotic activity in rat thymocyte populations by growth hormone, neurohormones, parathyroid hormone and prolactin. Whitfield JF, et al. **J Cell Physiol** 73:203-11, Jun 69

The Ernst Oppenheimer Memorial Award to Dr. Jack L. Kostyo. (Kostyo JL), **J Clin Endocr** 29:1005-6, Jul 69

Growth hormone activity in man of chymotryptic digests of bovine growth hormone. Sonenberg M, et al. **J Endocr** 44:255-65, Jun 69

Action of various agents on rabbit blastocysts in vivo and in vitro. Lutwak-Mann C, et al. **J Reprod Fertil** 18:235-57, Mar 69

Human chorionic somato-mammotropine (HCSM): lipolytic action of a pure preparation on isolated fat cells. Genazzani AR, et al. **Metabolism** 18:593-8, Jul 69

On the presence of glutaminase in muscle. Ottaway JH. **Quart J Exp Physiol** 54:56-9, Jan 69

Glutamine metabolism in the perfused rat heart. Ottaway JH. **Quart J Exp Physiol** 54:49-55, Jan 69

The effects of cortisone and somatotrophin on bone growth in rats. Raman A. **Quart J Exp Physiol** 54:11-5, Jan 69

Hormonal regulation of nucleic acid and protein synthesis. O'Malley BW. **Trans NY Acad Sci** 31:478-503, May 69

[Influence of human growth on the glycolysis of human red cells in vitro] Ludescher E, et al. **Clin Chim Acta** 24:423-30, Jun 69 **(Ger)**

[Effects of amiloride and triamterene on lipolysis and enzyme-induced glucose transport in isolated fat cells] Bruchhausen F von, et al. **Naunyn Schmiedeberg Arch Pharm Exp Path** 262:251-63, 1969 **(Ger)**

[Influence of somatotropin hormone on the glomerular filtrate and on the Tm of glucose on the aged] Marelli G. **Acta Geront (Milano)** 18:71-9, Apr-Jun 68 **(Ita)**

[Experimental studies on the influence of thyroid hormones and some other hormonal factors on diabetic acidosis] Karwowska-Stauber L, et al. **Acta Diabet Lat** 6:56-73, Jan-Mar 69 **(Mul)**

PHYSIOLOGY

Some actions of hormones in the regulation of glucose metabolism. Hales CN. **Essays Biochem** 3:73-104, 1967 (108 ref.)

Some aspects of carbohydrate metabolism in pregnancy with special reference to the energy metabolism and hormonal status of the infant of the diabetic woman and the diabetogenic effect of pregnancy. Baird JD. **J Endocr** 44:139-72, May 69 (279 ref.)

[Animal experimental studies on the regulation of DNA synthesis, RNA synthesis and protein synthesis during physiological growth and their modification by anabolic and antianabolic substances] Truckenbrodt H. **Aerztl Forsch** 23:121-38, 10 Apr 69 **(Ger)**

[Hormonal influences on the blood picture] Bucher U, et al. **Schweiz Med Wschr** 99:748-51, 17 May 69 **(Ger)**

[Endocrinology] Yoshida H. **Naika** 23:40-6, Jan 69 (25 ref.) **(Jap)**

SECRETION

Growth hormone secretion in growth-retarded asthmatic children. Sanders SS, et al. **Brit Med J** 3:25-6, 5 Jul 69

In vitro metabolism of glucose by adipose tissue from rats bearing a growth hormone secreting tumor (MtTW15). Chattopadhyay DP, et al. **Diabetes** 18:387-91, Jun 69

Effect of GH-releasing factor and GH-inhibiting factor on the release and concentration of GH in pituitaries incubated in vitro. Krulich L, et al. **Endocrinology** 85:319-24, Aug 69

Growth hormone secretion by pituitary grafts under the median eminence or renal capsule. Peng MT, et al. **Endocrinology** 85:360-5, Aug 69

Human growth hormone release during sleep: electroencephalographic correlation. Parker DC, et al. **J Clin Endocr** 29:871-4, Jun 69

Growth hormone secretion in idiopathic precocious puberty: effect of medroxyprogesterone. Kaplan S, et al. **J Pediat** 75:133-8, Jul 69

Fluctuations of human growth hormone secretion during menstrual cycle: response to arginine. Merimee TJ, et al. **Metabolism** 18:606-8, Jul 69

Serum insulin and growth hormone in lipoatrophic diabetes. Samaan NA, et al. **Metabolism** 18:460-8, Jun 69

Purification of a growth hormone-inhibiting factor (CIF) from sheep hypothalamus. Dhariwal AP, et al. **Neuroendocrinology** 4:282-8, 1969

Immunoreactive human growth hormone in conditions associated with galactorrhea. Benjamin F, et al. **Obstet Gynec** 34:34-9, Jul 69

Growth and growth hormone. IV. Limitations of the growth hormone response to insulin and arginine and of the immunoreactive insulin response to arginine in the assessment of growth hormone deficiency in children. Youlton R, et al. **Pediatrics** 43:989-1004, Jun 69

[Effect of hypoglycemia on secretion of somatotropic hormone (STH) in myxedema] Brauman H, et al. **Ann Endocr (Paris)** 29:465-72, Jul-Aug 68 **(Fre)**

[Study on the growth hormone secretion in diabetic retinopathy. I. Growth hormone in relation to diabetic and non-diabetic retinopathy] Takeo K. **Acta Soc Ophthal Jap** 73:153-71, Feb 69 **(Jap)**

[The endocrinology of puberty and adolescence. Growth hormone] Shizume K, et al. **Clin Endocr (Tokyo)** 17:73-7, Feb 69 **(Jap)**

THERAPEUTIC USE

Mesenchymal aspects of dermatology. Asboe-Hansen G. **Acta Dermatovener (Stockholm)** 49:1-5, 1969

Growth hormone secretion in growth-retarded asthmatic children. Sanders SS, et al. **Brit Med J** 3:25-6, 5 Jul 69

Big variability in "little" people. **JAMA** 209:411-2, 21 Jul 69

[The therapeutic problem in pituitary dwarfism. Personal contribution] Conti C, et al. **Folia Endocr (Roma)** 21:559-76, Oct 68 **(Ita)**

[A study of radiation hypophysectomy for prostatic cancer. (1) Review of the pituitary ablation in literature] Momose G, et al. **Jap J Urol** 60:145-57, Feb 69 (192 ref.) **(Jap)**

URINE

Urinary testosterone response to human chorionic gonadotropin. Evaluation of male patients with hypogonadotropic hypogonadism. Fariss BL, et al. **Fertil Steril** 20:632-8, Jul-Aug 69

THYROTROPIN

Effect of exogenous thyroxine on 3H-thymidine uptake in mouse pituitary gland. Messier B. **Acta Endocr (Kobenhavn)** 61:133-6, May 69

Long-acting thyroid stimulator (LATS). Miyai K. **Acta Path Jap** 18:504-7, Nov 68

Stokes radius of human pituitary hormones and demonstration of dissociation of luteinizing hormone. Ryan RJ. **Biochemistry (Wash)** 8:495-501, Feb 69

Thyroxine binding globulin deficiency. Constitutional growth retardation erroneously diagnosed as isolated thyrotropin deficiency. Nikolai TF. **J Pediat** 75:130-2, Jul 69

[Zoologic specificity of pituitary proteins capable of stimulating the thyroid gland] Fontaine YA. **Acta Endocr (Kobenhavn) 60:Suppl 136:1+, 1969 (Fre)**

ADMINISTRATION & DOSAGE

Effect of thyrotopin and the iodine content of the thyroid on the triiodothyronine: thyroxine ration of newly synthesized iodothyronines. Greer MA, et al. **Endocrinology** 85:244-50, Aug 69

Studies on the iodine metabolism of the thyroid gland as revealed by electron microscopic autoradiography of 125I. Fujita H. **Virchow Arch [Zellpath]** 2:265-79, 1969

ANALYSIS

A simple method for thyrotropic hormone assay. Reviczky AL, et al. **Acta Physiol Acad Sci Hung** 35:167-72, 1969

Biologic studies on the relationship between thyroid stimulating and ophthalmotrophic activities. Pisarev MA, et al. **Acta Physiol Lat Amer** 17:182-8, 1967

Purification and properties of thyrotropin from functional pituitary tumors in mice. Condliffe PG, et al. **Endocrinology** 85:453-64, Sep 69

Reproductive physiology of the post partum cow. II. Pituitary, adrenal and thyroid function. Wagner WC, et al. **J Reprod Fertil** 18:501-8, Apr 69

Pituitary control of erythropoiesis. Lindemann R, et al. **Scand J Haemat** 6:77-86, 1969

[New knowledge about the pathogenesis of hyperthyroidism] Küchel O, et al. **Cas Lek Cesk** 108:833-8, Jul 69 (54 ref.) **(Cze)**

[Zoologic specificity of pituitary proteins capable of stimulating the thyroid gland] Fontaine YA. **Acta Endocr (Kobenhavn)** 60:Suppl 136:1+, 1969 **(Fre)**

ANTAGONISTS & INHIBITORS

Effect of chlorpromazine on thyrotropin-stimulated endocytosis and glucose oxidation in canine thyroid slices. Onaya T, et al. **Endocrinology** 85:150-4, Jul 69

Endocytosis of thyroglobulin and the release of thyroid hormone. Seljelid R, et al. **Scand J Clin Lab Invest** 22:Suppl 106:125+, 1968

[New findings on the inhibition of experimental exophthalmos] Kemper F. **Naunyn Schmiedeberg Arch Pharm Exp Path** 260:151-2, 1968 **(Ger)**

BIOSYNTHESIS

Animal cell cultures as a source of hormones. Tashjian AH Jr. **Biotechn Bioengin** 11:109-26, Mar 69

Ontogenesis of immunoreactive growth hormone, follicle-stimulating hormone, thyroid-stimulating hormine, luteinizing hormone, chorionic prolactin and chorionic gonadotropin in the human conceptus. Gitlin D, et al. **J Clin Endocr** 29:926-35, Jul 69

[Ectopic endocrine syndromes] Dil'man VM, et al. **Vop Onkol** 14:111-8, 1968 (50 ref.) **(Rus)**

BLOOD

A simple method for thyrotropic hormone assay. Reviczky AL, et al. **Acta Physiol Acad Sci Hung** 35:167-72, 1969

Comparison of the thyroid-stimulating hormone content of serum from thyrotoxic and euthyroid people. Adams DD, et al. **J Clin Endocr** 29:900-3, Jul 69

Laboratory aids in the diagnosis of endocrine disorders. Katz FH. **Med Clin N Amer** 53:79-95, Jan 69 (43 ref.)

Studies on the inactivation of thyrotropin-releasing hormone (TRH). Redding TW, et al. **Proc Soc Exp Biol Med** 131:415-20, Jun 69

[Radioimmunoassay of thyrotropin (TSH) in human plasma] Freychet P, et al. **Presse Med** 77:13-6, 4 Jan 69 **(Fre)**

[Anterior pituitary function test] Iwai K, et al. **Jap J Clin Med** 27:248-58, Feb 69 (81 ref.) **(Jap)**

[TSH] Kumahara Y, et al. **Jap J Clin Med** 27:331-6, Feb 69 (39 ref.) **(Jap)**

DIAGNOSTIC USE

Thyroid function in Addison's disease. Maisey MN, et al. **Brit Med J** 3:392-3, 16 Aug 69

[Thyroid gland hormones and thyreotropin. 10] Götz HG. **Pharm Prax** 7:204-8, 1967 (83 ref.) **(Ger)**

[Anterior pituitary function test] Iwai K, et al. **Jap J Clin Med** 27:248-58, Feb 69 (81 ref.) **(Jap)**

ISOLATION & PURIFICATION

Purification and properties of thyrotropin from functional pituitary tumors in mice. Condliffe PG, et al. **Endocrinology** 85:453-64, Sep 69

Purification of bovine thyroid-stimulating hormone by solubility fractionation with ammonium sulfate. Lindsay RH, et al. **Proc Soc Exp Biol Med** 131:875-80, Jul 69

[Zoologic specificity of pituitary proteins capable of stimulating the thyroid gland] Fontaine YA. **Acta Endocr (Kobenhavn)** 60:Suppl 136:1+, 1969 **(Fre)**

METABOLISM

[Adult hypothyroidism. I. Clinical study] Leprat J, et al. **Presse Med** 77:119-21, 22 Jan 69 **(Fre)**

[Iodine isotope function test in the iodine saturated thyroid gland] Grebe SF. **Med Welt** 11:700-5, 16 Mar 68 **(Ger)**

[Paraendocrinopathies] Pietrek J. **Pol Tyg Lek** 24:373-6, 10 Mar 69 (16 ref.) **(Pol)**

PHARMACODYNAMICS

Long-acting thyroid stimulator (LATS). Miyai K. **Acta Path Jap** 18:504-7, Nov 68

The effects of L-triiodothyronine on the self-selected circadian rhythm of rest and activity in the canary. Wahlström G. **Acta Physiol Scand** 75:199-212, Jan-Feb 69

Action of 3',5'-cyclic adenosinemonophosphate on the protein synthesizing capacity of thyroid polyribosomes in vitro. Lissitzky S, et al. **Biochem Biophys Res Commun** 35:437-43, 22 May 69

The role of hydrogen peroxide and glutathione in glucose oxidation by the thyroid. Bénard B, et al. **Biochim Biophys Acta** 184:48-53, 17 Jun 69

Hormone control of connective tissue. Asboe-Hansen G. **Brit J Derm** 81:Suppl 2:2-8, 1969 (56 ref.)

Effect of thyrotopin and the iodine content of the thyroid on the triiodothyronine: thyroxine ration of newly synthesized iodothyronines. Greer MA, et al. **Endocrinology** 85:244-50, Aug 69

Stimulation of thyroid hyperplasia and protein synthesis by LATS. Ochi Y, et al. **Endocrinology** 85:344-7, Aug 69

Responsiveness to lipolytic hormones, and inactivation of adrenocorticotropin, by adipose tissue slices and free fat cells from different mammalian species. Rudman D, et al. **Endocrinology** 85:209-13, Aug 69

Adenyl cyclase in fat cells. II. Hormone receptors. Birnbaumer L, et al. **J Biol Chem** 244:3477-82, 10 Jul 69

Induction of the specific histidine decarboxylase by TSH and 2-mercaptobenzimidazole-1,3-dimethyiol (MBI). Lorenz W, et al. **Naunyn Schmiedeberg Arch Pharm Exp Path** 260:171-2, 1968

Endocytosis of thyroglobulin and the release of thyroid hormone. Seljelid R, et al. **Scand J Clin Lab Invest** 22:Suppl 106:125+, 1968

Pituitary control of erythropoiesis. Lindemann R, et al. **Scand J Haemat** 6:77-86, 1969

[The thyroid and calcium metabolism] Arvy L. **J Physiol (Paris)** 60:405-48, Sep-Oct 68 (210 ref.) **(Fre)**

PHYSIOLOGY

Stimulation of thyroid hormone secretion by dibutyryl cyclic-AMP. Ahn CS, et al. **Endocrinology** 85:224-30, Aug 69

Thyroxine-enhanced susceptibility of mice to Klebsiella pneumoniae. Martin LG, et al. **Proc Soc Exp Biol Med** 131:824-7, Jul 69

RADIATION EFFECTS

Thyroid depression following splenic irradiation in lymphoma patients. Logan JW. **Aust Radiol** 13:161-3, May 69

SECRETION

Two different types of goitrogen blockage: their importance in the neural control of the thyroid gland. Voloschin LM, et al. **Acta Physiol Lat Amer** 17:234-46, 1967

Thyroid depression following splenic irradiation in lymphoma patients. Logan JW. **Aust Radiol** 13:161-3, May 69

Depression of thyrotropin releasing factor induction of thyrotropin release by throxine in small doses. Averill RL. **Endocrinology** 85:67-71, Jul 69

A modified bioassay for the long-acting thyroid stimulator (LATS). Furth ED, et al. **Endocrinology** 85:592-3, Sep 69

Effect of lesions in the globus pallidus upon thyroid function. Cheifetz PN. **J Endocr** 43:36-7, Jan 69

[New knowledge about the pathogenesis of hyperthyroidism] Küchel O, et al. **Cas Lek Cesk** 108:833-8, Jul 69 (54 ref.) (Cze)

[Neuro-endocrine mechanism in control of TSH secretion, with special reference to TRF. 1. Extraction and purification of TRF] Tsuji S, et al. **Saishin Igaku** 24:413-22, 10 Feb 68 (60 ref.) (Jap)

STANDARDS

[TSH] Kumahara Y, et al. **Jap J Clin Med** 27:331-6, Feb 69 (39 ref.) (Jap)

THERAPEUTIC USE

Mesenchymal aspects of dermatology. Asboe-Hansen G. **Acta Dermatovener (Stockholm)** 49:1-5, 1969

Experience with thyroid malignancy in a private referral laboratory. Hamburger JI. **Mich Med** 68:575-80, Jun 69

[Occurrence of coronaropathies during the treatment of obesity] Novaro A. **Rass Int Clin Ter** 47:977-84, Sep 67 (Ita)

VASOPRESSIN

Mechanism of vasopressin-induced bradycardia in dogs. Varma S, et al. **Circ Res** 24:787-92, Jun 69

The structure of acetone-lysine-vasopressin as established through its synthesis from the acetone derivative of S-benzyl-L-cysteinyl-L-tyrosine. Havran RT, et al. **J Amer Chem Soc** 91:2696-8, 7 May 69

A radioimmunoassay for human calcitonin M. Clark MB, et al. **Lancet** 2:74-7, 12 Jul 69

[Obstetric drugs. 16] Götz HG. **Pharm Prax** 9:265-70, 1967 (84 ref.) (Ger)

[Clinical experiences with "Neo-Lidocaton"] Raeth R. **Zahnaerztl Welt** 78:606-7, 10 Jul 69 (Ger)

[On the clinical picture of the hyperhydropexic syndrome of Parkhon (non-sugar antidiabetes)] Sokol AE. **Ter Arkh** 39:105-7, Aug 67 (Rus)

[Adenosine-3',5'-monophosphate as a messenger molecule in hormone action] Oye I. **Nord Med** 81:97-101, 23 Jan 69 (17 ref.) (Swe)

ADMINISTRATION & DOSAGE

Water and salt metabolism following pituitary stalk section. Timmons RL, et al. **Neurology (Minneap)** 19:790-800, Aug 69

[On the problems of synthetic polypeptides on the basis of oxytocin] Holeček V. **Vnitrni Lek** 15:435-41, May 69 (Cze)

ADVERSE EFFECTS

[Ornithin 8-vasopressin (POR8) as a vasoconstrictor in gynecology and obstetrics] Urbatus W. **Praxis** 56:1755-64, 28 Dec 67 (Ger)

ANALYSIS

Adrenal insufficiency and inappropriate secretion of antidiuretic hormone. Occurrence in a patient with carcinoma of the lung. Schambelan M, et al. **Arch Intern Med (Chicago)** 124:197-201, Aug 69

Comparison of the effects of water deprivation and sodium chloride imbibition on the hormone content of the neurohypophysis of the rat. Jones CW, et al. **J Physiol (London)** 203:449-58, Aug 69

[Determination of antidiuretic hormone and the value of its clinical applications] Cier JF, et al. **Marseille Med** 104:403-9, 1967 (Fre)

[Secretion of ACTH and content of vasopressin in hypothalamus in guinea pigs] Leśnik H, et al. **Endokr Pol** 20:187-97, May-Jun 69 (Pol)

ANTAGONISTS & INHIBITORS

Inhibitory action of a new sympathomimetic amino (DU-21220) on the nongravid uterus. Coutinho EM, et al. **Amer J Obstet Gynec** 104:1053-6, 1 Aug 69

Diuretic effects of planetocin. Cobbin DM, et al. **Comp Biochem Physiol** 29:821-7, May 69

The antidiuretic hormone blocking effect of some oxytocin analogues. Datta H, et al. **J Endocr** 42:345-6, Oct 68

[Effect of 2-(2,6-dichlorophenylamino)-2-imidazoline hydrochloride (St 155, Catapresan) on the urinary excretion of osmotically free water] Kobinger W. **Naunyn Schmiedeberg Arch Pharm Exp Path** 260:153-4, 1968 (Ger)

BIOSYNTHESIS

Neurosecretion. Sachs H. **Advances Enzym** 32:327-72, 1969 (147 ref.)

Porphyria in the adolescent--diagnosis and treatment. Chisolm JJ Jr. **Southern Med J** 62:713-9, Jun 69

[Ectopic endocrine syndromes] Dil'man VM, et al. **Vop Onkol** 14:111-8, 1968 (50 ref.) (Rus)

BLOOD

Small changes in left atrial pressure and plasma antidiuretic hormone titers in dogs. Johnson JA, et al. **Amer J Physiol** 217:210-4, Jul 69

Release of antidiuretic hormone from neurohypophysis in response to hemorrhage and infusion of hypertonic saline in dogs. Saito T, et al. **Endocrinology** 85:72-8, Jul 69

The release of vasopressin in response to haemorrhage and its role in the mechanism of blood pressure regulation. Rocha E Silva M Jr, et al. **J Physiol (London)** 202:535-57, Jun 69

[Determination of antidiuretic hormone and the value of its clinical applications] Cier JF, et al. **Marseille Med** 104:403-9, 1967 (Fre)

[Method for the determination of the antidiuretic hormone in the plasma] Mion H, et al. **Rev Franc Etud Clin Biol** 14:213-5, Feb 69 (Fre)

[Demonstration of the discontinuous secretory mode of antidiuretic hormone (ADH)] Aziz O. **Pflueger Arch** 307:R78, 1969 (Ger)

[Posterior pituitary function tests] Saito T, et al. **Jap J Clin Med** 27:259-64, Feb 69 (34 ref.) (Jap)

[Concentration of antidiuretic hormone in the blood of patients with cirrhosis of the liver with ascites] Berezov VM. **Ter Arkh** 39:20-3, Mar 67 (Rus)

[Some problems of kidney function in early childhood] Démant F, et al. **Bratisl Lek Listy** 51:545-53, 1969 (Slo)

CHEMICAL SYNTHESIS

Solid-phase peptide synthesis. Merrifield RB. **Advances Enzym** 32:221-96, 1969 (267 ref.)

The synthesis and pharmacological properties of [2-isoleucine]-8-lysine-vasopressin and its 1-deamino analog. Havran RT, et al. **J Amer Chem Soc** 91:3626-8, 18 Jun 69

The structure of acetone-lysine-vasopressin as established through its synthesis from the acetone derivative of S-benzyl-L-cysteinyl-L-tyrosine. Havran RT, et al. **J Amer Chem Soc** 91:2696-8, 7 May 69

DIAGNOSTIC USE

Diabetes insipidus syndrome in hypopituitarism of pregnancy. Case report and a critical review of the literature. Aguiló F Jr, et al. **Acta Endocr (Kobenhavn)** 60:Suppl 137:1+, 1969

Urine concentration after pitressin administration in upper and lower urinary tract infection. Seng OB, et al. **Med J Aust** 1:982-3, 10 May 69

Evaluation of three acute tests of hypothalamic-pituitary-adrenal function. Carroll BJ, et al. **Metabolism** 18:476-83, Jun 69

[Two cases of chronic hypernatremia] Nakao K, et al. **J Jap Soc Intern Med** 58:219-24, 10 Mar 69 (Jap)

[Anterior pituitary function test] Iwai K, et al. **Jap J Clin Med** 27:248-58, Feb 69 (81 ref.) (Jap)

[Posterior pituitary function tests] Saito T, et al. **Jap J Clin Med** 27:259-64, Feb 69 (34 ref.) (Jap)

ISOLATION & PURIFICATION

[Method for the determination of the antidiuretic hormone in the plasma] Mion H, et al. **Rev Franc Etud Clin Biol** 14:213-5, Feb 69 (Fre)

METABOLISM

Water and salt metabolism following pituitary stalk section. Timmons RL, et al.
Neurology (Minneap) 19:790-800, Aug 69

Positive-pressure breathing and antidiuresis. Salem MR. **New Eng J Med 280:1479-80, 26 Jun 69**

[A study of body fluid compartments in 42 cases of weight loss. Isotope dissection method] Carlier B, et al. **Path Biol (Paris) 17:337-49, Apr 69 (Fre)**

[Pathogenesis and treatment of the edema-ascites syndrome in patients with cirrhosis of the liver] Loginov AS, et al.
Ter Arkh 39:12-20, Aug 67 (116 ref.) (Rus)

PHARMACODYNAMICS

An attempt to explain differences in the hypophyseal-adrenocortical response to repeated stressful stimuli by their dependence on differences in pathways. Stark E, et al.
Acta Med Acad Sci Hung 25:251-60, 1968

Arteriovenous anastomotic blood flow in the mesenteric organs. Delaney JP.
Amer J Physiol 216:1556-61, Jun 69

Osmoregulation and volume regulation in rats: inhibition of hypovolemic thirst by water. Stricker EM. **Amer J Physiol 217:98-105, Jul 69**

Renal substrates and effect of lipokinetic arylamines on third-factor sodium excretion. Waugh WH, et al.
Amer J Physiol 217:267-76, Jul 69

The role of the septal area in the regulation of water intake and associated motivationalehavior. Lubar JF, et al. **Ann NY Acad Sci 157:875-93, 15 May 69**

Biphasic effects of oxytocin on human uterine and tube motility. Nakanishi H, et al.
Aust New Zeal J Obstet Gynaec 8:181-8, Nov 68

The effect of metals on the S-S polypeptide receptor in depolarized rat uterus. Schild HO.
Brit J Pharmacol 36:329-49, Jun 69

Homeostatic disturbances and adaptations in aging. Shock NW.
Bull Schweiz Akad Med Wiss 24:284-98, Jan 69

The effect of vasoactive drugs on local coronary flow. Torres EC, et al.
Canad J Physiol Pharmacol 47:421-5, May 69

Responses of Rana temporaria and Rana esculenta to prolonged exposure to a saline environment. Ackrill P, et al. **Comp Biochem Physiol 28:1317-29, Mar 69**

Diuretic effects of planetocin. Cobbin DM, et al.
Comp Biochem Physiol 29:821-7, May 69

Comparison of two methods for the bioassay of oxytocin. Fabian M, et al.
Endocrinology 85:600-3, Sep 69

Release of ACTH by substances of central nervous system origin. Wied D de, et al.
Endocrinology 85:561-9, Sep 69

Augmentation of the pressor response to octapressin by autonomic blocking agents in the pithed rat. Leenen FH, et al. **Europ J Pharmacol 6:45-8, Apr 69**

The role of the baroreceptors and of blood pressure in the regulation of sleep and wakefulness. Baust W, et al. **Exp Brain Res 3:12-24, 1967**

The synthesis and pharmacological properties of [2-isoleucine]-8-lysine-vasopressin and its 1-deamino analog. Havran RT, et al.
J Amer Chem Soc 91:3626-8, 18 Jun 69

Paths of transtubular water flow in isolated renal collecting tubules. Grantham JJ, et al.
J Cell Biol 41:562-76, May 69

The calcium-mediated promotion of mitotic activity in rat thymocyte populations by growth hormone, neurohormones, parathyroid hormone and prolactin. Whitfield JF, et al. **J Cell Physiol 73:203-11, Jun 69**

Intake of NaCL solution in rats with diabetes insipidus. Palmieri GM, et al.
J Comp Physiol Psychol 68:38-44, May 69

Dissociation between production and storage of corticotrophin-releasing factor. Smelik PG, et al.

Selective augmentation of the pressor responses to catecholamines by metanephrine. Allen DO, et al.
J Pharmacol Exp Ther 167:309-18, Jun 69

Acute effects of lysine-vasopressin infusion on rat renal tissue osmolality. Hai MA, et al.
J Physiol (London) 202:117P+, Jun 69

The release of vasopressin in response to haemorrhage and its role in the mechanism of blood pressure regulation. Rocha E Silva M Jr, et al.
J Physiol (London) 202:535-57, Jun 69

Effect of biogenic amines and other substances on the release of follicle stimulating hormone by pituitaries incubated in vitro. Kamberi I, et al.
J Reprod Fertil 18:153, Feb 69

The action of dexamethasone and vasopressin on hypothalamic CRF production and release. Hedge GA, et al. **Neuroendocrinology 4:242-53, 1969**

Pharmacological aspects of the coronary circulation. Parratt JR. **Progr Med Chem 6:11-66, 1969 (496 ref.)**

Toad urinary bladder: intercellular spaces. DiBona DR, et al. **Science 165:503-4, 1 Aug 69**

The hemodynamic bisection of the liver. Kaplan A, et al. **Surgery 66:357-67, Aug 69**

[Contribution to the problems of endangering of empolyees in the laboratory production of oxytocin and lysine-vasopressin] Kafka V, et al.
Cas Lek Cesk 108:771-5, 20 Jun 69 (Cze)

[On the problems of synthetic polypeptides on the basis of oxytocin] Holeček V.
Vnitrni Lek 15:435-41, May 69 (Cze)

[Radio-immunologic determination of gonadotropins] Franchimont P.
Ann Endocr (Paris) 29:403-31, Jul-Aug 68 (Fre)

[Comparative effects of argine- and lysine-vasopression on diuresis in the European toad] Boulangé M, et al.
J Physiol (Paris) 59:Suppl:220, 1967 (Fre)

[Direct and indirect effects of posthypophyseal peptides on bronchomotoricity in guinea pigs] Harichaux P, et al.
J Physiol (Paris) 59:Suppl:243, 1967 (Fre)

[The mechanisms of choleresis] Erlinger S, et al.
Rev Franc Etud Clin Biol 14:117-21, Feb 69 (Fre)

[Pressure-flow intensity relations of the hepatic blood supply] Devens K.
Acta Hepatospien (Stuttgart) 16:65-76, Mar-Apr 69 (Ger)

[Antagonistic influencing of circulatory reactions following angiotensin and vasopressin in the anesthetized dog] Becker KH, et al.
Naunyn Schmiedeberg Arch Pharm Exp Path 260:95, 1968 (Ger)

[Influence of aldosterone, ADH and calcium ions on sodium transport in the collecting ducts of the mammalian kidney] Uhlich E, et al.
Pflueger Arch 307:R70-1, 1969 (Ger)

[Ornithin 8-vasopressin (POR8) as a vasoconstrictor in gynecology and obstetrics] Urbatus W.
Praxis 56:1755-64, 28 Dec 67 (Ger)

[Study of the behavior of mesenchymal hepatic clearance in various experimental conditions of changes of hepatic flow] Santambrogio C, et al.
Minerva Med 60:1812-5, 9 May 69 (Ita)

PHYSIOLOGY

[Diuretics in cirrhosis. Accidents. Indications] Andrieu J, et al. **Presse Med 77:575-8, 29 Mar 69 (Fre)**

[Vasopressin-water equivalent under different starting conditions in the conscious rat] Vogel P, et al.
Pflueger Arch 307:R79-80, 1969 (Ger)

[Pathophysiological mechanisms in hypotension caused by endocrine disorders] Lutomirsky C.
Praxis 58:791-801, 24 Jun 69 (Ger)

[Critical observations on the countercurrent urinary concentration system. II. Anatomophysiological considerations] Marchese G.
Recent Progr Med (Roma) 46:286-304, Mar 67 (Ita)

[Magnesium and the kidney] Ueda Y, et al.
Saishin Igaku 23:2541-8, 10 Dec 68 (45 ref.) (Jap)

SECRETION

Diabetes insipidus syndrome in hypopituitarism of pregnancy. Case report and a critical review of the literature. Aguiló F Jr, et al.
Acta Endocr (Kobenhavn) 60:Suppl 137:1+, 1969

Neurosecretion. Sachs H.
Advances Enzym 32:327-72, 1969 (147 ref.)

antidiuretic hormone. Occurrence in a patient with carcinoma of the lung. Schambelan M, et al.
Arch Intern Med (Chicago) 124:197-201, Aug 69

An EEG study of water intoxication in the Schwartz-Bartter syndrome. Schwartz BA, et al.
Electroenceph Clin Neurophysiol 26:639, Jun 69

Release of antidiuretic hormone from neurohypophysis in response to hemorrhage and infusion of hypertonic saline in dogs. Saito T, et al.
Endocrinology 85:72-8, Jul 69

The urinary changes induced in rats by high pitched sound (20 kcyc.-sec.). Ogle CW, et al.
J Endocr 42:253-60, Oct 68

Changes in the flow and composition of the urine induced by the 18 monoacetate of D-aldosterone, in cats. Lockett MF.
J Physiol (London) 202:671-82, Jun 69

The release of vasopressin in response to haemorrhage and its role in the mechanism of blood pressure regulation. Rocha E Silva M Jr, et al.
J Physiol (London) 202:535-57, Jun 69

Tuberculous meningitis with a rare complication: nursing care study. Todd R.
Nurs Times 65:661-2, 22 May 69

The syndrome of inappropriate secretion of anti-diuretic hormone, associated with a cerebral aneurysm. Brooks SE, et al.
W Indian Med J 17:193-203, Dec 68

[Effects of a vasopressin-corticoid association in patients having an astrocytoma or cerebral metastasis. Evolutive study using complementary methods] Bernard-Weil E, et al.
Neurochirurgia (Stuttgart) 11:189-99, Sep 68 **(Fre)**

[Demonstration of the discontinuous secretory mode of antidiuretic hormone (ADH)] Aziz O.
Pflueger Arch 307:R78, 1969 **(Ger)**

[Neurosecretion and diabetes insipidus] Koestner A, et al. **Verh Deutsch Ges Path** 52:458-64, 1968 **(Ger)**

[Posterior pituitary function tests] Saito T, et al.
Jap J Clin Med 27:259-64, Feb 69 (34 ref.) **(Jap)**

[Case of hyponatremia resulting from inappropriate secretion of ADH] Yasue H, et al.
Naika 23:557-60, Mar 69 **(Jap)**

[Inappropriate secretion of antidiuretic hormone in a patient with severe chronic lung diseases and sequelae of tuberculosis] Adrogue HJ, et al.
Medicina (B Air) 29:119-26, Mar-Apr 69 **(Spa)**

THERAPEUTIC USE

Use of hypertonic saline, clopamide and furosemide for evaluation of the concentrating defect in pitressin-treated diabetes insipidus. Radó JP, et al.
Med Exp (Basel) 18:185-90, 1968

[On the problems of synthetic polypeptides on the basis of oxytocin] Holeček V.
Vnitrni Lek 15:435-41, May 69 **(Cze)**

[Effects of a vasopressin-corticoid association in patients having an astrocytoma or cerebral metastasis. Evolutive study using complementary methods] Bernard-Weil E, et al.
Neurochirurgia (Stuttgart) 11:189-99, Sep 68 **(Fre)**

[Ornithin 8-vasopressin (POR8) as a vasoconstrictor in gynecology and obstetrics] Urbatus W.
Praxis 56:1755-64, 28 Dec 67 **(Ger)**

[Diabetes insipidus] Haugen HN, et al.
T Norsk Laegeforen 89:736-7, 15 May 69 **(Nor)**

[Treatment of hepatic coma] Wysocki J.
Przegl Epidem 23:65-70, 1969 (50 ref.) **(Pol)**

[Urinary excretion of magnesium in patients with liver cirrhosis treated with oral diuretics. Its variation through vasopressin] Bardi A, et al.
Rev Med Chile 96:415-9, Jun 68 **(Spa)**

URINE

The urinary changes induced in rats by high pitched sound (20 kcyc.-sec.). Ogle CW, et al.
J Endocr 42:253-60, Oct 68

[Contribution to the problems of endangering of empolyees in the laboratory production of oxytocin and lysine-vasopressin] Kafka V, et al.
Cas Lek Cesk 108:771-5, 20 Jun 69 **(Cze)**

[Determination of antidiuretic hormone and the value of its clinical applications] Cier JF, et al.
Marseille Med 104:403-9, 1967 **(Fre)**

VASOTOCIN

PHARMACODYNAMICS

Ovarian ascorbic acid depleting factors in the chicken hypothalamus. Jackson GL, et al.
Endocrinology 85:113-20, Jul 69

[Arginine vasotocin and development of branchial permeability to sodium during the passage of soft water and sea water in flounders] Motais R, et al.
J Physiol (Paris) 59:Suppl:271, 1967 **(Fre)**

SECRETION

Neurosecretion. Sachs H.
Advances Enzym 32:327-72, 1969 (147 ref.)

IV. Related Topics

HYPOPHYSECTOMY

A controlled clinical trial to compare transethidal hypophysectomy with yttrium implant of the pituitary in the treatment of advanced breast cancer. Roberts MM, et al. **Brit J Surg** 56:615-6, Aug 69

Influence of physiologic fluctuations in plasma growth hormone on glucose tolerance. Yalow RS, et al. **Diabetes** 18:402-8, Jun 69

Significance of DC recording in man. Bushart W. **Electroenceph Clin Neurophysiol** 26:449, Apr 69

Effects of hypophysectomy and ACTH administration on the level of adrenal cholesterol side-chain desmolase. Kimura T. **Endocrinology** 85:492-9, Sep 69

Effect of hypophysectomy on the oxidative ang glycolytic metabolism of hypothalamus. Libertun C, et al. **Experientia** 25:196-7, 15 Feb 69

The distribution of 65zinc in the prostate and other organs in control, castrated, and hypophysectomized rats. Byar DP, et al. **Invest Urol** 7:57-65, Jul 69

A quantitative analysis of the normal neuron population of the hypothalamic magnocellular nuclei in man and of their projections to the neurohypophysis. Morton A. **J Comp Neurol** 136:143-57, Jun 69

The recognition and treatment of adrenal crisis. Pazianos AG. **Med Clin N Amer** 53:459-63, Mar 69 (9 ref.)

Effects of antiserum to human chorionic gonadotropin on the spermatogenesis of hypophysectomized rats injected with pregnant mare serum gonadotropin. Ogasa A, et al. **Nat Inst Anim Health Quart (Tokyo)** 9:45-52, Spring 69

Results of trans-sphenoidal cryohypophysectomy for carcinoma of the breast. Conway LW, et al. **New Eng J Med** 281:1-7, 3 Jul 69

Toward the prevention of diabetic retinopathy. Field RA. **Sightsav Rev** 39:9-16, Spring 69

The effect of metopirone and aldactone on the interrenal tissue of intact and pars distalis-ectomized common frogs, Rana temporaria. Van Kemenade JA. **Z Zellforsch** 92:567-82, 1968

Effect of ACTH and hypophysectomy on the interrenal tissue in the common frog, Rana temporaria. Van Kemenade JA. **Z Zellforsch** 92:549-66, 1968

[Therapy of generalized bone metastases of breast cancer by hypophysectomy] Krejčí D, et al. **Cesk Neurol** 32:200-2, Jul 69 **(Cze)**

[Thyroid metabolism of hypophysectomized tadpoles of Alytes obstetricians] Rémy C, et al. **J Physiol (Paris)** 59:Suppl:286, 1967 **(Fre)**

[Physiopathologic basis for indication for hypophysectomy in diabetic retinopathy] Ruedi B. **Rev Otoneuroophtal** 40:385-8, Nov 68 **(Fre)**

[Structural changes of the kidney in hypophysectomized eels treated with prolactin] Olivereau M, et al. **Z Zellforsch** 95:361-76, 1969 **(Fre)**

[The effect of hypophysectomy on the proliferative activity of normal and malignant tissue] Rabes H. **Z Krebsforsch** 72:176-84, 1969 **(Ger)**

[Studies of the functional morphology of the neurohypophysis. II. Comparison of histological changes in the median eminence of the rat after bilateral adrenalectomy and hypophysectomy] Bock R, et al. **Z Zellforsch** 94:434-40, 1969 **(Ger)**

[Autoradiographical investigation of the RNA and DNA metabolism of the adrenal cortex in hypophysectomized rats] Meyer D. **Z Zellforsch** 92:447-51, 1968 **(Ger)**

[A study of radiation hypophysectomy for prostatic cancer. (I) Review of the pituitary ablation in literature] Momose G, et al. **Jap J Urol** 60:145-57, Feb 69 (192 ref.) **(Jap)**

[The effect of hypophysectomy on renal function undergoing compensatory hypertrophy] Vasilenko VA. **Fiziol Zh SSSR Sechenov** 53:1193-9, Oct 67 **(Rus)**

[Surgery of the endocrine glands in breast cancer] Abizanda JM. **Acta Oncol (Madrid)** 7:242-6, Jul-Dec 68 **(Spa)**

[Experimental studies on the influence of thyroid hormones and some other hormonal factors on diabetic acidosis] Karwowska-Stauber L, et al. **Acta Diabet Lat** 6:56-73, Jan-Mar 69 **(Mul)**

LACTATION

Orotic acid in food milk powders. Okonkwo PO, et al. **Amer J Clin Nutr** 22:532-4, May 69

Relationship of gastric secretion to food intake in lactating rats. Long JF. **Amer J Physiol** 217:228-32, Jul 69

Synthesis of milk proteins in a cell-free system isolated from lactating bovine mammary tissue. Beitz DC, et al. **Arch Biochem** 132:210-22, Jun 69

Phosphoserine phosphatase distribution in normal and neoplastic rat tissues. Knox WE, et al. **Arch Biochem** 132:397-403, Jul 69

Specific proteins in the whey from milk of the grey kangaroo. Lemon M, et al. **Aust J Exp Biol Med Sci** 47:283-5, Apr 69

The uptake of plasma constituents by the mammary gland of the sow. Spincer J, et al. **Biochem J** 111:727-32, Mar 69

Time-dependent increase in uridine diphosphate glucose pyrophosphorylase activity in vitro. Fitzgerald DK, et al. **Biochim Biophys Acta** 178:491-8, 27 May 69

Transfer of immunoglobulins IgG, IgA and IgM to lacteal secretions in the parturient sow and their absorption by the neonatal piglet. Porter P. **Biochim Biophys Acta** 181:381-92, 1 Jul 69

Lactate dehydrogenase isozymes of 3-2'-dimethyl-4-amino biphenyl-induced breast carcinoma. Brown HD, et al. **Brit J Cancer** 23:446-51, Jun 69

Mammary metabolism in lactating sows: arteriovenous differences of milk precursors and the mammary metabolism of [14C]glucose and [14C]acetate. Linzell JL, et al. **Brit J Nutr** 23:319-32, Jun 69

Pigmentation in megaloblastic anaemia associated with pregnancy and lactation. Baumslag N, et al. **Brit Med J** 1:737-9, 21 Jun 69

Cancer of the breast and lactation. Harris BP. **Canad Med Ass J** 100:917, 17 May 69

Species differences in baboon milk lipase (tributyrinase) and esterase activities. Buss DH. **Comp Biochem Physiol** 29:313-8, Apr 69

The serum and milk whey proteins of the echidna. Jordan SM, et al. **Comp Biochem Physiol** 29:383-91, Apr 69

The adrenal gland and lactogenesis. Davis JW, et al. **Endocrinology** 85:155-60, Jul 69

Comparison of two methods for the bioassay of oxytocin. Fabian M, et al. **Endocrinology** 85:600-3, Sep 69

A study on economic characters of Mewati cattle. Bhasin NR. **Indian Vet J** 46:234-43, Mar 69

Role of breeding season on the economics of raising buffalo till they complete first lactation. Gautam JP, et al. **Indian Vet J** 45:420-5, May 68

Performance of Murrah buffaloes in Arid Zone. I. Effect of the length of dry period on the successive lactation yield. Ohri SP, et al. **Indian Vet J** 46:311-5, Apr 69

Breast-and formula-feeding of infants. Beal VA. **J Amer Diet Ass** 55:31-7, Jul 69

Rat mammary acetyl coenzyme A carboxylase. I. Isolation and characterization. Miller AL, et al. **J Biol Chem** 244:2334-42, 10 May 69

Cardiovascular changes during lactation in the rat. Chatwin AL, et al. **J Endocr** 44:247-54, Jun 69

Negligible release of cardiolipin during milk secretion by the ruminant. Patton S, et al. **J Lipid Res** 10:260-6, May 69

Detection of antibodies against the mammary tumor virus with the antiglobulin consumption test. Holmes EC, et al. **J Nat Cancer Inst** 42:733-8, May 69

Relationship of maternal dietary zinc during gestation and lactation to development and zinc, iron and

copper content of the postnatal rat. Ketcheson MR, et al. **J Nutr** 98:303-11, Jul 69

Neuromotor development in progeny of underfed mother rats. Simonson M, et al. **J Nutr** 98:18-24, May 69

Mitotic activity in the adenohypophysis of pregnant and lactating rabbits. Allanson M, et al. **J Reprod Fertil** 19:121-31, Jun 69

Oestrus and ovarian histology in the lactating vole (Microtus agrestis). Breed WG. **J Reprod Fertil** 18:33-42, Feb 69

Reproductive physiology of the post partum cow. I. Clinical and histological findings. Wagner WC, et al. **J Reprod Fertil** 18:493-500, Apr 69

Reproductive physiology of the post partum cow. II. Pituitary, adrenal and thyroid function. Wagner WC, et al. **J Reprod Fertil** 18:501-8, Apr 69

Milk yield during prolonged lactation in mice; effect of ovariectomy. Zeilmaker GH. **J Reprod Fertil** 19:361-5, Jul 69

A method for microscopy of the mammary gland in the living mouse. Warner NE, et al. **Med Exp (Basel)** 18:151-5, 1968

Excessive gluconeogenesis and oxaloacetate depletion in bovine ketosis. Kronfield DS. **Nutr Rev** 27:131-3, May 69 (16 ref.)

The effect of energy nutrition on blood amino acid levels in the lactating cow. Halfpenny AF, et al. **Proc Nutr Soc** 28:29A-30A, Mar 69

Restoration of pituitary lactogen released in response to suckling. Convey EM, et al. **Proc Soc Exp Biol Med** 131:543-6, Jun 69

The permeability to 131-I-PVP of the normal and hypertrophied gastro-intestinal tract of sheep. Fell BF, et al. **Quart J Exp Physiol** 54:141-55, Apr 69

Milk. Patton S. **Sci Amer** 221:58-68 passim, Jul 69

Dietary factors and the production of Oesophagostomun sp. ova in breeding pits. Herbert IV, et al. **Vet Rec** 84:569-70, 7 Jun 69

[Evidence for a hypocalcemic and hypophosphatemic factor in plasma of milk cows; variations of these factors at the time of calving and in the ease of vitulary syndrome] Barlet JP. **C R Acad Sci [D] (Paris)** 268:1864-7, 9 Apr 69 **(Fre)**

[The thyroid and calcium metabolism] Arvy L. **J Physiol (Paris)** 60:405-48, Sep-Oct 68 (210 ref.) **(Fre)**

[Study of adrenal gland activity during lactation and postnatal life in rats] Kamoun A, et al.

[Ultrastructural aspects of the rabbit mammary gland during lactogenesis] Bousquet M, et al. **Z Zellforsch** 96:418-36, 1969 **(Fre)**

[Transitory closures in the postnatal development of Marsupialia] Müller F. **Acta Anat (Basel)** 71:581-624, 1968 **(Ger)**

[Growth inhibition of Trypanosoma cruzi (WBH strain) in experimentally infected lactating mice] Disko R, et al. **Z Parasitenk** 32:11-42, 1969 **(Ger)**

[Effect of lactation level of cows on the disappearance rate of I-131-labelled growth hormone from the blood] Fitko R, et al. **Endokr Pol** 20:209-16, May-Jun 69 **(Pol)**

[Changes in the concentration of total protein in human milk in relation to parity and time of lactation] Koziorowski C. **Pediat Pol** 44:449-54, Apr 69 **(Pol)**

[Induced labor using breast suckling] Augusto N. **Matern Infanc (S Paulo)** 27:189-236, Jul-Sep 68 **(Por)**

[Significance of innervation of goat mammary gland in the regulation of the level of milk fat in secretory cells] Tverskoĭ GB, et al. **Fiziol Zh SSSR Sechenov** 53:1483-8, Dec 67 **(Rus)**

[A case of tetanus in a nursing mother] Borisko AS. **Zh Mikrobiol** 44:121-2, Dec 67 **(Rus)**

[Proteins, fats and carbohydrates in human milk] Duma H, et al. **God Zborn Med Fak Skopje** 14:140-6, 1968 **(Ser)**

DRUG EFFECTS

Inhibition of lactation with a new oestrogen. Fell MR. **Brit J Clin Pract** 23:288-9, 7 Jul 69

4-Proline analogues of neurohypophysial hormones: hypothetical intermediates in peptide evolution. Sawyer WH, et al. **Endocrinology** 85:385-8, Aug 69

Low-dose continuous chlormadinone acetate as an oral contraceptive. A clinical trial. Howard G, et al. **Lancet** 2:24-6, 5 Jul 69

Immediate postpartum use of sequential oral contraceptive therapy. Kates RB, et al. **Southern Med J** 62:694-6, Jun 69

[When should lactation inhibitors be injected?] Martin G. **Geburtsh Frauenheilk** 29:385-90, Apr 69 **(Ger)**

[Indications, methodology and results of hormonal inhibition and suppression of lactation] Scholz H. **Med Welt** 27:1617-9, 8 Jul 67 **(Ger)**

[Clinical experience with a new combination of MAP + ethinyl estradiol in small doses] Cittadini E, et al. **Attualita Ostet Ginec** 12:403-14, Sep-Oct 67 **(Ita)**

[The effect of gonadotropic, lactogenic and sex hormones on milk secretion] Gotsulenko BR. **Fiziol Zh SSSR Sechenov** 54:971-8, Aug 68 **(Rus)**

PHYSIOLOGY

[Why does human milk begin to flow 3 days at the earliest following delivey?] Knaus HH.

RADIATION EFFECTS

[The effect or roentgen irradiation on the synthesis of specific tissue proteins and proteinaceous secretions] Ivanov II, et al. **Radiobiologiia** 7:319-22, May-Jun 67 **(Rus)**

THYROID

I. Physical and Functional Aspects

THYROID GLAND

An experimental study on thyroiditis with special reference to the cytotoxic factor in Hashimoto sera. Shimazaki M. **Acta Path Jap** 18:497-500, Nov 68

A comparative study of 63 strains of ECHO virus type 30. Duncan IB. **Arch Ges Virusforsch** 25:93-104, 1968

Effects of ablation of the olfactory bulbs in very young rats. Giammanco S, et al.
Electroenceph Clin Neurophysiol 27:102, Jul 69

Neutralization tests with varicella-zoster virus. Caunt AE, et al. **J Hyg (Camb)** 67:343-52, Jun 69

Inhibition of the long-acting thyroid stimulator (LATS) by soluble thyroid fractions. Beall G, et al.
J Lab Clin Med 73:988-99, Jun 69

Computer-focusing for area scans. Nagai T, et al.
J Nucl Med 9:507-16, Oct 68

The effect of ambient temperature upon post-natal changes in oxygen consumption of the guinea-pig. Adamsons K, et al.
J Physiol (London) 202:261-9, Jun 69

Radioactive isotope scanning.
Med Lett Drugs Ther 10:90-2, 1 Nov 68

[Progress of endemic goiter in Finland. Studies on the thyroid glands of newborns] Nordman R.
Nord Med 81:304-7, 6 Mar 69 **(Swe)**

ABNORMALITIES

Lingual thyroid. Gowda LS.
J Indian Med Ass 51:140-1, 1 Aug 68

Sporadic cretinism and juvenile hypothyroidism. Ahuja MM, et al. **Metabolism** 18:488-96, Jun 69

Exophthalmus caused by thyroid tissue in the choroid layer of the eye in Coris gaimard. Schubert G.
Wildlife Dis 5:113, Apr 69

[Lingual thyroid] Merchie G.
Rev Med Liege 22:333-5, 15 Jun 67 **(Fre)**

[Significance of heterotopic thyroid as etiology of sporadic cretinism] Niimi A, et al.
Clin Endocr (Tokyo) 17:194-7, Mar 69 **(Jap)**

ANALYSIS

Immunopathological studies on thyroiditis: an attempt to isolate the tissue-specific lipoprotein particle. Kurata Y. **Acta Path Jap** 18:501-3, Nov 68

Human thyrocalcitonin. Aliapoulios MA, et al.
Amer J Surg 117:554-7, Apr 69

Feto-maternal exchange of RHISA and hippuran-I-131. Laakso L, et al. **Ann Chir Gynaec Fenn** 57:463-6, 1968

Separate autoimmune mechanisms for 7s and 19s globulins in Laennec's cirrhosis. Zinneman HH, et al.
Arch Intern Med (Chicago) 124:153-9, Aug 69

Calcitonin content of ultimobranchial body tissue in chicks, pullets, and laying hens. Wittermann ER, et al.
Canad J Physiol Pharmacol 47:175-80, Feb 69

Ultimobranchial calcitonin in the developing chicken. Dent PB, et al. **Endocrinology** 85:582-5, Sep 69

Effect of thyrotopin and the iodine content of the thyroid on the triiodothyronine: thyroxine ration of newly synthesized iodothyronines. Greer MA, et al.
Endocrinology 85:244-50, Aug 69

Dependence of protein-binding of iodide on concentration of thyroidal iodide in chickens. Newcomer WS. **Endocrinology** 85:231-5, Aug 69

Thyroid proteins in a goitrous cretin with iodide organification defect. Mouriz J, et al.
J Clin Endocr 29:942-7, Jul 69

Effect of lesions in the globus pallidus upon thyroid function. Cheifetz PN. **J Endocr** 43:36-7, Jan 69

A radioimmunoassay for porcine calcitonin. Lequin RM, et al. **J Endocr** 44:283-4, Jun 69

The effect of thyrocalcitonin in neonatal animals. Phillippo M, et al. **J Endocr** 43:xv-xvi, Jan 69

Tumor localizing agents. VII. Radioiodinated quinoline derivatives. Counsell RE, et al.
J Med Chem 12:232-6, Mar 69

A radioimmunoassay for human calcitonin M. Clark MB, et al. **Lancet** 2:74-7, 12 Jul 69

Neutron dosimetry in the in vivo measurement of intrathyroidal iodine in man by activation analysis. Boddy K, et al. **Phys Med Biol** 14:471-80, Jul 69

[Changes in the fatty acid composition in serum lipid fractions in patients with decreased, elevated and normal thyroid gland activity] Felt V, et al.
Cas Lek Cesk 108:891-6, Jul 69 **(Cze)**

[Thyrocalcitonin] Fujita T, et al.
Jap J Clin Med 27:411-6, Feb 69 (29 ref.) **(Jap)**

[Reaction of thyroid gland tissues to stimulants at different levels of hormonal balance and radiation sickness] Dunaev PV.
Biull Eksp Biol Med 63:109-12, Apr 67 **(Rus)**

[An analysis of primary local damage to DNA isolated from the livers and thyroid glands of irradiated rats] Ivannik BP, et al.
Radiobiologiia 7:332-3, May-Jun 67 **(Rus)**

[Progress of endemic goiter in Finland. Studies on the thyroid glands of newborns] Nordman R.
Nord Med 81:304-7, 6 Mar 69 **(Swe)**

ANATOMY & HISTOLOGY

Effect of pre-pubertal gonadectomy and treatment with sex hormones on body growth, weight of organs and skin collagen of hamsters. Kowalewski K.
Acta Endocr (Kobenhavn) 61:48-56, May 69

Calcitonin and parathyroid hormone. Copp DH.
Ann Rev Pharmacol 9:327-44, 1969 (147 ref.)

Effect of N-propyl thiouracil on muscle. Jacobson AL, et al. **Arch Biochem** 131:327-35, May 69

The effect of pinealectomy and environmental lighting on the gonadal, thyroid, and total body weight of female Long-Evans rats. Bick RL, et al.
Experientia 25:531-2, 15 May 69

The thyroid gland and the neurosecretory activity of the hypothalamus in the newborn rabbit. Slebodziński A, et al. **J Endocr** 42:193-203, Oct 68

The pyramidal lobe in thyroid imaging. Izenstark JL, et al. **J Nucl Med** 10:519-24, Aug 69

Reproductive physiology of the post partum cow. II. Pituitary, adrenal and thyroid function. Wagner WC, et al. **J Reprod Fertil** 18:501-8, Apr 69

[Electron microscopic studies of the adenohypophysis following ventromedial hypothalamic lesions in rats] Themann H, et al.
Beitr Path Anat 139:37-58, 1969 **(Ger)**

[Progress of endemic goiter in Finland. Studies on the thyroid glands of newborns] Nordman R.
Nord Med 81:304-7, 6 Mar 69 **(Swe)**

BLOOD SUPPLY

Stimulation of thyroid hormone secretion by dibutyryl cyclic-AMP. Ahn CS, et al.
Endocrinology 85:224-30, Aug 69

Cardiovascular reflexes associated with cerebral angiography. Lynch PR, et al.
Invest Radiol 4:156-60, May-Jun 69

Alkaline phosphatase distribution in the thyroid vessels of dog. Ichev K.
Nauch Tr Vissh Med Inst Sofiia 47:23-8, 1968
Structural design of the terminal vascular network in the thyroid gland of dog under various functional conditions. Ichev K.
Nauch Tr Vissh Med Inst Sofiia 47:17-21, 1968
[Capsule of adenomatous goiter or of the cystic nodular goiter with its vascular system] Mackowski A, et al.
Pol Przegl Chir 41:218-23, Mar 69 **(Pol)**

CYTOLOGY

Action of 3',5'-cyclic adenosinemonophosphate on the protein synthesizing capacity of thyroid polyribosomes in vitro. Lissitzky S, et al.
Biochem Biophys Res Commun 35:437-43, 22 May 69
Osteogenetic competence. Urist MR, et al.
Clin Orthop 64:194-220, May-Jun 69
Effect of chlorpromazine on thyrotropin-stimulated endocytosis and glucose oxidation in canine thyroid slices. Onaya T, et al. **Endocrinology** 85:150-4, Jul 69
The parafollicular cell of the thyroid gland as the source of an osteoblast-stimulating factor. Evidence from experimentally osteopetrotic mice. Marks SC Jr.
J Bone Joint Surg [Amer] 51:875-90, Jul 69
The parafollicular cell of the thyroid gland as the source of an osteoblast-stimulating factor. Evidence from experimentally osteopetrotic mice. Marks SC Jr.
J Bone Joint Surg [Brit] 51:875-90, Jul 69
Endocytosis of thyroglobulin and the release of thyroid hormone. Seljelid R, et al.
Scand J Clin Lab Invest 22:Suppl 106:125+, 1968
Studies on the iodine metabolism of the thyroid gland as revealed by electron microscopic autoradiography of 125I. Fujita H.
Virchow Arch [Zellpath] 2:265-79, 1969
Hypothalamic neurosecretion and metamorphosis in Xenopus laevis. 3. The effect of an interruption of thyroid hormone synthesis. Goos HJ.
Z Zellforsch 92:583-7, 1968
Ultrastructural characteristics of the thyroid C cells in the summer, autumn and winter states of the hedgehog (Erinaceus europaeus L.), with some reference to other mammalian species. Pearse AG, et al. **Z Zellforsch** 92:596-609, 1968
[Ultrastructure and autoradiography of isolated thyroid cells, incubated in the presence of iodine-125] Tixier-Vidal A, et al.
J Ultrastruct Res 28:78-101, Jul 69 **(Fre)**
[C-cells in the human thyroid gland] Kracht J, et al.
Verh Deutsch Ges Path 52:485-90, 1968 **(Ger)**

DRUG EFFECTS

Diazepam (Valium) and thyroid function: a double-blind, placebo controlled study in normal volunteers showing no drug effect. Mazzaferri EL, et al. **Amer J Med Sci** 257:388-94, Jun 69
Thyroid function in human pregnancy. V. Incidence of maternal serum low butanol-extractable iodines and of normal gestational TBG and TBPA capacities; retardation of 8-month-old infants. Man EB, et al.
Amer J Obstet Gynec 104:898-908, 15 Jul 69
Effect of N-propyl thiouracil on muscle. Jacobson AL, et al. **Arch Biochem** 131:327-35, May 69
The role of hydrogen peroxide and glutathione in glucose oxidation by the thyroid. Bénard B, et al.
Biochim Biophys Acta 184:48-53, 17 Jun 69
Effect of methoxyflurane anaesthesia on thyroid function in man. Oyama T, et al.
Canad Anaesth Soc J 16:204-8, May 69
Chlorpromazine-procyclidine and imipramine: effects on thyroid function in psychiatric patients. Blumberg AG, et al. **Clin Pharmacol Ther** 10:350-4, May-Jun 69
Stimulation of thyroid hormone secretion by dibutyryl cyclic-AMP. Ahn CS, et al.
Endocrinology 85:224-30, Aug 69
Effect of thyrotopin and the iodine content of the thyroid on the triiodothyronine: thyroxine ration of newly synthesized iodothyronines. Greer MA, et al.
Endocrinology 85:244-50, Aug 69
Stimulation of thyroid hyperplasia and protein synthesis by LATS. Ochi Y, et al.
Endocrinology 85:344-7, Aug 69
Effect of chlorpromazine on thyrotropin-stimulated endocytosis and glucose oxidation in canine thyroid slices. Onaya T, et al. **Endocrinology** 85:150-4, Jul 69
The kinetics of the inhibition of thyroidal iodide accumulation by thiocyanate: a reexamination. Scranton JR, et al. **Endocrinology** 85:603-7, Sep 69
The methyl xanthines--a new class of goitrogens. Wolff J, et al. **Endocrinology** 85:410-4, Sep 69
Effect of bacterial pyrogen on the thyroid uptake of 131-I and urinary excretion of 17-hydroxycorticosteroid in normal subjects. De la Balze FA, et al. **Folia Endocr (Roma)** 21:611-22, Oct 68
Thyroid function in a family with the Pendred syndrome. Milutinovic PS, et al.
J Clin Endocr 29:962-9, Jul 69
Effect of graded doses of estradiol benzoate on dental caries and salivary glands in female rats. Liu FT, et al.
J Dent Res 48:485, May-Jun 69
Influence of corticosterone on the integrity of salivary glands and the incidence of dental caries in the rat. Liu FT, et al. **J Dent Res** 48:467-72, May-Jun 69
The thyroid gland and the neurosecretory activity of the hypothalamus in the newborn rabbit. Slebodziński A, et al. **J Endocr** 42:193-203, Oct 68
The effect of propylthiouracil and 131-I on rat thyroid chromosomes. Speight JW, et al.
J Endocr 42:267-75, Oct 68
Thyroid testing during drug administration. Myhill J.
Med J Aust 1:422-4, 22 Feb 69
Structural design of the terminal vascular network in the thyroid gland of dog under various functional conditions. Ichev K.
Nauch Tr Vissh Med Inst Sofiia 47:17-21, 1968
Biological profile of quingestanol acetate. Giannina T, et al. **Proc Soc Exp Biol Med** 131:781-9, Jul 69
Effect of norethindrone on submandibular glands and dental caries in female rats. Liu FT, et al.
Proc Soc Exp Biol Med 131:331-5, Jun 69
Hypothalamic neurosecretion and metamorphosis in Xenopus laevis. 3. The effect of an interruption of thyroid hormone synthesis. Goos HJ.
Z Zellforsch 92:583-7, 1968
[Zoologic specificity of pituitary proteins capable of stimulating the thyroid gland] Fontaine YA.
Acta Endocr (Kobenhavn) 60:Suppl 136:1+, 1969 **(Fre)**
[On the effect of desoxycorticosterone glycoside on thyroid function] Gólián-Bartha K.
Acta Med Acad Sci Hung 25:121-6, 1968 **(Ger)**
[Influences on the binding capacity of thyroxine-binding proteins during pregnancy] Fridrich R, et al.
Schweiz Med Wschr 99:833-9, Jun 69 **(Ger)**
[A study of the anti-thyroid effect of metabolites of tumor cells during in vitro experiments] Arkhilenko VI. **Biull Eksp Biol Med** 67:99-100, Apr 69 **(Rus)**
[Reaction of thyroid gland tissues to stimulants at different levels of hormonal balance and radiation sickness] Dunaev PV.
Biull Eksp Biol Med 63:109-12, Apr 67 **(Rus)**
[Morphologic analysis of the state of the hypothalamo-hypophyseal neurosecretory system and thyroid gland of white mice under chronic salt load] Iakovleva IV, et al.
Biull Eksp Biol Med 63:91-5, Apr 67 **(Rus)**

EMBRYOLOGY

The pyramidal lobe in thyroid imaging. Izenstark JL, et al. **J Nucl Med** 10:519-24, Aug 69

ENZYMOLOGY

Studies with purified pig thyroglobulin and thyroid enzymes. Dopheide TA, et al.
Biochim Biophys Acta 181:105-15, May 69
Monoamine oxidase activity of the thyroid glands in thyroid disease. Hidaka H, et al.
Clin Chim Acta 23:383-6, Mar 69
Enzymic pathway for thyroxine synthesis through p-hydroxy-3,5-diiodophenylpyruvic acid. Blasi F, et al.
Endocrinology 85:542-51, Sep 69
Alkaline phosphatase distribution in the thyroid vessels of dog. Ichev K.
Nauch Tr Vissh Med Inst Sofiia 47:23-8, 1968
Induction of the specific histidine decarboxylase by TSH and 2-mercaptobenzimidazole-1,3-dimethylol (MBI). Lorenz W, et al.
Naunyn Schmiedeberg Arch Pharm Exp Path 260:171-2, 1968

GROWTH & DEVELOPMENT

Acculturation and childhood accidents among Chinese

and Japanese Americans. Kurokawa M. Genet Psychol Monogr 79:89-159, Feb 69

The thyroid gland and the neurosecretory activity of the hypothalamus in the newborn rabbit. Slebodziński A, et al. J Endocr 42:193-203, Oct 68

IMMUNOLOGY

The autoimmune aspects of pernicious anemia. Goldberg LS, et al. Amer J Med 46:489-94, Apr 69 (40 ref.)

Cyclic thrombocytopenia associated with multiple autoantibodies. Brey O, et al. Brit Med J 3:397-8, 16 Aug 69

Thyroid function in Addison's disease. Maisey MN, et al. Brit Med J 3:392-3, 16 Aug 69

Autoimmunity in women with sex chromosome aneuploidy and in their parents compared to controls. Price WH, et al. Clin Exp Immun 4:365-74, Apr 69

Autoantibodies in patients with vitiligo. Brostoff J. Lancet 2:177-8, 26 Jul 69

[Addison's disease and thyrotoxic crisis] Couturier E, et al. Presse Med 77:515-6, 22 Mar 69 (Fre)

[Thyroid function tests] Iino S, et al. Jap J Clin Med 27:265-71, Feb 69 (32 ref.) (Jap)

METABOLISM

The three-hour conversation ratio: a test for hyperthyroidism. Wiener JD. Acta Endocr (Kobenhavn) 61:151-63, May 69

A simple method for thyrotropic hormone assay. Reviczky AL, et al. Acta Physiol Acad Sci Hung 35:167-72, 1969

Uptake of iodide by choroid plexus in vivo and location of the iodide pump. Coben LA. Amer J Physiol 217:89-97, Jul 69

Determination of total serum thyroxine in the dog by competitive protein binding of labeled thyroxine. Kalifelz FA. Amer J Vet Res 30:929-32, Jun 69

Action of 3',5'-cyclic adenosinemonophosphate on the protein synthesizing capacity of thyroid polyribosomes in vitro. Lissitzky S, et al. Biochem Biophys Res Commun 35:437-43, 22 May 69

The role of hydrogen peroxide and glutathione in glucose oxidation by the thyroid. Bénard B, et al. Biochim Biophys Acta 184:48-53, 17 Jun 69

Subunit structure of hog thyroglobulin: dissociation of noniodinated and highly iodinated preparations. Tarutani O, et al. Biochim Biophys Acta 181:136-45, May 69

Monoamine oxidase activity of the thyroid glands in thyroid disease. Hidaka H, et al. Clin Chim Acta 23:383-6, Mar 69

Biological activities and molecular weights of ultimobranchial and thyroid calcitonins. O'Dor RK, et al. Comp Biochem Physiol 29:295-300, Apr 69

Enzymic pathway for thyroxine synthesis through p-hydroxy-3,5-diiodophenylpyruvic acid. Biasi F, et al. Endocrinology 85:542-51, Sep 69

Effect of thyrotopin and the iodine content of the thyroid on the triiodothyronine: thyroxine ration of newly synthesized iodothyronines. Greer MA, et al. Endocrinology 85:244-50, Aug 69

Dependence of protein-binding of iodide on concentration of thyroidal iodide in chickens. Newcomer WS. Endocrinology 85:231-5, Aug 69

Stimulation of thyroid hyperplasia and protein synthesis by LATS. Ochi Y, et al. Endocrinology 85:344-7, Aug 69

Effect of chlorpromazine on thyrotropin-stimulated endocytosis and glucose oxidation in canine thyroid slices. Onaya T, et al. Endocrinology 85:150-4, Jul 69

The kinetics of the inhibition of thyroidal iodide accumulation by thiocyanate: a reexamination. Scranton JR, et al. Endocrinology 85:603-7, Sep 69

Factors in the iodination of histidine in proteins. Wolff J, et al. Europ J Biochem 9:371-7, Jun 69

Prediction of the long-term results of antithyroid drug therapy for thyrotoxicosis. Hales I, et al. J Clin Endocr 29:998-1001, Jul 69

Thyroid proteins in a goitrous cretin with iodide organification defect. Mouriz J, et al. J Clin Endocr 29:942-7, Jul 69

Aetiology of extrahepatic epithelial iron deposits in siderosis in Bantu. Buchanan WM. J Clin Path 22:296-300, May 69

Effect of lesions in the globus pallidus upon thyroid function. Cheifetz PN. J Endocr 43:36-7, Jan 69

131-I-3'-iodoaminopterin: a gamma-labeled active-site-directed enzyme inhibitor. Johns DG, et al. J Nucl Med 9:530-6, Oct 68

Thyroid-uptake studies using 132I. Levy BS, et al. J Nucl Med 10:286-9, Jun 69

Predicting the minimum activity required for thyroid-uptake studies. Metz CE. J Nucl Med 10:475-9, Jul 69

Extra-thyroidal neck radioactivity. Myhill J. J Nucl Med 10:52, Jan 69

Neck extrathyroidal activity of 99mTc-pertechnetate. Shimmins J, et al. J Nucl Med 10:483-6, Jul 69

123I thyroid measurements with a Ge (Li) detector. Sodd VJ, et al. J Nucl Med 10:136-9, Mar 69

Estimation of thyroid uptake of 131-I from digitized scintiscan matrices. Tauxe WN. J Nucl Med 10:258-60, Jun 69

Thyroid testing during drug administration. Myhill J. Med J Aust 1:422-4, 22 Feb 69

Changing normal values for thyroidal radioiodine uptake. Pittman JA Jr, et al. New Eng J Med 280:1431-4, 26 Jun 69

The changing iodide-uptake test. Stanbury JB. New Eng J Med 280:1474-5, 26 Jun 69

Radioiodine metabolism in the beagle dog: the importance of age and mode of 131-I exposure. Foreman RE, et al. Proc Soc Exp Biol Med 131:980-5, Jul 69

Some observations on the deposition of Americium-241 in the thyroid gland of the beagle. Stevens W, et al. Radiat Res 39:201-6, Jul 69

Iodine-131 in bovine thyroid, October-December 1968, Bureau of Radiological Health, Public Health Service. Radiol Health Data Rep 10:178-80, Apr 69

Endocytosis of thyroglobulin and the release of thyroid hormone. Seljelid R, et al. Scand J Clin Lab Invest 22:Suppl 106:125+, 1968

Studies on the iodine metabolism of the thyroid gland as revealed by electron microscopic autoradiography of 125I. Fujita H. Virchow Arch [Zellpath] 2:265-79, 1969

[Dynamics of the nucleic acids of the thyroid, ovary, testis, pancreas and adrenal glands of animals (rats) of various ages] Tanase I, et al. G Geront 17:17-22, 2 Mar 68 (Fre)

[Effect of stimulation of the sural nerve on various monosynaptic reflexes in man] Hugon M, et al. J Physiol (Paris) 59:Suppl:244, 1967 (Fre)

[Thyroid metabolism of hypophysectomized tadpoles of Alytes obstetricians] Rémy C, et al. J Physiol (Paris) 59:Suppl:286, 1967 (Fre)

[On the effect of desoxycorticosterone glycoside on thyroid function] Gólián-Bartha K. Acta Med Acad Sci Hung 25:121-6, 1968 (Ger)

[Compensation of artificial hypercalcemia depending on thyroid gland function] Schwarz G. Med Klin 64:537-9, 21 Mar 69 (Ger)

[Iodine isotope function test in the iodine saturated thyroid gland] Grebe SF. Med Welt 11:700-5, 16 Mar 68 (Ger)

[Studies of the 131-I dynamics in various disorders of iodine metabolism] Grebe SF. Nuclearmedizin 8:61-74, 15 Apr 69 (Ger)

[Thyroid gland hormones and thyreotropin. 10] Götz HG. Pharm Prax 7:204-8, 1967 (83 ref.) (Ger)

[Influences on the binding capacity of thyroxine-binding proteins during pregnancy] Fridrich R, et al. Schweiz Med Wschr 99:833-9, Jun 69 (Ger)

[Thyroid uptake and scintiscanning in the study of thyroid diseases. Geographic distribution in the province of Pavia] Ricotti V, et al. Arch Sci Med (Torino) 125:570-9, Nov 68 (Ita)

[Phosphorylation of thymidine in thyroid gland and spleen of rats at early periods after total gamma-irradiation] Filippovich IV, et al. Radiobiologiia 8:680-3, Sep-Oct 68 (Rus)

PATHOLOGY

Clinico-pathological studies on chronic thyroiditis. Hisada T. Acta Path Jap 18:512-4, Nov 68

Thyroid crisis: diagnosis and treatment. Nelson NC, et al. Ann Surg 170:263-73, Aug 69

Microscopically benign thyroid follicles in cervical lymph nodes. Serial section study of lymph node inclusions and entire thyroid gland in 5 cases. Meyer JS, et al. Cancer 24:302-11, Aug 69

Medullary cancer of the thyroid gland associated with hypercorticism. Szijj I, et al. Cancer 24:167-73, Jul 69

Perpetuation of autoimmune thyroiditis and

production of secondary renal lesions following periodic injections of aqueous preparations of altered thyroglobulin. Weigle WO, et al. **Clin Exp Immun** 4:645-57, Jun 69

Biochemical and pathological changes in rats fed brominated cottonseed oil for 80 days. Munro IC, et al. **Food Cosmet Toxic** 7:25-33, Jan 69

The parafollicular cell of the thyroid gland as the source of an osteoblast-stimulating factor. Evidence from experimentally osteopetrotic mice. Marks SC Jr. **J Bone Joint Surg [Amer]** 51:875-90, Jul 69

The parafollicular cell of the thyroid gland as the source of an osteoblast-stimulating factor. Evidence from experimentally osteopetrotic mice. Marks SC Jr. **J Bone Joint Surg [Brit]** 51:875-90, Jul 69

Influence of age and sex on thyroiditis in rats injected subcutaneously with 3-methylcholanthrene. Glover EL, et al. **Path Microbiol (Basel)** 32:314-20, 1968

[Developmental stages of autonomic secreting thyroid nodules. Histologic and histo-radioautographic study with optical and electronic microscopy] Michel-Bechet M, et al. **Marseille Med** 106:29-32, 1969 **(Fre)**

[C-cells in the human thyroid gland] Kracht J, et al. **Verh Deutsch Ges Path** 52:485-90, 1968 **(Ger)**

[Thyroiditis causing upper respiratory stenosis] Szabó L, et al. **Orv Hetil** 110:1388-90, 15 Jun 69 **(Hun)**

[Histopathological and serological studies in thyroiditis] Pencea V, et al. **Rev Medicochir Iasi** 72:955-60, Oct-Dec 68 **(Rum)**

[Changes of thyroid structure and of hormonal iodine (PBI) in experimental hypercorticism and their evolution after subtotal adrenalectomy] Damian A, et al. **Stud Cercet Endocr** 19:493-6, 1968 **(Rum)**

[Reaction of thyroid gland tissues to stimulants at different levels of hormonal balance and radiation sickness] Dunaev PV. **Biull Eksp Biol Med** 63:109-12, Apr 67 **(Rus)**

PHYSIOLOGY

Hormonal relationships of mastocytogenesis in lymphatic organs. 3. Effect of the pineal body-thyroid-thymus system on mast cell production. Csaba G, et al. **Acta Anat (Basel)** 71:565-80, 1968

The hypocalcaemic and hypophosphataemic effect of extracts from chicken ultimorbranchial glands. Sorensen OH, et al. **Acta Endocr (Kobenhavn)** 60:689-95, Apr 69

Oxygen poisoning and thyroid function. Szilágyi T, et al. **Acta Physiol Acad Sci Hung** 35:59-61, 1969

The glycosaminoglycans fractions in the skin of athyroid rats. Kofoed JA, et al. **Acta Physiol Lat Amer** 17:323-5, 1967

Two different types of goitrogen blockage: their importance in the neural control of the thyroid gland. Voloschin LM, et al. **Acta Physiol Lat Amer** 17:234-46, 1967

Thyroid function in human pregnancy. VI. Premature deliveries and reproductive failures of pregnant women with low serum butanol-extractable iodines. Maternal serum TBG and TBPA capacities. Jones WS, et al. **Amer J Obstet Gynec** 104:909-14, 15 Jul 69

Thyroid function in human pregnancy. V. Incidence of maternal serum low butanol-extractable iodines and of normal gestational TBG and TBPA capacities; retardation of 8-month-old infants. Man EB, et al. **Amer J Obstet Gynec** 104:898-908, 15 Jul 69

Effect of endocrine glands on function of the gastrointestinal tract. Study of the thyroid, parathyroid, and adrenal glands. Gregory CH, et al. **Amer J Surg** 117:893-906, Jun 69 (169 ref.)

Stages of recovery and development of lateral hypothalamic control of food and water intake. Teitelbaum P, et al. **Ann NY Acad Sci** 157:849-60, 15 May 69

Chemical thyroidectomy and a consideration of larval growth and metamorphosis in Rana temporaria. Fox H. **Arch Biol (Liege)** 78:595-623, 1967

Aminotriazole, thyroid function, and catecholamines in nephrogenic hypertension in rats. Fregly MJ, et al. **Canad J Physiol Pharmacol** 47:407-14, May 69

Carbohydrate metabolism in normal and thyroidectomized Bufo bufo adult males. Rinaudo MT, et al. **Comp Biochem Physiol** 29:1079-86, Jun 69

Effect of thyroparathyroidectomy on skeletal sodium metabolism in the rat. Coleman EH, et al. **Endocrinology** 85:175-6, Jul 69

Thyroxine metabolism and thyroid function in the cold-adapted rat. Galton VA, et al. **Endocrinology** 85:79-86, Jul 69

Mode of hypocalcemic action of glucagon in the rat. Williams GA, et al. **Endocrinology** 85:538-41, Sep 69

Estimation of thyroid function in rats exposed or adapted to environments at 5 or 30 C. Cadot M, et al. **Fed Proc** 28:1228-33, May-Jun 69

The parafollicular cell of the thyroid gland as the source of an osteoblast-stimulating factor. Evidence from experimentally osteopetrotic mice. Marks SC Jr. **J Bone Joint Surg [Brit]** 51:875-90, Jul 69

Development of feeding parallels its recovery after hypothalamic damage. Teitelbaum P, et al. **J Comp Physiol Psychol** 67:430-41, Apr 69

Effect of lesions in the globus pallidus upon thyroid function. Cheifetz PN. **J Endocr** 43:36-7, Jan 69

Influence of hormones on N-2-fluorenyldiacetamide-induced hyperplastic hepatic nodules in rats. Reuber MD. **J Nat Cancer Inst** 43:445-52, Aug 69

Effects of thyroidectomy or thyroxine on testicular tissue metabolism. Massie ED, et al. **J Reprod Fertil** 18:173-4, Feb 69

Reproductive physiology of the post partum cow. II. Pituitary, adrenal and thyroid function. Wagner WC, et al. **J Reprod Fertil** 18:501-8, Apr 69

Structural design of the terminal vascular network in the thyroid gland of dog under various functional conditions. Ichev K. **Nauch Tr Vissh Med Inst Sofiia** 47:17-21, 1968

Thyrocalcitonin. Hirsch PF, et al. **Physiol Rev** 49:548-622, Jul 69 (408 ref.)

Studies on the thyrotropin-releasing hormone (TRH) activity in peripheral blood. Redding TW, et al. **Proc Soc Exp Biol Med** 131:420-5, Jun 69

Metabolism of digitalis. Wilson WS. **Progr Cardiovasc Dis** 11:479-87, May 69 (55 ref.)

Hypothalamic neurosecretion and metamorphosis in Xenopus laevis. 3. The effect of an interruption of thyroid hormone synthesis. Goos HJ. **Z Zellforsch** 92:583-7, 1968

[The thyroid gland and aging in man] Feit V. **Cas Lek Cesk** 108:857-60, Jul 69 **(Cze)**

[New knowledge about the pathogenesis of hyperthyroidism] Küchel O, et al. **Cas Lek Cesk** 108:833-8, Jul 69 (54 ref.) **(Cze)**

[The thyroid and calcium metabolism] Arvy L. **J Physiol (Paris)** 60:405-48, Sep-Oct 68 (210 ref.) **(Fre)**

[On the endocrine regulation of the blood-calcium level. I. The role of the thymus gland in the calcium regulation in rats] Csaba G, et al. **Acta Med Acad Sci Hung** 26:179-86, 1969 **(Ger)**

[Recent findings on thyrocalcitonin and parathyroid hormone] Kohler H, et al. **Schweiz Med Wschr** 99:740-3, 17 May 69 (20 ref.) **(Ger)**

[Ovocytes in the testicle of adult toads thyroidectomized with I-131] Guardabassi A, et al. **Ric Sci** 38:976-9, Oct 68 **(Ita)**

[The endocrinology of puberty and adolescence. Thyroid hormone] Nakajima H, et al. **Clin Endocr (Tokyo)** 17:87-94, Feb 69 (36 ref.) **(Jap)**

[Study of thyroid function in the aged, using the Achilles reflexogram] Creţeanu G, et al. **Rev Medicochir Iasi** 72:967-70, Oct-Dec 68 **(Rum)**

[Morphologic analysis of the state of the hypothalamo-hypophyseal neurosecretory system and thyroid gland of white mice under chronic salt load] Iakovleva IV, et al. **Biull Eksp Biol Med** 63:91-5, Apr 67 **(Rus)**

[Changes in the mitotic index with age in various organs of white rats] Pomanov IuA, et al. **Biull Eksp Biol Med** 67:104-7, Apr 69 **(Rus)**

[Bioelectrical activity in the rat brain after injection of thyroidine and 6-methylthiouracile under stress and adrenalectomy] Malyshenko IM. **Fiziol Zh SSSR Sechenov** 54:176-81, Feb 68 **(Rus)**

PHYSIOPATHOLOGY

Lithium and thyroid function. Simpson GM, et al. **Amer J Psychiat** 125:1132, Feb 69

Riedel's disease. Greene R. **Brit J Clin Pract** 23:261-3, Jun 69

Thyroid function in Addison's disease. Maisey MN, et al. **Brit Med J** 3:392-3, 16 Aug 69

Thyroidal dysfunction during simulated altitude conditions. Mulvey PF Jr, et al. **Fed Proc** 28:1243-6, May-Jun 69

Effect of bacterial pyrogen on the thyroid uptake of 131-I and urinary excretion of

17-hydroxycorticosteroid in normal subjects. De la Balze FA, et al. **Folia Endocr (Roma)** 21:611-22, Oct 68
Thyroid function in a family with the Pendred syndrome. Milutinovic PS, et al. **J Clin Endocr** 29:962-9, Jul 69
Persistent estrus: an experimental model of the polycystic ovary syndrome. Singh KB. **Obstet Gynec Survey** 24:2-17, Jan 69 (111 ref.)
Fibrous dysplasia of the orbit. Moore RT. **Survey Ophthal** 13:321-34, May 69 (26 ref.)
[Condition of thyroid gland and iodine metabolism in the patients with myasthenia] Kotliarov EV, et al. **Med Radiol (Moskva)** 12:9-14, Dec 67 **(Rus)**
[Condition of thyroid gland of rats after fractionated roentgen radiation with prophylactic administration of cystamine] Nenarokova LI, et al. **Radiobiologiia** 8:731-5, Sep-Oct 68 **(Rus)**
[Absorption of I-131 by the thyroid gland in chronic bilateral kidney disease] Popov NG, et al. **Ter Arkh** 39:10-3, Mar 67 **(Rus)**
[Changes in the blood system under chronic exposure to an ultrahigh frequency field] Gembitskiĭ EV, et al. **Voennomed Zh** 5:21-3, May 69 **(Rus)**
[Materials on the study of the function of the adrenal cortex and thyroid gland in patients with mastopathy] Futornyi MG, et al. **Vop Onkol** 15:87-8, 1969 **(Rus)**

RADIATION EFFECTS

Thyroid depression following splenic irradiation in lymphoma patients. Logan JW. **Aust Radiol** 13:161-3, May 69
Purification and properties of thyrotropin from functional pituitary tumors in mice. Condliffe PG, et al. **Endocrinology** 85:453-64, Sep 69
The effect of pinealectomy and environmental lighting on the gonadal, thyroid, and total body weight of female Long-Evans rats. Bick RL, et al. **Experientia** 25:531-2, 15 May 69
WRED, a siting code to estimate dose probability distribution from measured meteorology data. Cooper RE. **Health Phys** 16:735-8, Jun 69
The effect of propylthiouracil and 131-I on rat thyroid chromosomes. Speight JW, et al. **J Endocr** 42:267-75, Oct 68
Later results of 131-I treatment of hyperthyroidism in 73 children and adolescents: 1967 followup. Starr P, et al. **J Nucl Med** 10:586-90, Sep 69
Some observations on the deposition of Americium-241 in the thyroid gland of the beagle. Stevens W, et al. **Radiat Res** 39:201-6, Jul 69
Accidents of nuclear power plants and the hazard to the public. Běhounek F. **Sborn Ved Prac Lek Fak Karlov Univ** 11:415-24, 1968
[Hygienic assessment of the chronic action of natural uranium on the functioning of the thyroid gland] Rezanov II. **Gig Sanit** 33:48-52, Aug 68 **(Rus)**
[State of the endocrine system in experimental animals with chronic radiation injury] Strel'tsova VN. **Med Radiol (Moskva)** 12:83-92, Oct 67 (35 ref.) **(Rus)**
[Phosphorylation of thymidine in thyroid gland and spleen of rats at early periods after total gamma-irradiation] Filippovich IV, et al. **Radiobiologiia** 8:680-3, Sep-Oct 68 **(Rus)**
[An analysis of primary local damage to DNA isolated from the livers and thyroid glands of irradiated rats] Ivannik BP, et al. **Radiobiologiia** 7:332-3, May-Jun 67 **(Rus)**
[Condition of thyroid gland of rats after fractionated roentgen radiation with prophylactic administration of cystamine] Nenarokova LI, et al. **Radiobiologiia** 8:731-5, Sep-Oct 68 **(Rus)**

RADIOGRAPHY

[Clinical case. Calcification of the thyroid gland] Gramatopol D. **J Belg Radiol** 52:117-8, 1969 **(Fre)**
[Calcification of the lateral thyro-hyoid ligaments] Bonjean P. **J Radiol Electr** 50:58, Jan-Feb 69 **(Fre)**

SECRETION

Iodide goiter and the pharmacologic effects of excess iodide. Wolff J. **Amer J Med** 47:101-24, Jul 69 (280 ref.)
Stimulation of thyroid hormone secretion by dibutyryl cyclic-AMP. Ahn CS, et al. **Endocrinology** 85:224-30, Aug 69
The thyroid gland and the neurosecretory activity of the hypothalamus in the newborn rabbit. Siebodziński A, et al. **J Endocr** 42:193-203, Oct 68
Endocytosis of thyroglobulin and the release of thyroid hormone. Seljelid R, et al. **Scand J Clin Lab Invest** 22:Suppl 106:125+, 1968
[Morphologic analysis of the state of the hypothalamo-hypophyseal neurosecretory system and thyroid gland of white mice under chronic salt load] Iakovleva IV, et al. **Biull Eksp Biol Med** 63:91-5, Apr 67 **(Rus)**

SURGERY

Nerve injury in thyroid surgery. Elner A, et al. **Acta Chir Scand** 134:103-5, 1968
Medullary carcinoma of the thyroid. Williams CR, et al. **Brit J Surg** 56:437-43, Jun 69

TRANSPLANTATION

Allograft implants in the anterior chamber of the eye of the rabbit. Early vascularization and sensitization of the host. Raju S, et al. **Transplantation** 7:475-83, Jun 69

THYROID GLAND FUNCTION TESTS

Diazepam (Valium) and thyroid function: a double-blind, placebo controlled study in normal volunteers showing no drug effect. Mazzaferri EL, et al. **Amer J Med Sci** 257:388-94, Jun 69
Lithium and thyroid function. Simpson GM, et al. **Amer J Psychiat** 125:1132, Feb 69
Iodine disinfection of water. Thomas WC Jr, et al. **Arch Environ Health (Chicago)** 19:124-8, Jul 69
Pretibial myxoedema. Hetzel BS, et al. **Aust J Derm** 10:18-25, Apr 69
The use of radio-active isotopes in the investigation of thyroid function. Farran HE. **Brit J Clin Pract** 23:233-5, Jun 69
Results of treatment of thyrotoxicosis after postoperative relapse. McLarty DG, et al. **Brit Med J** 3:200-3, 26 Jul 69
Thyroid function in Addison's disease. Maisey MN, et al. **Brit Med J** 3:392-3, 16 Aug 69
Chlorpromazine-procyclidine and imipramine: effects on thyroid function in psychiatric patients. Blumberg AG, et al. **Clin Pharmacol Ther** 10:350-4, May-Jun 69
Effect of triiodothyronine administration on serum PBI in hypothyroid patients maintained on constant doses of thyroxine. Farmer TA Jr, et al. **J Clin Endocr** 29:781-5, Jun 69
Thyroid function in a family with the Pendred syndrome. Milutinovic PS, et al. **J Clin Endocr** 29:962-9, Jul 69
Effect of chronic coumadin administration on thyroid hormone binding in serum. Braverman LE, et al. **J Nucl Med** 10:511-3, Jul 69
A simplified method for estimating free-thyroxine fraction in serum. Cavalieri RR, et al. **J Nucl Med** 10:565-70, Sep 69
Thyroid-uptake studies using 132I. Levy BS, et al. **J Nucl Med** 10:286-9, Jun 69
Extra-thyroidal neck radioactivity. Myhill J. **J Nucl Med** 10:52, Jan 69
Familial galactorrhea in three sisters with oligo-ovulation. Wider JA, et al. **JAMA** 209:669-71, 4 Aug 69
Laboratory aids in the diagnosis of endocrine disorders. Katz FH. **Med Clin N Amer** 53:79-95, Jan 69 (43 ref.)
Thyroid testing during drug administration. Myhill J. **Med J Aust** 1:422-4, 22 Feb 69
Pathophysiological aspects on surgical treatment of thyroid disease. Heimann P. **Progr Surg** 7:1-55, 1969 (370 ref.)
A thyro-binding index kit test of thyroid function. An evaluation and modification. Oldfield RK, et al. **Techn Bull Regist Med Techn** 39:134-8, Jun 69
Survey of T3 methods of thyroid function. Pain RW, et al. **Techn Bull Regist Med Techn** 39:139-41, Jun 69
[Evolution of iodine uptake, PBI-131, PBI-127 and clinical symptoms following administration of triiodothyronine to subjects with hyperthyroidism caused by diffuse thyroid hyperplasia. Role of the lymphatic system and LATS in the effect of Graves disease stimulation] Mahaux JE, et al. **Ann Endocr (Paris)** 29:483-95, Jul-Aug 68 **(Fre)**
[Radioisotopes in otorhinolaryngology (scintiligraphy of the thyroid gland and neck)] Andreevski A, et al. **God Zborn Med Fak Skopje** 14:150-5, 1968 **(Fre)**
[Addison's disease and thyrotoxic crisis] Couturier E, et al. **Presse Med** 77:515-6, 22 Mar 69 **(Fre)**
[Radioimmunoassay of thyrotropin (TSH) in human

plasma] Freychet P, et al.
Presse Med 77:13-6, 4 Jan 69 **(Fre)**
[Improved method of the I-131 triiodothyronine test] Ganster H, et al. **Med Welt** 5:266-7, 1 Feb 69 **(Ger)**
[Iodine isotope function test in the iodine saturated thyroid gland] Grebe SF.
Med Welt 11:700-5, 16 Mar 68 **(Ger)**
[Studies of the 131-I dynamics in various disorders of iodine metabolism] Grebe SF.
Nuclearmedizin 8:61-74, 15 Apr 69 **(Ger)**
[Thyroid uptake and scintiscanning in the study of thyroid diseases. Geographic distribution in the province of Pavia] Ricotti V, et al.
Arch Sci Med (Torino) 125:570-9, Nov 68 **(Ita)**
[Thyrophonographic findings in diseases of the thyroid gland] Palagi L, et al.
Folia Endocr (Roma) 21:621-31, Oct 68 **(Ita)**
[The endocrinology of puberty and adolescence. Thyroid hormone] Nakajima H, et al.
Clin Endocr (Tokyo) 17:87-94, Feb 69 (36 ref.) **(Jap)**
[Thyroid function tests] Iino S, et al.
Jap J Clin Med 27:265-71, Feb 69 (32 ref.) **(Jap)**
[Value of butanol index of conversion of I-131 for the estimation of the state of hormonal activity of the thyroid] Kieta-Fyda A, et al.
Pol Tyg Lek 24:351-4, 10 Mar 69 **(Pol)**
[A study of the anti-thyroid effect of metabolites of tumor cells during in vitro experiments] Arkhilenko VI. **Biull Eksp Biol Med** 67:99-100, Apr 69 **(Rus)**
[Condition of thyroid gland and iodine metabolism in the patients with myasthenia] Kotliarov EV, et al.
Med Radiol (Moskva) 12:9-14, Dec 67 **(Rus)**
[Results of experimental-clinical studies of Tc99m-pertechnetate] Koval'chuk ND, et al.
Med Radiol (Moskva) 12:21-6, Dec 67 **(Rus)**
[Rational method of calculation of factor F in determination of functional status of thyroid gland by means of I-131-tyroxin] Modestov VK, et al.
Med Radiol (Moskva) 12:81, Dec 67 **(Rus)**
[On the diagnosis and treatment of diseases of the thyroid gland with radioactive iodine] Egorov PI, et al. **Ter Arkh** 39:5-9, Mar 67 (42 ref.) **(Rus)**
[Hyperthyroidism] Bischof B.
Folia Clin Int (Barc) 17:427-33 contd, Sep 67 **(Spa)**

STANDARDS

Normal ranges de-emphasized. Hamburger JI.
New Eng J Med 281:331, 7 Aug 69
Changing normal values for thyroidal radioiodine uptake. Pittman JA Jr, et al.
New Eng J Med 280:1431-4, 26 Jun 69
The changing iodide-uptake test. Stanbury JB.
New Eng J Med 280:1474-5, 26 Jun 69

THYROIDECTOMY

Hormonal relationships of mastocytogenesis in lymphatic organs. 3. Effect of the pineal body-thyroid-thymus system on mast cell production. Csaba G, et al. **Acta Anat (Basel)** 71:565-80, 1968
Oxygen poisoning and thyroid function. Szilágyi T, et al.
Acta Physiol Acad Sci Hung 35:59-61, 1969
The glycosaminoglycans fractions in the skin of athyroid rats. Kofoed JA, et al.
Acta Physiol Lat Amer 17:323-5, 1967
Stages of recovery and development of lateral hypothalamic control of food and water intake. Teitelbaum P, et al.
Ann NY Acad Sci 157:849-60, 15 May 69
Chemical thyroidectomy and a consideration of larval growth and metamorphosis in Rana temporaria. Fox H. **Arch Biol (Liege)** 78:595-623, 1967
Non-toxic goitre. Gracey L.
Brit J Clin Pract 23:239-40, Jun 69
Neoplasms of the thyroid. Piercy JE.
Brit J Clin Pract 23:244-9, Jun 69
Medullary carcinoma of the thyroid. Williams CR, et al.
Brit J Surg 56:437-43, Jun 69
Results of treatment of thyrotoxicosis after postoperative relapse. McLarty DG, et al.
Brit Med J 3:200-3, 26 Jul 69
Second operations for thyroid carcinoma. James KW, et al. **Canad J Surg** 12:289-93, Jul 69
Monoamine oxidase activity of the thyroid glands in thyroid disease. Hidaka H, et al.
Clin Chim Acta 23:383-6, Mar 69
Dissociation between changes in urinary total hydroxyproline and plasma alkaline phosphatase after removal of parathyroid tumour. Smith R.
Clin Chim Acta 23:421-6, Mar 69
Carbohydrate metabolism in normal and thyroidectomized Bufo bufo adult males. Rinaudo MT, et al. **Comp Biochem Physiol** 29:1079-86, Jun 69
Effect of thyroparathyroidectomy on skeletal sodium metabolism in the rat. Coleman EH, et al.
Endocrinology 85:175-6, Jul 69
Intrathoracic goiter. Polak E. **Geriatrics** 24:134-9, Jun 69
Management of thyrotoxicosis in pregnancy. Value of serial protein-bound iodine and hamolski tests. Kaori M, et al. **Israel J Med Sci** 5:43-8, Jan-Feb 69
The parafollicular cell of the thyroid gland as the source of an osteoblast-stimulating factor. Evidence from experimentally osteopetrotic mice. Marks SC Jr.
J Bone Joint Surg [Amer] 51:875-90, Jul 69
The extent of organ removal in the Oxford area. Fairbairn AS, et al. **J Chronic Dis** 22:111-22, Jul 69
Development of feeding parallels its recovery after hypothalamic damage. Teitelbaum P, et al.
J Comp Physiol Psychol 67:430-41, Apr 69
The blocking effect of thyroidectomy on adrenal and ovarian hypertrophy produced by aminoglutethimide feeding in rats. Schreiber V, et al.
J Endocr 42:349-50, Oct 68
Influence of hormones on N-2-fluorenyldiacetamide-induced hyperplastic hepatic nodules in rats. Reuber MD.
J Nat Cancer Inst 43:445-52, Aug 69
The pyramidal lobe in thyroid imaging. Izenstark JL, et al. **J Nucl Med** 10:519-24, Aug 69
Effects of thyroidectomy or thyroxine on testicular tissue metabolism. Massie ED, et al.
J Reprod Fertil 18:173-4, Feb 69
Malignancy in thyroid nodules. Thomson JA, et al.
Lancet 2:162, 19 Jul 69
Experience with thyroid malignancy in a private referral laboratory. Hamburger JI.
Mich Med 68:575-80, Jun 69
Essentials in diagnosing and treating hyperparathyroidism. Adams HD.
Postgrad Med 45:119-24, Apr 69
Studies on the thyrotropin-releasing hormone (TRH) activity in peripheral blood. Redding TW, et al.
Proc Soc Exp Biol Med 131:420-5, Jun 69
Pathophysiological aspects on surgical treatment of thyroid disease. Heimann P.
Progr Surg 7:1-55, 1969 (370 ref.)
[The thyroid and calcium metabolism] Arvy L.
J Physiol (Paris) 60:405-48, Sep-Oct 68 (210 ref.) **(Fre)**
[On the endocrine regulation of the blood-calcium level. I. The role of the thymus gland in the calcium regulation in rats] Csaba G, et al.
Acta Med Acad Sci Hung 26:179-86, 1969 **(Ger)**
[Problems of the prophylaxis of goiter-recurrence with drugs] Steiner H, et al.
Munchen Med Wschr 111:569-71, 7 Mar 69 **(Ger)**
[On the problem of recurrence in operated juvenile strumas] Stoltze D, et al.
Z Aerzti Fortbild (Jena) 62:1217-21, 15 Nov 68 **(Ger)**
[Evolution of anesthetic methods in surgery of the thyroid gland. (Clinico-statistical study)] Pollazzon G, et al.
Acta Anaesth (Padova) 20:103-34, Jan-Feb 69 **(Ita)**
[Evaluation of the analgesic effect of sustained-release d-propoxyphene] Ariano M, et al.
Minerva Anest 35:563-9, May 69 **(Ita)**
["Cold nodules" of the thyroid. Clinico-pathological evaluation] Bertolotti A.
Policlinico [Prat] 74:1317-31, 25 Sep 67 **(Ita)**
[On the problem of surgery of goiter in children] Martula M, et al. **Endokr Pol** 20:183-6, May-Jun 69 **(Pol)**
[Morphology and androgenic activity of testicles of rats after surgical thyreoidectomy] Narbutt B, et al.
Endokr Pol 20:223-30, May-Jun 69 **(Pol)**
[Pyruvic acid in the blood of operated patients] Krynicki M. **Pol Przegl Chir** 41:116-20, Feb 69 **(Pol)**
[Rheumatoid arthritis and thyroid hormones] Krzymień H, et al.
Reumatologia (Warsz) 7:31-7, 1969 **(Pol)**
[Reaction of thyroid gland tissues to stimulants at different levels of hormonal balance and radiation sickness] Dunaev PV.
Biull Eksp Biol Med 63:109-12, Apr 67 **(Rus)**
[Endotracheal narcosis in surgery for severe forms of Basedow's disease] Liakhovitskiĭ MM, et al.
Vestn Khir Grekov 102:101-3, Feb 69 **(Rus)**
[Experimental studies on the influence of thyroid hormones and some other hormonal factors on

diabetic acidosis] Karwowska-Stauber L, et al.
Acta Diabet Lat 6:56-73, Jan-Mar 69 **(Mul)**

ADVERSE EFFECTS

Osteitis deformans (Paget's disease of bone) complicating hypoparathyroidism. Pitman GH, et al.
Ann Surg 170:286-91, Aug 69

Teflon injection for vocal cord paralysis. Goff WF.
Arch Otolaryng (Chicago) 90:98-102, Jul 69

Clinicopathological discussion. Case presentations from the records of the Surgical Committee Meetings the Memorial Hospital, Danville, Va.
Virginia Med Monthly 96:268-72, May 69

[Therapy of general energy and nutrition disorders in surgery] Hartig W.
Z Aerztl Fortbild (Jena) 63:286-92, 1 Mar 69 **(Ger)**

II. Disorders of the Thyroid Gland

CRETINISM

Thyroid proteins in a goitrous cretin with iodide organification defect. Mouriz J, et al.
J Clin Endocr 29:942-7, Jul 69

DIAGNOSIS

[On the diagnosis and differential diagnosis of pituitary dwarfism (nanosomia pituitaria)] Mannstadt C, et al.
Z Aerztl Fortbild (Jena) 62:1094-9, 1 Oct 68 **(Ger)**

ETIOLOGY

Sporadic cretinism and juvenile hypothyroidism. Ahuja MM, et al. **Metabolism** 18:488-96, Jun 69
[Significance of heterotopic thyroid as etiology of sporadic cretinism] Niimi A, et al.
Clin Endocr (Tokyo) 17:194-7, Mar 69 **(Jap)**

OCCURRENCE

Pre-Columbian perception. Muggia A.
New Eng J Med 280:1365, 12 Jun 69

GOITER

Studies on the transfer of thio-oxazolidone-type goitrogens into cow's milk in goitre endemic districts of Finland and in experimental conditions. Arstila A, et al. **Acta Endocr (Kobenhavn)** 60:712-8, Apr 69
[Progress of endemic goiter in Finland. Studies on the thyroid glands of newborns] Nordman R.
Nord Med 81:304-7, 6 Mar 69 **(Swe)**

BLOOD

[Radioimmunoassay of thyrotropin (TSH) in human plasma] Freychet P, et al.
Presse Med 77:13-6, 4 Jan 69 **(Fre)**

CHEMICALLY INDUCED

Two different types of goitrogen blockage: their importance in the neural control of the thyroid gland. Voloschin LM, et al.
Acta Physiol Lat Amer 17:234-46, 1967
Iodide goiter and the pharmacologic effects of excess iodide. Wolff J. **Amer J Med** 47:101-24, Jul 69 (280 ref.)
Lithium and thyroid function. Simpson GM, et al.
Amer J Psychiat 125:1132, Feb 69
Lithium carbonate (a review). Noyes R Jr.
Dis Nerv Syst 30:318-21, May 69 (18 ref.)
Stimulation of thyroid hyperplasia and protein synthesis by LATS. Ochi Y, et al.
Endocrinology 85:344-7, Aug 69
The methyl xanthines--a new class of goitrogens. Wolff J, et al. **Endocrinology** 85:410-4, Sep 69

COMPLICATIONS

Thyroid function in human pregnancy. VI. Premature deliveries and reproductive failures of pregnant women with low serum butanol-extractable iodines. Maternal serum TBG and TBPA capacities. Jones WS, et al. **Amer J Obstet Gynec** 104:909-14, 15 Jul 69
Intrathoracic goiter. Polak E. **Geriatrics** 24:134-9, Jun 69
[Coronary thrombosis during treatment with oral contraceptives] Dalgaard JB, et al.
Nord Med 81:273-9, 27 Feb 69 **(Dan)**
[Addison's disease and thyrotoxic crisis] Couturier E, et al. **Presse Med** 77:515-6, 22 Mar 69 **(Fre)**
[The significance of forced inspiratory capacity for the diagnosis of stenosing processes in the area of larynx and trachea] Schönthal H, et al.
Z Laryng Rhinol Otol 48:427-35, Jun 69 **(Ger)**
[Amyloid goiter and compression of the esophagus. Comments on a case] Zyngier FR, et al.
Arq Brasil Endocr 17:69-76, Aug 68 **(Por)**

CONGENITAL

Iodide goiter and the pharmacologic effects of excess iodide. Wolff J. **Amer J Med** 47:101-24, Jul 69 (280 ref.)
Thyroid proteins in a goitrous cretin with iodide organification defect. Mouriz J, et al.
J Clin Endocr 29:942-7, Jul 69
[Congenital disorders of thyroid hormonogenesis: personal experience] Codaccioni JL, et al.
Marseille Med 106:13-9, 1969 **(Fre)**

DIAGNOSIS

Non-toxic goitre. Gracey L.
Brit J Clin Pract 23:239-40, Jun 69
Malignancy in thyroid nodules. Thomson JA, et al.
Lancet 2:162, 19 Jul 69
Pathophysiological aspects on surgical treatment of thyroid disease. Heimann P.
Progr Surg 7:1-55, 1969 (370 ref.)
[On cytodiagnosis of benign processes in otolaryngology] Hraba M.
Cesk Otolaryng 18:111-4, Jun 69 **(Cze)**
[New trends in thermography] Gros CM, et al.
Presse Med 77:675-8, 12 Apr 69 **(Fre)**
[Thyroid metastasis of a clear-cell epithelioma of the kidney] Hoerni B, et al.
Sem Hop Paris 45:112-5, 8 Jan 69 **(Fre)**
[On the problem of recurrence in operated juvenile strumas] Stoltze D, et al.
Z Aerztl Fortbild (Jena) 62:1217-21, 15 Nov 68 **(Ger)**
[Thyrophonographic findings in diseases of the thyroid gland] Palagi L, et al.
Folia Endocr (Roma) 21:621-31, Oct 68 **(Ita)**
[Intralaryngeal goiter] Deriugina VA, et al.
Vestn Otorinolaring 29:105-6, Mar-Apr 67 **(Rus)**
[Progress of endemic goiter in Finland. Studies on the thyroid glands of newborns] Nordman R.
Nord Med 81:304-7, 6 Mar 69 **(Swe)**

DRUG THERAPY

Pathophysiological aspects on surgical treatment of thyroid disease. Heimann P.
Progr Surg 7:1-55, 1969 (370 ref.)
[Thyroid gland therapy with novothyral] Foldenauer A, et al. **Med Klin** 64:973-5, 23 May 69 **(Ger)**
[On the problem of recurrence in operated juvenile strumas] Stoltze D, et al.
Z Aerztl Fortbild (Jena) 62:1217-21, 15 Nov 68 **(Ger)**
[Problem of the treatment of goiter in children] Bittel-Dobrzyńska N, et al.
Pol Tyg Lek 24:229-31, 18 Feb 69 **(Pol)**

ENZYMOLOGY

Monoamine oxidase activity of the thyroid glands in thyroid disease. Hidaka H, et al.
Clin Chim Acta 23:383-6, Mar 69

ETIOLOGY

[Various cases of subacute thyroiditis] Bru A, et al.
J Radiol Electr 50:53-7, Jan-Feb 69 **(Fre)**
[Recent contributions to the study of simple goiter in Spain] Sánchez Martín JA.
Minerva Med 60:2932-8, 28 Jul 69 **(Ita)**
[The endocrinology of puberty and adolescence. Thyroid hormone] Nakajima H, et al.
Clin Endocr (Tokyo) 17:87-94, Feb 69 (36 ref.) **(Jap)**
[Copper and iodine content of various substances of the environment and their role in the etiology and pathogenesis of endemic goiter] Askarova IaN.
Gig Sanit 33:96-8, Aug 68 **(Rus)**

FAMILIAL & GENETIC

Thyroid function in a family with the Pendred syndrome. Milutinovic PS, et al.
J Clin Endocr 29:962-9, Jul 69

IMMUNOLOGY

The relative antigen-neutralizing capacity (avidity) of thyroglobulin antibodies in various thyroid diseases as measured by haemagglutination-inhibition with antibody-coated cells. Hjort T.
Clin Exp Immun 5:43-56, Jul 69

OCCURRENCE

Incidence of nutritional deficiencies, goitre and dental caries among school children in Cairo. Abdou IA, et al.
J Egypt Public Health Ass 42:175-84, 1967
[Centers of rickettsiosis and treponematosis in the east of the Central African Republic (Bangassou, 1966)] Retel-Laurentin A.
Bull Soc Path Exot 61:321-39, 1968 (Fre)
[Recent contributions to the study of simple goiter in Spain] Sánchez Martín JA.
Minerva Med 60:2932-8, 28 Jul 69 (Ita)
[Copper and iodine content of various substances of the environment and their role in the etiology and pathogenesis of endemic goiter] Askarova IaN.
Gig Sanit 33:96-8, Aug 68 (Rus)
[Prevalence of goiter among students of primary schools in the hospital area north of Santiago 1966-1967] Lemesch C, et al.
Rev Med Chile 97:159-64, Feb 69 (Spa)
[Progress of endemic goiter in Finland. Studies on the thyroid glands of newborns] Nordman R.
Nord Med 81:304-7, 6 Mar 69 (Swe)

PATHOLOGY

Iodide goiter and the pharmacologic effects of excess iodide. Wolff J. Amer J Med 47:101-24, Jul 69 (280 ref.)
The ultrastructure of thyroid in chronic autoimmune thyroiditis. Nève P.
Virchow Arch [Path Anat] 346:302-17, 1969
[Capsule of adenomatous goiter or of the cystic nodular goiter with its vascular system] Mackowski A, et al.
Pol Przegl Chir 41:218-23, Mar 69 (Pol)

PHYSIOPATHOLOGY

Thyroid function in a family with the Pendred syndrome. Milutinovic PS, et al.
J Clin Endocr 29:962-9, Jul 69
Pathophysiological aspects on surgical treatment of thyroid disease. Heimann P.
Progr Surg 7:1-55, 1969 (370 ref.)

PREVENTION & CONTROL

[Prevention of recurrence following surgery of benign thyroid diseases] Röher HD, et al.
Hippokrates 39:188-91, 15 Mar 68 (Ger)
[Problems of the prophylaxis of goiter-recurrence with drugs] Steiner H, et al.
Munchen Med Wschr 111:569-71, 7 Mar 69 (Ger)
[On the problem of recurrence in operated juvenile strumas] Stoltze D, et al.
Z Aerztl Fortbild (Jena) 62:1217-21, 15 Nov 68 (Ger)
[Progress of endemic goiter in Finland. Studies on the thyroid glands of newborns] Nordman R.
Nord Med 81:304-7, 6 Mar 69 (Swe)

RADIOGRAPHY

Intrathoracic goiter. Polak E. Geriatrics 24:134-9, Jun 69
[Thyroid metastasis of a clear-cell epithelioma of the kidney] Hoerni B, et al.
Sem Hop Paris 45:112-5, 8 Jan 69 (Fre)
[On the problem of recurrence in operated juvenile strumas] Stoltze D, et al.
Z Aerztl Fortbild (Jena) 62:1217-21, 15 Nov 68 (Ger)

RADIOTHERAPY

Pathophysiological aspects on surgical treatment of thyroid disease. Heimann P.
Progr Surg 7:1-55, 1969 (370 ref.)
[On the diagnosis and treatment of diseases of the thyroid gland with radioactive iodine] Egorov PI, et al. Ter Arkh 39:5-9, Mar 67 (42 ref.) (Rus)

SURGERY

Non-toxic goitre. Gracey L.
Brit J Clin Pract 23:239-40, Jun 69
Intrathoracic goiter. Polak E. Geriatrics 24:134-9, Jun 69
Malignancy in thyroid nodules. Thomson JA, et al.
Lancet 2:162, 19 Jul 69
Pathophysiological aspects on surgical treatment of thyroid disease. Heimann P.
Progr Surg 7:1-55, 1969 (370 ref.)
[Prevention of recurrence following surgery of benign thyroid diseases] Röher HD, et al.
Hippokrates 39:188-91, 15 Mar 68 (Ger)
[Problems of the prophylaxis of goiter-recurrence with drugs] Steiner H, et al.
Munchen Med Wschr 111:569-71, 7 Mar 69 (Ger)
[On the problem of recurrence in operated juvenile strumas] Stoltze D, et al.
Z Aerztl Fortbild (Jena) 62:1217-21, 15 Nov 68 (Ger)
[On the problem of surgery of goiter in children] Martula M, et al. Endokr Pol 20:183-6, May-Jun 69 (Pol)

GOITER, ENDEMIC

Studies on the transfer of thio-oxazolidone-type goitrogens into cow's milk in goitre endemic districts of Finland and in experimental conditions. Arstila A, et al. Acta Endocr (Kobenhavn) 60:712-8, Apr 69
Iodide goiter and the pharmacologic effects of excess iodide. Wolff J. Amer J Med 47:101-24, Jul 69 (280 ref.)
Carcinoma in solitary thyroid nodules. Kambal A.
Brit J Surg 56:434-6, Jun 69

COMPLICATIONS

Pre-Columbian perception. Muggia A.
New Eng J Med 280:1365, 12 Jun 69

ETIOLOGY

[Iodine balance in adolescents] Malvaux P, et al.
Ann Endocr (Paris) 29:480-2, Jul-Aug 68 (Fre)

OCCURRENCE

Pre-Columbian perception. Muggia A.
New Eng J Med 280:1365, 12 Jun 69

PREVENTION & CONTROL

[Problems of the prophylaxis of goiter-recurrence with drugs] Steiner H, et al.
Munchen Med Wschr 111:569-71, 7 Mar 69 (Ger)

GOITER, EXOPHTHALMIC

Iodide goiter and the pharmacologic effects of excess iodide. Wolff J. Amer J Med 47:101-24, Jul 69 (280 ref.)
[Tumoral exophthalmos] François J.
Ann Oculist (Paris) 202:57-62, Jan 69 (Fre)
[Discussion on endocrine disorders. 2. Basedow's disease] Shizume K.
Clin Endocr (Tokyo) 17:140-2, Feb 69 (Jap)

BLOOD

[Detection of exophthalmus producing factor (EPF) in hyperthyroidism and its sensitization by carticotropin] Weisbecker L, et al.
Schweiz Med Wschr 99:450-2, 29 Mar 69 (Ger)

CHEMICALLY INDUCED

[Detection of exophthalmus producing factor (EPF) in hyperthyroidism and its sensitization by carticotropin] Weisbecker L, et al.
Schweiz Med Wschr 99:450-2, 29 Mar 69 (Ger)

CLASSIFICATION

[The problem of optimal radioiodine therapy in Basedow's disease] Fazakas S.
Acta Med Acad Sci Hung 26:31-40, 1969 (Ger)

COMPLICATIONS

Eye changes with thyroid disease. Henderson JW.
Postgrad Med 45:96-9, May 69

DIAGNOSIS

Classification of the eye changes of Grave's disease. Werner SC. J Clin Endocr 29:982-4, Jul 69
[Thyrophonographic findings in diseases of the thyroid

gland] Palagi L, et al.
Folia Endocr (Roma) 21:621-31, Oct 68 **(Ita)**

ETIOLOGY

[Evolution of iodine uptake, PBI-131, PBI-127 and clinical symptoms following administration of triiodothyronine to subjects with hyperthyroidism caused by diffuse thyroid hyperplasia. Role of the lymphatic system and LATS in the effect of Graves disease stimulation] Mahaux JE, et al.
Ann Endocr (Paris) 29:483-95, Jul-Aug 68 **(Fre)**

[2 cases of thyrotropic (pituitary-diencephalic) malignant exophthalmos] Bugulov MN.
Oftal Zh 22:137-9, 1967 **(Rus)**

PHYSIOPATHOLOGY

An electrophysiological study of patients with thyreopathy. Drechsler B, et al.
Electroenceph Clin Neurophysiol 26:234, Feb 69

[Evolution of iodine uptake, PBI-131, PBI-127 and clinical symptoms following administration of triiodothyronine to subjects with hyperthyroidism caused by diffuse thyroid hyperplasia. Role of the lymphatic system and LATS in the effect of Graves disease stimulation] Mahaux JE, et al.
Ann Endocr (Paris) 29:483-95, Jul-Aug 68 **(Fre)**

RADIOTHERAPY

[The problem of optimal radioiodine therapy in Basedow's disease] Fazakas S.
Acta Med Acad Sci Hung 26:31-40, 1969 **(Ger)**

[On the diagnosis and treatment of diseases of the thyroid gland with radioactive iodine] Egorov PI, et al. **Ter Arkh** 39:5-9, Mar 67 (42 ref.) **(Rus)**

SURGERY

[On the problem of surgery of goiter in children] Martula M, et al. **Endokr Pol** 20:183-6, May-Jun 69 **(Pol)**

[Endotracheal narcosis in surgery for severe forms of Basedow's disease] Liakhovitskiĭ MM, et al.
Vestn Khir Grekov 102:101-3, Feb 69 **(Rus)**

THERAPY

Treatment of toxic diffuse goiter. Stanbury JB.
Postgrad Med 46:137-9, Jul 69

GOITER, SUBSTERNAL

[Intrathoracic goiter] Kolesov AP, et al.
Grudn Khir 9:92-8, May-Jun 67 **(Rus)**

DIAGNOSIS

[On 2 "tumors" of the mediastinum. Clinico-diagnostic contribution based on 22 cases] Moncalvo F, et al.
G Ital Mal Torace 21:11-41, Nov-Dec 67 **(Ita)**

SURGERY

Intrathoracic goiter. Polak E. **Geriatrics** 24:134-9, Jun 69

HYPERTHYROIDISM

[Long term development of hyperthyroidism beginning at the age of 5] Bernard R, et al.
Marseille Med 106:40-5, 1969 **(Fre)**

[Diagnosis and treatment of hyperthyroidism] Codaccioni JL. **Marseille Med** 106:51-62, 1969 **(Fre)**

[Neurohistological changes in endocrine diseases] Lassmann G.
Fortschr Neurol Psychiat 36:377-411, Jul 68 **(Ger)**

[Does raised temperature prevent cancer?] Schulz G.
Munchen Med Wschr 111:1051-2, 2 May 69 **(Ger)**

[Hyperfunction of the thyroid gland in pregnancy] Pisarek-Miedzińska D. **Pieleg Poloz** 1:3, Jan 69 **(Pol)**

BLOOD

Interrelation of serum lipoprotein and tocopherol levels. Davies T, et al. **Clin Chim Acta** 24:431-6, Jun 69

The value of IgG separation for the detection of LATS in human serum. Bonnyns M, et al.
Clin Exp Immun 4:597-601, May 69

Immunoglobulin levels in diseases. Ichida C, et al.
Hawaii Med J 28:377-9, May-Jun 69

Comparison of the thyroid-stimulating hormone content of serum from thyrotoxic and euthyroid people. Adams DD, et al. **J Clin Endocr** 29:900-3, Jul 69

Growth hormone response to insulin-induced hypoglycemia in thyrotoxicosis. Rosenfeld PS, et al.
J Clin Endocr 29:777-80, Jun 69

Determination of serum thyroxine by saturation analysis of thyroxine binding proteins. Cuarón A.
J Nucl Med 10:532-9, Aug 69

[Changes in the fatty acid composition in serum lipid fractions in patients with decreased, elevated and normal thyroid gland activity] Feit V, et al.
Cas Lek Cesk 108:891-6, Jul 69 **(Cze)**

[Anomalies of testosterone binding affinity in the serum of thyrotoxic subjects and in idiopathic pilar virilism. Increase in binding affinity after administration of thyroid hormones in subjects with normal or low affinity] Dray F, et al.
Ann Endocr (Paris) 30:Suppl:223-32, 1969 **(Fre)**

[Radioimmunoassay of thyrotropin (TSH) in human plasma] Freychet P, et al.
Presse Med 77:13-6, 4 Jan 69 **(Fre)**

[On a method for the determination of free, dialyzable thyroxine in blood] Herrmann J, et al.
Clin Chim Acta 24:457-66, Jun 69 **(Ger)**

[Studies of the 131-I dynamics in various disorders of iodine metabolism] Grebe SF.
Nuclearmedizin 8:61-74, 15 Apr 69 **(Ger)**

[Liver function disorders in hyperthyroidism] Weber S. **Praxis** 57:2-8, 9 Jan 68 **(Ger)**

[Classification of our surgical patients according to ABO blood groups] Szállási J, et al.
Orv Hetil 110:1382-3, 15 Jun 69 **(Hun)**

[Hyperthyroidism, lipids metabolism and blood viscosity] Pozuelo Escudero V, et al.
Rev Iber Endocr 16:129-41, Mar-Apr 69 **(Spa)**

CHEMICALLY INDUCED

Functional cardiac reserve in thyrotoxicosis and its plastic ensurance. Golber LM, et al.
Cor Vasa 11:35-47, 1969

Induction of apparent hyperthyroidism in birds fed DDT. Jefferies DJ.
Nature (London) 222:578-9, 10 May 69

[Case of hyperthyroidism and acute thyroiditis developing during administration of thyroid hormones] Ishizuki Y, et al.
Clin Endocr (Tokyo) 17:125-7, Feb 69 **(Jap)**

CLASSIFICATION

[Hyperthyroidism] Bischof B.
Folia Clin Int (Barc) 17:427-33 contd, Sep 67 **(Spa)**

COMPLICATIONS

Thyroid function in human pregnancy. V. Incidence of maternal serum low butanol-extractable iodines and of normal gestational TBG and TBPA capacities; retardation of 8-month-old infants. Man EB, et al.
Amer J Obstet Gynec 104:898-908, 15 Jul 69

Edema of the optic disc in hyperthyroidism without exophathalmos. A fluorescein angiographic study of its resolution. Bettman JW Jr, et al.
Amer J Ophthal 66:714-9, Oct 68

Vertical imbalance in a patient with hyperthyroidism. Jauregui MJ. **Amer J Optom** 46:390-1, May 69

Prognosis of atrial arrhythmias treated by electrical counter shock therapy. A three-year follow-up. McCarthy C, et al. **Brit Heart J** 31:496-500, Jul 69

Cyclic thrombocytopenia associated with multiple autoantibodies. Brey O, et al.
Brit Med J 3:397-8, 16 Aug 69

Neuropathy and hyperthyroidism. Ludin HP, et al.
Electroenceph Clin Neurophysiol 27:107, Jul 69

Occurrence of severe thyrotoxicosis in a case of Hashimoto's disease. Gupta RL.
Int Surg 51:540-2, Jun 69

The mechanism of steatorrhea in induced hyperthyroidism in the rat. Middleton WR, et al.
J Lab Clin Med 74:19-30, Jul 69

Thyrotoxic hypokalemic periodic paralysis. Schutta HS, et al. **J Neuropath Exp Neurol** 28:321-36, Apr 69

DC defibrillation of atrial fibrillation and its hemodynamical effects, studied by radioisotope dilution method. Takahashi T.
Jap Circ J 33:251-73, Mar 69

Eye changes with thyroid disease. Henderson JW.
Postgrad Med 45:96-9, May 69

Surgical problems in dysthyroid eye disease. Freedman A, et al. **Trans Ophthal Soc UK** 87:431-45, 1967

[The thyroid gland and aging in man] Felt V. **Cas Lek Cesk** 108:857-60, Jul 69 **(Cze)**

[Primary hyperparathyroidism and its manifestations in the oral cavity and bones] Haisová L, et al. **Cesk Stomat** 69:119-24, Mar 69 **(Cze)**

[Addison's disease and thyrotoxic crisis] Couturier E, et al. **Presse Med** 77:515-6, 22 Mar 69 **(Fre)**

[Therapeutic effect of alpha-tocopher- yl-quinone on muscular disorders of hyperthyroidism and of prolonged treatment by corticoids and antimitotics] Richier JL, et al. **Sem Hop Paris** 45:1406-12, 26 Apr 69 **(Fre)**

[Indications and results of electrotherapy of tachycardia] Hager W, et al. **Med Klin** 64:584-8, 28 Mar 69 **(Ger)**

[Electrophysiological and mechanical behavior of the heart in hyperthyroidism] Siegel M. **Med Klin** 63:1409-11, 6 Sep 68 **(Ger)**

[Liver function disorders in hyperthyroidism] Weber S. **Praxis** 57:2-8, 9 Jan 68 **(Ger)**

[Hormonal influences on the blood picture] Bucher U, et al. **Schweiz Med Wschr** 99:748-51, 17 May 69 **(Ger)**

[Findings on a case of hyperthyroidism with psychotic involvement in an aged patient] Strobbia R, et al. **Acta Geront (Milano)** 18:113-9, Apr-Jun 68 **(Ita)**

[The atrial and ventricular vectocardiographic loops in hyperthyroid patients] Gatto E, et al. **Pathologica** 60:309-15, Jul-Aug 68 **(Ita)**

[Electromyography in neurogenic and pseudoneurogenic motor disorders of the eye. II. Pseudoneurogenic disorders] Wójtowicz S. **Klin Oczna** 39:31-5, 1969 **(Pol)**

[Rheumatoid arthritis and thyroid hormones] Krzymień H, et al. **Reumatologia (Warsz)** 7:31-7, 1969 **(Pol)**

[Hemodynamic problems in patients with hyperthyroidism] Zágreanu I, et al. **Med Intern (Bucur)** 20:1469-76, Dec 68 **(Rum)**

[D-thyroxine in hypercholesterolemia--an attempt at critical evaluation] Wadman B, et al. **Nord Med** 81:691-7, 29 May 69 **(Swe)**

[Possibilities of influencing arrhythmias of thyrotoxic origin by means of cardioversion] Haviar V, et al. **Vnitrni Lek** 15:476-80, May 69 **(Slo)**

DIAGNOSIS

The three-hour conversation ratio: a test for hyperthyroidism. Wiener JD. **Acta Endocr (Kobenhavn)** 61:151-63, May 69

Diazepam (Valium) and thyroid function: a double-blind, placebo controlled study in normal volunteers showing no drug effect. Mazzaferri EL, et al. **Amer J Med Sci** 257:388-94, Jun 69

Edema of the optic disc in hyperthyroidism without exophathalmos. A fluorescein angiographic study of its resolution. Bettman JW Jr, et al. **Amer J Ophthal** 66:714-9, Oct 68

Management of thyrotoxicosis in pregnancy. Value of serial protein-bound iodine and hamolski tests. Kaori M, et al. **Israel J Med Sci** 5:43-8, Jan-Feb 69

Comparison of radioisotopic and column chromatographic assay of serum thyroxine. Kaihara S, et al. **J Nucl Med** 10:281-3, Jun 69

Thyroid-uptake studies using 132I. Levy BS, et al. **J Nucl Med** 10:286-9, Jun 69

Determination of hormonal radioiodine in serum with a cation exchange resin. Wiener JD, et al. **J Nucl Med** 9:601-3, Dec 68

Laboratory aids in the diagnosis of endocrine disorders. Katz FH. **Med Clin N Amer** 53:79-95, Jan 69 (43 ref.)

Normal ranges de-emphasized. Hamburger JI. **New Eng J Med** 281:331, 7 Aug 69

Pathophysiological aspects on surgical treatment of thyroid disease. Heimann P. **Progr Surg** 7:1-55, 1969 (370 ref.)

An instrument for measuring ocular displacement: the ocular topometer. Watson PG. **Trans Ophthal Soc UK** 87:409-30, 1967

[Diarrheogenic thyroid medullary cancer. Apropos of a case revealed by diarrhea. Review of the literature] Debray C, et al. **Ann Med Intern (Paris)** 120:73-84, Feb 69 **(Fre)**

[New trends in thermography] Gros CM, et al. **Presse Med** 77:875-8, 12 Apr 69 **(Fre)**

[A simple point system for the improvement of the clinical diagnosis of hyperthyroidism] Börner W, et al. **Med Welt** 45:2463-8, 9 Nov 68 **(Ger)**

[Evaluation of the simple water loading method in various endocrine diseases] László FA, et al. **Med Welt** 19:1239-44, 11 May 68 **(Ger)**

[Differentiation between functional and organic sinus tachycardias with the help of a propanolol short test in practice] Trübestein G, et al. **Med Welt** 42:2251-6, 19 Oct 68 **(Ger)**

[On the differential diagnostic difficulties in the border fields between internal medicine and neurology] Bodechtel G. **Munchen Med Wschr** 110:969-80, 19 Apr 68 **(Ger)**

[Determination of the so-called "free" serum triiodothyronine content by gel filtration and its diagnostic use] Gyertyánfy G, et al. **Orv Hetil** 110:1426-8, 22 Jun 69 **(Hun)**

[Value of butanol index of conversion of I-131 for the estimation of the state of hormonal activity of the thyroid] Kleta-Fyda A, et al. **Pol Tyg Lek** 24:351-4, 10 Mar 69 **(Pol)**

[Differential diagnostic significance in studying the contractile function of the heart in rheumocarditis (data from polycardiographic and dynamocardiographic study)] Kubyshkin VF. **Sovet Med** 30:40-6, Apr 67 **(Rus)**

[Hyperthyroidism] Bischof B. **Folia Clin Int (Barc)** 17:427-33 contd, Sep 67 **(Spa)**

DRUG THERAPY

Edema of the optic disc in hyperthyroidism without exophathalmos. A fluorescein angiographic study of its resolution. Bettman JW Jr, et al. **Amer J Ophthal** 66:714-9, Oct 68

Thyrotoxicosis. Lange MJ. **Brit J Clin Pract** 23:241-3, Jun 69

Results of treatment of thyrotoxicosis after postoperative relapse. McLarty DG, et al. **Brit Med J** 3:200-3, 26 Jul 69

Results of treatment of thyrotoxicosis following relapse after antithyroid drug therapy. McLarty DG, et al. **Brit Med J** 3:203-5, 26 Jul 69

Drug treatment of thyrotoxicosis. Montgomery DA, et al. **Brit Med J** 3:55, 5 Jul 69

Management of thyrotoxicosis in pregnancy. Value of serial protein-bound iodine and hamolski tests. Kaori M, et al. **Israel J Med Sci** 5:43-8, Jan-Feb 69

Prediction of the long-term results of antithyroid drug therapy for thyrotoxicosis. Hales I, et al. **J Clin Endocr** 29:998-1001, Jul 69

Pathophysiological aspects on surgical treatment of thyroid disease. Heimann P. **Progr Surg** 7:1-55, 1969 (370 ref.)

[The place of new sympatholytics in treatment of hyperthyroidism and hypothyroidism] Bricaire H, et al. **Therapeutique** 45:61-2, Jan 69 **(Fre)**

[Treatment of hyperthyroidism] Scheurlen PG. **Landarzt** 43:951-5, 20 Jul 67 **(Ger)**

[Thyroid gland therapy with novothyral] Foidenauer A, et al. **Med Klin** 64:973-5, 23 May 69 **(Ger)**

[Alpha- and beta-receptors and their pharmacological influencing] Gebhardt W. **Med Klin** 64:822-6, 2 May 69 (47 ref.) **(Ger)**

[Antithyroid agents. 15] Götz HG. **Pharm Prax** 9:258-64, 1967 (113 ref.) **(Ger)**

[On preoperative and postoperative treatment of severe hyperthyroidism using propranolol] Höfer R, et al. **Wien Med Wschr** 119:89-94, 1 Feb 69 **(Ger)**

[Studies on urinary excretion of catecholamines in hyperthyroidism] Kimura T, et al. **Folia Endocr Jap** 44:1222-31, 20 Feb 69 **(Jap)**

[Hyperthyroidism] Bischof B. **Folia Clin Int (Barc)** 17:427-33 contd, Sep 67 **(Spa)**

ETIOLOGY

The changing iodide-uptake test. Stanbury JB. **New Eng J Med** 280:1474-5, 26 Jun 69

Pseudohyperparathyroidism due to malignant melanoma. Menguy R. **Surg Clin N Amer** 49:49-56, Feb 69

[New knowledge about the pathogenesis of hyperthyroidism] Küchel O, et al. **Cas Lek Cesk** 108:833-8, Jul 69 (54 ref.) **(Cze)**

[Our experience with 35 cases of autonomic toxic thyroid nodules] Dor LG. **J Belg Radiol** 52:33-9, 1969 **(Fre)**

[Polyendocrine syndrome associated with sellar endostosis. Description of a case] Tibaldeschi C, et al. **Minerva Chir** 24:451-8, 30 Apr 69 **(Ita)**

[Acute thyrotoxicosis of surgical origin] Giardanengo G. **Minerva Med** 60:2407-8, 16 Jun 69 **(Ita)**

IMMUNOLOGY

The relative antigen-neutralizing capacity (avidity) of thyroglobulin antibodies in various thyroid diseases as measured by haemagglutination-inhibition with antibody-coated cells. Hjort T. **Clin Exp Immun** 5:43-56, Jul 69

Pernicious anaemia in the Chinese: a clinical and immunological study. Irvine WJ, et al. **Clin Exp Immun** 4:375-86, Apr 69

Comparison of the thyroid-stimulating hormone content of serum from thyrotoxic and euthyroid people. Adams DD, et al. **J Clin Endocr** 29:900-3, Jul 69

METABOLISM

Growth hormone response to insulin-induced hypoglycemia in thyrotoxicosis. Rosenfeld PS, et al. **J Clin Endocr** 29:777-80, Jun 69

[The thyroid and calcium metabolism] Arvy L. **J Physiol (Paris)** 60:405-48, Sep-Oct 68 (210 ref.) **(Fre)**

[Insulin secretion study during arginine perfusion. Comparative effects of sympatholytics in normal subjects and hyperthyroid patients] Modigliani E, et al. **Rev Franc Etud Clin Biol** 14:267-75, Mar 69 **(Fre)**

[Compensation of artificial hypercalcemia depending on thyroid gland function] Schwarz G. **Med Klin** 64:537-9, 21 Mar 69 **(Ger)**

[Studies of the 131-I dynamics in various disorders of iodine metabolism] Grebe SF. **Nuclearmedizin** 8:61-74, 15 Apr 69 **(Ger)**

[Free fatty acids in the serum--regulatory mechanism and clinical significance] Spahn U, et al. **Z Aerztl Fortbild (Jena)** 63:245-54, 1 Mar 69 (31 ref.) **(Ger)**

[Clinical and metabolic syndrome of pheochromocytomas] Marrama P, et al. **Endocr Sci Cost** 29:289-322, Nov 67 (161 ref.) **(Ita)**

[Protein metabolism in thyrotoxicosis patients by means of histochemical studies of liver biopsies] Zlatkina AR, et al. **Ter Arkh** 39:48-53, Aug 67 **(Rus)**

PATHOLOGY

Clinico-pathological studies on chronic thyroiditis. Hisada T. **Acta Path Jap** 18:512-4, Nov 68

Thyrotoxic hypokalemic periodic paralysis. Schutta HS, et al. **J Neuropath Exp Neurol** 28:321-36, Apr 69

PHYSIOPATHOLOGY

Oxygen poisoning and thyroid function. Szilágyi T, et al. **Acta Physiol Acad Sci Hung** 35:59-61, 1969

Functional cardiac reserve in thyrotoxicosis and its plastic ensurance. Golber LM, et al. **Cor Vasa** 11:35-47, 1969

An electrophysiological study of patients with thyreopathy. Drechsler B, et al. **Electroenceph Clin Neurophysiol** 26:234, Feb 69

Pathophysiological aspects on surgical treatment of thyroid disease. Heimann P. **Progr Surg** 7:1-55, 1969 (370 ref.)

[Electrophysiological and mechanical behavior of the heart in hyperthyroidism] Siegel M. **Med Klin** 63:1409-11, 6 Sep 68 **(Ger)**

[Hemodynamic problems in patients with hyperthyroidism] Zăgreanu I, et al. **Med Intern (Bucur)** 20:1469-76, Dec 68 **(Rum)**

[Clinical and laboratory changes in primary hyperthyroidism. Comments on 22 cases] Hernandez A, et al. **Prensa Med Mex** 34:19-28, Jan-Feb 69 **(Spa)**

PREVENTION & CONTROL

[Prevention of recurrence following surgery of benign thyroid diseases] Röher HD, et al. **Hippokrates** 39:188-91, 15 Mar 68 **(Ger)**

RADIOTHERAPY

Random dosage of 131-I in the treatment of hyperthyroidism: results of a prospective study. Skillman TG, et al. **Amer J Med Sci** 257:382-7, Jun 69

Radiotherapy in thyroid disease. Goolden AW. **Brit J Clin Pract** 23:251-6, Jun 69

Results of treatment of thyrotoxicosis after postoperative relapse. McLarty DG, et al. **Brit Med J** 3:200-3, 26 Jul 69

Results of treatment of thyrotoxicosis following relapse after antithyroid drug therapy. McLarty DG, et al. **Brit Med J** 3:203-5, 26 Jul 69

Lymphocyte chromosomes in untreated and 131-I-treated thyrotoxic patients. Speight JW, et al. **J Endocr** 42:277-82, Oct 68

Later results of 131-I treatment of hyperthyroidism in 73 children and adolescents: 1967 followup. Starr P, et al. **J Nucl Med** 10:586-90, Sep 69

Acute thyroiditis, thyroid crisis, and hypocalcemia following radioactive iodine therapy. Freeman M, et al. **New York J Med** 69:2036-41, 15 Jul 69

Pathophysiological aspects on surgical treatment of thyroid disease. Heimann P. **Progr Surg** 7:1-55, 1969 (370 ref.)

Clinicopathological discussion. Case presentations from the records of the Surgical Committee Meetings the Memorial Hospital, Danville, Va. **Virginia Med Monthly** 96:268-72, May 69

[Treatment with radioactive iodine of past, present and future hyperthyroidism] Simonin R, et al. **Marseille Med** 106:1-12, 1969 **(Fre)**

[Advantages and disadvantages of radioactive iodine in the treatment of hyperthyroidism] Gąsiorowski W. **Pol Tyg Lek** 24:535-7, Apr 69 (14 ref.) **(Pol)**

SURGERY

Thyroid crisis: diagnosis and treatment. Nelson NC, et al. **Ann Surg** 170:263-73, Aug 69

Thyrotoxicosis. Lange MJ. **Brit J Clin Pract** 23:241-3, Jun 69

Results of treatment of thyrotoxicosis following relapse after antithyroid drug therapy. McLarty DG, et al. **Brit Med J** 3:203-5, 26 Jul 69

Results of treatment of thyrotoxicosis after postoperative relapse. McLarty DG, et al. **Brit Med J** 3:200-3, 26 Jul 69

Management of thyrotoxicosis in pregnancy. Value of serial protein-bound iodine and hamolski tests. Kaori M, et al. **Israel J Med Sci** 5:43-8, Jan-Feb 69

Surgical disease of the thyroid in pregnancy. Cunningham MP, et al. **Proc Inst Med Chicago** 27:213-4, Mar 69

Pathophysiological aspects on surgical treatment of thyroid disease. Heimann P. **Progr Surg** 7:1-55, 1969 (370 ref.)

Surgical problems in dysthyroid eye disease. Freedman A, et al. **Trans Ophthal Soc UK** 87:431-45, 1967

Clinicopathological discussion. Case presentations from the records of the Surgical Committee Meetings the Memorial Hospital, Danville, Va. **Virginia Med Monthly** 96:268-72, May 69

[Prevention of recurrence following surgery of benign thyroid diseases] Röher HD, et al. **Hippokrates** 39:188-91, 15 Mar 68 **(Ger)**

[Treatment of hyperthyroidism] Scheurlen PG. **Landarzt** 43:951-5, 20 Jul 67 **(Ger)**

[On preoperative and postoperative treatment of severe hyperthyroidism using propranolol] Höfer R, et al. **Wien Med Wschr** 119:89-94, 1 Feb 69 **(Ger)**

[Studies on urinary excretion of catecholamines in hyperthyroidism] Kimura T, et al. **Folia Endocr Jap** 44:1222-31, 20 Feb 69 **(Jap)**

[Hyperthyroidism] Bischof B. **Folia Clin Int (Barc)** 17:427-33 contd, Sep 67 **(Spa)**

THERAPY

Results of treatment of thyrotoxicosis after postoperative relapse. McLarty DG, et al. **Brit Med J** 3:200-3, 26 Jul 69

Results of treatment of thyrotoxicosis following relapse after antithyroid drug therapy. McLarty DG, et al. **Brit Med J** 3:203-5, 26 Jul 69

Urinary excretion of 6 beta-hydroxycortisol in states of altered thyroid function. Yamaji T, et al. **J Clin Endocr** 29:801-6, Jun 69

Clinicopathological discussion. Case presentations from the records of the Surgical Committee Meetings the Memorial Hospital, Danville, Va. **Virginia Med Monthly** 96:268-72, May 69

[Hyperthyroidism--hypothyroidism] Bansi HW, et al. **Deutsch Med J** 19:794-800, 20 Nov 68 **(Ger)**

[Clinical and laboratory changes in primary hyperthyroidism. Comments on 22 cases] Hernandez A, et al. **Prensa Med Mex** 34:19-28, Jan-Feb 69 **(Spa)**

URINE

The urinary excretion of inorganic pyrophosphate in hyperparathyroidism, hyperthyroidism, Paget's disease and other disorders of bone metabolism. Russell RG, et al. **Clin Sci** 36:435-43, Jun 69

Urinary excretion of 6 beta-hydroxycortisol in states of altered thyroid function. Yamaji T, et al. **J Clin Endocr** 29:801-6, Jun 69

[Studies on urinary excretion of catecholamines in hyperthyroidism] Kimura T, et al. **Folia Endocr Jap** 44:1222-31, 20 Feb 69 **(Jap)**

HYPOTHYROIDISM

[Unchecked thyroid insufficiencies] Luton JP. **Presse Med** 77:1105-6, 25 Jun 69 **(Fre)**

[Hypothyroidism in adults] Bouchon JP. **Soins** 14:293-301, Jul 69 **(Fre)**

[Hyperthyroidism--hypothyroidism] Bansi HW, et al. **Deutsch Med J** 19:794-800, 20 Nov 68 **(Ger)**

BLOOD

Thyroid function in human pregnancy. VI. Premature deliveries and reproductive failures of pregnant women with low serum butanol-extractable iodines. Maternal serum TBG and TBPA capacities. Jones WS, et al. **Amer J Obstet Gynec** 104:909-14, 15 Jul 69

Thyroid function in human pregnancy. V. Incidence of maternal serum low butanol-extractable iodines and of normal gestational TBG and TBPA capacities; retardation of 8-month-old infants. Man EB, et al. **Amer J Obstet Gynec** 104:898-908, 15 Jul 69

Interrelation of serum lipoprotein and tocopherol levels. Davies T, et al. **Clin Chim Acta** 24:431-6, Jun 69

Importance of thyroid hormones in bone metabolism and calcium homeostasis. Jowsey J, et al. **Endocrinology** 85:87-95, Jul 69

Determination of serum thyroxine by saturation analysis of thyroxine binding proteins. Cuarón A. **J Nucl Med** 10:532-9, Aug 69

Red-cell shape in hypothyroidism. Wardrop C, et al. **Lancet** 1:1243, 21 Jun 69

[Changes in the fatty acid composition in serum lipid fractions in patients with decreased, elevated and normal thyroid gland activity] Felt V, et al. **Cas Lek Cesk** 108:891-6, Jul 69 **(Cze)**

[Radioimmunoassay of thyrotropin (TSH) in human plasma] Freychet P, et al. **Presse Med** 77:13-6, 4 Jan 69 **(Fre)**

[On a method for the determination of free, dialyzable thyroxine in blood] Herrmann J, et al. **Clin Chim Acta** 24:457-66, Jun 69 **(Ger)**

[Studies of the 131-I dynamics in various disorders of iodine metabolism] Grebe SF. **Nuclearmedizin** 8:61-74, 15 Apr 69 **(Ger)**

CHEMICALLY INDUCED

Acute iatrogenic hypothyroid psychosis. Herridge CF, et al. **Brit Med J** 3:154, 19 Jul 69

Aminotriazole, thyroid function, and catecholamines in nephrogenic hypertension in rats. Fregly MJ, et al. **Canad J Physiol Pharmacol** 47:407-14, May 69

An interrelationship between theophylline and catecholamines in the hypothyroid rat acutely exposed to cold. Lutherer LO, et al. **Fed Proc** 28:1238-42, May-Jun 69

Ultrastructural changes in the adenohypophysis of hypothyroid rabbits. Foster CL, et al. **J Endocr** 44:273-7, Jun 69

Thyroxine-enhanced susceptibility of mice to Klebsiella pneumoniae. Martin LG, et al. **Proc Soc Exp Biol Med** 131:824-7, Jul 69

COMPLICATIONS

Thyroid function in human pregnancy. VI. Premature deliveries and reproductive failures of pregnant women with low serum butanol-extractable iodines. Maternal serum TBG and TBPA capacities. Jones WS, et al. **Amer J Obstet Gynec** 104:909-14, 15 Jul 69

Thyroid function in human pregnancy. V. Incidence of maternal serum low butanol-extractable iodines and of normal gestational TBG and TBPA capacities; retardation of 8-month-old infants. Man EB, et al. **Amer J Obstet Gynec** 104:898-908, 15 Jul 69

Localized hypothalamic histiocytosis X. Report of a case. Bernard JD, et al. **Arch Neurol (Chicago)** 20:368-72, Apr 69

Differential caloric stimulations in vestibular diagnosis. Torok N. **Arch Otolaryng (Chicago)** 90:52-7, Jul 69

Needle biopsy of skeletal muscle: a phase and electron microscopic evaluation of its usefulness in the study of muscle disease. Porro RS, et al. **J Neuropath Exp Neurol** 28:229-42, Apr 69

Pre-Columbian perception. Muggia A. **New Eng J Med** 280:1365, 12 Jun 69

Coronary insufficiency due to secondary hyperlipoproteinemia. Chu YC, et al. **New York J Med** 69:1343-6, 15 May 69

Eye changes with thyroid disease. Henderson JW. **Postgrad Med** 45:96-9, May 69

[Adult hypothyroidism. I. Clinical study] Leprat J, et al. **Presse Med** 77:119-21, 22 Jan 69 **(Fre)**

[Effect of thyroid and adrenal dysfunction on changes in tissue concentration of calcium and glucose] Boltanski E. **Sem Hop Paris** 44:3205-8, 14 Dec 68 **(Fre)**

[Hormonal influences on the blood picture] Bucher U, et al. **Schweiz Med Wschr** 99:748-51, 17 May 69 **(Ger)**

[Mycologic and clinical diagnosis of fungi in women and pediatric gynecology] Veselý K, et al. **Zbl Gynaek** 90:1767-74, 28 Dec 68 **(Ger)**

[Thyroiditis causing upper respiratory stenosis] Szabó L, et al. **Orv Hetil** 110:1388-90, 15 Jun 69 **(Hun)**

[An unusual symptom complex in the course of hypothyreosis] Kubicz J. **Przegl Derm** 56:63-7, Jan-Feb 69 **(Pol)**

CONGENITAL

Sporadic cretinism and juvenile hypothyroidism. Ahuja MM, et al. **Metabolism** 18:488-96, Jun 69

[Congenital disorders of thyroid hormonogenesis: personal experience] Codaccioni JL, et al. **Marseille Med** 106:13-9, 1969 **(Fre)**

[Hypothyroidism due to iodotyrosine deiodase deficiency. Results after 7 years of treatment with iodine] Orsini A, et al. **Marseille Med** 106:47-9, 1969 **(Fre)**

[2 cases of prolonged jaundice in the course of congenital hypothyroidism] Janukowicz K. **Pediat Pol** 44:485-7, Apr 69 **(Pol)**

DIAGNOSIS

Comparison of radioisotopic and column chromatographic assay of serum thyroxine. Kaihara S, et al. **J Nucl Med** 10:281-3, Jun 69

Thyroxine binding globulin deficiency. Constitutional growth retardation erroneously diagnosed as isolated thyrotropin deficiency. Nikolai TF. **J Pediat** 75:130-2, Jul 69

Detecting hypothyroidism. Goldsmith RE. **Lancet** 1:1316-7, 28 Jun 69

Red-cell shape in hypothyroidism. Wardrop C, et al. **Lancet** 1:1243, 21 Jun 69

Laboratory aids in the diagnosis of endocrine disorders. Katz FH. **Med Clin N Amer** 53:79-95, Jan 69 (43 ref.)

Normal ranges de-emphasized. Hamburger JI. **New Eng J Med** 281:331, 7 Aug 69

Occult hypothyroidism. Greene R. **Nurs Mirror** 128:36-7, 13 Jun 69

[Adult hypothyroidism. I. Clinical study] Leprat J, et al. **Presse Med** 77:119-21, 22 Jan 69 **(Fre)**

[Unchecked thyroid insufficiencies] Luton JP. **Presse Med** 77:1105-6, 25 Jun 69 **(Fre)**

[Effect of thyroid and adrenal dysfunction on changes in tissue concentration of calcium and glucose] Boltanski E. **Sem Hop Paris** 44:3205-8, 14 Dec 68 **(Fre)**

[The EMG-syndrome: exomphalos, macroglossia, gigantism and disturbed carbohydrate metabolism] Wiedemann HR. **Z Kinderheilk** 106:171-85, 1969 **(Ger)**

[Determination of the so-called "free" serum triiodothyronine content by gel filtration and its diagnostic use] Gyertyánfy G, et al. **Orv Hetil** 110:1426-8, 22 Jun 69 **(Hun)**

[Value of butanol index of conversion of I-131 for the estimation of the state of hormonal activity of the thyroid] Kieta-Fyda A, et al. **Pol Tyg Lek** 24:351-4, 10 Mar 69 **(Pol)**

DRUG THERAPY

Sporadic cretinism and juvenile hypothyroidism. Ahuja MM, et al. **Metabolism** 18:488-96, Jun 69

[Hypothyroidism due to iodotyrosine deiodase

deficiency. Results after 7 years of treatment with iodine] Orsini A, et al.
Marseille Med 106:47-9, 1969 (Fre)
[The place of new sympatholytics in treatment of hyperthyroidism and hypothyroidism] Bricaire H, et al. **Therapeutique 45:61-2, Jan 69 (Fre)**
[Thyroid gland therapy with novothyral] Foldenauer A, et al. **Med Klin 64:973-5, 23 May 69 (Ger)**
[Thyroid gland hormones and thyreotropin. 10] Götz HG. **Pharm Prax 7:204-8, 1967 (83 ref.) (Ger)**
[Changes induced by hormone therapy on electroencephalographic tracings of hypothyroid subjects] Zammarchi E, et al.
Riv Clin Pediat 80:628-37, Dec 67 (Ita)

ENZYMOLOGY

Diminished responsiveness to thyroid hormone in riboflavin-deficient rats. Rivlin RS, et al.
Nature (London) 223:516-7, 2 Aug 69

ETIOLOGY

Random dosage of 131-I in the treatment of hyperthyroidism: results of a prospective study. Skillman TG, et al. **Amer J Med Sci 257:382-7, Jun 69**
Results of treatment of thyrotoxicosis following relapse after antithyroid drug therapy. McLarty DG, et al. **Brit Med J 3:203-5, 26 Jul 69**
Results of treatment of thyrotoxicosis after postoperative relapse. McLarty DG, et al.
Brit Med J 3:200-3, 26 Jul 69
Sporadic cretinism and juvenile hypothyroidism. Ahuja MM, et al. **Metabolism 18:488-96, Jun 69**
[Congenital disorders of thyroid hormonogenesis: personal experience] Codaccioni JL, et al.
Marseille Med 106:13-9, 1969 (Fre)
[Unchecked thyroid insufficiencies] Luton JP.
Presse Med 77:1105-6, 25 Jun 69 (Fre)
[Lingual thyroid] Merchie G.
Rev Med Liege 22:333-5, 15 Jun 67 (Fre)
[Treatment of hyperthyroidism] Scheurlen PG.
Landarzt 43:951-5, 20 Jul 67 (Ger)

FAMILIAL & GENETIC

[Congenital disorders of thyroid hormonogenesis: personal experience] Codaccioni JL, et al.
Marseille Med 106:13-9, 1969 (Fre)

METABOLISM

An interrelationship between theophylline and catecholamines in the hypothyroid rat acutely exposed to cold. Lutherer LO, et al.
Fed Proc 28:1238-42, May-Jun 69
The anomalous distribution of body water under an alkaline osmotic stress in hypothyroid dogs. Dörr D, et al. **J Surg Res 9:471-5, Aug 69**
[The thyroid and calcium metabolism] Arvy L.
J Physiol (Paris) 60:405-48, Sep-Oct 68 (210 ref.) (Fre)
[Compensation of artificial hypercalcemia depending on thyroid gland function] Schwarz G.
Med Klin 64:537-9, 21 Mar 69 (Ger)
[Studies of the 131-I dynamics in various disorders of iodine metabolism] Grebe SF.
Nuclearmedizin 8:61-74, 15 Apr 69 (Ger)

PATHOLOGY

Ultrastructural changes in the adenohypophysis of hypothyroid rabbits. Foster CL, et al.
J Endocr 44:273-7, Jun 69
[An unusual symptom complex in the course of hypothyreosis] Kubicz J.
Przegl Derm 56:63-7, Jan-Feb 69 (Pol)

PHYSIOPATHOLOGY

Thyroxine-enhanced susceptibility of mice to Klebsiella pneumoniae. Martin LG, et al.
Proc Soc Exp Biol Med 131:824-7, Jul 69

RADIOGRAPHY

[On the problem of the radiographic method of determination of the incomplete form of endemic hypothyreosis] Kochergin VN.
Pediatriia 47:39-42, Aug 68 (Rus)

THERAPY

[Unchecked thyroid insufficiencies] Luton JP.
Presse Med 77:1105-6, 25 Jun 69 (Fre)

MYXEDEMA

[Unchecked thyroid insufficiencies] Luton JP.
Presse Med 77:1105-6, 25 Jun 69 (Fre)
[Neurohistological changes in endocrine diseases] Lassmann G.
Fortschr Neurol Psychiat 36:377-411, Jul 68 (Ger)
[Discussion on endocrine disorders. 3. Myxedema] Shimoda S. **Clin Endocr (Tokyo) 17:213-6, Mar 69 (Jap)**

BLOOD

Pretibial myxoedema. Hetzel BS, et al.
Aust J Derm 10:18-25, Apr 69
Comparison of the thyroid-stimulating hormone content of serum from thyrotoxic and euthyroid people. Adams DD, et al. **J Clin Endocr 29:900-3, Jul 69**
Effect of triiodothyronine administration on serum PBI in hypothyroid patients maintained on constant doses of thyroxine. Farmer TA Jr, et al.
J Clin Endocr 29:781-5, Jun 69
Red-cell shape in hypothyroidism. Wardrop C, et al.
Lancet 1:1243, 21 Jun 69
Two minutes with diabetes. Whitehouse FW.
Med Times 97:169-70, May 69
[The myxedematous patient at the hematology consultation] Winand R.
Rev Med Liege 22:405-6, 15 Jul 67 (Fre)
[Studies of the 131-I dynamics in various disorders of iodine metabolism] Grebe SF.
Nuclearmedizin 8:61-74, 15 Apr 69 (Ger)

CLASSIFICATION

[Discussion on endocrine disorders. 3. Myxedema] Shimoda S. **Clin Endocr (Tokyo) 17:213-6, Mar 69 (Jap)**

COMPLICATIONS

Fatal intestinal atony in myxoedema. Chadha JS, et al.
Brit Med J 3:398, 16 Aug 69
Eye changes with thyroid disease. Henderson JW.
Postgrad Med 45:96-9, May 69
Myxoedema coma. Boyd DW, et al.
Postgrad Med J 45:342-4, May 69
[Adult hypothyroidism. I. Clinical study] Leprat J, et al. **Presse Med 77:119-21, 22 Jan 69 (Fre)**
[Unchecked thyroid insufficiencies] Luton JP.
Presse Med 77:1105-6, 25 Jun 69 (Fre)
[Effect of thyroid and adrenal dysfunction on changes in tissue concentration of calcium and glucose] Boltanski E. **Sem Hop Paris 44:3205-8, 14 Dec 68 (Fre)**
[Pathogenesis and prophylaxis of arteriosclerosis] Müller F, et al. **Z Ges Inn Med 24:25-8, 1 Jan 69 (Ger)**
[The EMG-syndrome: exomphalos, macroglossia, gigantism and disturbed carbohydrate metabolism] Wiedemann HR. **Z Kinderheilk 106:171-85, 1969 (Ger)**

CONGENITAL

[Congenital disorders of thyroid hormonogenesis: personal experience] Codaccioni JL, et al.
Marseille Med 106:13-9, 1969 (Fre)

DIAGNOSIS

Red-cell shape in hypothyroidism. Wardrop C, et al.
Lancet 1:1243, 21 Jun 69
Two minutes with diabetes. Whitehouse FW.
Med Times 97:169-70, May 69
[The myxedematous patient at the hematology consultation] Winand R.
Rev Med Liege 22:405-6, 15 Jul 67 (Fre)
[Pictures on differential dignosis of internal diseases] Klostermann GF, et al.
Med Welt 30:1737-8, 29 Jul 67 (Ger)

DRUG THERAPY

Effect of triiodothyronine administration on serum PBI in hypothyroid patients maintained on constant doses of thyroxine. Farmer TA Jr, et al.
J Clin Endocr 29:781-5, Jun 69

ETIOLOGY

Random dosage of 131-I in the treatment of hyperthyroidism: results of a prospective study. Skillman TG, et al. **Amer J Med Sci 257:382-7, Jun 69**

IMMUNOLOGY

The relative antigen-neutralizing capacity (avidity) of thyroglobulin antibodies in various thyroid diseases as measured by haemagglutination-inhibition with antibody-coated cells. Hjort T.
Clin Exp Immun 5:43-56, Jul 69

METABOLISM

Enzyme studies on carbohydrate metabolism in some clinical conditions. Nath RL, et al.
Bull Calcutta Sch Trop Med 15:95-6, Jul 67
[Studies of the 131-I dynamics in various disorders of iodine metabolism] Grebe SF.
Nuclearmedizin 8:61-74, 15 Apr 69 (Ger)

PHYSIOPATHOLOGY

An electrophysiological study of patients with thyreopathy. Drechsler B, et al.
Electroenceph Clin Neurophysiol 26:234, Feb 69
Electrocardiographic changes in a myxedematous college student. Cowdrey SC.
J Amer Coll Health Ass 17:284-6, Feb 69
[Effect of hypoglycemia on secretion of somatotropic hormone (STH) in myxedema] Brauman H, et al.
Ann Endocr (Paris) 29:465-72, Jul-Aug 68 (Fre)

THERAPY

Urinary excretion of 6 beta-hydroxycortisol in states of altered thyroid function. Yamaji T, et al.
J Clin Endocr 29:801-6, Jun 69
Myxoedema coma. Boyd DW, et al.
Postgrad Med J 45:342-4, May 69

URINE

Urinary excretion of 6 beta-hydroxycortisol in states of altered thyroid function. Yamaji T, et al.
J Clin Endocr 29:801-6, Jun 69

THYROID CRISIS

DIAGNOSIS

Thyroid crisis: diagnosis and treatment. Nelson NC, et al. **Ann Surg 170:263-73, Aug 69**

ETIOLOGY

Acute thyroiditis, thyroid crisis, and hypocalcemia following radioactive iodine therapy. Freeman M, et al. **New York J Med 69:2036-41, 15 Jul 69**

MORTALITY

Thyroid crisis: diagnosis and treatment. Nelson NC, et al. **Ann Surg 170:263-73, Aug 69**

PREVENTION & CONTROL

Thyroid crisis: diagnosis and treatment. Nelson NC, et al. **Ann Surg 170:263-73, Aug 69**
Thyroid crisis and the law. Ficarra BJ.
JAMA 209:774, 4 Aug 69

THERAPY

Thyroid crisis: diagnosis and treatment. Nelson NC, et al. **Ann Surg 170:263-73, Aug 69**

THYROID DISEASES

An experimental study on thyroiditis with special reference to the cytotoxic factor in Hashimoto sera. Shimazaki M. **Acta Path Jap 18:497-500, Nov 68**
[The gastric juice chemistry in thyroid diseases] Freytes MA.
Rev Fac Cienc Med Cordoba 26:83-6, Jan-Mar 68 (Spa)

BLOOD

Thyroid function in human pregnancy. V. Incidence of maternal serum low butanol-extractable iodines and of normal gestational TBG and TBPA capacities; retardation of 8-month-old infants. Man EB, et al.
Amer J Obstet Gynec 104:898-908, 15 Jul 69
A simplified method for estimating free-thyroxine fraction in serum. Cavalieri RR, et al.
J Nucl Med 10:565-70, Sep 69
[TSH] Kumahara Y, et al.
Jap J Clin Med 27:331-6, Feb 69 (39 ref.) (Jap)

CLASSIFICATION

Classification of thyroid disease. Report of the Committee on Nomenclature. The American Thyroid Association. I. Werner SC.
J Clin Endocr 29:860-2, Jun 69

COMPLICATIONS

Thyroid function in Addison's disease. Maisey MN, et al. **Brit Med J 3:392-3, 16 Aug 69**
The fibrinolytic system in arteriosclerosis. O'Brien ET.
J Irish Med Ass 62:203-12, Jun 69 (36 ref.)
[Our experience with 35 cases of autonomic toxic thyroid nodules] Dor LG.
J Belg Radiol 52:33-9, 1969 (Fre)
[Polygraphic cardiological evaluation of patients with thyroid diseases before and after therapy] Bonavita E, et al. **Endocr Sci Cost 30:264-81, Apr 69 (Ita)**

DIAGNOSIS

The use of radio-active isotopes in the investigation of thyroid function. Farran HE.
Brit J Clin Pract 23:233-5, Jun 69
The biochemical assessment of thyroid status. Sanderson C. **Brit J Clin Pract 23:237-8, Jun 69**
Carcinoma in solitary thyroid nodules. Kambal A.
Brit J Surg 56:434-6, Jun 69
Thyroid function in Addison's disease. Maisey MN, et al. **Brit Med J 3:392-3, 16 Aug 69**
Thyroid-uptake studies using 132I. Levy BS, et al.
J Nucl Med 10:286-9, Jun 69
Estimation of thyroid uptake of 131-I from digitized scintiscan matrices. Tauxe WN.
J Nucl Med 10:258-60, Jun 69
[Radioisotopes in otorhinolaryngology (scintillography of the thyroid gland and neck)] Andreevski A, et al.
God Zborn Med Fak Skopje 14:150-5, 1968 (Fre)
[Our experience with 35 cases of autonomic toxic thyroid nodules] Dor LG.
J Belg Radiol 52:33-9, 1969 (Fre)
[New trends in thermography] Gros CM, et al.
Presse Med 77:675-8, 12 Apr 69 (Fre)
[Iodine isotope function test in the iodine saturated thyroid gland] Grebe SF.
Med Welt 11:700-5, 16 Mar 68 (Ger)
[Evaluation of radioisotope scanning data by means of a computer] Tauxe WN.
Meth Inform Med 7:96-104, Apr 68 (Ger)
[Thyroid uptake and scintiscanning in the study of thyroid diseases. Geographic distribution in the province of Pavia] Ricotti V, et al.
Arch Sci Med (Torino) 125:570-9, Nov 68 (Ita)
["Cold nodules" of the thyroid. Clinico-pathological evaluation] Bertolotti A.
Policlinico [Prat] 74:1317-31, 25 Sep 67 (Ita)
[The use of radionuclides for radioisotope examination (scanning)] Barnaby CF.
Recent Progr Med (Roma) 46:95-118, Jan 69 (Ita)
[Amyloid goiter and compression of the esophagus. Comments on a case] Zyngier FR, et al.
Arq Brasil Endocr 17:69-76, Aug 68 (Por)
[Study of thyroid function in the aged, using the Achilles reflexogram] Creţeanu G, et al.
Rev Medicochir Iasi 72:967-70, Oct-Dec 68 (Rum)
[On the diagnosis and treatment of diseases of the thyroid gland with radioactive iodine] Egorov PI, et al. **Ter Arkh 39:5-9, Mar 67 (42 ref.) (Rus)**
[Possibilities of influencing arrhythmias of thyrotoxic origin by means of cardioversion] Haviar V, et al.
Vnitrni Lek 15:476-80, May 69 (Slo)

DRUG THERAPY

Carcinoma in solitary thyroid nodules. Kambal A.
Brit J Surg 56:434-6, Jun 69

[Separation of hormonal iodine and medicamentous iodine compounds in serum by means of cation exchange resin] Aquaron R.
Marseille Med 106:33-41, 1969 (Fre)
[Prevention of recurrence following surgery of benign thyroid diseases] Röher HD, et al.
Hippokrates 39:188-91, 15 Mar 68 (Ger)
[Thyroid gland therapy with novothyral] Foldenauer A, et al. **Med Klin 64:973-5, 23 May 69 (Ger)**
[Polygraphic cardiological evaluation of patients with thyroid diseases before and after therapy] Bonavita E, et al. **Endocr Sci Cost 30:264-81, Apr 69 (Ita)**
[Sclerosing therapy of cysts of the thyroid gland] Sica D. **Rass Int Clin Ter 49:639-48, 31 May 69 (Ita)**

ENZYMOLOGY

Monoamine oxidase activity of the thyroid glands in thyroid disease. Hidaka H, et al.
Clin Chim Acta 23:383-6, Mar 69
[Change in the activity of glucose-6-phosphate dehydrogenase in the erythrocytes with age and in thyroid disorders] Kusunoki T, et al.
Clin Endocr (Tokyo) 17:189-93, Mar 69 (Jap)

ETIOLOGY

[Changes of thyroid structure and of hormonal iodine (PBI) in experimental hypercorticism and their evolution after subtotal adrenalectomy] Damian A, et al. **Stud Cercet Endocr 19:493-6, 1968 (Rum)**

FAMILIAL & GENETIC

Genetic and environmental factors in profound prelingual deafness. Brown KS.
Med Clin N Amer 53:741-72, Jul 69 (64 ref.)
Sporadic cretinism and juvenile hypothyroidism. Ahuja MM, et al. **Metabolism 18:488-96, Jun 69**
[Genetic consideration of thyroid diseases in infants] Niimi H, et al.
Clin Endocr (Tokyo) 17:153-8, Mar 69 (Jap)

IMMUNOLOGY

The relative antigen-neutralizing capacity (avidity) of thyroglobulin antibodies in various thyroid diseases as measured by haemagglutination-inhibition with antibody-coated cells. Hjort T.
Clin Exp Immun 5:43-56, Jul 69
[Auto-immunology of thyroid diseases] Zaroni AA.
Rev Ass Med Brasil 14:315-20, Dec 68 (Por)

METABOLISM

Human thyrocalcitonin. Aliapoulios MA, et al.
Amer J Surg 117:554-7, Apr 69
[Findings on adrenocortical function in infants, especially on cortisol metabolism obtained by radioisotope methods] Kato K, et al.
Clin Endocr (Tokyo) 17:164-7, Mar 69 (Jap)
[Thyrocalcitonin] Fujita T, et al.
Jap J Clin Med 27:411-6, Feb 69 (29 ref.) (Jap)

MORTALITY

Female susceptibility to cancer and other diseases as indicated by British and European mortality rates. Stocks P. **Brit J Cancer 23:254-68, Jun 69**

OCCURRENCE

[Thyroid uptake and scintiscanning in the study of thyroid diseases. Geographic distribution in the province of Pavia] Ricotti V, et al.
Arch Sci Med (Torino) 125:570-9, Nov 68 (Ita)

PATHOLOGY

[Developmental stages of autonomic secreting thyroid nodules. Histologic and histo-radioautographic study with optical and electronic microscopy] Michel-Bechet M, et al.
Marseille Med 106:29-32, 1969 (Fre)
["Cold nodules" of the thyroid. Clinico-pathological evaluation] Bertolotti A.
Policlinico [Prat] 74:1317-31, 25 Sep 67 (Ita)

PHYSIOPATHOLOGY

On the mechanism of the thyroid hypertrophy in pinealectomized rats. Pazo JH, et al.
Acta Physiol Lat Amer 18:332-40, 1968
Effect of endocrine glands on function of the gastrointestinal tract. Study of the thyroid, parathyroid, and adrenal glands. Gregory CH, et al.
Amer J Surg 117:893-906, Jun 69 (169 ref.)
Pathophysiological aspects on surgical treatment of thyroid disease. Heimann P.
Progr Surg 7:1-55, 1969 (370 ref.)

PREVENTION & CONTROL

[Prevention of recurrence following surgery of benign thyroid diseases] Röher HD, et al.
Hippokrates 39:188-91, 15 Mar 68 (Ger)

RADIOGRAPHY

[Diagnosis and treatment of malignant struma] Higuchi K, et al. **Iryo 23:10-25, Jan 69 (Jap)**
[Case of echinococcosis of the thyroid gland] Bakhshiev BA.
Vestn Rentgen Radiol 42:96-7, Nov-Dec 67 (Rus)

RADIOTHERAPY

Radiotherapy in thyroid disease. Goolden AW.
Brit J Clin Pract 23:251-6, Jun 69
[Functional disorders of the parathyroid gland following iodine isotope therapy] Weimann G, et al.
Med Welt 11:706-10, 16 Mar 68 (Ger)
[On the diagnosis and treatment of diseases of the thyroid gland with radioactive iodine] Egorov PI, et al. **Ter Arkh 39:5-9, Mar 67 (42 ref.) (Rus)**

SURGERY

Carcinoma in solitary thyroid nodules. Kambal A.
Brit J Surg 56:434-6, Jun 69
Thyroid crisis and the law. Ficarra BJ.
JAMA 209:774, 4 Aug 69
[Surgery of thyroid nodules] Pech A, et al.
Marseille Med 106:21-8, 1969 (Fre)
[Prevention of recurrence following surgery of benign thyroid diseases] Röher HD, et al.
Hippokrates 39:188-91, 15 Mar 68 (Ger)
[Evolution of anesthetic methods in surgery of the thyroid gland. (Clinico-statistical study)] Pollazzon G, et al.
Acta Anaesth (Padova) 20:103-34, Jan-Feb 69 (Ita)

THERAPY

[On the diagnosis and treatment of diseases of the thyroid gland with radioactive iodine] Egorov PI, et al. **Ter Arkh 39:5-9, Mar 67 (42 ref.) (Rus)**

THYROID GLAND

ABNORMALITIES

Lingual thyroid. Gowda LS.
J Indian Med Ass 51:140-1, 1 Aug 68
Sporadic cretinism and juvenile hypothyroidism. Ahuja MM, et al. **Metabolism 18:488-96, Jun 69**
Exophthalmus caused by thyroid tissue in the choroid layer of the eye in Coris gaimard. Schubert G.
Wildlife Dis 5:113, Apr 69
[Lingual thyroid] Merchie G.
Rev Med Liege 22:333-5, 15 Jun 67 (Fre)
[Significance of heterotopic thyroid as etiology of sporadic cretinism] Niimi A, et al.
Clin Endocr (Tokyo) 17:194-7, Mar 69 (Jap)

THYROID NEOPLASMS

Neoplasms of the thyroid. Piercy JE.
Brit J Clin Pract 23:244-9, Jun 69
Experience with thyroid malignancy in a private referral laboratory. Hamburger JI.
Mich Med 68:575-80, Jun 69
[Clinical and anatomo-pathological study of 31 thyroid medullary carcinomas with amyloid stroma] Muller M.
Schweiz Med Wschr 99:433-9, 29 Mar 69 (Fre)
[Thyroid metastasis of a clear-cell epithelioma of the kidney] Hoerni B, et al.
Sem Hop Paris 45:112-5, 8 Jan 69 (Fre)

[On the diagnosis and therapy of intratracheal goiter] Depisch D, et al.
Wien Med Wschr 119:301-3, 19 Apr 69 **(Ger)**

BLOOD

[The iodine dynamics in autonomous hormone-producing thyroid gland adenoma. Toxic adenoma] Grebe SF.
Nuclearmedizin 8:89-94, 15 Apr 69 **(Ger)**
[Studies of the 131-I dynamics in various disorders of iodine metabolism] Grebe SF.
Nuclearmedizin 8:61-74, 15 Apr 69 **(Ger)**

CHEMICALLY INDUCED

Current status of the management of patients with endocrine-sensitive tumors. II. Carcinoma of the prostate, endometrium, thyroid, kidney and miscellaneous tumors. Crowley LG, et al.
Calif Med 110:139-50, Feb 69 (158 ref.)
Accidents of nuclear power plants and the hazard to the public. Běhounek F.
Sborn Ved Prac Lek Fak Karlov Univ 11:415-24, 1968

CLASSIFICATION

Medullary cancer of the thyroid gland associated with hypercorticism. Szijj I, et al. **Cancer** 24:167-73, Jul 69
Classification of thyroid disease. Report of the Committee on Nomenclature. The American Thyroid Association. I. Werner SC.
J Clin Endocr 29:860-2, Jun 69
Pathophysiological aspects on surgical treatment of thyroid disease. Heimann P.
Progr Surg 7:1-55, 1969 (370 ref.)

COMPLICATIONS

Medullary cancer of the thyroid gland associated with hypercorticism. Szijj I, et al. **Cancer** 24:167-73, Jul 69
Myxoedema coma. Boyd DW, et al.
Postgrad Med J 45:342-4, May 69
[Diarrheogenic thyroid medullary cancer. Apropos of a case revealed by diarrhea. Review of the literature] Debray C, et al.
Ann Med Intern (Paris) 120:73-84, Feb 69 **(Fre)**
[A case of 3 primary tumors followed-up for 8 years] Fényes Z, et al.
Radiobiol Radiother (Berlin) 9:637-43, 1968 **(Ger)**
[Coexistence of a thyroid adenocarcinoma with a malignant mediastinal tumor] Damian A.
Stud Cercet Endocr 19:525-8, 1968 **(Rum)**

DIAGNOSIS

Cervical and mediastinal lymph node metastases as an ortorhinolaryngic problem. Berge T, et al.
Ann Otol 78:663-70, Jun 69
Neoplasms of the thyroid. Piercy JE.
Brit J Clin Pract 23:244-9, Jun 69
Tumor scanning with 67Ga citrate. Edwards CL, et al.
J Nucl Med 10:103-5, Feb 69
Detection of neoplastic bone lesions by quantitative scanning and radiography. Greenberg EJ, et al.
J Nucl Med 9:613-20, Dec 68
Thyroid carcinoma in Hiroshima and Nagasaki. I. Prevalence of thyroid carcinoma at autopsy. Sampson RJ, et al. **JAMA** 209:65-70, 7 Jul 69
A radioimmunoassay for human calcitonin M. Clark MB, et al. **Lancet** 2:74-7, 12 Jul 69
Malignancy in thyroid nodules. Thomson JA, et al.
Lancet 2:162, 19 Jul 69
Pathophysiological aspects on surgical treatment of thyroid disease. Heimann P.
Progr Surg 7:1-55, 1969 (370 ref.)
[Salivary gland hypertrophy associated with carcinoid syndrome] Bricaire H, et al.
Ann Med Intern (Paris) 120:85-96, Feb 69 **(Fre)**
[Diarrheogenic thyroid medullary cancer. Apropos of a case revealed by diarrhea. Review of the literature] Debray C, et al.
Ann Med Intern (Paris) 120:73-84, Feb 69 **(Fre)**
[Radioisotopes in otorhinolaryngology (scintillography of the thyroid gland and neck)] Andreevski A, et al.
God Zborn Med Fak Skopje 14:150-5, 1968 **(Fre)**
[New trends in thermography] Gros CM, et al.
Presse Med 77:675-8, 12 Apr 69 **(Fre)**
[Clinical and anatomo-pathological study of 31 thyroid medullary carcinomas with amyloid stroma] Muller M.
Schweiz Med Wschr 99:433-9, 29 Mar 69 **(Fre)**
[Thyroid metastasis of a clear-cell epithelioma of the kidney] Hoerni B, et al.
Sem Hop Paris 45:112-5, 8 Jan 69 **(Fre)**
[Metastasizing adenomas of the thyroid gland] Brüchle H, et al.
Munchen Med Wschr 110:947-51, 12 Apr 68 **(Ger)**
[On the diagnosis and therapy of intratracheal goiter] Depisch D, et al.
Wien Med Wschr 119:301-3, 19 Apr 69 **(Ger)**
[Thyrophonographic findings in diseases of the thyroid gland] Palagi L, et al.
Folia Endocr (Roma) 21:621-31, Oct 68 **(Ita)**
["Cold nodules" of the thyroid. Clinico-pathological evaluation] Bertolotti A.
Policlinico [Prat] 74:1317-31, 25 Sep 67 **(Ita)**
[On the diagnosis and treatment of diseases of the thyroid gland with radioactive iodine] Egorov PI, et al. **Ter Arkh** 39:5-9, Mar 67 (42 ref.) **(Rus)**

DRUG THERAPY

Pathophysiological aspects on surgical treatment of thyroid disease. Heimann P.
Progr Surg 7:1-55, 1969 (370 ref.)
[On the diagnosis and treatment of diseases of the thyroid gland with radioactive iodine] Egorov PI, et al. **Ter Arkh** 39:5-9, Mar 67 (42 ref.) **(Rus)**

ETIOLOGY

Current status of the management of patients with endocrine-sensitive tumors. II. Carcinoma of the prostate, endometrium, thyroid, kidney and miscellaneous tumors. Crowley LG, et al.
Calif Med 110:139-50, Feb 69 (158 ref.)
Thyroid carcinoma in Hiroshima and Nagasaki. I. Prevalence of thyroid carcinoma at autopsy. Sampson RJ, et al. **JAMA** 209:65-70, 7 Jul 69
Thyroid cancer in Japan. **JAMA** 209:104, 7 Jul 69
Thyroid carcinoma associated with radiation therapy. Harper PV, et al. **Surg Clin N Amer** 49:57-60, Feb 69
[Current trends in the therapy of thyroid tumors in children] Mussa GC.
Minerva Pediat 19:1693-6, 15 Sep 67 **(Ita)**

METABOLISM

Human thyrocalcitonin. Aliapoulios MA, et al.
Amer J Surg 117:554-7, Apr 69
Animal cell cultures as a source of hormones. Tashjian AH Jr. **Biotechn Bioengin** 11:109-26, Mar 69
On the DNA and histone content of N-nitrosomethylurea induced rat tumours. Jobst K.
Neoplasma (Bratisl) 16:43-51, 1969
Immunofluorescent localisation of calcitonin in medullary C-cell thyroid carcinoma, using antibody to the pure porcine hormone. Bussolati G, et al.
Virchow Arch [Zellpath] 2:234-8, 1969
[Studies of the 131-I dynamics in various disorders of iodine metabolism] Grebe SF.
Nuclearmedizin 8:61-74, 15 Apr 69 **(Ger)**
[The iodine dynamics in autonomous hormone-producing thyroid gland adenoma. Toxic adenoma] Grebe SF.
Nuclearmedizin 8:89-94, 15 Apr 69 **(Ger)**

MORTALITY

Female susceptibility to cancer and other diseases as indicated by British and European mortality rates. Stocks P. **Brit J Cancer** 23:254-68, Jun 69
Epidemiology and pathology of cancer of the thyroid. 2. Discussion. Farooki MA.
Int Surg 51:317-33, Apr 69 (163 ref.)
Thyroid carcinoma in Hiroshima and Nagasaki. I. Prevalence of thyroid carcinoma at autopsy. Sampson RJ, et al. **JAMA** 209:65-70, 7 Jul 69
Thyroid cancer in Japan. **JAMA** 209:104, 7 Jul 69
Experience with thyroid malignancy in a private referral laboratory. Hamburger JI.
Mich Med 68:575-80, Jun 69

OCCURRENCE

Carcinoma in solitary thyroid nodules. Kambal A.
Brit J Surg 56:434-6, Jun 69
Epidemiology and pathology of cancer of the thyroid. 2.

Discussion. Farooki MA.
Int Surg 51:317-33, Apr 69 (163 ref.)
Thyroid carcinoma: a survey of 133 consecutive cases. Stacy LD, et al. J Med Ass Georgia 58:121-5, Mar 69
Thyroid carcinoma in Hiroshima and Nagasaki. I. Prevalence of thyroid carcinoma at autopsy. Sampson RJ, et al. JAMA 209:65-70, 7 Jul 69
Thyroid cancer in Japan. JAMA 209:104, 7 Jul 69
Malignancy in thyroid nodules. Condon RE, et al. Lancet 2:109, 12 Jul 69

PATHOLOGY

Tissue culture of human thyroid cancer. Hirose M. Acta Med Okayama 22:185-202, Aug 68
Granular cell myoblastoma of larynx with papillary adenocarcinoma of thyroid. Bhatnagar HN, et al. Arch Otolaryng (Chicago) 90:156-8, Aug 69
Neoplasms of the thyroid. Piercy JE.
Brit J Clin Pract 23:244-9, Jun 69
Medullary carcinoma of the thyroid. Williams CR, et al. Brit J Surg 56:437-43, Jun 69
Second operations for thyroid carcinoma. James KW, et al. Canad J Surg 12:289-93, Jul 69
Benign solitary Schwannomas (neurilemomas). Das Gupta TK, et al. Cancer 24:355-66, Aug 69
Microscopically benign thyroid follicles in cervical lymph nodes. Serial section study of lymph node inclusions and entire thyroid gland in 5 cases. Meyer JS, et al. Cancer 24:302-11, Aug 69
Medullary cancer of the thyroid gland associated with hypercorticism. Szijj I, et al. Cancer 24:167-73, Jul 69
Epidemiology and pathology of cancer of the thyroid. 2. Discussion. Farooki MA.
Int Surg 51:317-33, Apr 69 (163 ref.)
Thyroid carcinoma in Hiroshima and Nagasaki. I. Prevalence of thyroid carcinoma at autopsy. Sampson RJ, et al. JAMA 209:65-70, 7 Jul 69
Malignant lymphoma of head and neck. McNelis FL, et al. Laryngoscope 79:1076-86, Jun 69
Experience with thyroid malignancy in a private referral laboratory. Hamburger JI.
Mich Med 68:575-80, Jun 69
[Clinical and anatomo-pathological study of 31 thyroid medullary carcinomas with amyloid stroma] Muller M.
Schweiz Med Wschr 99:433-9, 29 Mar 69 (Fre)
[Thyroid metastasis of a clear-cell epithelioma of the kidney] Hoerni B, et al.
Sem Hop Paris 45:112-5, 8 Jan 69 (Fre)
[Metastasizing adenomas of the thyroid gland] Brüchle H, et al.
Munchen Med Wschr 110:947-51, 12 Apr 68 (Ger)
[C-cells in the human thyroid gland] Kracht J, et al.
Verh Deutsch Ges Path 52:485-90, 1968 (Ger)
[Capsule of adenomatous goiter or of the cystic nodular goiter with its vascular system] Mackowski A, et al.
Pol Przegl Chir 41:218-23, Mar 69 (Pol)

PHYSIOPATHOLOGY

An electrophysiological study of patients with thyreopathy. Drechsler B, et al.
Electroenceph Clin Neurophysiol 26:234, Feb 69
[The iodine dynamics in autonomous hormone-producing thyroid gland adenoma. Toxic adenoma] Grebe SF.
Nuclearmedizin 8:89-94, 15 Apr 69 (Ger)

RADIOGRAPHY

Clinical applications of laryngographic techniques. Leonard JR.
Arch Otolaryng (Chicago) 90:216-24, Aug 69
The radiologic diagnosis of tumors of the endocrine glands. Ranniger K.
Surg Clin N Amer 49:11-26, Feb 69 (40 ref.)
[Diagnosis and treatment of malignant struma] Higuchi K, et al. Iryo 23:10-25, Jan 69 (Jap)
[Metastasis of thyroid gland adenoma] Bodunova LS.
Vestn Rentgen Radiol 42:94-6, Nov-Dec 67 (Rus)

RADIOTHERAPY

Radiotherapy in thyroid disease. Goolden AW.
Brit J Clin Pract 23:251-6, Jun 69
Medullary carcinoma of the thyroid. Williams CR, et al.
Brit J Surg 56:437-43, Jun 69
Experience with thyroid malignancy in a private referral laboratory. Hamburger JI.
Mich Med 68:575-80, Jun 69
Pathophysiological aspects on surgical treatment of thyroid disease. Heimann P.
Progr Surg 7:1-55, 1969 (370 ref.)
[On the diagnosis and therapy of intratracheal goiter] Depisch D, et al.
Wien Med Wschr 119:301-3, 19 Apr 69 (Ger)
[Current trends in the therapy of thyroid tumors in children] Mussa GC.
Minerva Pediat 19:1693-6, 15 Sep 67 (Ita)
[On the diagnosis and treatment of diseases of the thyroid gland with radioactive iodine] Egorov PI, et al. Ter Arkh 39:5-9, Mar 67 (42 ref.) (Rus)

SURGERY

Neoplasms of the thyroid. Piercy JE.
Brit J Clin Pract 23:244-9, Jun 69
Second operations for thyroid carcinoma. James KW, et al. Canad J Surg 12:289-93, Jul 69
Malignancy in thyroid nodules. Thomson JA, et al. Lancet 2:162, 19 Jul 69
Surgical disease of the thyroid in pregnancy. Cunningham MP, et al.
Proc Inst Med Chicago 27:213-4, Mar 69
Pathophysiological aspects on surgical treatment of thyroid disease. Heimann P.
Progr Surg 7:1-55, 1969 (370 ref.)
Thyroid carcinoma associated with radiation therapy. Harper PV, et al. Surg Clin N Amer 49:57-60, Feb 69
[Thyroid metastasis of a clear-cell epithelioma of the kidney] Hoerni B, et al.
Sem Hop Paris 45:112-5, 8 Jan 69 (Fre)
[On the diagnosis and therapy of intratracheal goiter] Depisch D, et al.
Wien Med Wschr 119:301-3, 19 Apr 69 (Ger)
[Diagnosis and treatment of malignant struma] Higuchi K, et al. Iryo 23:10-25, Jan 69 (Jap)

THERAPY

[Current trends in the therapy of thyroid tumors in children] Mussa GC.
Minerva Pediat 19:1693-6, 15 Sep 67 (Ita)

URINE

[Diarrheogenic thyroid medullary cancer. Apropos of a case revealed by diarrhea. Review of the literature] Debray C, et al.
Ann Med Intern (Paris) 120:73-84, Feb 69 (Fre)

THYROIDITIS

Riedel's disease. Greene R.
Brit J Clin Pract 23:261-3, Jun 69
Thyroiditis--review and comments.
Eye Ear Nose Throat Monthly 47:362-3, Aug 68
[Various cases of subacute thyroiditis] Bru A, et al.
J Radiol Electr 50:53-7, Jan-Feb 69 (Fre)

BLOOD

[Thyroxine-binding beta globulins during a subacute thyroiditis] Bekier A.
Nuclearmedizin 8:75-82, 15 Apr 69 (Ger)

CHEMICALLY INDUCED

Influence of age and sex on thyroiditis in rats injected subcutaneously with 3-methylcholanthrene. Glover EL, et al. Path Microbiol (Basel) 32:314-20, 1968
[Case of hyperthyroidism and acute thyroiditis developing during administration of thyroid hormones] Ishizuki Y, et al.
Clin Endocr (Tokyo) 17:125-7, Feb 69 (Jap)

CLASSIFICATION

Clinico-pathological studies on chronic thyroiditis. Hisada T. Acta Path Jap 18:512-4, Nov 68
Histopathological study of thyroiditis--special reference to its classification. Yagawa K.
Acta Path Jap 18:491-6, Nov 68
The cellular infiltrate in Hashimoto's disease and focal lymphocytic thyroiditis. Harris M.
J Clin Path 22:326-33, May 69
[Various cases of subacute thyroiditis] Bru A, et al.
J Radiol Electr 50:53-7, Jan-Feb 69 (Fre)

COMPLICATIONS

Three autopsy cases of chronic thyroiditis associated with other diseases. Kitamura S.
Acta Path Jap 18:508-11, Nov 68

Localized hypothalamic histiocytosis X. Report of a case. Bernard JD, et al.
Arch Neurol (Chicago) 20:368-72, Apr 69

Thrombotic microangiopathy in rheumatoid arthritis. Thomson D, et al. **Scot Med J** 14:190-3, Jun 69

[Various cases of subacute thyroiditis] Bru A, et al.
J Radiol Electr 50:53-7, Jan-Feb 69 **(Fre)**

[Thyroiditis causing upper respiratory stenosis] Szabó L, et al. **Orv Hetil** 110:1388-90, 15 Jun 69 **(Hun)**

DIAGNOSIS

Riedel's disease. Greene R.
Brit J Clin Pract 23:261-3, Jun 69

Pathophysiological aspects on surgical treatment of thyroid disease. Heimann P.
Progr Surg 7:1-55, 1969 (370 ref.)

[De Quervain's subacute thyroiditis and radioiodine studies] Karanfiski B, et al.
God Zborn Med Fak Skopje 14:131-9, 1968 **(Ser)**

DRUG THERAPY

Studies on iodine metabolism in chronic thyroiditis. Torizuka K. **Acta Path Jap** 18:485-90, Nov 68

Riedel's disease. Greene R.
Brit J Clin Pract 23:261-3, Jun 69

Pathophysiological aspects on surgical treatment of thyroid disease. Heimann P.
Progr Surg 7:1-55, 1969 (370 ref.)

[Various cases of subacute thyroiditis] Bru A, et al.
J Radiol Electr 50:53-7, Jan-Feb 69 **(Fre)**

ETIOLOGY

Transfer of experimental autoimmune thyroiditis by serum from thyroidectomized donors. Nakamura RM, et al. **J Exp Med** 130:263-85, 1 Aug 69

The role of mycobacteria and the effect of proteolytic degradation of thyroglobulin on the production of autoimmune thyroiditis. Weigle WO, et al.
J Exp Med 130:243-62, 1 Aug 69

Acute thyroiditis, thyroid crisis, and hypocalcemia following radioactive iodine therapy. Freeman M, et al. **New York J Med** 69:2036-41, 15 Jul 69

The ultrastructure of thyroid in chronic autoimmune thyroiditis. Nève P.
Virchow Arch [Path Anat] 346:302-17, 1969

[Various cases of subacute thyroiditis] Bru A, et al.
J Radiol Electr 50:53-7, Jan-Feb 69 **(Fre)**

[Thyroiditis causing upper respiratory stenosis] Szabó L, et al. **Orv Hetil** 110:1388-90, 15 Jun 69 **(Hun)**

IMMUNOLOGY

Studies on iodine metabolism in chronic thyroiditis. Torizuka K. **Acta Path Jap** 18:485-90, Nov 68

The relative antigen-neutralizing capacity (avidity) of thyroglobulin antibodies in various thyroid diseases antibody-coated cells. Hjort T.
Clin Exp Immun 5:43-56, Jul 69

Passive transfer of experimental allergic thyriditis, delayed hypersensitivity to thyroglobulin and anti-thyroglobulin antibody formation in inbred Lewis rats. Janković BD, et al.
Clin Exp Immun 5:29-41, Jul 69

Perpetuation of autoimmune thyroiditis and production of secondary renal lesions following periodic injections of aqueous preparations of altered thyroglobulin. Weigle WO, et al.
Clin Exp Immun 4:645-57, Jun 69

Transfer of experimental autoimmune thyroiditis by serum from thyroidectomized donors. Nakamura RM, et al. **J Exp Med** 130:263-85, 1 Aug 69

The role of mycobacteria and the effect of proteolytic degradation of thyroglobulin on the production of autoimmune thyroiditis. Weigle WO, et al.
J Exp Med 130:243-62, 1 Aug 69

[The phenomenon of lymphocyte transformation in the diagnosis and pathogenesis of autoimmune diseases] Warnatz H. **Z Ges Exp Med** 149:64-90, 8 Jan 69 **(Ger)**

[Critique on the theory of autoimmunity] Hamajima Y.
Jap J Bact 24:87-102, Feb 69 (67 ref.) **(Jap)**

[Histopathological and serological studies in thyroiditis] Pencea V, et al.
Rev Medicochir Iasi 72:955-60, Oct-Dec 68 **(Rum)**

METABOLISM

Studies on iodine metabolism in chronic thyroiditis. Torizuka K. **Acta Path Jap** 18:485-90, Nov 68

PATHOLOGY

Clinico-pathological studies on chronic thyroiditis. Hisada T. **Acta Path Jap** 18:512-4, Nov 68

Three autopsy cases of chronic thyroiditis associated with other diseases. Kitamura S.
Acta Path Jap 18:508-11, Nov 68

An electron microscopic study of chronic thyroiditis. Takahashi K. **Acta Path Jap** 18:515-22, Nov 68

Histopathological study of thyroiditis--special reference to its classification. Yagawa K.
Acta Path Jap 18:491-6, Nov 68

The cellular infiltrate in Hashimoto's disease and focal lymphocytic thyroiditis. Harris M.
J Clin Path 22:326-33, May 69

Transfer of experimental autoimmune thyroiditis by serum from thyroidectomized donors. Nakamura RM, et al. **J Exp Med** 130:263-85, 1 Aug 69

Influence of age and sex on thyroiditis in rats injected subcutaneously with 3-methylcholanthrene. Glover EL, et al. **Path Microbiol (Basel)** 32:314-20, 1968

The ultrastructure of thyroid in chronic autoimmune thyroiditis. Nève P.
Virchow Arch [Path Anat] 346:302-17, 1969

[Histopathological and serological studies in thyroiditis] Pencea V, et al.
Rev Medicochir Iasi 72:955-60, Oct-Dec 68 **(Rum)**

PHYSIOPATHOLOGY

Riedel's disease. Greene R.
Brit J Clin Pract 23:261-3, Jun 69

Pathophysiological aspects on surgical treatment of thyroid disease. Heimann P.
Progr Surg 7:1-55, 1969 (370 ref.)

SURGERY

Pathophysiological aspects on surgical treatment of thyroid disease. Heimann P.
Progr Surg 7:1-55, 1969 (370 ref.)

THYROIDITIS, LYMPHOMATOUS

[Various cases of subacute thyroiditis] Bru A, et al.
J Radiol Electr 50:53-7, Jan-Feb 69 **(Fre)**

BLOOD

An experimental study on thyroiditis with special reference to the cytotoxic factor in Hashimoto sera. Shimazaki M. **Acta Path Jap** 18:497-500, Nov 68

COMPLICATIONS

Occurrence of severe thyrotoxicosis in a case of
Int Surg 51:540-2, Jun 69

[Various cases of subacute thyroiditis] Bru A, et al.
J Radiol Electr 50:53-7, Jan-Feb 69 **(Fre)**

DIAGNOSIS

Auto-immune thyroiditis. Hoffenberg R.
Brit J Clin Pract 23:257-60, Jun 69

DRUG THERAPY

Auto-immune thyroiditis. Hoffenberg R.
Brit J Clin Pract 23:257-60, Jun 69

ETIOLOGY

Auto-immune thyroiditis. Hoffenberg R.
Brit J Clin Pract 23:257-60, Jun 69

[Various cases of subacute thyroiditis] Bru A, et al.
J Radiol Electr 50:53-7, Jan-Feb 69 **(Fre)**

IMMUNOLOGY

[Immunologic foundations of organ transplantation]

Sunder-Plassmann P.
Hippokrates 39:681-8, 30 Sep 68 (Ger)

PATHOLOGY

Histopathological study of thyroiditis--special reference to its classification. Yagawa K.
Acta Path Jap 18:491-6, Nov 68
The cellular infiltrate in Hashimoto's disease and focal lymphocytic thyroiditis. Harris M.
J Clin Path 22:326-33, May 69
The ultrastructure of thyroid in chronic autoimmune thyroiditis. Nève P.
Virchow Arch [Path Anat] 346:302-17, 1969
[Immunologic foundations of organ transplantation] Sunder-Plassmann P.
Hippokrates 39:681-8, 30 Sep 68 (Ger)

III. *Thyroid Hormones, Precursors, Metabolites and Synthetic Analogs*

DEXTROTHYROXINE

ADMINISTRATION & DOSAGE

[D-thyroxine in hypercholesterolemia--an attempt at critical evaluation] Wadman B, et al.
Nord Med 81:691-7, 29 May 69 **(Swe)**

ADVERSE EFFECTS

[D-thyroxine in hypercholesterolemia--an attempt at critical evaluation] Wadman B, et al.
Nord Med 81:691-7, 29 May 69 **(Swe)**

DIIODOTYROSINE

The oxidative cleavage of tyrosyl-peptide bonds during iodination. Junek H, et al.
Biochemistry (Wash) 8:1844-8, May 69

Pyridine coenzymes. VII. Catalysis of the hydration of the reduced form by iodoaromatic compounds. Schreier S, et al.
Biochemistry (Wash) 8:2140-5, May 69

Studies with purified pig thyroglobulin and thyroid enzymes. Dopheide TA, et al.
Biochim Biophys Acta 181:105-15, May 69

ANALYSIS

Effect of thyrotopin and the iodine content of the thyroid on the triiodothyronine: thyroxine ration of newly synthesized iodothyronines. Greer MA, et al.
Endocrinology 85:244-50, Aug 69

Thyroid function in a family with the Pendred syndrome. Milutinovic PS, et al.
J Clin Endocr 29:962-9, Jul 69

BIOSYNTHESIS

Studies on the enzymic formation of di-iodotyrosine by a microsomal preparation of goat submaxillary gland. Hati RN, et al. **J Endocr** 44:177-85, Jun 69

BLOOD

[On the effect of desoxycorticosterone glycoside on thyroid function] Gólián-Bartha K.
Acta Med Acad Sci Hung 25:121-6, 1968 **(Ger)**

[Thyroid function tests] Iino S, et al.
Jap J Clin Med 27:265-71, Feb 69 (32 ref.) **(Jap)**

METABOLISM

Enzymic pathway for thyroxine synthesis through p-hydroxy-3,5-diiodophenylpyruvic acid. Biasi F, et al.
Endocrinology 85:542-51, Sep 69

THERAPEUTIC USE

[Antithyroid agents. 15] Götz HG.
Pharm Prax 9:258-64, 1967 (113 ref.) **(Ger)**

IODOTYROSINE

Studies on soluble and mitochondrial tyrosine aminotransferase: evidence for a physical change in the cytosol enzyme during induction. Miller JE, et al.
Biochem Biophys Res Commun 36:35-41, 7 Jul 69

Studies with purified pig thyroglobulin and thyroid enzymes. Dopheide TA, et al.
Biochim Biophys Acta 181:105-15, May 69

ANALYSIS

Effect of thyrotopin and the iodine content of the thyroid on the triiodothyronine: thyroxine ration of newly synthesized iodothyronines. Greer MA, et al.
Endocrinology 85:244-50, Aug 69

Thyroid function in a family with the Pendred syndrome. Milutinovic PS, et al.
J Clin Endocr 29:962-9, Jul 69

BIOSYNTHESIS

[Hypothyroidism due to iodotyrosine deiodase deficiency. Results after 7 years of treatment with iodine] Orsini A, et al.
Marseille Med 106:47-9, 1969 **(Fre)**

METABOLISM

[Genetic consideration of thyroid diseases in infants] Niimi H, et al.
Clin Endocr (Tokyo) 17:153-8, Mar 69 **(Jap)**

THYROGLOBULIN

Pyridine coenzymes. VII. Catalysis of the hydration of the reduced form by iodoaromatic compounds. Schreier S, et al.
Biochemistry (Wash) 8:2140-5, May 69

Studies with purified pig thyroglobulin and thyroid enzymes. Dopheide TA, et al.
Biochim Biophys Acta 181:105-15, May 69

Subunit structure of hog thyroglobulin: dissociation by treatment with sodium dodecyl sulfate. Tarutani O, et al. **Biochim Biophys Acta** 181:116-35, May 69

Subunit structure of hog thyroglobulin: dissociation of noniodinated and highly iodinated preparations. Tarutani O, et al.
Biochim Biophys Acta 181:136-45, May 69

Heterogeneity of the antibody response to thyroglobulin: effects of 6-mercaptopurine. Braley HC, et al. **Clin Exp Immun** 4:659-65, Jun 69

The relative antigen-neutralizing capacity (avidity) of thyroglobulin antibodies in various thyroid diseases as measured by haemagglutination-inhibition with antibody-coated cells. Hjort T.
Clin Exp Immun 5:43-56, Jul 69

Passive transfer of experimental allergic thyriditis, delayed hypersensitivity to thyroglobulin and anti-thyroglobulin antibody formation in inbred Lewis rats. Janković BD, et al.
Clin Exp Immun 5:29-41, Jul 69

Perpetuation of autoimmune thyroiditis and production of secondary renal lesions following periodic injections of aqueous preparations of altered thyroglobulin. Weigle WO, et al.
Clin Exp Immun 4:645-57, Jun 69

Factors in the iodination of histidine in proteins. Wolff J, et al. **Europ J Biochem** 9:371-7, Jun 69

Transfer of experimental autoimmune thyroiditis by serum from thyroidectomized donors. Nakamura RM, et al. **J Exp Med** 130:263-85, 1 Aug 69

The role of mycobacteria and the effect of proteolytic degradation of thyroglobulin on the production of autoimmune thyroiditis. Weigle WO, et al.
J Exp Med 130:243-62, 1 Aug 69

Immobilizing antibodies in pyelonephritis. Pazin GJ, et al. **J Immun** 102:1454-65, Jun 69

Inhibition of the long-acting thyroid stimulator (LATS) by soluble thyroid fractions. Beall G, et al.
J Lab Clin Med 73:988-99, Jun 69

Autoantibodies in patients with vitiligo. Brostoff J.
Lancet 2:177-8, 26 Jul 69

Laboratory methods for diagnosis of autoimmune disease. Whittingam S, et al.
Med J Aust 1:1200-5, 7 Jun 69

Endocytosis of thyroglobulin and the release of thyroid hormone. Seljelid R, et al.
Scand J Clin Lab Invest 22:Suppl 106:125+, 1968

[Incidence of antibodies, diabetes and lymphoma in conditions caused by chromosomal disorders] Engelberth O, et al. **Sborn Lek** 71:123-30, May 69 **(Cze)**

[Histopathological and serological studies in thyroiditis] Pencea V, et al.
Rev Medicochir Iasi 72:955-60, Oct-Dec 68 **(Rum)**

ADMINISTRATION & DOSAGE

Thyroid therapy in diabetic retinopathy. Schneider T, et al. S Afr Med J 43:414-7, 5 Apr 69

ANALYSIS

Studies with purified pig thyroglobulin and thyroid enzymes. Dopheide TA, et al.
Biochim Biophys Acta 181:105-15, May 69
The role of mycobacteria and the effect of proteolytic degradation of thyroglobulin on the production of autoimmune thyroiditis. Weigle WO, et al.
J Exp Med 130:243-62, 1 Aug 69
Studies on thyroglobulin immunity. VI. Thyroid hormones and thyroglobulin specificity. Margherita SS, et al. J Immun 102:1511-22, Jun 69
[Ultrastructure and autoradiography of isolated thyroid cells, incubated in the presence of iodine-125] Tixier-Vidal A, et al.
J Ultrastruct Res 28:78-101, Jul 69 (Fre)

BIOSYNTHESIS

Effect of thyrotopin and the iodine content of the thyroid on the triiodothyronine: thyroxine ration of newly synthesized iodothyronines. Greer MA, et al.
Endocrinology 85:244-50, Aug 69
Ontogenesis of immunoreactive thyroglobulin in the human conceptus. Gitlin D, et al.
J Clin Endocr 29:849-53, Jun 69

BLOOD

[Detection of exophthalmus producing factor (EPF) in hyperthyroidism and its sensitization by carticotropin] Weisbecker L, et al.
Schweiz Med Wschr 99:450-2, 29 Mar 69 (Ger)

METABOLISM

Subunit structure of hog thyroglobulin: dissociation of noniodinated and highly iodinated preparations. Tarutani O, et al.
Biochim Biophys Acta 181:136-45, May 69
Effect of chlorpromazine on thyrotropin-stimulated endocytosis and glucose oxidation in canine thyroid slices. Onaya T, et al. Endocrinology 85:150-4, Jul 69

THERAPEUTIC USE

[Thyroid gland hormones and thyreotropin. 10] Götz HG. Pharm Prax 7:204-8, 1967 (83 ref.) (Ger)

THYROID HORMONES

Pyridine coenzymes. VII. Catalysis of the hydration of the reduced form by iodoaromatic compounds. Schreier S, et al.
Biochemistry (Wash) 8:2140-5, May 69
Functional cardiac reserve in thyrotoxicosis and its plastic ensurance. Golber LM, et al.
Cor Vasa 11:35-47, 1969
Effect of beta-alanine and L-histidine on immune response. Madan BR, et al.
Jap J Pharmacol 19:180-2, Mar 69
[New knowledge about the pathogenesis of hyperthyroidism] Küchel O, et al.
Cas Lek Cesk 108:833-8, Jul 69 (54 ref.) (Cze)
[The endocrinology of puberty and adolescence. Thyroid hormone] Nakajima H, et al.
Clin Endocr (Tokyo) 17:87-94, Feb 69 (36 ref.) (Jap)

ADMINISTRATION & DOSAGE

New developments in the understanding of the actions of the digitalis glycosides. Mason DT, et al.
Progr Cardiovasc Dis 11:443-78, May 69 (138 ref.)
[Radioimmunoassay of thyrotropin (TSH) in human plasma] Freychet P, et al.
Presse Med 77:13-6, 4 Jan 69 (Fre)

ADVERSE EFFECTS

[Case of hyperthyroidism and acute thyroiditis developing during administration of thyroid hormones] Ishizuki Y, et al.
Clin Endocr (Tokyo) 17:125-7, Feb 69 (Jap)

BIOSYNTHESIS

[Hypothyroidism due to iodotyrosine deiodase deficiency. Results after 7 years of treatment with iodine] Orsini A, et al.
Marseille Med 106:47-9, 1969 (Fre)
[On the effect of desoxycorticosterone glycoside on thyroid function] Gólián-Bartha K.
Acta Med Acad Sci Hung 25:121-6, 1968 (Ger)
[Thyroid gland hormones and thyreotropin. 10] Götz HG. Pharm Prax 7:204-8, 1967 (83 ref.) (Ger)

BLOOD

Studies on iodine metabolism in chronic thyroiditis. Torizuka K. Acta Path Jap 18:485-90, Nov 68
Stimulation of thyroid hormone secretion by dibutyryl cyclic-AMP. Ahn CS, et al.
Endocrinology 85:224-30, Aug 69
Determination of hormonal radioiodine in serum with a cation exchange resin. Wiener JD, et al.
J Nucl Med 9:601-3, Dec 68
Laboratory aids in the diagnosis of endocrine disorders. Katz FH. Med Clin N Amer 53:79-95, Jan 69 (43 ref.)
A thyro-binding index kit test of thyroid function. An evaluation and modification. Oldfield RK, et al.
Techn Bull Regist Med Techn 39:134-8, Jun 69
[Unchecked thyroid insufficiencies] Luton JP.
Presse Med 77:1105-6, 25 Jun 69 (Fre)
[Diagnostic value of the triiodothyronine test] Scriba PC. Deutsch Med Wschr 94:1455-6, 11 Jul 69 (Ger)
[Discussion on endocrine disorders. 3. Myxedema] Shimoda S. Clin Endocr (Tokyo) 17:213-6, Mar 69 (Jap)

PHARMACODYNAMICS

Hormone control of connective tissue. Asboe-Hansen G. Brit J Derm 81:Suppl 2:2-8, 1969 (56 ref.)
[The thyroid and calcium metabolism] Arvy L.
J Physiol (Paris) 60:405-48, Sep-Oct 68 (210 ref.) (Fre)
[Variations of insulin secretion during treatment by thyroid extract in dogs] Orsetti A, et al.
J Physiol (Paris) 59:Suppl:276, 1967 (Fre)
[Experimental studies on the influence of thyroid hormones and some other hormonal factors on diabetic acidosis] Karwowska-Stauber L, et al.
Acta Diabet Lat 6:56-73, Jan-Mar 69 (Mul)

PHYSIOLOGY

[The thyroid gland and aging in man] Felt V.
Cas Lek Cesk 108:857-60, Jul 69 (Cze)
[Insulin secretion study during arginine perfusion. Comparative effects of sympatholytics in normal subjects and hyperthyroid patients] Modigliani E, et al. Rev Franc Etud Clin Biol 14:267-75, Mar 69 (Fre)
[Hormonal influences on the blood picture] Bucher U, et al. Schweiz Med Wschr 99:748-51, 17 May 69 (Ger)

SECRETION

Stimulation of thyroid hormone secretion by dibutyryl cyclic-AMP. Ahn CS, et al.
Endocrinology 85:224-30, Aug 69

THERAPEUTIC USE

Studies on iodine metabolism in chronic thyroiditis. Torizuka K. Acta Path Jap 18:485-90, Nov 68
Thyroid function in human pregnancy. VI. Premature deliveries and reproductive failures of pregnant women with low serum butanol-extractable iodines. Maternal serum TBG and TBPA capacities. Jones WS, et al. Amer J Obstet Gynec 104:909-14, 15 Jul 69
Thyroid function in human pregnancy. V. Incidence of maternal serum low butanol-extractable iodines and of normal gestational TBG and TBPA capacities; retardation of 8-month-old infants. Man EB, et al.
Amer J Obstet Gynec 104:898-908, 15 Jul 69
Carcinoma in solitary thyroid nodules. Kambal A.
Brit J Surg 56:434-6, Jun 69
Dissociation between changes in urinary total hydroxyproline and plasma alkaline phosphatase after removal of parathyroid tumour. Smith R.
Clin Chim Acta 23:421-6, Mar 69
Management of thyrotoxicosis in pregnancy. Value of serial protein-bound iodine and hamolski tests. Kaori M, et al. Israel J Med Sci 5:43-8, Jan-Feb 69
Sporadic cretinism and juvenile hypothyroidism. Ahuja MM, et al. Metabolism 18:488-96, Jun 69

Pathophysiological aspects on surgical treatment of thyroid disease. Heimann P.
Progr Surg 7:1-55, 1969 (370 ref.)
[By the authority of the Commission de Thérapeutique. On the subject of treatment of obesity by a combination of amphetamine and desiccated thyroid gland] Laroche G.
Bull Acad Nat Med (Paris) 153:34-6, 1969 **(Fre)**
[Prevention of recurrence following surgery of benign thyroid diseases] Röher HD, et al.
Hippokrates 39:188-91, 15 Mar 68 **(Ger)**
[Treatment of hyperthyroidism] Scheurlen PG.
Landarzt 43:951-5, 20 Jul 67 **(Ger)**
[Problems of the prophylaxis of goiter-recurrence with drugs] Steiner H, et al.
Munchen Med Wschr 111:569-71, 7 Mar 69 **(Ger)**
[Thyroid gland hormones and thyreotropin. 10] Götz HG. **Pharm Prax** 7:204-8, 1967 (83 ref.) **(Ger)**
[Polygraphic cardiological evaluation of patients with thyroid diseases before and after therapy] Bonavita E, et al. **Endocr Sci Cost** 30:264-81, Apr 69 **(Ita)**
[Changes induced by hormone therapy on electroencephalographic tracings of hypothyroid subjects] Zammarchi E, et al.
Riv Clin Pediat 80:628-37, Dec 67 **(Ita)**
[Problem of the treatment of goiter in children] Bittel-Dobrzyńska N, et al.
Pol Tyg Lek 24:229-31, 18 Feb 69 **(Pol)**
[Advantages and disadvantages of radioactive iodine in the treatment of hyperthyroidism] Gąsiorowski W.
Pol Tyg Lek 24:535-7, Apr 69 (14 ref.) **(Pol)**

THYRONINE

Pyridine coenzymes. VII. Catalysis of the hydration of the reduced form by iodoaromatic compounds. Schreier S, et al.
Biochemistry (Wash) 8:2140-5, May 69
[On a method for the determination of free, dialyzable thyroxine in blood] Herrmann J, et al.
Clin Chim Acta 24:457-66, Jun 69 **(Ger)**

BLOOD

[Determination of the so-called "free" serum triiodothyronine content by gel filtration and its diagnostic use] Gyertyánfy G, et al.
Orv Hetil 110:1426-8, 22 Jun 69 **(Hun)**

CHEMICAL SYNTHESIS

Thyroxine analogs. XVII. 3,5-Di(ethylthio)- and 3,5-di(phenylthio)-dl-thyronines and their 3'-isopropyl analogs. Jorgensen EC, et al.
J Med Chem 12:689-91, Jul 69

PHARMACODYNAMICS

Thyroxine analogs. XVII. 3,5-Di(ethylthio)- and 3,5-di(phenylthio)-dl-thyronines and their 3'-isopropyl analogs. Jorgensen EC, et al.
J Med Chem 12:689-91, Jul 69
[Preliminary studies on the effect of certain thyroid hormone preparations on the estrus cycle in rats] Brunori de Luca I, et al.
Riv Ital Ginec 51:719-25, Nov 67 **(Ita)**

THYROXINE

Studies of a biochemical lesion in experimental tuberculosis in mice. XI. Mitochondrial swelling induced by cord factor in vitro. Kato M.
Amer Rev Resp Dis 100:47-53, Jul 69
Studies with purified pig thyroglobulin and thyroid enzymes. Dopheide TA, et al.
Biochim Biophys Acta 181:105-15, May 69
The interaction of thyroxine with human plasma prealbumin and with the prealbumin-retinol-binding protein complex. Raz A, et al.
J Biol Chem 244:3230-7, 25 Jun 69

ADMINISTRATION & DOSAGE

Depression of thyrotropin releasing factor induction of thyrotropin release by throxine in small doses. Averill RL. **Endocrinology** 85:67-71, Jul 69
Species differences in the alteration of drug-metabolizing activities of liver microsomes by thyroxine treatment. Kato R, et al.
Jap J Pharmacol 19:5-18, Mar 69
[Radioimmunoassay of thyrotropin (TSH) in human plasma] Freychet P, et al.
Presse Med 77:13-6, 4 Jan 69 **(Fre)**
[Unchecked thyroid insufficiencies] Luton JP.
Presse Med 77:1105-6, 25 Jun 69 **(Fre)**
[Thyroid gland therapy with novothyral] Foldenauer A, et al. **Med Klin** 64:973-5, 23 May 69 **(Ger)**

ANALYSIS

Effect of lesions in the globus pallidus upon thyroid function. Cheifetz PN. **J Endocr** 43:36-7, Jan 69

BIOSYNTHESIS

Enzymic pathway for thyroxine synthesis through p-hydroxy-3,5-diiodophenylpyruvic acid. Blasi F, et al.
Endocrinology 85:542-51, Sep 69
Effect of thyrotopin and the iodine content of the thyroid on the triiodothyronine: thyroxine ration of newly synthesized iodothyronines. Greer MA, et al.
Endocrinology 85:244-50, Aug 69
Thyroidal dysfunction during simulated altitude conditions. Mulvey PF Jr, et al.
Fed Proc 28:1243-6, May-Jun 69

BLOOD

Determination of free thyroxine in blood serum. Griffin EE, et al. **Alabama J Med Sci** 6:145-8, Apr 69
Diazepam (Valium) and thyroid function: a double-blind, placebo controlled study in normal volunteers showing no drug effect. Mazzaferri EL, et al. **Amer J Med Sci** 257:388-94, Jun 69
Determination of total serum thyroxine in the dog by competitive protein binding of labeled thyroxine. Kalifelz FA. **Amer J Vet Res** 30:929-32, Jun 69
Iodine disinfection of water. Thomas WC Jr, et al.
Arch Environ Health (Chicago) 19:124-8, Jul 69
Effect of methoxyflurane anaesthesia on thyroid function in man. Oyama T, et al.
Canad Anaesth Soc J 16:204-8, May 69
Specific binding radioassay of serum thyroxine. Nobel S, et al. **Clin Chem** 15:509-20, Jun 69
Thyroxine metabolism and thyroid function in the cold-adapted rat. Galton VA, et al.
Endocrinology 85:79-86, Jul 69
Importance of thyroid hormones in bone metabolism and calcium homeostasis. Jowsey J, et al.
Endocrinology 85:87-95, Jul 69
Effects of clofibrate (Atromid S) on the thyroxine-binding capacity of thyroxine-binding globulin and free thyroxine. McKerron CG, et al.
J Clin Endocr 29:957-61, Jul 69
A simplified method for estimating free-thyroxine fraction in serum. Cavalieri RR, et al.
J Nucl Med 10:565-70, Sep 69
Determination of serum thyroxine by saturation analysis of thyroxine binding proteins. Cuarón A.
J Nucl Med 10:532-9, Aug 69
Comparison of radioisotopic and column chromatographic assay of serum thyroxine. Kaihara S, et al. **J Nucl Med** 10:281-3, Jun 69
Determination of hormonal radioiodine in serum with a cation exchange resin. Wiener JD, et al.
J Nucl Med 9:601-3, Dec 68
[On the effect of desoxycorticosterone glycoside on thyroid function] Gólián-Bartha K.
Acta Med Acad Sci Hung 25:121-6, 1968 **(Ger)**
[On a method for the determination of free, dialyzable thyroxine in blood] Herrmann J, et al.
Clin Chim Acta 24:457-66, Jun 69 **(Ger)**
[Diagnostic value of the triiodothyronine test] Scriba PC. **Deutsch Med Wschr** 94:1455-6, 11 Jul 69 **(Ger)**
[Thyroxine-binding beta globulins during a subacute thyroiditis] Bekier A.
Nuclearmedizin 8:75-82, 15 Apr 69 **(Ger)**
[Thyroid function tests] Iino S, et al.
Jap J Clin Med 27:265-71, Feb 69 (32 ref.) **(Jap)**
[Thyroxine] Miyai K, et al.
Jap J Clin Med 27:373-7, Feb 69 **(Jap)**
[Hyperthyroidism] Bischof B.
Folia Clin Int (Barc) 17:427-33 contd, Sep 67 **(Spa)**

METABOLISM

Drugs and enzyme induction. Kuntzman R.
Ann Rev Pharmacol 9:21-36, 1969 (109 ref.)
Thyroxine metabolism and thyroid function in the

cold-adapted rat. Galton VA, et al. **Endocrinology** 85:79-86, Jul 69

The release of thyroxine from serum protein in the vessels of the liver. Hillier AP. **J Physiol (London)** 203:419-34, Aug 69

[The thyroid gland and aging in man] Feit V. **Cas Lek Cesk** 108:857-60, Jul 69 **(Cze)**

[The thyroid and calcium metabolism] Arvy L. **J Physiol (Paris)** 60:405-48, Sep-Oct 68 (210 ref.) **(Fre)**

[The endocrinology of puberty and adolescence. Thyroid hormone] Nakajima H, et al. **Clin Endocr (Tokyo)** 17:87-94, Feb 69 (36 ref.) **(Jap)**

PHARMACODYNAMICS

Experimental studies on thyroid-adrenal interrelationships in rats. Johansson H, et al. **Acta Chir Scand** 134:99-102, 1968

The metabolic significance of thyroxine-binding globulin. Studies in a family with decreased thyroxine-binding globulin. Bayley TA, et al. **Acta Endocr (Kobenhavn)** 61:137-50, May 69

Effect of exogenous thyroxine on 3H-thymidine uptake in mouse pituitary gland. Messier B. **Acta Endocr (Kobenhavn)** 61:133-6, May 69

Species differences in the albumin binding of 2,4,6-trinitrobenzaldehyde, chlorophenoxyacetic acids, 2-(4'-hydroxybenzeneazo)benzoic acid and some other acidic drugs--the unique behavior of rat plasma albumin. Witiak DT, et al. **Biochem Pharmacol** 18:971-7, May 69

Subunit structure of hog thyroglobulin: dissociation of noniodinated and highly iodinated preparations. Tarutani O, et al. **Biochim Biophys Acta** 181:136-45, May 69

Effect of growth hormone and thyroxinon isometric contractile mechanics of cardiac muscle. Minelli R, et al. **Canad J Physiol Pharmacol** 47:545-52, Jun 69

Effect of feeding amino azo dyes on mitochondrial swelling and contraction. Kinetic evidence for deletion of membrane regulatory sites. Arcos JC, et al. **Cancer Res** 29:1288-97, Jun 69

Depression of thyrotropin releasing factor induction of thyrotropin release by throxine in small doses. Averill RL. **Endocrinology** 85:67-71, Jul 69

Stimulation of thyroid hyperplasia and protein synthesis by LATS. Ochi Y, et al. **Endocrinology** 85:344-7, Aug 69

Diet and cold resistance. Heroux O. **Fed Proc** 28:955-9, May-Jun 69

An interrelationship between theophylline and catecholamines in the hypothyroid rat acutely exposed to cold. Lutherer LO, et al. **Fed Proc** 28:1238-42, May-Jun 69

Thyroxine and catecholamines during cold exposure in dogs. Tanche M, et al. **Fed Proc** 28:1257-61, May-Jun 69

Action of hormones on seasonal changes of pelage in the vole. al-Khateeb A, et al. **J Endocr** 43:43-4, Jan 69

Effects of thyroidectomy or thyroxine on testicular tissue metabolism. Massie ED, et al. **J Reprod Fertil** 18:173-4, Feb 69

Reproductive physiology of the post partum cow. I. Clinical and histological findings. Wagner WC, et al. **J Reprod Fertil** 18:493-500, Apr 69

Reproductive physiology of the post partum cow. II. Pituitary, adrenal and thyroid function. Wagner WC, et al. **J Reprod Fertil** 18:501-8, Apr 69

Effect of phenobarbital on the activities of drug-metabolizing enzymes and electron transport system of liver microsomes in alloxan diabetes and thyroxine treated rats. Kato R, et al. **Jap J Pharmacol** 19:45-52, Mar 69

Differences in the oxidative metabolism of drugs by liver microsomes. Kato R, et al. **Jap J Pharmacol** 19:53-62, Mar 69

Reversibility of the thyroxine effect on rat liver glutamic-pyruvic transaminase and serine dehydrase by dietary supplementation of vitamin B6. Szepesi B, et al. **Life Sci** 8:353-5, 15 Apr 69

Effects of thyroxine and thiouracil on hypothalamic PIF and pituitary prolactin levels. Chen CL, et al. **Proc Soc Exp Biol Med** 131:576-8, Jun 69

Thyroxine-enhanced susceptibility of mice to Klebsiella pneumoniae. Martin LG, et al. **Proc Soc Exp Biol Med** 131:824-7, Jul 69

The effect of hormones on hepatic cholesterol ester synthesis in vitro. Schweppe JS, et al. **Proc Soc Exp Biol Med** 131:868-70, Jul 69

Hormonal regulation of nucleic acid and protein synthesis. O'Malley BW. **Trans NY Acad Sci** 31:478-503, May 69

[Anomalies of testosterone binding affinity in the serum of thyrotoxic subjects and in idiopathic pilar virilism. Increase in binding affinity after administration of thyroid hormones in subjects with normal or low affinity] Dray F, et al. **Ann Endocr (Paris)** 30:Suppl:223-32, 1969 **(Fre)**

[Influence of 2-thiouracil and thiamazole on the activity of rat liver L-alpha-glycerophosphate oxidase as a function of L-thyroxine, L-3',3,5-triiodothyronine and L-3'-isopropyl-3,5-diiodothyronine] Seif FJ, et al. **Acta Endocr (Kobenhavn)** 60:696-704, Apr 69 **(Ger)**

[Metamorphosis in Xenopus larvae following short-term management with thyroxine] Rich K, et al. **Rev Suisse Zool** 75:650-60, Sep 68 **(Ger)**

[Preliminary studies on the effect of certain thyroid hormone preparations on the estrus cycle in rats] Brunori de Luca I, et al. **Riv Ital Ginec** 51:719-25, Nov 67 **(Ita)**

PHYSIOLOGY

Importance of thyroid hormones in bone metabolism and calcium homeostasis. Jowsey J, et al. **Endocrinology** 85:87-95, Jul 69

[Pathophysiological mechanisms in hypotension caused by endocrine disorders] Lutomirsky C. **Praxis** 58:791-801, 24 Jun 69 **(Ger)**

SECRETION

Studies on the iodine metabolism of the thyroid gland as revealed by electron microscopic autoradiography of 125I. Fujita H. **Virchow Arch [Zellpath]** 2:265-79, 1969

[Rheumatoid arthritis and thyroid hormones] Krzymień H, et al. **Reumatologia (Warsz)** 7:31-7, 1969 **(Pol)**

THERAPEUTIC USE

Effect of triiodothyronine administration on serum PBI in hypothyroid patients maintained on constant doses of thyroxine. Farmer TA Jr, et al. **J Clin Endocr** 29:781-5, Jun 69

Hypopituitarism with paranoid psychosis: a description of two cases. Dissanayake SA, et al. **J Neurol Neurosurg Psychiat** 32:233-5, Jun 69

Later results of 131-I treatment of hyperthyroidism in 73 children and adolescents: 1967 followup. Starr P, et al. **J Nucl Med** 10:586-90, Sep 69

[Experimental studies on the character and modification of endocrine orbitopathy] Dardenne MU. **Ber Deutsch Ophth Ges** 68:234-9, 1968 **(Ger)**

[Thyroid gland therapy with novothyral] Foldenauer A, et al. **Med Klin** 64:973-5, 23 May 69 **(Ger)**

[Thyroid gland hormones and thyreotropin. 10] Götz HG. **Pharm Prax** 7:204-8, 1967 (83 ref.) **(Ger)**

TRIIODOTHYRONINE

Diazepam (Valium) and thyroid function: a double-blind, placebo controlled study in normal volunteers showing no drug effect. Mazzaferri EL, et al. **Amer J Med Sci** 257:388-94, Jun 69

Determination of total serum thyroxine in the dog by competitive protein binding of labeled thyroxine. Kalifelz FA. **Amer J Vet Res** 30:929-32, Jun 69

[On a method for the determination of free, dialyzable thyroxine in blood] Herrmann J, et al. **Clin Chim Acta** 24:457-66, Jun 69 **(Ger)**

ADMINISTRATION & DOSAGE

The effects of L-triiodothyronine on the self-selected circadian rhythm of rest and activity in the canary. Wahlström G. **Acta Physiol Scand** 75:199-212, Jan-Feb 69

[Radioimmunoassay of thyrotropin (TSH) in human plasma] Freychet P, et al. **Presse Med** 77:13-6, 4 Jan 69 **(Fre)**

[Unchecked thyroid insufficiencies] Luton JP. **Presse Med** 77:1105-6, 25 Jun 69 **(Fre)**

[Thyroid gland therapy with novothyral] Foldenauer A, et al. **Med Klin** 64:973-5, 23 May 69 **(Ger)**

ANALYSIS

[On preoperative and postoperative treatment of

severe hyperthyroidism using propranolol] Höfer R, et al. **Wien Med Wschr** 119:89-94, 1 Feb 69 (Ger)

BIOSYNTHESIS

Effect of thyrotopin and the iodine content of the thyroid on the triiodothyronine: thyroxine ration of newly synthesized iodothyronines. Greer MA, et al. **Endocrinology** 85:244-50, Aug 69

BLOOD

Effect of methoxyflurane anaesthesia on thyroid function in man. Oyama T, et al.
Canad Anaesth Soc J 16:204-8, May 69

Determination of hormonal radioiodine in serum with a cation exchange resin. Wiener JD, et al.
J Nucl Med 9:601-3, Dec 68

Survey of T3 methods of thyroid function. Pain RW, et al. **Techn Bull Regist Med Techn** 39:139-41, Jun 69

[On the effect of desoxycorticosterone glycoside on thyroid function] Gólián-Bartha K.
Acta Med Acad Sci Hung 25:121-6, 1968 (Ger)

[Diagnostic value of the triiodothyronine test] Scriba PC. **Deutsch Med Wschr** 94:1455-6, 11 Jul 69 (Ger)

[Thyroxine-binding beta globulins during a subacute thyroiditis] Bekier A.
Nuclearmedizin 8:75-82, 15 Apr 69 (Ger)

[Thyroid function tests] Iino S, et al.
Jap J Clin Med 27:265-71, Feb 69 (32 ref.) (Jap)

DIAGNOSTIC USE

Management of thyrotoxicosis in pregnancy. Value of serial protein-bound iodine and hamolski tests. Kaori M, et al. **Israel J Med Sci** 5:43-8, Jan-Feb 69

[Evolution of iodine uptake, PBI-131, PBI-127 and clinical symptoms following administration of triiodothyronine to subjects with hyperthyroidism caused by diffuse thyroid hyperplasia. Role of the lymphatic system and LATS in the effect of Graves disease stimulation] Mahaux JE, et al.
Ann Endocr (Paris) 29:483-95, Jul-Aug 68 (Fre)

[Diagnostic value of the triiodothyronine test] Scriba PC. **Deutsch Med Wschr** 94:1455-6, 11 Jul 69 (Ger)

[Improved method of the I-131 triiodothyronine test] Ganster H, et al. **Med Welt** 5:286-7, 1 Feb 69 (Ger)

METABOLISM

The release of thyroxine from serum protein in the vessels of the liver. Hillier AP.
J Physiol (London) 203:419-34, Aug 69

Thyroid testing during drug administration. Myhill J.
Med J Aust 1:422-4, 22 Feb 69

PHARMACODYNAMICS

The metabolic significance of thyroxine-binding globulin. Studies in a family with decreased thyroxine-binding globulin. Bayley TA, et al.
Acta Endocr (Kobenhavn) 61:137-50, May 69

The effects of L-triiodothyronine on the self-selected circadian rhythm of rest and activity in the canary. Wahlström G.
Acta Physiol Scand 75:199-212, Jan-Feb 69

A modified bioassay for the long-acting thyroid stimulator (LATS). Furth ED, et al.
Endocrinology 85:592-3, Sep 69

Studies on the effect of thyroid hormones on cytochrome-linked L-alpha-glycerophosphate dehydrogenase of the mouse. Lee YP, et al.
Endocrinology 85:251-8, Aug 69

Effect of diet and triiodothyronine on the activity of sn-glycerol-3-phosphate dehydrogenase and on the metabolism of glucose and pyruvate by adipose tissue of obese patients. Bray GA.
J Clin Invest 48:1413-22, Aug 69

Diminished responsiveness to thyroid hormone in riboflavin-deficient rats. Rivlin RS, et al.
Nature (London) 223:516-7, 2 Aug 69

Stimulation of p-aminohippurate transport by slices of rat renal cortex following in vivo administration of triiodothyronine. Hirsch GH, et al.
Proc Soc Exp Biol Med 131:513-7, Jun 69

Studies on the thyrotropin-releasing hormone (TRH) activity in peripheral blood. Redding TW, et al.
Proc Soc Exp Biol Med 131:420-5, Jun 69

Studies on the inactivation of thyrotropin-releasing hormone (TRH). Redding TW, et al.
Proc Soc Exp Biol Med 131:415-20, Jun 69

[Anomalies of testosterone binding affinity in the serum of thyrotoxic subjects and in idiopathic pilar virilism. Increase in binding affinity after administration of thyroid hormones in subjects with normal or low affinity] Dray F, et al.
Ann Endocr (Paris) 30:Suppl:223-32, 1969 (Fre)

[Influence of 2-thiouracil and thiamazole on the activity of rat liver L-alpha-glycerophosphate oxidase as a function of L-thyroxine, L-3',3,5-triiodothyronine and L-3'-isopropyl-3,5-diiodothyronine] Seif FJ, et al.
Acta Endocr (Kobenhavn) 60:696-704, Apr 69 (Ger)

SECRETION

Studies on the iodine metabolism of the thyroid gland as revealed by electron microscopic autoradiography of 125I. Fujita H.
Virchow Arch [Zellpath] 2:265-79, 1969

THERAPEUTIC USE

Effect of triiodothyronine administration on serum PBI in hypothyroid patients maintained on constant doses of thyroxine. Farmer TA Jr, et al.
J Clin Endocr 29:781-5, Jun 69

The effects of L-triiodothyronine on the fatty acid composition of adipose tissue and on some metabolic parametres of obese individuals. Rabinowitz JL, et al.
Pol Arch Med Wewnet 42:497-505, 1969

[Thyroid gland therapy with novothyral] Foidenauer A, et al. **Med Klin** 64:973-5, 23 May 69 (Ger)

[Problems of the prophylaxis of goiter-recurrence with drugs] Steiner H, et al.
Munchen Med Wschr 111:569-71, 7 Mar 69 (Ger)

[Thyroid gland hormones and thyreotropin. 10] Götz HG. **Pharm Prax** 7:204-8, 1967 (83 ref.) (Ger)

[On the problem of recurrence in operated juvenile strumas] Stoltze D, et al.
Z Aerztl Fortbild (Jena) 62:1217-21, 15 Nov 68 (Ger)

IV. Thyroid Antagonists and Inhibitors

CARBIMAZOLE

ADVERSE EFFECTS

Acute iatrogenic hypothyroid psychosis. Herridge CF, et al. **Brit Med J 3:154, 19 Jul 69**

PHARMACODYNAMICS

Thyroid testing during drug administration. Myhill J. **Med J Aust 1:422-4, 22 Feb 69**

THERAPEUTIC USE

Prediction of the long-term results of antithyroid drug therapy for thyrotoxicosis. Hales I, et al. **J Clin Endocr 29:998-1001, Jul 69**

[Antithyroid agents. 15] Götz HG. **Pharm Prax 9:258-64, 1967 (113 ref.) (Ger)**

METHIMAZOLE

PHARMACODYNAMICS

[Influence of 2-thiouracil and thiamazole on the activity of rat liver L-alpha-glycerophosphate oxidase as a function of L-thyroxine, L-3',3,5-triiodothyronine and L-3'-isopropyl-3,5-diiodothyronine] Self FJ, et al. **Acta Endocr (Kobenhavn) 60:696-704, Apr 69 (Ger)**

THERAPEUTIC USE

Thyroid crisis: diagnosis and treatment. Nelson NC, et al. **Ann Surg 170:263-73, Aug 69**

[Evolution of iodine uptake, PBI-131, PBI-127 and clinical symptoms following administration of triiodothyronine to subjects with hyperthyroidism caused by diffuse thyroid hyperplasia. Role of the lymphatic system and LATS in the effect of Graves disease stimulation] Mahaux JE, et al. **Ann Endocr (Paris) 29:483-95, Jul-Aug 68 (Fre)**

METHYLTHIOURACIL

PHARMACODYNAMICS

Subunit structure of hog thyroglobulin: dissociation of noniodinated and highly iodinated preparations. Tarutani O, et al. **Biochim Biophys Acta 181:136-45, May 69**

[Relation between specific weight and water content of meats from immature animals or those treated with thyrostatic drugs] Giannotti D. **Minerva Med 60:1530-1, 18 Apr 69 (Ita)**

[Bioelectrical activity in the rat brain after injection of thyroidine and 6-methylthiouracile under stress and adrenalectomy] Malyshenko IM. **Fiziol Zh SSSR Sechenov 54:176-81, Feb 68 (Rus)**

THERAPEUTIC USE

[Antithyroid agents. 15] Götz HG. **Pharm Prax 9:258-64, 1967 (113 ref.) (Ger)**

[Rheumatoid arthritis and thyroid hormones] Krzymień H, et al. **Reumatologia (Warsz) 7:31-7, 1969 (Pol)**

PROPYLTHIOURACIL

Ultrastructural changes in the adenohypophysis of hypothyroid rabbits. Foster CL, et al. **J Endocr 44:273-7, Jun 69**

Thyroxine-enhanced susceptibility of mice to Klebsiella pneumoniae. Martin LG, et al. **Proc Soc Exp Biol Med 131:824-7, Jul 69**

ADMINISTRATION & DOSAGE

The methyl xanthines--a new class of goitrogens. Wolff J, et al. **Endocrinology 85:410-4, Sep 69**

PHARMACODYNAMICS

Experimental studies on thyroid-adrenal interrelationships in rats. Johansson H, et al. **Acta Chir Scand 134:99-102, 1968**

Effect of N-propyl thiouracil on muscle. Jacobson AL, et al. **Arch Biochem 131:327-35, May 69**

The kinetics of the inhibition of thyroidal iodide accumulation by thiocyanate: a reexamination. Scranton JR, et al. **Endocrinology 85:603-7, Sep 69**

The effect of propylthiouracil and 131-I on rat thyroid chromosomes. Speight JW, et al. **J Endocr 42:267-75, Oct 68**

Thyroid testing during drug administration. Myhill J. **Med J Aust 1:422-4, 22 Feb 69**

Hypothalamic neurosecretion and metamorphosis in Xenopus laevis. 3. The effect of an interruption of thyroid hormone synthesis. Goos HJ. **Z Zellforsch 92:583-7, 1968**

THERAPEUTIC USE

Edema of the optic disc in hyperthyroidism without exophathalmos. A fluorescein angiographic study of its resolution. Bettman JW Jr, et al. **Amer J Ophthal 66:714-9, Oct 68**

Thyroid crisis: diagnosis and treatment. Nelson NC, et al. **Ann Surg 170:263-73, Aug 69**

Prediction of the long-term results of antithyroid drug therapy for thyrotoxicosis. Hales I, et al. **J Clin Endocr 29:998-1001, Jul 69**

THIOURACIL

Two different types of goitrogen blockage: their importance in the neural control of the thyroid gland. Voloschin LM, et al. **Acta Physiol Lat Amer 17:234-46, 1967**

Position of uridine thiation: the identification of minor nucleosides from transfer RNA by mass spectrometry. Hecht SM, et al. **Biochim Biophys Acta 182:444-8, 17 Jun 69**

Studies on 5-fluorouracil-containing RNA. II. Gross reduction of 4-thiouracil in fluorouracil-containing tRNA from Escherichia coli. Kaiser II. **Biochim Biophys Acta 182:449-53, 17 Jun 69**

PHARMACODYNAMICS

Studies on the enzymic formation of di-iodotyrosine by a microsomal preparation of goat submaxillary gland. Hati RN, et al. **J Endocr 44:177-85, Jun 69**

Synthesis and biological activity of certain 8-mercaptopurine and 6-mercaptopyrimidine S-nucleosides. Shuman DA, et al. **J Med Chem 12:653-7, Jul 69**

Effects of thyroxine and thiouracil on hypothalamic PIF and pituitary prolactin levels. Chen CL, et al. **Proc Soc Exp Biol Med 131:576-8, Jun 69**

[The thyroid and calcium metabolism] Arvy L. **J Physiol (Paris) 60:405-48, Sep-Oct 68 (210 ref.) (Fre)**

[Influence of 2-thiouracil and thiamazole on the activity of rat liver L-alpha-glycerophosphate oxidase as a function of L-thyroxine, L-3',3,5-triiodothyronine and L-3'-isopropyl-3,5-diiodothyronine] Self FJ, et al. **Acta Endocr (Kobenhavn) 60:696-704, Apr 69 (Ger)**

THERAPEUTIC USE

[Antithyroid agents. 15] Götz HG. **Pharm Prax 9:258-64, 1967 (113 ref.) (Ger)**

THYROID ANTAGONISTS

The methyl xanthines--a new class of goitrogens. Wolff J, et al. **Endocrinology 85:410-4, Sep 69**

ADVERSE EFFECTS

Acute iatrogenic hypothyroid psychosis. Herridge CF, et al. Brit Med J 3:154, 19 Jul 69

ANALYSIS

Studies on the transfer of thio-oxazolidone-type goitrogens into cow's milk in goitre endemic districts of Finland and in experimental conditions. Arstila A, et al. Acta Endocr (Kobenhavn) 60:712-8, Apr 69

[Spectrophotometric determination of dibazol and mercazolyl] Shakh TsI, et al. Farm Zh (Kiev) 23:28-36, 1968 (Ukr)

PHARMACODYNAMICS

An interrelationship between theophylline and catecholamines in the hypothyroid rat acutely exposed to cold. Lutherer LO, et al. Fed Proc 28:1238-42, May-Jun 69

Thyroid testing during drug administration. Myhill J. Med J Aust 1:422-4, 22 Feb 69

Some pyrimidines of biological and medicinal interest. I. Cheng CC. Progr Med Chem 6:67-134, 1969 (850 ref.)

[Influence of 2-thiouracil and thiamazole on the activity of rat liver L-alpha-glycerophosphate oxidase as a function of L-thyroxine, L-3',3,5-triiodothyronine and L-3'-isopropyl-3,5-diiodothyronine] Seif FJ, et al. Acta Endocr (Kobenhavn) 60:696-704, Apr 69 (Ger)

THERAPEUTIC USE

Thyrotoxicosis. Lange MJ. Brit J Clin Pract 23:241-3, Jun 69

Results of treatment of thyrotoxicosis after postoperative relapse. McLarty DG, et al. Brit Med J 3:200-3, 26 Jul 69

Results of treatment of thyrotoxicosis following relapse after antithyroid drug therapy. McLarty DG, et al. Brit Med J 3:203-5, 26 Jul 69

Management of thyrotoxicosis in pregnancy. Value of serial protein-bound iodine and hamolski tests. Kaori M, et al. Israel J Med Sci 5:43-8, Jan-Feb 69

Prediction of the long-term results of antithyroid drug therapy for thyrotoxicosis. Hales I, et al. J Clin Endocr 29:998-1001, Jul 69

Treatment of toxic diffuse goiter. Stanbury JB. Postgrad Med 46:137-9, Jul 69

Pathophysiological aspects on surgical treatment of thyroid disease. Heimann P. Progr Surg 7:1-55, 1969 (370 ref.)

Tricyanoaminopropene (TCAP): lace of improvement of mentation in mentally retarded children. Panzer JD, et al. Psychosomatics 10:136-40, Mar-Apr 69

[Addison's disease and thyrotoxic crisis] Couturier E, et al. Presse Med 77:515-6, 22 Mar 69 (Fre)

[Treatment of hyperthyroidism] Scheurlen PG. Landarzt 43:951-5, 20 Jul 67 (Ger)

[Antithyroid agents. 15] Götz HG. Pharm Prax 9:258-64, 1967 (113 ref.) (Ger)

[Polygraphic cardiological evaluation of patients with thyroid diseases before and after therapy] Bonavita E, et al. Endocr Sci Cost 30:264-81, Apr 69 (Ita)

[Anuria for 42 days without dialysis] Holm J, et al. Nord Med 81:599-600, 8 May 69 (Swe)

V. Related Topics

EXOPHTHALMOS

[Pulsating exophthalmos. (Collective review)] Kubík J. Cesk Oftal 25:177-84, May 69 (48 ref.) (Cze)
[Detection of exophthalmus producing factor (EPF) in hyperthyroidism and its sensitization by carticotropin] Weisbecker L, et al. Schweiz Med Wschr 99:450-2, 29 Mar 69 (Ger)

BLOOD

[Experimental studies on the character and modification of endocrine orbitopathy] Dardenne MU. Ber Deutsch Ophth Ges 68:234-9, 1968 (Ger)

CHEMICALLY INDUCED

The development of the granuloma of histoplasmosis. Berry CL. J Path 97:1-10, Jan 69

CLASSIFICATION

Classification of the eye changes of Grave's disease. Werner SC. J Clin Endocr 29:982-4, Jul 69

COMPLICATIONS

Anterior orbital meningoencephalocele. Chohan BS, et al. Amer J Ophthal 68:144-6, Jul 69
[4 atypical cases of primary carcinoma of the liver] Sankalé M, et al. Sem Hop Paris 45:301-8, 26 Jan 69 (Fre)

DIAGNOSIS

Edema of the optic disc in hyperthyroidism without exophathalmos. A fluorescein angiographic study of its resolution. Bettman JW Jr, et al. Amer J Ophthal 66:714-9, Oct 68
Ocular symptoms of brain tumors. Huber A. Int Ophthal Clin 8:375-407, Summer 68
An instrument for measuring ocular displacement: the ocular topometer. Watson PG. Trans Ophthal Soc UK 87:409-30, 1967
[Pulsating exophthalmos. (Collective review)] Kubík J. Cesk Oftal 25:177-84, May 69 (48 ref.) (Cze)
[Experimental studies on the character and modification of endocrine orbitopathy] Dardenne MU. Ber Deutsch Ophth Ges 68:234-9, 1968 (Ger)
[Electromyography in neurogenic and pseudoneurogenic motor disorders of the eye. II. Pseudoneurogenic disorders] Wójtowicz S. Klin Oczna 39:31-5, 1969 (Pol)

DRUG THERAPY

[Experimental studies on the character and modification of endocrine orbitopathy] Dardenne MU. Ber Deutsch Ophth Ges 68:234-9, 1968 (Ger)
[Problem of the treatment of orbital hemangiomas] Uher M, et al. Klin Oczna 39:55-61, 1969 (Pol)

ETIOLOGY

Ptosis and proptosis following Valsalva maneuver. Chadduck WM, et al. Aerospace Med 40:670-1, Jun 69
Anterior orbital meningoencephalocele. Chohan BS, et al. Amer J Ophthal 68:144-6, Jul 69
Ocular findings in hereditary diaphyseal cysplasia (Engelmann's disease). Morse PH, et al. Amer J Ophthal 68:100-4, Jul 69
"Truth in packaging". Pinco RG. J Amer Pharm Ass 9:248 passim, Jun 69
Traumatic orbital pseudo-meningocele. Case report. Bhandari YS. J Neurosurg 30:612-4, May 69
Experience on orbito-pneumotomography. Amemiya T, et al. Ophthalmologica (Basel) 157:462-72, 1969
Surgical treatment of optic nerve tumors. Wadsworth JA. Southern Med J 62:871-4, Jul 69
Fibrous dysplasia of the orbit. Moore RT. Survey Ophthal 13:321-34, May 69 (26 ref.)
Surgical problems in dysthyroid eye disease. Freedman A, et al. Trans Ophthal Soc UK 87:431-45, 1967
Radiological signs in proptosis. Lloyd GA. Trans Ophthal Soc UK 87:375-83, 1967
An instrument for measuring ocular displacement: the ocular topometer. Watson PG. Trans Ophthal Soc UK 87:409-30, 1967
Exophthalmus caused by thyroid tissue in the choroid layer of the eye in Coris galmard. Schubert G. Wildlife Dis 5:113, Apr 69
[Pulsating exophthalmos. (Collective review)] Kubík J. Cesk Oftal 25:177-84, May 69 (48 ref.) (Cze)
[Tumoral exophthalmos] François J. Ann Oculist (Paris) 202:57-62, Jan 69 (Fre)
[Apert's syndrome. Problems of ophthalmologic surgery which it poses] Rougier J, et al. Bull Soc Ophtal Franc 68:686-9, Jul-Aug 68 (Fre)
[Unusual retromaxillar cystic process] Hoppe W, et al. Stoma 22:84-8, May 69 (Ger)
[Cholesteatoma of the orbit (clinical contribution)] Silletti L. Ann Ottal 93:823-41, Aug 67 (Ita)
[Hyperthyroidism] Bischof B. Folia Clin Int (Barc) 17:427-33 contd, Sep 67 (Spa)

IMMUNOLOGY

Biologic studies on the relationship between thyroid stimulating and ophthalmotrophic activities. Pisarev MA, et al. Acta Physiol Lat Amer 17:182-8, 1967

PREVENTION & CONTROL

[New findings on the inhibition of experimental exophthalmos] Kemper F. Naunyn Schmiedeberg Arch Pharm Exp Path 260:151-2, 1968 (Ger)

RADIOGRAPHY

Experience on orbito-pneumotomography. Amemiya T, et al. Ophthalmologica (Basel) 157:462-72, 1969
Air and contrast orbital tomography. Hart CT. Trans Ophthal Soc UK 87:385-93, 1967
Radiological signs in proptosis. Lloyd GA. Trans Ophthal Soc UK 87:375-83, 1967

SURGERY

Trans-antral ethmoid decompression in malignant exophthalmos. Golding-Wood PH. J Laryng 83:683-94, Jul 69
Surgical problems in dysthyroid eye disease. Freedman A, et al. Trans Ophthal Soc UK 87:431-45, 1967
[Apert's syndrome. Problems of ophthalmologic surgery which it poses] Rougier J, et al. Bull Soc Ophtal Franc 68:686-9, Jul-Aug 68 (Fre)

THERAPY

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EXOPHTHALMOS PRODUCING SUBSTANCE

Biologic studies on the relationship between thyroid stimulating and ophthalmotrophic activities. Pisarev MA, et al. Acta Physiol Lat Amer 17:182-8, 1967
[Detection of exophthalmus producing factor (EPF) in hyperthyroidism and its sensitization by carticotropin] Weisbecker L, et al. Schweiz Med Wschr 99:450-2, 29 Mar 69 (Ger)

BLOOD

[Experimental studies on the character and

modification of endocrine orbitopathy] Dardenne MU. Ber Deutsch Ophth Ges 68:234-9, 1968 (Ger)

IODIDES

Molecular iodine as an obligate intermediate in the iodination of tyrosine by chloroperoxidase. Thomas JA, et al.
Biochem Biophys Res Commun 35:444-50, 22 May 69

ADVERSE EFFECTS

Iodide goiter and the pharmacologic effects of excess iodide. Wolff J. Amer J Med 47:101-24, Jul 69 (280 ref.)
The dangers of therapeutic agents used in the treatment of asthma. Dworetzky M.
Southern Med J 62:649-54, Jun 69

ANALYSIS

Effect of thyrotopin and the iodine content of the thyroid on the triiodothyronine: thyroxine ration of newly synthesized iodothyronines. Greer MA, et al.
Endocrinology 85:244-50, Aug 69
Dependence of protein-binding of iodide on concentration of thyroidal iodide in chickens. Newcomer WS. Endocrinology 85:231-5, Aug 69

BLOOD

Uptake of iodide by choroid plexus in vivo and location of the iodide pump. Coben LA.
Amer J Physiol 217:89-97, Jul 69
Theophylline and potassium iodide in the treatment of chronic asthma. Epstein N.
Ann Allerg 27:237-41, May 69
Dependence of protein-binding of iodide on concentration of thyroidal iodide in chickens. Newcomer WS. Endocrinology 85:231-5, Aug 69
Changing normal values for thyroidal radioiodine uptake. Pittman JA Jr, et al.
New Eng J Med 280:1431-4, 26 Jun 69

CEREBROSPINAL FLUID

Uptake of iodide by choroid plexus in vivo and location of the iodide pump. Coben LA.
Amer J Physiol 217:89-97, Jul 69

METABOLISM

The three-hour conversation ratio: a test for hyperthyroidism. Wiener JD.
Acta Endocr (Kobenhavn) 61:151-63, May 69
Transfer of iodide into amniotic fluid by the normal and the nephrectomized subhuman primate fetus. Reynolds WA, et al.
Amer J Obstet Gynec 104:633-41, 1 Jul 69
Uptake of iodide by choroid plexus in vivo and location of the iodide pump. Coben LA.
Amer J Physiol 217:89-97, Jul 69
Thyroxine metabolism and thyroid function in the cold-adapted rat. Galton VA, et al.
Endocrinology 85:79-86, Jul 69
Dependence of protein-binding of iodide on concentration of thyroidal iodide in chickens. Newcomer WS. Endocrinology 85:231-5, Aug 69
The kinetics of the inhibition of thyroidal iodide accumulation by thiocyanate: a reexamination. Scranton JR, et al. Endocrinology 85:603-7, Sep 69
Thyroid function in a family with the Pendred syndrome. Milutinovic PS, et al.
J Clin Endocr 29:962-9, Jul 69
Thyroid proteins in a goitrous cretin with iodide organification defect. Mouriz J, et al.
J Clin Endocr 29:942-7, Jul 69
Role of phospholipids in iodine binding. UCLA-12-686. Dhopeshwarkar GA, et al.
US AEC UCLA Sch Med Lab Nucl Med 5-6, 30 Jun 68

PHARMACODYNAMICS

Iodide goiter and the pharmacologic effects of excess iodide. Wolff J. Amer J Med 47:101-24, Jul 69 (280 ref.)
An analysis of technetium (99mTcO4-) kinetics: the effect of perchlorate and iodide pretreatment. Welch MJ, et al. Int J Appl Radiat 20:437-45, Jun 69
Halogen substituted derivatives of acetylcholine as inhibitors of choline acetyltransferase. Morris D, et al.
Life Sci 8:511-6, 15 May 69
Potentiation by an antagonist. Stephenson RP, et al.
Nature (London) 222:790-1, 24 May 69
Acetylcholine receptor: covalent attachment of depolarizing groups at the active site. Silman I, et al.
Science 164:1420-1, 20 Jun 69
[Sympathomimetic properties of diiodide derivatives of various hydroxyphenylalcoylamines on isolated artery preparation] Escousse A, et al.
J Physiol (Paris) 59:Suppl:235-6, 1967 (Fre)

SECRETION

Measurement of gastric emptying rate using 131-I-HSA. A methodological study in man. Brömster D, et al.
Scand J Gastroent 3:641-53, 1968

THERAPEUTIC USE

Thyroid crisis: diagnosis and treatment. Nelson NC, et al. Ann Surg 170:263-73, Aug 69

URINE

Thyroxine metabolism and thyroid function in the cold-adapted rat. Galton VA, et al.
Endocrinology 85:79-86, Jul 69

IODINE

The preparation of serum albumin for turnover studies. Cullen MP, et al. Arch Biochem 132:351-2, Jun 69
Iodine disinfection of water. Thomas WC Jr, et al.
Arch Environ Health (Chicago) 19:124-8, Jul 69
Molecular iodine as an obligate intermediate in the iodination of tyrosine by chloroperoxidase. Thomas JA, et al.
Biochem Biophys Res Commun 35:444-50, 22 May 69
Pyridine coenzymes. 8. Autoxidation of the reduced form catalyzed by 4-amino-2,6-diiodophenol. Araujo M da S, et al. Biochemistry (Wash) 8:2145-52, May 69
The oxidative cleavage of tyrosyl-peptide bonds during iodination. Junek H, et al.
Biochemistry (Wash) 8:1844-8, May 69
Substituted deuteroporphyrins. VI. Ligand-exchange and dimerization reactions of deuterohemins. Sadasivan N, et al.
Biochemistry (Wash) 8:534-41, Feb 69
Pyridine coenzymes. VII. Catalysis of the hydration of the reduced form by iodoaromatic compounds. Schreier S, et al.
Biochemistry (Wash) 8:2140-5, May 69
Iodine oxidation of the sulfhydryl groups of creatine kinase. Trundle D, et al.
Biochemistry (Wash) 8:1919-25, May 69
Subunit structure of hog thyroglobulin: dissociation of noniodinated and highly iodinated preparations. Tarutani O, et al.
Biochim Biophys Acta 181:136-45, May 69
The kinetics of the inhibition of thyroidal iodide accumulation by thiocyanate: a reexamination. Scranton JR, et al. Endocrinology 85:603-7, Sep 69
Factors in the iodination of histidine in proteins. Wolff J, et al. Europ J Biochem 9:371-7, Jun 69
Thyroid proteins in a goitrous cretin with iodide organification defect. Mouriz J, et al.
J Clin Endocr 29:942-7, Jul 69
[Purification of monoiodohistidine] Ishikawa N, et al.
J Pharm Soc Jap 89:283-5, Feb 69 (Jap)

ADMINISTRATION & DOSAGE

Studies in management of the contaminated wound. 3. Assessment of the effectiveness of irrigation with antiseptic agents. Edlich RF, et al.
Amer J Surg 118:21-30, Jul 69

ADVERSE EFFECTS

Acneform eruptions. Lantis SH.
J Amer Med Wom Ass 24:305-9, Apr 69
[Dermatologic misleading manifestations] Beek CH.
Nederl T Geneesk 113:1014-7, 7 Jun 69 (Dut)
[Acute renal failure in Kahler's disease] Dérot M, et al.
Presse Med 77:43-6, 11 Jan 69 (Fre)
[On the problem of pre-testing with iodine-containing contrast media] Dehnhardt HG.
Deutsch Med J 19:295-6, 20 Apr 68 (Ger)
[Comments on a discussion on acute complications of water-soluble iodinated contrast media] Toniolo G, et al. Radiol Med (Torino) 53:1089-94, Nov 67 (Ita)

ANALYSIS

Clinical experiences with a new type of contrast medium in peripheral arteriography. Björk L, et al. **Amer J Roentgen** 106:418-24, Jun 69

Thyroxine metabolism and thyroid function in the cold-adapted rat. Galton VA, et al. **Endocrinology** 85:79-86, Jul 69

Iodine activation analysis in materials of biological interest. Malvano R, et al. **J Nucl Biol Med** 12:86-97, Apr-Jun 68

Effect of an IUCD on an endometrial response to steroid hormones in the rat. Brown-Grant K. **J Reprod Fertil** 18:475-80, Apr 69

Natural and pollution sources of iodine, bromine, and chlorine in the Great Lakes. Tiffany MA, et al. **J Water Pollut Contr Fed** 41:1319-29, Jul 69

Changing normal values for thyroidal radioiodine uptake. Pittman JA Jr, et al. **New Eng J Med** 280:1431-4, 26 Jun 69

The changing iodide-uptake test. Stanbury JB. **New Eng J Med** 280:1474-5, 26 Jun 69

Neutron dosimetry in the in vivo measurement of intrathyroidal iodine in man by activation analysis. Boddy K, et al. **Phys Med Biol** 14:471-80, Jul 69

[Iodine balance in adolescents] Malvaux P, et al. **Ann Endocr (Paris)** 29:480-2, Jul-Aug 68 (Fre)

[Studies on the iodine content of milk in Austria] Leskova R, et al. **Wien Tieraerztl Mschr** 56:89-93, Mar 69 (Ger)

[Extraction-photometric method of microdetermination of iodine in fluids and tissues after administering iodine-containing preparations into the bodies of humans and animals] Lalin LN, et al. **Biull Eksp Biol Med** 67:124-5, Apr 69 (Rus)

[Copper and iodine content of various substances of the environment and their role in the etiology and pathogenesis of endemic goiter] Askarova IaN. **Gig Sanit** 33:96-8, Aug 68 (Rus)

[Progress of endemic goiter in Finland. Studies on the thyroid glands of newborns] Nordman R. **Nord Med** 81:304-7, 6 Mar 69 (Swe)

BLOOD

Thyroid function in human pregnancy. VI. Premature deliveries and reproductive failures of pregnant women with low serum butanol-extractable iodines. Maternal serum TBG and TBPA capacities. Jones WS, et al. **Amer J Obstet Gynec** 104:909-14, 15 Jul 69

Thyroid function in human pregnancy. V. Incidence of maternal serum low butanol-extractable iodines and of normal gestational TBG and TBPA capacities; retardation of 8-month-old infants. Man EB, et al. **Amer J Obstet Gynec** 104:898-908, 15 Jul 69

Determination of total serum thyroxine in the dog by competitive protein binding of labeled thyroxine. Kalifelz FA. **Amer J Vet Res** 30:929-32, Jun 69

Effect of conjugated oestrogen upon gonadotrophin excretion patterns in fetile women. Kaivola S, et al. **Ann Chir Gynaec Fenn** 57:596-602, 1968

Iodine disinfection of water. Thomas WC Jr, et al. **Arch Environ Health (Chicago)** 19:124-8, Jul 69

Specific binding radioassay of serum thyroxine. Nobel S, et al. **Clin Chem** 15:509-20, Jun 69

Depression of thyrotropin releasing factor induction of thyrotropin release by throxine in small doses. Averill RL. **Endocrinology** 85:67-71, Jul 69

Importance of thyroid hormones in bone metabolism and calcium homeostasis. Jowsey J, et al. **Endocrinology** 85:87-95, Jul 69

The kinetics of the inhibition of thyroidal iodide accumulation by thiocyanate: a reexamination. Scranton JR, et al. **Endocrinology** 85:603-7, Sep 69

The methyl xanthines--a new class of goitrogens. Wolff J, et al. **Endocrinology** 85:410-4, Sep 69

Effect of triiodothyronine administration on serum PBI in hypothyroid patients maintained on constant doses of thyroxine. Farmer TA Jr, et al. **J Clin Endocr** 29:781-5, Jun 69

Effects of clofibrate (Atromid S) on the thyroxine-binding capacity of thyroxine-binding globulin and free thyroxine. McKerron CG, et al. **J Clin Endocr** 29:957-61, Jul 69

Complement metabolism in man: hypercatabolism of the fourth (C4) and third (C3) components in patients with renal allograft rejection and hereditary, angioedema (HAE). Carpenter CB, et al. **J Clin Invest** 48:1495-505, Aug 69

Effect of an IUCD on an endometrial response to steroid hormones in the rat. Brown-Grant K. **J Reprod Fertil** 18:475-80, Apr 69

Detecting hypothyroidism. Goldsmith RE. **Lancet** 1:1316-7, 28 Jun 69

[Effect of hypoglycemia on secretion of somatotropic hormone (STH) in myxedema] Brauman H, et al. **Ann Endocr (Paris)** 29:465-72, Jul-Aug 68 (Fre)

[Evolution of iodine uptake, PBI-131, PBI-127 and clinical symptoms following administration of triiodothyronine to subjects with hyperthyroidism caused by diffuse thyroid hyperplasia. Role of the lymphatic system and LATS in the effect of Graves disease stimulation] Mahaux JE, et al. **Ann Endocr (Paris)** 29:483-95, Jul-Aug 68 (Fre)

[Separation of hormonal iodine and medicamentous iodine compounds in serum by means of cation exchange resin] Aquaron R. **Marseille Med** 106:33-41, 1969 (Fre)

[Blood protein iodine during disturbance of the normal course of pregnancy] Stantcheva M, et al. **Rev Franc Gynec Obstet** 64:101-6, Mar 69 (Fre)

[Hyperbaric oxygenation therapy of acute brain injury and brain edema experimental and clinical study] Mogami H, et al. **Brain Nerve (Tokyo)** 21:261-8, Mar 69 (Jap)

[Extraction-photometric method of microdetermination of iodine in fluids and tissues after administering iodine-containing preparations into the bodies of humans and animals] Lalin LN, et al. **Biull Eksp Biol Med** 67:124-5, Apr 69 (Rus)

DIAGNOSTIC USE

[On the problem of pre-testing with iodine-containing contrast media] Dehnhardt HG. **Deutsch Med J** 19:295-6, 20 Apr 68 (Ger)

[Arteriography of lower extremities with the contrast medium uromiro (iodine amide)] Mohr H, et al. **Med Welt** 27:1610 passim, 8 Jul 67 (Ger)

[A new form of anthrography with a new contrast medium] Rohmann HW. **Med Welt** 27:1629-30, 8 Jul 67 (Ger)

[Mallen test in the patients with urticaria] Sukolin GI. **Lab Delo** 9:567, 1967 (Rus)

METABOLISM

The three-hour conversation ratio: a test for hyperthyroidism. Wiener JD. **Acta Endocr (Kobenhavn)** 61:151-63, May 69

Studies on iodine metabolism in chronic thyroiditis. Torizuka K. **Acta Path Jap** 18:485-90, Nov 68

Subunit structure of hog thyroglobulin: dissociation of noniodinated and highly iodinated preparations. Tarutani O, et al. **Biochim Biophys Acta** 181:136-45, May 69

Aminotriazole, thyroid function, and catecholamines in nephrogenic hypertension in rats. Fregly MJ, et al. **Canad J Physiol Pharmacol** 47:407-14, May 69

Monoamine oxidase activity of the thyroid glands in thyroid disease. Hidaka H, et al. **Clin Chim Acta** 23:383-6, Mar 69

The methyl xanthines--a new class of goitrogens. Wolff J, et al. **Endocrinology** 85:410-4, Sep 69

Factors in the iodination of histidine in proteins. Wolff J, et al. **Europ J Biochem** 9:371-7, Jun 69

Thyroid function in a family with the Pendred syndrome. Milutinovic PS, et al. **J Clin Endocr** 29:962-9, Jul 69

Thyroid-uptake studies using 132I. Levy BS, et al. **J Nucl Med** 10:286-9, Jun 69

123I thyroid measurements with a Ge (Li) detector. Sodd VJ, et al. **J Nucl Med** 10:136-9, Mar 69

Experience with thyroid malignancy in a private referral laboratory. Hamburger JI. **Mich Med** 68:575-80, Jun 69

Normal ranges de-emphasized. Hamburger JI. **New Eng J Med** 281:331, 7 Aug 69

Changing normal values for thyroidal radioiodine uptake. Pittman JA Jr, et al. **New Eng J Med** 280:1431-4, 26 Jun 69

The changing iodide-uptake test. Stanbury JB. **New Eng J Med** 280:1474-5, 26 Jun 69

Measurement of gastric emptying rate using 131-I-HSA. A methodological study in man. Brömster D, et al. **Scand J Gastroent** 3:641-53, 1968

Studies on the iodine metabolism of the thyroid gland as revealed by electron microscopic autoradiography of 125I. Fujita H. **Virchow Arch [Zellpath]** 2:265-79, 1969

[Evolution of iodine uptake, PBI-131, PBI-127 and clinical symptoms following administration of triiodothyronine to subjects with hyperthyroidism caused by diffuse thyroid hyperplasia. Role of the lymphatic system and LATS in the effect of Graves disease stimulation] Mahaux JE, et al.
Ann Endocr (Paris) 29:483-95, Jul-Aug 68 **(Fre)**
[Iodine balance in adolescents] Malvaux P, et al.
Ann Endocr (Paris) 29:480-2, Jul-Aug 68 **(Fre)**
[On the effect of desoxycorticosterone glycoside on thyroid function] Gólián-Bartha K.
Acta Med Acad Sci Hung 25:121-6, 1968 **(Ger)**
[Energy metabolism of neurosurgical patients before, during and following unadulterated neuroleptoanalgesia with and without "artificial metabolic decrease."] Schmidt K, et al.
Anaesthesist 17:369-77, Dec 68 **(Ger)**
[Iodine isotope function test in the iodine saturated thyroid gland] Grebe SF.
Med Welt 11:700-5, 16 Mar 68 **(Ger)**
[Studies of the 131-I dynamics in various disorders of iodine metabolism] Grebe SF.
Nuclearmedizin 8:61-74, 15 Apr 69 **(Ger)**
[The iodine dynamics in autonomous hormone-producing thyroid gland adenoma. Toxic adenoma] Grebe SF.
Nuclearmedizin 8:89-94, 15 Apr 69 **(Ger)**
[Thyroid uptake and scintiscanning in the study of thyroid diseases. Geographic distribution in the province of Pavia] Ricotti V, et al.
Arch Sci Med (Torino) 125:570-9, Nov 68 **(Ita)**
[Body growth and metabolism of iodine in larvae of Bufo bufo treated with prolactin: study with I-125] Campantico E, et al. **Ric Sci** 38:980-5, Oct 68 **(Ita)**
[The endocrinology of puberty and adolescence. Thyroid hormone] Nakajima H, et al.
Clin Endocr (Tokyo) 17:87-94, Feb 69 (36 ref.) **(Jap)**
[Genetic consideration of thyroid diseases in infants] Niimi H, et al.
Clin Endocr (Tokyo) 17:153-8, Mar 69 **(Jap)**
[Changes of thyroid structure and of hormonal iodine (PBI) in experimental hypercorticism and their evolution after subtotal adrenalectomy] Damian A, et al. **Stud Cercet Endocr** 19:493-6, 1968 **(Rum)**
[Condition of thyroid gland and iodine metabolism in the patients with myasthenia] Kotliarov EV, et al.
Med Radiol (Moskva) 12:9-14, Dec 67 **(Rus)**
[A study of the phagocytic and digestive function of the reticuloendothelial system as affected by ionizing radiation by means of iodine-131 labelled aggregated albumin] Kendysh IN.
Radiobiologiia 7:372-5, May-Jun 67 **(Rus)**

PHARMACODYNAMICS

The partial inhibition of yeast invertase by iodine. Shall S, et al. **Biochem J** 111:33P-34P, Mar 69
The chemical reactions of the haemagglutinins and neuraminidases of different strains of influenza viruses. I. Effect of reagents reacting with amino acids in the active centres. Hoyle L.
J Hyg (Camb) 67:289-99, Jun 69
High dietary iodine and reproduction in the cock. Wilson HR, et al. **J Reprod Fertil** 18:181, Feb 69
Thyroid testing during drug administration. Myhill J.
Med J Aust 1:422-4, 22 Feb 69
Kri i Paste. Bell JW. **New Zeal Dent J** 65:96-106, Apr 69
The antibacterial activity of iodine in aqueous solutions of a non-ionic surfactant. Henderson G, et al.
Pharm Acta Helv 44:129-37, Mar 69
Effect of phiocon upon ligamentous injury in rats. Simko D. **Res Quart** 40:368-71, May 69

SECRETION

Iodide goiter and the pharmacologic effects of excess iodide. Wolff J. **Amer J Med** 47:101-24, Jul 69 (280 ref.)

THERAPEUTIC USE

Thyroid crisis and the law. Ficarra BJ.
JAMA 209:774, 4 Aug 69
[Separation of hormonal iodine and medicamentous iodine compounds in serum by means of cation exchange resin] Aquaron R.
Marseille Med 106:33-41, 1969 **(Fre)**
[Hypothyroidism due to iodotyrosine deiodase deficiency. Results after 7 years of treatment with iodine] Orsini A, et al.
Marseille Med 106:47-9, 1969 **(Fre)**
[Addison's disease and thyrotoxic crisis] Couturier E, et al. **Presse Med** 77:515-6, 22 Mar 69 **(Fre)**
[Energy metabolism of neurosurgical patients before, during and following unadulterated neuroleptoanalgesia with and without "artificial metabolic decrease."] Schmidt K, et al.
Anaesthesist 17:369-77, Dec 68 **(Ger)**
[Studies on the effectiveness of non-specific and virostatic treatment of dendritic keratitis with special reference to the combination of 5-Iodo-2-deoxyuridine and para-fluorphenylalanine] Graupner K, et al.
Graefe Arch Klin Exp Ophthal 177:89-96, 1969 **(Ger)**
[Treatment of the disk syndrome with iodine baths in practice] Kappler P.
Landarzt 44:395-6, 20 Mar 68 **(Ger)**
[Problems of the prophylaxis of goiter-recurrence with drugs] Steiner H, et al.
Munchen Med Wschr 111:569-71, 7 Mar 69 **(Ger)**
[A case of lung mycetoma caused by Monosporium apiospermum] Ariewitsch AM, et al.
Mycopathologia 37:171-8, 28 Mar 69 **(Ger)**
[Antithyroid agents. 15] Götz HG.
Pharm Prax 9:258-64, 1967 (113 ref.) **(Ger)**
[Actinomycosis of the tongue] Kamel'chuk IuG.
Stomatologiia (Moskva) 48:52-4, May-Jun 69 **(Rus)**
[Glutatione in the blood of patients with atherosclerosis and the effect of iodine therapy] Ol'shanskiĭ ChS. **Ter Arkh** 39:59-63, Mar 67 **(Rus)**
[Remote results of the treatment of patients with various forms of syphilitic aortitis] Frishman MP.
Vestn Derm Vener 41:76-80, Jan 67 **(Rus)**
[An experimental study of antimicrobial tissues on a model of pathogenic staphylococci] Piotkina NS.
Zh Mikrobiol 44:126-7, Aug 67 **(Rus)**
[Progress of endemic goiter in Finland. Studies on the thyroid glands of newborns] Nordman R.
Nord Med 81:304-7, 6 Mar 69 **(Swe)**

TOXICITY

High dietary iodine and reproduction in the cock. Wilson HR, et al. **J Reprod Fertil** 18:181, Feb 69

URINE

Complement metabolism in man: hypercatabolism of the fourth (C4) and third (C3) components in patients with renal allograft rejection and hereditary, angioedema (HAE). Carpenter CB, et al.
J Clin Invest 48:1495-505, Aug 69
Changing normal values for thyroidal radioiodine uptake. Pittman JA Jr, et al.
New Eng J Med 280:1431-4, 26 Jun 69
[Iodine balance in adolescents] Malvaux P, et al.
Ann Endocr (Paris) 29:480-2, Jul-Aug 68 **(Fre)**
[Extraction-photometric method of microdetermination of iodine in fluids and tissues after administering iodine-containing preparations into the bodies of humans and animals] Lalin LN, et al.
Biull Eksp Biol Med 67:124-5, Apr 69 **(Rus)**

IODOPROTEINS

The passage of [125I]insulin across isolated mesentery. Effect of anti-insulin serum. Brachet E, et al.
Biochim Biophys Acta 183:162-8, 3 Jun 69
Factors in the iodination of histidine in proteins. Wolff J, et al. **Europ J Biochem** 9:371-7, Jun 69

ANALYSIS

Thyroid proteins in a goitrous cretin with iodide organification defect. Mouriz J, et al.
J Clin Endocr 29:942-7, Jul 69

BLOOD

[Blood protein iodine during disturbance of the normal course of pregnancy] Stantcheva M, et al.
Rev Franc Gynec Obstet 64:101-6, Mar 69 **(Fre)**

LONG-ACTING THYROID STIMULATOR

Long-acting thyroid stimulator (LATS). Miyai K.
Acta Path Jap 18:504-7, Nov 68

ANALYSIS

A modified bioassay for the long-acting thyroid stimulator (LATS). Furth ED, et al. **Endocrinology** 85:592-3, Sep 69

ANTAGONISTS & INHIBITORS

Inhibition of the long-acting thyroid stimulator (LATS) by soluble thyroid fractions. Beall G, et al. **J Lab Clin Med** 73:988-99, Jun 69

BIOSYNTHESIS

Long-acting thyroid stimulator (LATS). Miyai K. **Acta Path Jap** 18:504-7, Nov 68

BLOOD

Pretibial myxoedema. Hetzel BS, et al. **Aust J Derm** 10:18-25, Apr 69

The value of IgG separation for the detection of LATS in human serum. Bonnyns M, et al. **Clin Exp Immun** 4:597-601, May 69

Laboratory aids in the diagnosis of endocrine disorders. Katz FH. **Med Clin N Amer** 53:79-95, Jan 69 (43 ref.)

[Addison's disease and thyrotoxic crisis] Couturier E, et al. **Presse Med** 77:515-6, 22 Mar 69 **(Fre)**

PHARMACODYNAMICS

Long-acting thyroid stimulator (LATS). Miyai K. **Acta Path Jap** 18:504-7, Nov 68

Stimulation of thyroid hyperplasia and protein synthesis by LATS. Ochi Y, et al. **Endocrinology** 85:344-7, Aug 69

PHYSIOLOGY

[Evolution of iodine uptake, PBI-131, PBI-127 and clinical symptoms following administration of triiodothyronine to subjects with hyperthyroidism caused by diffuse thyroid hyperplasia. Role of the lymphatic system and LATS in the effect of Graves disease stimulation] Mahaux JE, et al. **Ann Endocr (Paris)** 29:483-95, Jul-Aug 68 **(Fre)**

SECRETION

[New knowledge about the pathogenesis of hyperthyroidism] Küchel O, et al. **Cas Lek Cesk** 108:833-8, Jul 69 (54 ref.) **(Cze)**

PROTEIN-BOUND IODINE TEST

Diazepam (Valium) and thyroid function: a double-blind, placebo controlled study in normal volunteers showing no drug effect. Mazzaferri EL, et al. **Amer J Med Sci** 257:388-94, Jun 69

Thyroid function in human pregnancy. VI. Premature deliveries and reproductive failures of pregnant women with low serum butanol-extractable iodines. Maternal serum TBG and TBPA capacities. Jones WS, et al. **Amer J Obstet Gynec** 104:909-14, 15 Jul 69

Thyroid function in human pregnancy. V. Incidence of maternal serum low butanol-extractable iodines and of normal gestational TBG and TBPA capacities; retardation of 8-month-old infants. Man EB, et al. **Amer J Obstet Gynec** 104:898-908, 15 Jul 69

Determination of total serum thyroxine in the dog by competitive protein binding of labeled thyroxine. Kalifelz FA. **Amer J Vet Res** 30:929-32, Jun 69

Amenorrhea associated with emaciation. Timonen S, et al. **Ann Chir Gynaec Fenn** 57:431-5, 1968

Iodine disinfection of water. Thomas WC Jr, et al. **Arch Environ Health (Chicago)** 19:124-8, Jul 69

Coexisting anterior pituitary and neurohypophyseal insufficiency. A syndrome with diagnostic implication. Martin MM. **Arch Intern Med (Chicago)** 123:409-16, Apr 69

Pretibial myxoedema. Hetzel BS, et al. **Aust J Derm** 10:18-25, Apr 69

The biochemical assessment of thyroid status. Sanderson C. **Brit J Clin Pract** 23:237-8, Jun 69

Assay of thyroxine-binding globulin by polyacrylamide electrophoresis: normal values. Roberts RC, et al. **Clin Chem** 15:367-75, May 69

Oxygen flask decomposition of blood serum: application to PBI determination. Zaroda RA. **Clin Chem** 15:555-65, Jul 69

Thyroidal dysfunction during simulated altitude conditions. Mulvey PF Jr, et al. **Fed Proc** 28:1243-6, May-Jun 69

Thyroxine and catecholamines during cold exposure in dogs. Tanche M, et al. **Fed Proc** 28:1257-61, May-Jun 69

Management of thyrotoxicosis in pregnancy. Value of serial protein-bound iodine and hamolski tests. Kaori M, et al. **Israel J Med Sci** 5:43-8, Jan-Feb 69

Influence of corticosterone on the integrity of salivary glands and the incidence of dental caries in the rat. Liu FT, et al. **J Dent Res** 48:467-72, May-Jun 69

Effect of lesions in the globus pallidus upon thyroid function. Cheifetz PN. **J Endocr** 43:36-7, Jan 69

The thyroid gland and the neurosecretory activity of the hypothalamus in the newborn rabbit. Slebodziński A, et al. **J Endocr** 42:193-203, Oct 68

Studies on thyroglobulin immunity. VI. Thyroid hormones and thyroglobulin specificity. Margherita SS, et al. **J Immun** 102:1511-22, Jun 69

Effect of chronic coumadin administration on thyroid hormone binding in serum. Braverman LE, et al. **J Nucl Med** 10:511-3, Jul 69

Determination of serum thyroxine by saturation analysis of thyroxine binding proteins. Cuarón A. **J Nucl Med** 10:532-9, Aug 69

Determination of hormonal radioiodine in serum with a cation exchange resin. Wiener JD, et al. **J Nucl Med** 9:601-3, Dec 68

Thyroxine binding globulin deficiency. Constitutional growth retardation erroneously diagnosed as isolated thyrotropin deficiency. Nikolai TF. **J Pediat** 75:130-2, Jul 69

Thyroid testing during drug administration. Myhill J. **Med J Aust** 1:422-4, 22 Feb 69

Sporadic cretinism and juvenile hypothyroidism. Ahuja MM, et al. **Metabolism** 18:488-96, Jun 69

Changing normal values for thyroidal radioiodine uptake. Pittman JA Jr, et al. **New Eng J Med** 280:1431-4, 26 Jun 69

[Hereditary anomalies of globulin transporting thyroxine] David M. **Pediatrie** 24:491-3, Jun 69 (7 ref.) **(Fre)**

[Unchecked thyroid insufficiencies] Luton JP. **Presse Med** 77:1105-6, 25 Jun 69 **(Fre)**

[Compensation of artificial hypercalcemia depending on thyroid gland function] Schwarz G. **Med Klin** 64:537-9, 21 Mar 69 **(Ger)**

[Hormone analysis and androgen therapy in male sterility] Silló-Seidl G. **Med Klin** 64:539-42, 21 Mar 69 **(Ger)**

[Iodine isotope function test in the iodine saturated thyroid gland] Grebe SF. **Med Welt** 11:700-5, 16 Mar 68 **(Ger)**

[Thyroxine-binding beta globulins during a subacute thyroiditis] Bekier A. **Nuclearmedizin** 8:75-82, 15 Apr 69 **(Ger)**

[The iodine dynamics in autonomous hormone-producing thyroid gland adenoma. Toxic adenoma] Grebe SF. **Nuclearmedizin** 8:89-94, 15 Apr 69 **(Ger)**

[Studies of the 131-I dynamics in various disorders of iodine metabolism] Grebe SF. **Nuclearmedizin** 8:61-74, 15 Apr 69 **(Ger)**

[On preoperative and postoperative treatment of severe hyperthyroidism using propranolol] Höfer R, et al. **Wien Med Wschr** 119:89-94, 1 Feb 69 **(Ger)**

[Hormonal and hematochemical variations in the premenstrual syndrome] Perini O, et al. **Minerva Ginec** 19:940-1, 30 Sep 67 **(Ita)**

[Studies on urinary excretion of catecholamines in hyperthyroidism] Kimura T, et al. **Folia Endocr Jap** 44:1222-31, 20 Feb 69 **(Jap)**

[Changes of thyroid structure and of hormonal iodine (PBI) in experimental hypercorticism and their evolution after subtotal adrenalectomy] Damian A, et al. **Stud Cercet Endocr** 19:493-6, 1968 **(Rum)**

[Hyperthyroidism] Bischof B. **Folia Clin Int (Barc)** 17:427-33 contd, Sep 67 **(Spa)**

STANDARDS

[Diagnostic value of the triiodothyronine test] Scriba PC. **Deutsch Med Wschr** 94:1455-6, 11 Jul 69 **(Ger)**

THYROXINE-BINDING PROTEIN

Specific binding radioassay of serum thyroxine. Nobel S, et al. **Clin Chem** 15:509-20, Jun 69

The interaction of thyroxine with human plasma prealbumin and with the prealbumin-retinol-binding

protein complex. Raz A, et al.
J Biol Chem 244:3230-7, 25 Jun 69

Effects of clofibrate (Atromid S) on the thyroxine-binding capacity of thyroxine-binding globulin and free thyroxine. McKerron CG, et al.
J Clin Endocr 29:957-61, Jul 69

Studies on thyroglobulin immunity. VI. Thyroid hormones and thyroglobulin specificity. Margherita SS, et al. J Immun 102:1511-22, Jun 69

A simplified method for estimating free-thyroxine fraction in serum. Cavalieri RR, et al.
J Nucl Med 10:565-70, Sep 69

Comparison of radioisotopic and column chromatographic assay of serum thyroxine. Kaihara S, et al. J Nucl Med 10:281-3, Jun 69

Thyroxine binding globulin deficiency. Constitutional growth retardation erroneously diagnosed as isolated thyrotropin deficiency. Nikolai TF.
J Pediat 75:130-2, Jul 69

[Hereditary anomalies of globulin transporting thyroxine] David M.
Pediatrie 24:491-3, Jun 69 (7 ref.) (Fre)

[Influences on the binding capacity of thyroxine-binding proteins during pregnancy] Fridrich R, et al.
Schweiz Med Wschr 99:833-9, Jun 69 (Ger)

[Quantitation of human serum prealbumin by single radial immunodiffusion] Ide M, et al.
Folia Endocr Jap 44:1277-80, 20 Mar 69 (Jap)

ANALYSIS

Effects of testosteronereatment on plasma proteins and amino acids in men. Dickinson P, et al.
J Clin Endocr 29:837-41, Jun 69

[Ultrastructure and autoradiography of isolated thyroid cells, incubated in the presence of iodine-125] Tixier-Vidal A, et al.
J Ultrastruct Res 28:78-101, Jul 69 (Fre)

[Endocrinology] Yoshida H.
Naika 23:40-6, Jan 69 (25 ref.) (Jap)

BLOOD

Thyroid function in human pregnancy. VI. Premature deliveries and reproductive failures of pregnant women with low serum butanol-extractable iodines. Maternal serum TBG and TBPA capacities. Jones WS, et al. Amer J Obstet Gynec 104:909-14, 15 Jul 69

Thyroid function in human pregnancy. V. Incidence of maternal serum low butanol-extractable iodines and of normal gestational TBG and TBPA capacities; retardation of 8-month-old infants. Man EB, et al.
Amer J Obstet Gynec 104:898-908, 15 Jul 69

Assay of thyroxine-binding globulin by polyacrylamide electrophoresis: normal values. Roberts RC, et al.
Clin Chem 15:367-75, May 69

Effect of chronic coumadin administration on thyroid hormone binding in serum. Braverman LE, et al.
J Nucl Med 10:511-3, Jul 69

[Thyroid function tests] Iino S, et al.
Jap J Clin Med 27:265-71, Feb 69 (32 ref.) (Jap)

[Thyroxine] Miyai K, et al.
Jap J Clin Med 27:373-7, Feb 69 (Jap)

DIAGNOSTIC USE

Determination of serum thyroxine by saturation analysis of thyroxine binding proteins. Cuarón A.
J Nucl Med 10:532-9, Aug 69

METABOLISM

The metabolic significance of thyroxine-binding globulin. Studies in a family with decreased thyroxine-binding globulin. Bayley TA, et al.
Acta Endocr (Kobenhavn) 61:137-50, May 69

The release of thyroxine from serum protein in the vessels of the liver. Hillier AP.
J Physiol (London) 203:419-34, Aug 69

[Thyroxine-binding beta globulins during a subacute thyroiditis] Bekier A.
Nuclearmedizin 8:75-82, 15 Apr 69 (Ger)

[The endocrinology of puberty and adolescence. Thyroid hormone] Nakajima H, et al.
Clin Endocr (Tokyo) 17:87-94, Feb 69 (36 ref.) (Jap)

ADRENAL

I. Physical and Functional Aspects

ADRENAL GLANDS

The adrenal weight of mice with spontaneous adrenocortical lipid depletion. A comparison with untreated, ACTH- and dexamethasone-treated C57Bl mice. Moine K.
Acta Path Microbiol Scand 75:37-50, 1969

Androgen regulation of RNA polymerase activity in isolated mouse kidney nuclei. Avdalovic N, et al.
Biochim Biophys Acta 182:382-93, 17 Jun 69

Effects of training and 17-B estradiol upon heart rates, organ weights, and ligamentous strength of female rats. Booth FW, et al.
Int Z Angew Physiol 27:187-97, 1969

Behavioral effects of lesions of the medial septum of rats. Clody DE, et al.
J Comp Physiol Psychol 67:344-51, Mar 69

An approach to developing adrenal-gland scanning. Nagai T, et al. **J Nucl Med** 9:576-81, Nov 68

The effect of ambient temperature upon post-natal changes in oxygen consumption of the guinea-pig. Adamsons K, et al.
J Physiol (London) 202:261-9, Jun 69

[Cortisol in the blood after administration of adrenal-cortex and liver extracts] Mulargia A, et al.
Policlinico [Prat] 76:840-6, 30 Jun 69 **(Ita)**

ABNORMALITIES

Multiple aneurysms in a case of acromegaly. Schenk VW, et al.
Psychiat Neurol Neurochir 71:311-7, Jul-Aug 68

[Familial congenital adrenal hypoplasia with failure of the adrenal cortex] Seeliger H, et al.
Verh Deutsch Ges Path 52:481-5, 1968 **(Ger)**

ANALYSIS

An attempt to explain differences in the hypophyseal-adrenocortical response to repeated stressful stimuli by their dependence on differences in pathways. Stark E, et al.
Acta Med Acad Sci Hung 25:251-60, 1968

Effect of ascorbic acid on pulmonary silicosis of guinea pigs. Kaw JL, et al.
Arch Environ Health (Chicago) 19:74-83, Jul 69

Separate autoimmune mechanisms for 7s and 19s globulins in Laennec's cirrhosis. Zinneman HH, et al.
Arch Intern Med (Chicago) 124:153-9, Aug 69

Inhibiting effect of angiotensin on potassium accumulation of adrenal cortex. Szalay KS.
Biochem Pharmacol 18:962-4, Apr 69

The uptake of D-araboascorbic acid (D-isoascorbic acid) by guinea-pig tissues. Hughes RE, et al.
Brit J Nutr 23:211-6, Jun 69

Hypothalamo-pituitary-adrenal function in the rat after prolonged treatment with cortisol. Hodges JR, et al.
Brit J Pharmacol 36:489-95, Jul 69

A calcitonin-like factor from the human adrenal gland. Kaplan EL, et al. **Brit J Surg** 56:624, Aug 69

Aminotriazole, thyroid function, and catecholamines in nephrogenic hypertension in rats. Fregly MJ, et al.
Canad J Physiol Pharmacol 47:407-14, May 69

The effect of ascorbic acid on the lipid metabolism of guinea-pigs fed an atherogenic diet. Ginter E, et al.
Cor Vasa 11:65-73, 1969

Effects of morphine intoxication on brain catecholamine neurons. Gunne LM, et al.
Europ J Pharmacol 5:338-42, Mar 69

Effects of drugs on behavior, heart rate and catecholamine levels in thiamine-deficient rats. Iwata H, et al. **Europ J Pharmacol** 6:83-9, May 69

Effect of hydrazinophthalazines on catecholamines in rats. Linet O, et al. **Europ J Pharmacol** 6:121-4, May 69

Effect of cold exposure and ACTH on RNA, DNA and protein content in adrenal and liver of rats and ground squirrels. Petrović VM, et al.
Fed Proc 28:1247-50, May-Jun 69

Effects of some organotin compounds on tissue amine levels in rats. Robinson IM.
Food Cosmet Toxic 7:47-52, Jan 69

The distribution of 65zinc in the prostate and other organs in control, castrated, and hypophysectomized rats. Byar DP, et al. **Invest Urol** 7:57-65, Jul 69

Synthesis and adrenocortical inhibiting activity of substituted diphenylalkylamines. Blank B, et al.
J Med Chem 12:271-6, Mar 69

Tumor localizing agents. VII. Radioiodinated quinoline derivatives. Counsell RE, et al.
J Med Chem 12:232-6, Mar 69

Simultaneous extraction of tissue norepinephrine and serotonin. Phillips BM, et al.
J Pharm Sci 58:572-4, May 69

Catecholamines and behavior in isolated and grouped mice. Anton AH, et al. **J Psychiat Res** 6:211-20, Dec 68

Reproductive physiology of the post partum cow. II. Pituitary, adrenal and thyroid function. Wagner WC, et al. **J Reprod Fertil** 18:501-8, Apr 69

Glucose metabolism in rat lymphatic tissues: effects of acute and chronic exercise. Dieter MP.
Life Sci 8:459-68, 1 May 69

Nonsteroid, calcitonin-like factor from the adrenal gland. Kaplan EL, et al. **Surgery** 66:167-74, Jul 69

Amphetamine toxicity and brain monoamines in three models of stress. Goldberg ME, et al.
Toxic Appl Pharmacol 14:447-56, May 69

[Study of adrenal gland activity during lactation and postnatal life in rats] Kamoun A, et al.
Path Biol (Paris) 17:159-63, Feb 69 **(Fre)**

[Presence of dopamine in human adrenal glands] Vandermeulen R, et al.
Rev Franc Etud Clin Biol 14:283-4, Mar 69 **(Fre)**

[Animal experimental studies on synthetic peptides with corticotropin activity. A. Comparison with 3rd international Standard for corticotropin] Vogel HG.
Arzneimittelforschung 19:20-4, Jan 69 **(Ger)**

[On the question of the effect of tetracyclines on the content of catecholamines in the body of rabbits and rats] Aleutskiĭ NN. **Antibiotiki** 14:347-51, Apr 69 **(Rus)**

[The content of catecholamines in the organs and tissues of white rats during blood transfusion reactions] Giants RM, et al.
Biull Eksp Biol Med 67:15-7, Apr 69 **(Rus)**

[Catecholamine content in organs of animals dead from acute radiation sickness] Kulinskii VI, et al.
Biull Eksp Biol Med 63:59-60, Apr 67 **(Rus)**

[The effect of muscle activity and some biologically active substances on the cortico-steroid content in the blood and adrenal glands] Stoliarova NA.
Fiziol Zh SSSR Sechenov 54:838-42, Jul 68 **(Rus)**

[Glucocorticoid function of adrenal cortex in rats exposed to polonium-210] Moroz BB, et al.
Radiobiologiia 8:689-92, Sep-Oct 68 **(Rus)**

ANATOMY & HISTOLOGY

Histometric studies on the adrenal cortex of mice with spontaneous adrenocortical lipid depletion. A comparison with dexamethasone- and ACTH-treated

C57B1 mice. Moine K.
Acta Path Microbiol Scand 75:51-63, 1969

The effects of fluoride and low calcium on the physical properties of the rat femur. Beary DF.
Anat Rec 164:305-16, Jul 69

The bursa of fabricius and adrenal cortical activity of Gallus domesticus. Freeman BM.
Comp Biochem Physiol 29:639-46, May 69

Effect of a sulfated mucopolysaccharide (RO 1-8307) on the zona glomerulosa of regenerating rat adrenal glands and of intact glands in sodium-deprived rats. Chremos AN, et al. **Endocrinology** 85:337-41, Aug 69

A strain difference in the adrenal zona glomerulosa determined by one gene-locus. Shire JG.
Endocrinology 85:415-22, Sep 69

Body weight and organ sizes in warmth-adapted and in cold-adapted, hibernating golden hamsters. Smit-Vis JH, et al. **Experientia** 25:156-8, 15 Feb 69

Premature parturition after infusion of corticotrophin or cortisol into foetal lambs. Liggins GC.
J Endocr 42:323-9, Oct 68

The effects of population density upon correlates of emotionality and learning efficiency. Taylor J.
J Gen Psychol 80:205-18, Apr 69

Early effects of feeding excess vitamin A: mechanism of fatty liver production in rats. Singh VN, et al.
J Lipid Res 10:395-401, Jul 69

Catecholamines and behavior in isolated and grouped mice. Anton AH, et al. **J Psychiat Res** 6:211-20, Dec 68

Relationships between the pineal gland and the gonads of single and parabiosed golden hamsters. Seibel HR, et al. **J Reprod Fertil** 18:179, Feb 69

Reproductive physiology of the post partum cow. II. Pituitary, adrenal and thyroid function. Wagner WC, et al. **J Reprod Fertil** 18:501-8, Apr 69

Compensatory hypertrophy and phenylethanolamine N-methyl transferase (PNMT) activity in the rat adrenal. Ciaranello RD, et al. **Life Sci** 8:401-7, 1 Apr 69

Alternate day corticosteroid administration and homograft rejection in rabbits. Birtwell WM, et al.
Proc Soc Exp Biol Med 131:1045-51, Jul 69

The adrenal gland of the camel (Camelus dromedarius). A study of the comparative anatomy and lipoids. al-Bagdadi FA.
Zbl Veterinaermed [A] 16:354-64, Jun 69

[Electron microscopic studies of the adenohypophysis following ventromedial hypothalamic lesions in rats] Themann H, et al.
Beitr Path Anat 139:37-58, 1969 **(Ger)**

BLOOD SUPPLY

Interrelation between adrenal function and formation of testosterone in vivo in the testis of the dog. Wassermann GF, et al.
Acta Endocr (Kobenhavn) 61:33-47, May 69

Cardiac output and its distribution in the terminal stage of the gastrointestinal irradiation syndrome ("radiation shock"). Jánossy G.
Acta Med Acad Sci Hung 26:23-9, 1969

Effect of peripheral arteriovenous shunt on myocardial and renocortical blood flow in the dog. Naszlady A, et al. **Acta Med Acad Sci Hung** 26:131-42, 1969

Corticosteroid response to natural and synthetic corticotrophins in the autotransplanted sheep adrenal. France NC, et al.
Endocrinology 85:570-4, Sep 69

Effect of (K+) on the secretion of aldosterone. Funder JW, et al. **Endocrinology** 85:381-4, Aug 69

Unilateral adrenal necrosis and haemorrhage following operations on the stomach. Fox B.
J Path 97:127-35, Jan 69

Primary aldosteronism: diagnosis and treatment. Greenlee HB, et al. **Surg Clin N Amer** 49:71-85, Feb 69

[Gastosic angiopathy] Vecchietti G.
Minerva Med 60:1523-5, 18 Apr 69 **(Ita)**

CYTOLOGY

Inductive transformation as a basic phenomenon in the genesis of cells of the zona fasciculata and reticularis of the adrenal cortex. Kahri A.
Acta Anat (Basel) 71:67-78, 1968

Histometric studies on the adrenal cortex of mice with spontaneous adrenocortical lipid depletion. A comparison with dexamethasone- and ACTH-treated C57B1 mice. Moine K.
Acta Path Microbiol Scand 75:51-63, 1969

Light and electron microscopy of the adrenal medulla of Macaca mulata monkey. al-Lami F.
Anat Rec 164:317-32, Jul 69

Adenyl cyclase and hormone action. 3. Calcium requirement for ACTH stimulation of adenyl cyclase. Bär HP, et al.
Biochem Biophys Res Commun 34:681-6, 6 Jun 69

Osteogenetic competence. Urist MR, et al.
Clin Orthop 64:194-220, May-Jun 69

Nuclear concentration of 3H-estradiol in target tissues. Dry-mount autoradiography of vagina, oviduct, ovary, testis, mammary tumor, liver and adrenal. Stumpf WE. **Endocrinology** 85:31-7, Jul 69

Effects of chronic exposure to high altitude on the juxtaglomerular complex and adrenal cortex of dogs, rabbits and rats. Hartroft PM, et al.
Fed Proc 28:1234-7, May-Jun 69

Studies of adrenocortical ultrastructure. 2. The interrenal cell of the domestic fowl as seen after glutaraldehyde perfusion fixation. Kjaerheim A.
Z Zellforsch 91:429-55, 1968

The ACTH cells in the adenohypophysis of the Mexican cave fish Anoptichthys jordani, as identified by metopirone (SU 4885) treatment. Mattheij JA.
Z Zellforsch 92:588-95, 1968

The effect of metopirone and aldactone on the interrenal tissue of intact and pars distalis-ectomized common frogs, Rana temporaria. Van Kemenade JA.
Z Zellforsch 92:567-82, 1968

Effect of ACTH and hypophysectomy on the interrenal tissue in the common frog, Rana temporaria. Van Kemenade JA. **Z Zellforsch** 92:549-66, 1968

[The effect of hypophysectomy on the proliferative activity of normal and malignant tissue] Rabes H.
Z Krebsforsch 72:176-84, 1969 **(Ger)**

[Histophysiological investigations of the development of the interrenal organ in the clawed toad (Xenopus laevis Daudin)] Leist KH, et al.
Z Zellforsch 93:105-25, 1969 **(Ger)**

[Interrelations between various types of cells present in the fasciculated and reticular areas of the adrenal cortex of normal rats and pregnant rats] Nussdorfer GG, et al. **Arch Ital Anat Embriol** 74:15-28, 1969 **(Ita)**

[The endocrinology of puberty and adolescence. Adrenal glands] Takeuchi S, et al.
Clin Endocr (Tokyo) 17:95-100, Feb 69 **(Jap)**

DRUG EFFECTS

Effect of carbon tetrachloride on gonadal physiology in female rats. Chatterjee A.
Acta Anat (Basel) 71:82-6, 1968

Inductive transformation as a basic phenomenon in the genesis of cells of the zona fasciculata and reticularis of the adrenal cortex. Kahri A.
Acta Anat (Basel) 71:67-78, 1968

Experimental studies on thyroid-adrenal interrelationships in rats. Johansson H, et al.
Acta Chir Scand 134:99-102, 1968

A radio-bioassay for corticotrophin. Bukovsan W.
Acta Endocr (Kobenhavn) 61:76-82, May 69

Effects of experimental renal hypertension on aldosterone biosynthesis by rat adrenal tissue. Müller J, et al. **Acta Endocr (Kobenhavn)** 60:669-80, Apr 69

Effect of angiotensin superfusion on the rate of aldosterone production by incubated rat adrenals. Spät A, et al.
Acta Physiol Acad Sci Hung 35:149-51, 1969

Objective evaluation of pentobarbital as preanesthetic medication: effect on adrenocortical function. Oyama T, et al.
Anesth Analg (Cleveland) 48:367-72, May-Jun 69

Adrenocorticotrophic potency of long-acting corticotrophin preparations during long-term treatment of neurological patients. Rinne UK.
Ann Med Intern Fenn 57:167-72, 1968

Effect of ouabain on corticosterone biosynthesis an on potassium and sodium concentration in calf adrenal tissue in vitro. Wellen JJ, et al.
Biochim Biophys Acta 183:110-7, 3 Jun 69

Role of catecholamines in centrogenic cardiac arrhythmia induced by aconitine. Bhargava KP, et al.
Brit J Pharmacol 36:240-52, Jun 69

Hypothalamo-pituitary-adrenal function in the rat after prolonged treatment with cortisol. Hodges JR, et al.
Brit J Pharmacol 36:489-95, Jul 69

An objective evaluation of tranquilizers as preanaesthetic medication: effect on adrenocortical function. Oyama T, et al.
Canad Anaesth Soc J 16:209-16, May 69

Effect of a sulfated mucopolysaccharide (RO 1-8307) on

the zona glomerulosa of regenerating rat adrenal glands and of intact glands in sodium-deprived rats. Chremos AN, et al. **Endocrinology** 85:337-41, Aug 69

Cholesterol side-chain cleavage activity in the adrenal gland of the young rat: development and responsiveness to adrenocorticotropin hormone. Doering CH, et al. **Endocrinology** 85:500-11, Sep 69

Maternal and fetal effects of two inhibitors of 3 beta-hydroxysteroid dehydrogenase and delta 5-4,3-ketosteroid isomerase in the rat. Goldman AS. **Endocrinology** 85:325-9, Aug 69

Effects of hypophysectomy and ACTH administration on the level of adrenal cholesterol side-chain desmolase. Kimura T. **Endocrinology** 85:492-9, Sep 69

Effects of sodium deficiency, potassium deficiency and uremia upon the steroidogenic response of rat adrenal tissue to serotonin, potassium ions and adrenocorticotropin. Müller J, et al. **Endocrinology** 85:43-9, Jul 69

Effects of conditioning and some drugs on cold adaptation in rats. Jonec V, et al. **Fed Proc** 28:987-91, May-Jun 69

Effect of cold exposure and ACTH on RNA, DNA and protein content in adrenal and liver of rats and ground squirrels. Petrović VM, et al. **Fed Proc** 28:1247-50, May-Jun 69

Studies on the efficiency of adrenocortical 11 beta-hydroxylation in the human subject. Nicolis GL, et al. **J Clin Endocr** 29:831-6, Jun 69

Effect of graded doses of estradiol benzoate on dental caries and salivary glands in female rats. Liu FT, et al. **J Dent Res** 48:485, May-Jun 69

Influence of corticosterone on the integrity of salivary glands and the incidence of dental caries in the rat. Liu FT, et al. **J Dent Res** 48:467-72, May-Jun 69

Influence of HCG on the production of oestrogens by the adrenal gland. Hall EV van, et al. **J Endocr** 43:xxxiv, Jan 69

Inhibition of the response to pituitary adrenocorticotrophic hormone in the hypophysectomized rat by circulatory corticosterone. Hill CD, et al. **J Endocr** 42:301-9, Oct 68

The blocking effect of thyroidectomy on adrenal and ovarian hypertrophy produced by aminoglutethimide feeding in rats. Schreiber V, et al. **J Endocr** 42:349-50, Oct 68

Mitochondrial cavitation and hypertrophy in rat adrenal cortex due to aminoglutethimide. Racela A Jr, et al. **Lab Invest** 21:52-60, Jul 69

The action of dexamethasone and vasopressin on hypothalamic CRF production and release. Hedge GA, et al. **Neuroendocrinology** 4:242-53, 1969

Alternate-day prednisone therapy. Evaluation of delayed hypersensitivity responses, control of disease and steroid side effects. MacGregor RR, et al. **New Eng J Med** 280:1427-31, 26 Jun 69

The assay of ACTH and the action of ACTH and steroids on corticosteroidogenesis in the mouse. Purrott RJ, et al. **Pflueger Arch** 309:107-14, 1969

Biological profile of quingestanol acetate. Giannina T, et al. **Proc Soc Exp Biol Med** 131:781-9, Jul 69

Effect of norethindrone on submandibular glands and dental caries in female rats. Liu FT, et al. **Proc Soc Exp Biol Med** 131:331-5, Jun 69

High-dosage short-term corticotrophin therapy in acute asthma. Glick IW, et al. **Thorax** 24:415-20, Jul 69

Studies of adrenocortical ultrastructure. 3. Effects of dexamethasone and medroxyprogesterone on interrenal cells of the domestic fowl. Kjaerheim A. **Z Zellforsch** 91:456-74, 1968

The ACTH cells in the adenohypophysis of the Mexican cave fish Anoptichthys jordani, as identified by metopirone (SU 4885) treatment. Matthelj JA. **Z Zellforsch** 92:588-95, 1968

The effect of metopirone and aldactone on the interrenal tissue of intact and pars distalis-ectomized common frogs, Rana temporaria. Van Kemenade JA. **Z Zellforsch** 92:567-82, 1968

Effect of ACTH and hypophysectomy on the interrenal tissue in the common frog, Rana temporaria. Van Kemenade JA. **Z Zellforsch** 92:549-66, 1968

[Development of plasma lipids in rabbits subjected to repeated administration of morphine] Sable-Amplis R, et al. **J Physiol (Paris)** 59:Suppl:292-3, 1967 **(Fre)**

[On the mechanism of action of biguanides in man] Beckmann R. **Arzneimittelforschung** 19:628-33, Apr 69 (106 ref.) **(Ger)**

[Angiotensin] Fülgraff G. **Med Welt** 17:1001-6, Apr 69 **(Ger)**

[2-desoxy-d-glucose for determination of functional reserve of the adrenal medulla in Addison's disease] Self FJ, et al. **Med Welt** 42:2264-7, 19 Oct 68 **(Ger)**

[The inhibitory effect of anti-inflammatory equipotent doses of dexamethasone and triamcinolone on the secretion rhythm of adrenal cortex steroids] Radvila A, et al. **Schweiz Med Wschr** 99:709-11, 10 May 69 **(Ger)**

[Experimental stress and supply of ascorbic acid] Piroth M. **Verh Deutsch Ges Path** 52:478-80, 1968 **(Ger)**

[Histophysiological investigations of the development of the interrenal organ in the clawed toad (Xenopus laevis Daudin)] Leist KH, et al. **Z Zellforsch** 93:105-25, 1969 **(Ger)**

[Effects of 6-methyl-prednisolone (with immediate and delayed action) on glycoactive function of the adrenal gland, in relation to age and sex of the patients] Martinelli M, et al. **Endocr Sci Cost** 30:298-306, Apr 69 **(Ita)**

[An experimental study on the influence of vitamin E on the gonad of male albino rats] Yokoo T. **Acta Urol Jap** 15:171-94, Mar 69 **(Jap)**

[The effect of benzene fumes on the functional activity of the hypophysis, adrenals and ovaries of white rats under experimental conditions] Matysiak VG. **Gig Sanit** 33:98-100, Sep 68 **(Rus)**

[Some indices of the status of the sympathetic-adrenal system in animals subjected to the prolonged effect of carbon disulfide] Grishko FI. **Gig Tr Prof Zabol** 13:46, Apr 69 **(Rus)**

[On the effect of chloroquine phosphate on the glucocorticoid function of the adrenal cortex in patients with lupus erythematosus] Berezhnaia LA. **Vestn Derm Vener** 41:27-8, Jan 67 **(Rus)**

EMBRYOLOGY

Maternal and fetal effects of two inhibitors of 3 beta-hydroxysteroid dehydrogenase and delta 5-4,3-ketosteroid isomerase in the rat. Goldman AS. **Endocrinology** 85:325-9, Aug 69

Development of endocrine function in the human placenta and fetus (first of two parts). Villee DB. **New Eng J Med** 281:473-84, 28 Aug 69 (88 ref.)

ENZYMOLOGY

A new determination of oxidized and reduced nicotinamide-adenine dinucleotide in tissues. Kaneko T, et al. **Anal Biochem** 29:193-202, May 69

Adenyl cyclase and hormone action. 3. Calcium requirement for ACTH stimulation of adenyl cyclase. Bär HP, et al. **Biochem Biophys Res Commun** 34:681-6, 6 Jun 69

Nucleotide inhibition of adenyl cyclase activity in fat cell membranes. Cryer PE, et al. **Biochim Biophys Acta** 177:586-90, 6 May 69

Delta-5-3-ketosteroid isomerase activities in guinea-pig adrenal glands: the role of copper ions. Ewald W, et al. **Biochim Biophys Acta** 167:444-55, 8 Oct 68

The reaction of delta-5-androstene-3,17-dione with cupric ion. Koerner DR. **Biochim Biophys Acta** 176:880-2, 10 Jun 69

Cholesterol side-chain cleavage activity in the adrenal gland of the young rat: development and responsiveness to adrenocorticotropin hormone. Doering CH, et al. **Endocrinology** 85:500-11, Sep 69

Maternal and fetal effects of two inhibitors of 3 beta-hydroxysteroid dehydrogenase and delta 5-4,3-ketosteroid isomerase in the rat. Goldman AS. **Endocrinology** 85:325-9, Aug 69

Effects of hypophysectomy and ACTH administration on the level of adrenal cholesterol side-chain desmolase. Kimura T. **Endocrinology** 85:492-9, Sep 69

A strain difference in the adrenal zona glomerulosa determined by one gene-locus. Shire JG. **Endocrinology** 85:415-22, Sep 69

Compensatory hypertrophy and phenylethanolamine N-methyl transferase (PNMT) activity in the rat adrenal. Ciaranello RD, et al. **Life Sci** 8:401-7, 1 Apr 69

Localization of the delta5-3beta-hydroxysteroid dehydrogenase and 21-hydroxylase activities in smooth-surfaced microsomes of adrenals. Inano H, et al. **Steroids** 13:357-63, Mar 69

[Biochemical and histochemical study of phosphatase activity in the adrenal glands of the rabbit] Jonadet M, et al. **Path Biol (Paris)** 16:927-34, Nov 68 **(Fre)**

[Histochemical observations on the course of beta-hydroxybutyrate dehydrogenase and non specific esterase in whole body irradiated rats]

Walther G, et al.
Acta Med Acad Sci Hung 25:225-35, 1968 (Ger)

GROWTH & DEVELOPMENT

Inductive transformation as a basic phenomenon in the genesis of cells of the zona fasciculata and reticularis of the adrenal cortex. Kahri A.
Acta Anat (Basel) 71:67-78, 1968

Cholesterol side-chain cleavage activity in the adrenal gland of the young rat: development and responsiveness to adrenocorticotropin hormone. Doering CH, et al. Endocrinology 85:500-11, Sep 69

Effects of forced-feeding on blood levels of pyruvate, glucocorticoids and glucose and on adrenal weight in thiamine-deprived and thiamine antagonist-treated rats. Bitter RA, et al. J Nutr 98:147-52, Jun 69

[Histophysiological investigations of the development of the interrenal organ in the clawed toad (Xenopus laevis Daudin)] Leist KH, et al.
Z Zellforsch 93:105-25, 1969 (Ger)

[The influence of pinealectomy on the weight and histologic changes in the testes and adrenals of cockerls] Zadura J, et al.
Acta Physiol Pol 20:117-24, Jan-Feb 69 (Pol)

IMMUNOLOGY

Anti-adrenal, cellular hypersensitivity in Addison's disease. Nerup J, et al.
Clin Exp Immun 4:355-63, Apr 69

Autoantibodies in patients with vitiligo. Brostoff J.
Lancet 2:177-8, 26 Jul 69

[Addison's disease and thyrotoxic crisis] Couturier E, et al. Presse Med 77:515-6, 22 Mar 69 (Fre)

INNERVATION

[Nervous influences on the activity of the adrenal cortex] Abdullin GZ.
Fiziol Zh SSSR Sechenov 54:502-6, Apr 68 (Rus)

METABOLISM

A radio-bioassay for corticotrophin. Bukovsan W.
Acta Endocr (Kobenhavn) 61:76-82, May 69

Effects of experimental renal hypertension on aldosterone biosynthesis by rat adrenal tissue. Müller J, et al. Acta Endocr (Kobenhavn) 60:669-80, Apr 69

Evaluation of adrenal function in experimental vitamin C deficiency. Kapanowski L.
Acta Med Pol 10:119-36, 1969

Effect of angiotensin superfusion on the rate of aldosterone production by incubated rat adrenals. Spät A, et al.
Acta Physiol Acad Sci Hung 35:149-51, 1969

Corticosteroidogenesis and cytochrome levels in the regenerating rat adrenal. Gallant S, et al.
Arch Biochem 131:441-8, May 69

Substrate-induced efflux of anions from bovine adrenal cortex mitochondria and its relationship to steroidogenesis. Simpson ER, et al.
Biochem Biophys Res Commun 34:765-70, 6 Jun 69

Suppression of adrenal metabolism of 4-14C-progesterone by testosterone-oxime and 17a-methyltestosterone-oxime in vitro. Rembiesa R, et al. Biochem Pharmacol 18:701-6, Apr 69

Inhibiting effect of angiotensin on potassium accumulation of adrenal cortex. Szalay KS.
Biochem Pharmacol 18:962-4, Apr 69

Conversion of 17-alpha-hydroxypregnenolone to alpha, beta-unsaturated 3-ketosteroids by the previable human foetus. Jackanicz TM, et al.
Biochim Biophys Acta 176:883-5, 10 Jun 69

Effect of ouabain on corticosterone biosynthesis an on potassium and sodium concentration in calf adrenal tissue in vitro. Wellen JJ, et al.
Biochim Biophys Acta 183:110-7, 3 Jun 69

Cholesterol side-chain cleavage activity in the adrenal gland of the young rat: development and responsiveness to adrenocorticotropin hormone. Doering CH, et al. Endocrinology 85:500-11, Sep 69

Effects of hypophysectomy and ACTH administration on the level of adrenal cholesterol side-chain desmolase. Kimura T. Endocrinology 85:492-9, Sep 69

Adrenal sterol metabolism in the hamster following ACTH and cortisol administration. Lloyd BJ.
Endocrinology 85:347-50, Aug 69

Effects of sodium deficiency, potassium deficiency and uremia upon the steroidogenic response of rat adrenal tissue to serotonin, potassium ions and adrenocorticotropin. Müller J, et al.
Endocrinology 85:43-9, Jul 69

A strain difference in the adrenal zona glomerulosa determined by one gene-locus. Shire JG.
Endocrinology 85:415-22, Sep 69

Nuclear concentration of 3H-estradiol in target tissues. Dry-mount autoradiography of vagina, oviduct, ovary, testis, mammary tumor, liver and adrenal. Stumpf WE. Endocrinology 85:31-7, Jul 69

Increased metabolism of metyrapone in rats pretreated with diphenylhydantoin or phenobarbital. Szeberenyi S, et al. Endocrinology 85:575-6, Sep 69

Studies on the efficiency of adrenocortical 11 beta-hydroxylation in the human subject. Nicolis GL, et al. J Clin Endocr 29:831-6, Jun 69

Secretion of C19-steroids and oestrogens in the polycystic ovary syndrome: production and secretion rates measured by isotope dilution in urine. Jeffcoate SL, et al. J Endocr 42:213-28, Oct 68

Early effects of feeding excess vitamin A: mechanism of fatty liver production in rats. Singh VN, et al.
J Lipid Res 10:395-401, Jul 69

Acute hydrocephalus secondary to occlusion of the aqueduct by a bullet. Lang EK.
J Louisiana Med Soc 121:167-8, May 69

Tissue localization studies of a DDD analog. DiGiulio W, et al. J Nucl Med 9:634-7, Dec 68

An approach to developing adrenal-gland scanning. Nagai T, et al. J Nucl Med 9:576-81, Nov 68

Development of endocrine function in the human placenta and fetus (first of two parts). Villee DB.
New Eng J Med 281:473-84, 28 Aug 69 (88 ref.)

The assay of ACTH and the action of ACTH and steroids on corticosteroidogenesis in the mouse. Purrott RJ, et al. Pflueger Arch 309:107-14, 1969

18-Hydrocorticosterone biosynthesis in an aldosterone secreting tumor and in the surrounding nontumorous adrenal gland. Marusic ET, et al.
Proc Soc Exp Biol Med 131:778-80, Jul 69

The distribution of rabbit anti-mouse thymus globulin after injection into mice. Nava C, et al.
Proc Soc Exp Biol Med 131:990-4, Jul 69

Reactions of 20-hydroxylated steroids with bovine adrenal tissue preparations. Burstein SH, et al.
Steroids 13:399-412, Mar 69

The effect of metopirone and aldactone on the interrenal tissue of intact and pars distalis-ectomized common frogs, Rana temporaria. Van Kemenade JA.
Z Zellforsch 92:567-82, 1968

Effect of ACTH and hypophysectomy on the interrenal tissue in the common frog, Rana temporaria. Van Kemenade JA. Z Zellforsch 92:549-66, 1968

[Dynamics of the nucleic acids of the thyroid, ovary, testis, pancreas and adrenal glands of animals (rats) of various ages] Tanase I, et al.
G Geront 17:17-22, 2 Mar 68 (Fre)

[Metabolism of 9beta, 10alpha-testosterone in tissue preparations of rat liver and bovine adrenal glands] Breuer H, et al.
Hoppe Seyler Z Physiol Chem 350:581-90, May 69 (Ger)

[Effect of cyclic adenosine-3',5'-monophosphate (3',5'-AMP) and its dibutyryl derivative (DBA) on lipolysis, glycogenolysis and corticosterone synthesis] Bieck P, et al.
Naunyn Schmiedeberg Arch Pharm Exp Path 263:387-405, 1969 (Ger)

[On the distribution and metabolism of 3H-peruvoside in the guinea pig] Schaum E.
Naunyn Schmiedeberg Arch Pharm Exp Path 260:194, 1968 (Ger)

[Autoradiographic examination with 3H-DOPA regarding the catecholamine metabolism of the carotid body] Helpap B, et al.
Verh Deutsch Ges Path 52:464-9, 1968 (Ger)

[Autoradiographical investigation of the RNA and DNA metabolism of the adrenal cortex in hypophysectomized rats] Meyer D.
Z Zellforsch 92:447-51, 1968 (Ger)

[Glycoactive function of the adrenal cortex in old age] Serio M, et al. G Geront 17:73-7, 2 Mar 68 (29 ref.) (Ita)

[On the usage of electrochemical technique for the determination of intensity of oxygen consumption in tissues] Arutiunov LI.
Fiziol Zh SSSR Sechenov 54:867-9, Jul 68 (Rus)

[On the effect of local destruction of the posterior hypothalamic structures on the intensity of protein synthesis in blood and organs of rabbits] Korneva EA.
Fiziol Zh SSSR Sechenov 55:93-8, Jan 69 (Rus)

[Tumors of the hypophysis in Itsenko-Cushing disease]

Soskin LS, et al.
Zh Nevropat Psikhiat Korsakov 69:286-92, 1969 (101 ref.) (Rus)

MICROBIOLOGY

Studies on bovine bacterial pyelonephritis. II. Experimental infection of cows with Corynebacterium renale type I. Hiramune T, et al. Nat Inst Anim Health Quart (Tokyo) 8:187-94, Winter 68

PATHOLOGY

Experimental studies on thyroid-adrenal interrelationships in rats. Johansson H, et al. Acta Chir Scand 134:99-102, 1968

Changes in trace elements and enzyme activities in tissues of zinc-deficient pigs. Prasad AS, et al. Amer J Clin Nutr 22:628-37, May 69

Adrenal insufficiency and inappropriate secretion of antidiuretic hormone. Occurrence in a patient with carcinoma of the lung. Schambelan M, et al. Arch Intern Med (Chicago) 124:197-201, Aug 69

Cytomegaly of the adrenal cortex. Electron microscopy in Beckwith's syndrome. Borit A, et al. Arch Path (Chicago) 88:58-64, Jul 69

Non-tumorous "primary" aldosteronism: II. Type not relieved by glucocorticoid. Salti IS, et al. Canad Med Ass J 101:11-6, 12 Jul 69

Effects of 8-azaguanine on the pathogenesis of experimental Chagas' disease. Shoemaker JP, et al. J Parasit 55:654-9, Jun 69

Unilateral adrenal necrosis and haemorrhage following operations on the stomach. Fox B. J Path 97:127-35, Jan 69

Thymic alymphoplasia with XX-XY lymphoid chimerism secondary to probable maternal-fetal transfusion. Githens JH, et al. J Pediat 75:87-94, Jul 69

Pathological findings in hydrops foetalis due to alpha-thalassamemia: a review of 32 cases. Lie-Injo LE, et al. Trans Roy Soc Trop Med Hyg 62:874-9, 1968

Studies of adrenocortical ultrastructure. 3. Effects of dexamethasone and medroxyprogesterone on interrenal cells of the domestic fowl. Kjaerheim A. Z Zellforsch 91:456-74, 1968

[Morphological studies on the effect of a blood extract on the behavior of liver, lungs and adrenal cortex in influenza virus infected albino mice] Gädeke R, et al. Arzneimittelforschung 19:591-603, Apr 69 (Ger)

[2-desoxy-d-glucose for determination of functional reserve of the adrenal medulla in Addison's disease] Seif FJ, et al. Med Welt 42:2264-7, 19 Oct 68 (Ger)

[Use of the polarization-microscopy method in the experimental assessment of the comparative reactogenicity of various vaccines] Leites FL, et al. Zh Mikrobiol 44:137-8, Mar 67 (Rus)

[Observations on the pathologic anatomy, pathogenesis, and evolution of paracoccidioidomycosis] Brass K. Mycopathologia 37:119-38, 28 Mar 69 (Spa)

PHYSIOLOGY

Evaluation of the role of the feedback effect of corticosteroids in the control of pituitary ACTH release. Bohus B. Acta Physiol Acad Sci Hung 35:141-8, 1969

Pituitary adrenocorticotrophic hormone (ACTH) induced hypoglycaemia. Korányi L, et al. Acta Physiol Acad Sci Hung 35:41-6, 1969

Effect of the median eminence of the pigeon (Columba livia domestica L.) on the regulation of adenohypophysial corticotropin secretion. Péczely P. Acta Physiol Acad Sci Hung 35:47-57, 1969

Blood pressure responses to angiotensin II following aldosterone and adrenalectomy. Ajzen H, et al. Acta Physiol Lat Amer 17:131-6, 1967

Histochemical and morphologic changes in gastric mucosa of dogs on ulcerogenic regimen. Spicer SS, et al. Amer J Path 56:129-51, Jul 69

Effect of endocrine glands on function of the gastrointestinal tract. Study of the thyroid, parathyroid, and adrenal glands. Gregory CH, et al. Amer J Surg 117:893-906, Jun 69 (169 ref.)

Objective evaluation of pentobarbital as preanesthetic medication: effect on adrenocortical function. Oyama T, et al. Anesth Analg (Cleveland) 48:367-72, May-Jun 69

Interaction of experience with adrenal and sex hormones on the behaviour of hamsters in the open field test. Swanson HH. Anim Behav 17:148-54, Feb 69

The hypothalamus and pancreas in intestinal function. Lepkovsky S, et al. Ann NY Acad Sci 157:1062-8, 15 May 69 (13 ref.)

Some determinants of preference and aversion in the rat. Mook DG. Ann NY Acad Sci 157:1158-75, 15 May 69

Studies on soluble and mitochondrial tyrosine aminotransferase: evidence for a physical change in the cytosol enzyme during induction. Miller JE, et al. Biochem Biophys Res Commun 36:35-41, 7 Jul 69

In vitro stimulation of RNA synthesis in isolated rat liver nuclei by glucocorticoids. Ohtsuka E, et al. Biochem Biophys Res Commun 34:648-52, 6 Jun 69

The sequential stimulation of uracil-rich and guanine-rich RNA species during cortisone induction of hepatic enzymes. Yu FL, et al. Biochem Biophys Res Commun 35:499-504, 22 May 69

Experimental studies on the carbonic anhydrase activity. XII. Effect of adrenocorticosteroids on carbonic anhydrase and Na+-K+-activated adenosine triphosphatase from kidney of adrenalectomized mice and rats. Suzuki S, et al. Biochem Pharmacol 18:993-1003, May 69

Effects of 5-azacytidine on polyribosomes and on the control of tyrosine transaminase activity in rat liver. Levitan IB, et al. Biochim Biophys Acta 182:491-500, 17 Jun 69

Circadian rhythms and their significance to the anaesthetist: a review. Hunter ME. Canad Anaesth Soc J 16:253-9, May 69 (33 ref.)

Metabolic and electrophoretic studies of rat liver sorbitol dehydrogenase. Murray RK, et al. Canad J Biochem 47:587-93, Jun 69

Abnormally high plasma corticosterone values using the acid fluorescence method. Kraicer J, et al. Clin Chim Acta 23:512-3, Mar 69

The bursa of fabricius and adrenal cortical activity of Gallus domesticus. Freeman BM. Comp Biochem Physiol 29:639-46, May 69

The adrenal gland and lactogenesis. Davis JW, et al. Endocrinology 85:155-60, Jul 69

Corticosteroid response to natural and synthetic corticotrophins in the autotransplanted sheep adrenal. France NC, et al. Endocrinology 85:570-4, Sep 69

Important aspects of the metabolism of the liver cell revealed in selected references. Mulligan RM. Exp Med Surg 26:66-95, 1968 (51 ref.)

Effects of chronic exposure to high altitude on the juxtaglomerular complex and adrenal cortex of dogs, rabbits and rats. Hartroft PM, et al. Fed Proc 28:1234-7, May-Jun 69

Adrenal gland activity in Mt. Everest climbers. Siri WE, et al. Fed Proc 28:1251-6, May-Jun 69

Effects of upright posture on renal electrolyte cycles. Vagnucci AH, et al. J Appl Physiol 26:720-31, Jun 69

Glucocorticoid control of the liver glycogen synthetase-activating system. Mersmann HJ, et al. J Biol Chem 244:1701-4, 10 Apr 69

Effect of a preoperative sugar preference on bar pressing for salt by the adrenalectomized rat. Cullen JW, et al. J Comp Physiol Psychol 67:415-20, Apr 69

Intake of NaCL solution in rats with diabetes insipidus. Palmieri GM, et al. J Comp Physiol Psychol 68:38-44, May 69

Systematic plasma progesterone levels during the pro-oestrous critical period in rats. Feder HH, et al. J Endocr 43:xxix, Jan 69

Early effects of feeding excess vitamin A: mechanism of fatty liver production in rats. Singh VN, et al. J Lipid Res 10:395-401, Jul 69

Influence of hormones on N-2-fluorenyldiacetamide-induced hyperplastic hepatic nodules in rats. Reuber MD. J Nat Cancer Inst 43:445-52, Aug 69

Sodium-22 retention and 17-hydroxycorticosteroid excretion in affective disorders: a preliminary report. Baer L, et al. J Psychiat Res 6:289-97, May 69

Reproductive physiology of the post partum cow. II. Pituitary, adrenal and thyroid function. Wagner WC, et al. J Reprod Fertil 18:501-8, Apr 69

Evaluation of three acute tests of hypothalamic-pituitary-adrenal function. Carroll BJ, et al. Metabolism 18:476-83, Jun 69

Cyclic behavior of amino acid transport. Nutr Rev 27:79-81, Mar 69 (5 ref.)

ACTH stimulation and glucocorticoid inhibition of renin release in the rat. Hauger-Klevene JH, et al. Proc Soc Exp Biol Med 131:539-42, Jun 69

Phospholipid composition of mitochondria and microsomes of liver and kidney in adrenalectomized, hypophysectomized, and diabetic rats. Johnson JD, et al. **Proc Soc Exp Biol Med** 131:474-8, Jun 69

Sympatho-adrenomedullary activity, diuresis, and emotional reactions during visual sexual stimulation in human females and males. Levi L. **Psychosom Med** 31:251-68, May-Jun 69

Physiological observations in residents of Bogota, Colombia, altitude 8700 feet. Ordoñez JH. **Rocky Mountain Med J** 66:33-6, Apr 69

[On the mechanism of action of pyrogenic substances on blood sugar changes] Fóris G, et al. **Acta Med Acad Sci Hung** 26:83-92, 1969 (Ger)

[Relationships among lipolysis, gluconeogenesis and insulin secretion after administration of cortisol to rats] Herrmann J, et al. **Europ J Biochem** 7:427-33, Jan 69 (Ger)

[The influence of weather fronts on rabbit adrenal cortex and testicles] Serban A, et al. **Int J Biometeor** 12:359-64, Dec 68 (Ger)

[Effect of corticoids on the survival of animals irradiated with supralethal doses] Zsebök ZB, et al. **Strahlentherapie** 135:623-7, May 68 (Ger)

[Studies of the functional morphology of the neurohypophysis. II. Comparison of histological changes in the median eminence of the rat after bilateral adrenalectomy and hypophysectomy] Bock R, et al. **Z Zellforsch** 94:434-40, 1969 (Ger)

[Contribution on the functional morphology of the neurohypophysis. 3. On the influence of corticoid or ACTH treatment on the appearance of "gomori-positive" granules in the outer layer of the median eminence in rats and mice following bilateral adrenalectomy of hypophysectomy] Bock R, et al. **Z Zellforsch** 96:142-50, 1969 (Ger)

[On quantitative changes of "Gomori-positive" substances in the median eminence and neural lobe of the rat hypophysis after bilateral adrenalectomy] Stöhr PA. **Z Zellforsch** 94:425-33, 1969 (Ger)

[Biorhythm of free plasma cortisol in normal children in early and late childhood] Zammarchi E, et al. **Riv Clin Pediat** 80:646-52, Dec 67 (Ita)

[Findings on adrenocortical function in infants, especially on cortisol metabolism obtained by radioisotope methods] Kato K, et al. **Clin Endocr (Tokyo)** 17:164-7, Mar 69 (Jap)

[The endocrinology of puberty and adolescence. Adrenal glands] Takeuchi S, et al. **Clin Endocr (Tokyo)** 17:95-100, Feb 69 (Jap)

[Endocrinology] Yoshida H. **Naika** 23:40-6, Jan 69 (25 ref.) (Jap)

[The effect of adrenalectomy on histamine-evoked secretion of gastric juice in rats] Gazhala EM, et al. **Fiziol Zh SSSR Sechenov** 54:240-4, Feb 68 (Rus)

[Homeostatic kidney functions in hemorrhage and vasomotor collapse] Lebedev AA, et al. **Fiziol Zh SSSR Sechenov** 54:1115-22, Sep 68 (Rus)

[Bioelectrical activity in the rat brain after injection of thyroidine and 6-methylthiouracile under stress and adrenalectomy] Malyshenko IM. **Fiziol Zh SSSR Sechenov** 54:176-81, Feb 68 (Rus)

[Experimental dithizone diabetes in adrenalectomized rabbits] Ginzburg-Gusakova FL. **Pat Fiziol Eksp Ter** 11:51-4, May-Jun 67 (Rus)

[On the mechanism of the reduction of phagocytic activity of blood leukocytes after adrenalectomy] Ter-Markarian NG. **Pat Fiziol Eksp Ter** 11:55-7, May-Jun 67 (Rus)

[Sympathico-adrenal system and its significance for the organism] Kolesov DV. **Pediatriia** 47:52-7, Aug 68 (Rus)

[The effect of adrenalectomy on the excretion of thymidine and deoxyuridine in irradiated rats] Skurikhina MM, et al. **Radiobiologiia** 7:478-9, May-Jun 67 (Rus)

PHYSIOPATHOLOGY

Smoking and the anesthetic risk. Conroy JP. **Anesth Analg (Cleveland)** 48:388-400, May-Jun 69

Adrenal insufficiency and inappropriate secretion of antidiuretic hormone. Occurrence in a patient with carcinoma of the lung. Schambelan M, et al. **Arch Intern Med (Chicago)** 124:197-201, Aug 69

Biphasic stimulation of aldosterone secretion during hemorrhage in dogs. Fabre LF Jr, et al. **Circ Res** 24:893-900, Jun 69

Some aspects of carbohydrate metabolism in pregnancy with special reference to the energy metabolism and hormonal status of the infant of the diabetic woman and the diabetogenic effect of pregnancy. Baird JD. **J Endocr** 44:139-72, May 69 (279 ref.)

Evaluation of three acute tests of hypothalamic-pituitary-adrenal function. Carroll BJ, et al. **Metabolism** 18:476-83, Jun 69

Studies on adrenal cortical function in patients with lung cancer. Kawai A, et al. **Metabolism** 18:609-19, Jul 69

Persistent estrus: an experimental model of the polycystic ovary syndrome. Singh KB. **Obstet Gynec Survey** 24:2-17, Jan 69 (111 ref.)

Corticosteroid metabolism in depressive illness. Gibbons JL. **Psychiat Neurol Neurochir** 72:195-9, Mar-Apr 69

The pregnant Natal Indian diabetic. Notelovitz M. **S Afr Med J** 43:394-9, 5 Apr 69

[Degranulation of the excretory pancreas and autodigestive pancreatitis] Wanke M, et al. **Verh Deutsch Ges Path** 52:311-6, 1968 (Ger)

[Behavior of fractional, glucurono-conjugated and sulfo-conjugated 17-ketosteroids in hepatic cirrhosis in basic conditions and after loading with testosterone] Abate G, et al. **Endocr Sci Cost** 30:282-97, Apr 69 (Ita)

[The steroid chromatogram in acute icterogenic hepatopathies] Abate G, et al. **Endocr Sci Cost** 30:252-63, Apr 69 (Ita)

[Some findings on the androgen functions of the adrenal cortex in female obesity] Ferramosca B, et al. **Endocr Sci Cost** 29:323-43, Nov 67 (43 ref.) (Ita)

[Glycoactive function of the adrenal gland during myocardial infarct. II. Nyctohemeral rhythm of plasmatic, and urinary cortisol and of urinary 17-hydroxycorticosteroids] Lenzi S, et al. **Endocr Sci Cost** 30:231-51, Apr 69 (Ita)

[Aspects of adrenal cortex function in obesity. VI. The behavior of aldosterone secretion and secretion of its metabolites during some dynamic tests] Scavo D, et al. **Folia Endocr (Roma)** 21:591-602, Oct 68 (Ita)

[Aspects of adrenal cortex function in obesity. V. Daily secretion of aldosterone] Scavo D, et al. **Folia Endocr (Roma)** 21:577-90, Oct 68 (Ita)

[Urinary excretion of 17-hydroxycorticosteroids in the rabbit exposed to experimental electrocution with high-tension current] Zuccato F, et al. **Med Lavoro** 59:760-71, Dec 68 (Ita)

[On diencephalo-hypophyseo-adrenocortical function in various diseases] Kato K, et al. **Clin Endocr (Tokyo)** 17:159-63, Mar 69 (Jap)

[Plasma cortisol in children at the time of death] Yoshida H, et al. **Clin Endocr (Tokyo)** 17:168-70, Mar 69 (Jap)

[Adrenal cortex function tests in bacillary dysentery and food toxinfections] Vîţă A, et al. **Rev Medicochir Iasi** 72:835-40, Oct-Dec 68 (Rum)

[The use of an adrenalin test in evaluating the functional state of the sympathetic-adrenal system] Kassil' GN, et al. **Biull Eksp Biol Med** 67:11-4, Apr 69 (Rus)

[Adaptive responses in guinea pigs during conditions of prolonged cooling] Pegel'man SG, et al. **Fiziol Zh SSSR Sechenov** 53:1212-7, Oct 67 (Rus)

[The glucocorticoid function of the adrenal cortex in patients with chronic poisoning due to certain chlorinated unsaturated hydrocarbons] Rumiantseva EP, et al. **Gig Tr Prof Zabol** 12:16-9, Dec 68 (Rus)

[A study of the functional state of the adrenal cortex in different forms of reticulo-histocytosis during the course of the disease and under the influence of corticosteroid therapy] Nebol'sina LI. **Pediatriia** 47:72-3, Feb 68 (Rus)

[Materials on the study of the function of the adrenal cortex and thyroid gland in patients with mastopathy] Futornyi MG, et al. **Vop Onkol** 15:87-8, 1969 (Rus)

[The influence of desoxycorticosterone on the anti-tumor effect of thiophosphamide in intact and adrenalectomized rats with sarcoma 45] Grushina AA, et al. **Vop Onkol** 15:61-5, 1969 (Rus)

[Glucocorticoid function of the adrenal cortex in patients with cerebral circulatory disorders in atherosclerosis of the cerebral vessels] Rukhmanov AA. **Zh Nevropat Psikhiat Korsakov** 69:220-3, 1969 (Rus)

RADIATION EFFECTS

[On the fine-structural reaction of the adrenal cortex cells to a single application of roentgen rays] Klug H. **Beitr Path Anat** 136:229-44, 1967 (Ger)

[State of the endocrine system in experimental animals with chronic radiation injury] Strel'tsova VN. **Med Radiol (Moskva)** 12:83-92, Oct 67 (35 ref.) **(Rus)**

[Glucocorticoid function of adrenal cortex in rats exposed to polonium-210] Moroz BB, et al. **Radiobiologiia** 8:689-92, Sep-Oct 68 **(Rus)**

RADIOGRAPHY

Arteriography of adrenal neoplasms. Alfidi RJ, et al. **Amer J Roentgen** 106:635-41, Jul 69

SECRETION

Interrelation between adrenal function and formation of testosterone in vivo in the testis of the dog. Wassermann GF, et al. **Acta Endocr (Kobenhavn)** 61:33-47, May 69

Effect of (K+) on the secretion of aldosterone. Funder JW, et al. **Endocrinology** 85:381-4, Aug 69

Suppression of the hypothalami- c-pituitary-adrenal axis in the newborn dog. Muelheims GH, et al. **Endocrinology** 85:365-7, Aug 69

Effects of some organotin compounds on tissue amine levels in rats. Robinson IM. **Food Cosmet Toxic** 7:47-52, Jan 69

Relationships between brain catecholamine synthesis, pituitary adrenal function and the production of hypertension during prolonged exposure to environmental stress. Smookler HH, et al. **Int J Neuropharmacol** 8:33-41, Jan 69

Influence of HCG on the production of oestrogens by the adrenal gland. Hall EV van, et al. **J Endocr** 43:xxxiv, Jan 69

Inhibition of the response to pituitary adrenocorticotrophic hormone in the hypophysectomized rat by circulatory corticosterone. Hill CD, et al. **J Endocr** 42:301-9, Oct 68

Stimulation of adrenal glucocorticoid secretion in man by raising the body temperature. Collins KJ, et al. **J Physiol (London)** 202:645-60, Jun 69

Effect of physical exercise on adrenocortical excretion. Bellet S, et al. **Metabolism** 18:484-7, Jun 69

Secretion of pregn-4-ene-3,20-dione (progesterone) in vivo by the adrenal gland of the rat. Holzbauer M, et al. **Nature (London)** 221:572-3, 8 Feb 69

The anesthetist surveys the arthritic patient. Krisher JA. **Surg Clin N Amer** 49:757-61, Aug 69

Nonsteroid, calcitonin-like factor from the adrenal gland. Kaplan EL, et al. **Surgery** 66:167-74, Jul 69

[Inhibitions of steroid biosynthesis in the adrenal gland by aminogluthetimide (Elipten CIBA) and its practical significance] Horký K, et al. **Vnitrni Lek** 15:417-25, May 69 **(Cze)**

[The inhibitory effect of anti-inflammatory equipotent doses of dexamethasone and triamcinolone on the secretion rhythm of adrenal cortex steroids] Radvila A, et al. **Schweiz Med Wschr** 99:709-11, 10 May 69 **(Ger)**

[Cortisone therapy syntonized with the circadian rhythm of the cortico-adrenal incretion] Bellomi C. **Rass Trim Odont** 49:251-7, Jul-Sep 68 **(Ita)**

[Secretion of ACTH and content of vasopressin in hypothalamus in guinea pigs] Leśnik H, et al. **Endokr Pol** 20:187-97, May-Jun 69 **(Pol)**

SURGERY

[Secretion of insulin in vitro by the pancreas of normal rats, adrenalectomized or with enucleated adrenal glands] Sutter BC, et al. **J Physiol (Paris)** 59:Suppl:299-300, 1967 **(Fre)**

TRANSPLANTATION

The metopirone test in hypophysectomized dogs with salivary or adrenal gland transplants. Alvarez-Buylla R, et al. **Acta Physiol Lat Amer** 17:253-7, 1967

Corticosteroid response to natural and synthetic corticotrophins in the autotransplanted sheep adrenal. France NC, et al. **Endocrinology** 85:570-4, Sep 69

Effect of (K+) on the secretion of aldosterone. Funder JW, et al. **Endocrinology** 85:381-4, Aug 69

Allograft implants in the anterior chamber of the eye of the rabbit. Early vascularization and sensitization of the host. Raju S, et al. **Transplantation** 7:475-83, Jun 69

ADRENALECTOMY

Evaluation of the role of the feedback effect of corticosteroids in the control of pituitary ACTH release. Bohus B. **Acta Physiol Acad Sci Hung** 35:141-8, 1969

Pituitary adrenocorticotrophic hormone (ACTH) induced hypoglycaemia. Korányi L, et al. **Acta Physiol Acad Sci Hung** 35:41-6, 1969

Blood pressure responses to angiotensin II following aldosterone and adrenalectomy. Ajzen H, et al. **Acta Physiol Lat Amer** 17:131-6, 1967

Interaction of experience with adrenal and sex hormones on the behaviour of hamsters in the open field test. Swanson HH. **Anim Behav** 17:148-54, Feb 69

Some determinants of preference and aversion in the rat. Mook DG. **Ann NY Acad Sci** 157:1158-75, 15 May 69

Corticosteroidogenesis and cytochrome levels in the regenerating rat adrenal. Gallant S, et al. **Arch Biochem** 131:441-8, May 69

Studies on soluble and mitochondrial tyrosine aminotransferase: evidence for a physical change in the cytosol enzyme during induction. Miller JE, et al. **Biochem Biophys Res Commun** 36:35-41, 7 Jul 69

In vitro stimulation of RNA synthesis in isolated rat liver nuclei by glucocorticoids. Ohtsuka E, et al. **Biochem Biophys Res Commun** 34:648-52, 6 Jun 69

The sequential stimulation of uracil-rich and guanine-rich RNA species during cortisone induction of hepatic enzymes. Yu FL, et al. **Biochem Biophys Res Commun** 35:499-504, 22 May 69

Experimental studies on the carbonic anhydrase activity. XII. Effect of adrenocorticosteroids on carbonic anhydrase and Na+-K+-activated adenosine triphosphatase from kidney of adrenalectomized mice and rats. Suzuki S, et al. **Biochem Pharmacol** 18:993-1003, May 69

Effects of 5-azacytidine on polyribosomes and on the control of tyrosine transaminase activity in rat liver. Levitan IB, et al. **Biochim Biophys Acta** 182:491-500, 17 Jun 69

Role of catecholamines in centrogenic cardiac arrhythmia induced by aconitine. Bhargava KP, et al. **Brit J Pharmacol** 36:240-52, Jun 69

The effect of rabbit anti-rat lymphocyte serum on the survival of adrenalectomized rats. Baethmann A, et al. **Brit J Surg** 56:617, Aug 69

Conjugation of steroid hormones by breast-cancer tissue and selection of patients for adrenalectomy. Dao TL, et al. **Brit J Surg** 56:627, Aug 69

Metabolic and electrophoretic studies of rat liver sorbitol dehydrogenase. Murray RK, et al. **Canad J Biochem** 47:587-93, Jun 69

Non-tumorous "primary" aldosteronism: II. Type not relieved by glucocorticoid. Salti IS, et al. **Canad Med Ass J** 101:11-6, 12 Jul 69

Non-tumorous "primary" aldosteronism. I. Type relieved by glucocorticoid (glucocorticoid-remediable aldosteronism). Salti IS, et al. **Canad Med Ass J** 101:1-10, 12 Jul 69

Abnormally high plasma corticosterone values using the acid fluorescence method. Kraicer J, et al. **Clin Chim Acta** 23:512-3, Mar 69

A statistical solution to an ethical problem. Bross ID, et al. **Clin Pharmacol Ther** 10:307-13, May-Jun 69

The adrenal gland and lactogenesis. Davis JW, et al. **Endocrinology** 85:155-60, Jul 69

Effects of adrenalectomy and repeated convulsions on responses of rats to flurothyl. Davis WM, et al. **Int J Neuropharmacol** 8:55-9, Jan 69

Glucocorticoid control of the liver glycogen synthetase-activating system. Mersmann HJ, et al. **J Biol Chem** 244:1701-4, 10 Apr 69

Pathogenesis of hyperkalemia in hypoaldosteronism. Hills AG. **J Clin Endocr** 29:988-9, Jul 69

Pathogenesis of hyperkalemia in hypoaldosteronism. Vagnucci AH. **J Clin Endocr** 29:989-90, Jul 69

Normal and abnormal regulation of beta-msh in man. Abe K, et al. **J Clin Invest** 48:1580-5, Aug 69

Effect of a preoperative sugar preference on bar pressing for salt by the adrenalectomized rat. Cullen JW, et al. **J Comp Physiol Psychol** 67:415-20, Apr 69

Intake of NaCL solution in rats with diabetes insipidus. Palmieri GM, et al. **J Comp Physiol Psychol** 68:38-44, May 69

Inhibition of the response to pituitary adrenocorticotrophic hormone in the hypophysectomized rat by circulatory corticosterone. Hill CD, et al. **J Endocr** 42:301-9, Oct 68

Early effects of feeding excess vitamin A: mechanism

of fatty liver production in rats. Singh VN, et al. J Lipid Res 10:395-401, Jul 69

Influence of hormones on N-2-fluorenyldiacetamide-induced hyperplastic hepatic nodules in rats. Reuber MD. J Nat Cancer Inst 43:445-52, Aug 69

Influence of adrenalectomy on the synthesis of norepinephrine in the rat heart. Westfall TC, et al. J Pharmacol Exp Ther 167:300-8, Jun 69

Bilateral testicular tumors in untreated congenital adrenocortical hyperplasia. Earll JM, et al. JAMA 209:937-9, 11 Aug 69

Compensatory hypertrophy and phenylethanolamine N-methyl transferase (PNMT) activity in the rat adrenal. Ciaranello RD, et al. Life Sci 8:401-7, 1 Apr 69

Cortisol induction of lipolysis in adrenalectomized diabetic rats. McCraw EF, et al. Life Sci 8:505-9, 15 May 69

The recognition and treatment of adrenal crisis. Pazianos AG. Med Clin N Amer 53:459-63, Mar 69 (9 ref.)

Secretion of pregn-4-ene-3,20-dione (progesterone) in vivo by the adrenal gland of the rat. Holzbauer M, et al. Nature (London) 221:572-3, 8 Feb 69

ACTH stimulation and glucocorticoid inhibition of renin release in the rat. Hauger-Klevene JH, et al. Proc Soc Exp Biol Med 131:539-42, Jun 69

Phospholipid composition of mitochondria and microsomes of liver and kidney in adrenalectomized, hypophysectomized, and diabetic rats. Johnson JD, et al. Proc Soc Exp Biol Med 131:474-8, Jun 69

Adaptation to dietary sodium restriction in adrenocortical insufficiency. Liberman B, et al. Rev Franc Etud Clin Biol 14:46-51, Jan 69

Present status of the diagnosis and treatment of Cushing's syndrome. Freeark RJ, et al. Surg Clin N Amer 49:179-90, Feb 69 (19 ref.)

Conjugation of steroid hormones by breast cancer tissue and selection of patients for adrenalectomy. Dao TL, et al. Surgery 66:162-6, Jul 69

Nonsteroid, calcitonin-like factor from the adrenal gland. Kaplan EL, et al. Surgery 66:167-74, Jul 69

[Secretion of insulin in vitro by the pancreas of normal rats, adrenalectomized or with enucleated adrenal glands] Sutter BC, et al. J Physiol (Paris) 59:Suppl:299-300, 1967 (Fre)

[Ligature of the intestinal lymphatics and arteriosclerosis (26 months' experience)] Servelle M, et al. Sem Hop Paris 45:571-5, 20 Feb 69 (Fre)

[On the mechanism of action of pyrogenic substances on blood sugar changes] Fóris G, et al. Acta Med Acad Sci Hung 26:83-92, 1969 (Ger)

[Relationships among lipolysis, gluconeogenesis and insulin secretion after administration of cortisol to rats] Herrmann J, et al. Europ J Biochem 7:427-33, Jan 69 (Ger)

[Effect of corticoids on the survival of animals irradiated with supralethal doses] Zsebök ZB, et al. Strahlentherapie 135:623-7, May 68 (Ger)

[Degranulation of the excretory pancreas and autodigestive pancreatitis] Wanke M, et al. Verh Deutsch Ges Path 52:311-6, 1968 (Ger)

[Studies of the functional morphology of the neurohypophysis. II. Comparison of histological changes in the median eminence of the rat after bilateral adrenalectomy and hypophysectomy] Bock R, et al. Z Zellforsch 94:434-40, 1969 (Ger)

[Contribution on the functional morphology of the neurohypophysis. 3. On the influence of corticoid or ACTH treatment on the appearance of "gomori-positive" granules in the outer layer of the median eminence in rats and mice following bilateral adrenalectomy of hypophysectomy] Bock R, et al. Z Zellforsch 96:142-50, 1969 (Ger)

[Enzyme-histochemical investigation of the infundibulum and neural lobe in the normal and bilaterally adrenalectomized rat] Bock R, et al. Z Zellforsch 95:415-28, 1969 (Ger)

[On quantitative changes of "Gomori-positive" substances in the median eminence and neural lobe of the rat hypophysis after bilateral adrenalectomy] Stöhr PA. Z Zellforsch 94:425-33, 1969 (Ger)

[Case of myopathy with Cushing's syndrome] Kawanami M, et al. Saishin Igaku 24:431-6, 10 Feb 68 (Jap)

[Clinical study of urinary 17-ketosteroid fractions in breast cancer--correlation with the effect of adrenalectomy in progressive breast cancer] Sakauchi N, et al. Saishin Igaku 24:463-70, 10 Feb 68 (Jap)

[Studies on the reversibility of shock in animals after adrenalectomy or chemical sympathectomy] Krawczak J. Acta Physiol Pol 20:261-76, 1969 (Pol)

[Results of surgical treatment for Cushing's disease] Przybyszowski A. Pol Przegl Chir 41:395-400, 1969 (Pol)

[Surgical treatment of primary aldosteronism in the light of 13 observed cases] Gasiński J, et al. Pol Tyg Lek 24:261-4, 25 Feb 69 (Pol)

[Changes of thyroid structure and of hormonal iodine (PBI) in experimental hypercorticism and their evolution after subtotal adrenalectomy] Damian A, et al. Stud Cercet Endocr 19:493-6, 1968 (Rum)

[Dynamics of aldosteronuria in Cushing's disease after adrenalectomy] Stroe E, et al. Stud Cercet Endocr 19:503-10, 1968 (Rum)

[A study of the effect of bacterial endotoxins on oxidative phosphorylation in the liver] Niselovskaia LI, et al. Biull Eksp Biol Med 67:51-3, Apr 69 (Rus)

[The effect of adrenalectomy on histamine-evoked secretion of gastric juice in rats] Gazhala EM, et al. Fiziol Zh SSSR Sechenov 54:240-4, Feb 68 (Rus)

[Homeostatic kidney functions in hemorrhage and vasomotor collapse] Lebedev AA, et al. Fiziol Zh SSSR Sechenov 54:1115-22, Sep 68 (Rus)

[Bioelectrical activity in the rat brain after injection of thyroidine and 6-methylthiouracile under stress and adrenalectomy] Malyshenko IM. Fiziol Zh SSSR Sechenov 54:176-81, Feb 68 (Rus)

[Efferent impulsation in the sympathetic conductors of conscious animals in adrenalectomy and corticosteroid administration] Nozdrachev AD. Fiziol Zh SSSR Sechenov 53:1161-8, Oct 67 (Rus)

[Experimental dithizone diabetes in adrenalectomized rabbits] Ginzburg-Gusakova FL. Pat Fiziol Eksp Ter 11:51-4, May-Jun 67 (Rus)

[On the method of adrenalectomy in rabbits for obtaining chronic adrenal insufficiency] Sveshnikov AA, et al. Pat Fiziol Eksp Ter 11:77-8, May-Jun 67 (Rus)

[On the mechanism of the reduction of phagocytic activity of blood leukocytes after adrenalectomy] Ter-Markarian NG. Pat Fiziol Eksp Ter 11:55-7, May-Jun 67 (Rus)

[The effect of adrenalectomy on the excretion of thymidine and deoxyuridine in irradiated rats] Skurikhina MM, et al. Radiobiologiia 7:478-9, May-Jun 67 (Rus)

[Comparative data on the level of intraocular pressure in Itsenko-Cushing disease before and after surgical treatment] Kalinin AP, et al. Vestn Oftal 80:22-4, May-Jun 67 (Rus)

[Tumors of the hypophysis in Itsenko-Cushing disease] Soskin LS, et al. Zh Nevropat Psikhiat Korsakov 69:286-92, 1969 (101 ref.) (Rus)

[Surgery of the endocrine glands in breast cancer] Abizanda JM. Acta Oncol (Madrid) 7:242-6, Jul-Dec 68 (Spa)

ADVERSE EFFECTS

Erythrokinetics in adrenalectomized dogs. Bozzini CE, et al. Acta Physiol Lat Amer 18:304-10, 1968

Pheochromocytoma: observations on mechanism of carbohydrate intolerance and abnormalities associated with development of Goldblatt kidney following removal of tumor. Brooks MH, et al. Metabolism 18:445-59, Jun 69

[Acute adrenal insufficiency] Luton JP, et al. Presse Med 77:1104, 25 Jun 69 (Fre)

PITUITARY-ADRENAL FUNCTION TESTS

Semiquantitative estimation of urinary pregnanetriol, pregnanetriolone and tetrahydro S in the investigation of adrenocortical function. Thomas FJ, et al. Acta Endocr (Kobenhavn) 60:645-56, Apr 69

Quantitative estimation of urinary pregnanetriol, pregnanetriolone, tetrahydro S and delta-5-pregnenetriol in the investigation of adrenocortical function. Thomas FJ, et al. Acta Endocr (Kobenhavn) 60:657-68, Apr 69

Amenorrhea associated with emaciation. Timonen S, et al. Ann Chir Gynaec Fenn 57:431-5, 1968

Corticotrophin and its synthetic analogues. Brit Med J 2:809-11, 28 Jun 69

Synthesis and adrenocortical inhibiting activity of

substituted diphenylalkylamines. Blank B, et al. **J Med Chem** 12:271-6, Mar 69

Studies on adrenal cortical function in patients with lung cancer. Kawai A, et al. **Metabolism** 18:609-19, Jul 69

On the diagnostical value of some paraclinical tests in Addison's disease. Vakov L. **Nauch Tr Vissh Med Inst Sofiia** 47:65-74, 1968

Criteria for distinguishing normal from subnormal adrenocortical function using the Synacthen test. Greig WR, et al. **Postgrad Med J** 45:307-13, May 69

Present status of the diagnosis and treatment of Cushing's syndrome. Freeark RJ, et al. **Surg Clin N Amer** 49:179-90, Feb 69 (19 ref.)

[The value of several steroid chemical tests in the diagnosis of Cushing's syndrome] Vingerhoeds AC, et al. **Nederl T Geneesk** 113:1185-92, 5 Jul 69 **(Dut)**

[A rapid Metopirone test (SU 48-85 Ciba) using plasma analysis (Preliminary note)] Guillemant S, et al. **Ann Biol Clin (Paris)** 27:65-73, Jan-Feb 69 **(Fre)**

[Determination of plasma and urinary cortisol by competition] Kolanowski J, et al. **Ann Endocr (Paris)** 29:473-9, Jul-Aug 68 **(Fre)**

[Adult hypothyroidism. I. Clinical study] Leprat J, et al. **Presse Med** 77:119-21, 22 Jan 69 **(Fre)**

[Lipoatrophic diabetes. Clinical and biological study of an atypical case] Tourniaire J, et al. **Sem Hop Paris** 44:3289-97, 20 Dec 68 **(Fre)**

[Adrenal function test with Synacthen in children] Girard J, et al. **Schweiz Med Wschr** 99:7-10, 4 Jan 69 **(Ger)**

[Behavior of fractional, glucurono-conjugated and sulfo-conjugated 17-ketosteroids in hepatic cirrhosis in basic conditions and after loading with testosterone] Abate G, et al. **Endocr Sci Cost** 30:282-97, Apr 69 **(Ita)**

[Some findings on the androgen functions of the adrenal cortex in female obesity] Ferramosca B, et al. **Endocr Sci Cost** 29:323-43, Nov 67 (43 ref.) **(Ita)**

[Glycoactive function of the adrenal gland during myocardial infarct. II. Nyctohemeral rhythm of plasmatic, and urinary cortisol and of urinary 17-hydroxycorticosteroids] Lenzi S, et al. **Endocr Sci Cost** 30:231-51, Apr 69 **(Ita)**

[The problem of hirsutism in the light of modern acquisitions in steroid physiopathology] Conti C. **Folia Endocr (Roma)** 21:529-58, Oct 68 **(Ita)**

[Aspects of adrenal cortex function in obesity. VI. The behavior of aldosterone secretion and secretion of its metabolites during some dynamic tests] Scavo D, et al. **Folia Endocr (Roma)** 21:591-602, Oct 68 **(Ita)**

[Urinary excretion of 17-hydroxycorticosteroids in the rabbit exposed to experimental electrocution with high-tension current] Zuccato F, et al. **Med Lavoro** 59:760-71, Dec 68 **(Ita)**

[On diencephalo-hypophyseo-adrenocortical function in various diseases] Kato K, et al. **Clin Endocr (Tokyo)** 17:159-63, Mar 69 **(Jap)**

[Anterior pituitary function test] Iwai K, et al. **Jap J Clin Med** 27:248-58, Feb 69 (81 ref.) **(Jap)**

[Adrenal cortex function tests and their interpretation] Miura K. **Jap J Clin Med** 27:278-85, Feb 69 (61 ref.) **(Jap)**

[Adrenal cortex function tests in bacillary dysentery and food toxinfections] Vîţă A, et al. **Rev Medicochir Iasi** 72:835-40, Oct-Dec 68 **(Rum)**

[Materials on the study of the function of the adrenal cortex and thyroid gland in patients with mastopathy] Futornyi MG, et al. **Vop Onkol** 15:87-8, 1969 **(Rus)**

[Glucocorticoid function of the adrenal cortex in patients with cerebral circulatory disorders in atherosclerosis of the cerebral vessels] Rukhmanov AA. **Zh Nevropat Psikhiat Korsakov** 69:220-3, 1969 **(Rus)**

ADRENAL

II. Disorders of the Adrenal Glands

ADDISON'S DISEASE

Adrenal disorders in infancy and childhood. Klevit HD, et al. **J Amer Med Wom Ass** 24:141-5, Feb 69
[Neurohistological changes in endocrine diseases] Lassmann G.
Fortschr Neurol Psychiat 36:377-411, Jul 68 **(Ger)**
[A case of crisis in chronic adrenal failure provoked by meprobamate] Migdal A.
Wiad Lek 22:849-52, 1 May 69 **(Pol)**

BLOOD

Normal and abnormal regulation of beta-msh in man. Abe K, et al. **J Clin Invest** 48:1580-5, Aug 69
Plasma corticotrophin levels in primary and secondary adrenocortical insufficiency. Besser GM, et al.
J Endocr 43:x-xi, Jan 69
[2-desoxy-d-glucose for determination of functional reserve of the adrenal medulla in Addison's disease] Seif FJ, et al. **Med Welt** 42:2264-7, 19 Oct 68 **(Ger)**

COMPLICATIONS

Thyroid function in Addison's disease. Maisey MN, et al. **Brit Med J** 3:392-3, 16 Aug 69
[Addison's disease and thyrotoxic crisis] Couturier E, et al. **Presse Med** 77:515-6, 22 Mar 69 **(Fre)**
[Acute adrenal insufficiency] Luton JP, et al.
Presse Med 77:1104, 25 Jun 69 **(Fre)**
[Spontaneous hypoglycemias in adults]
Presse Med 77:950-2, 28 May 69 **(Fre)**
[Syntropy of diabetes and Addison's disease] Pappas A.
Med Welt 29:1673-9, 22 Jul 67 **(Ger)**
[Immunological auto-maintenance in digestive pathology] Fodor O, et al.
Med Intern (Bucur) 20:1297-308, Nov 68 (37 ref.) **(Rum)**
[Acute appendicitis in patients with chronic insufficiency of the adrenal glands] Beliaeva AP, et al.
Khirurgiia (Moskva) 43:75-8, Mar 67 **(Rus)**

DIAGNOSIS

Addison's encephalopathy. Kollmannsberger A, et al.
Electroenceph Clin Neurophysiol 26:448, Apr 69
On the diagnostical value of some paraclinical tests in Addison's disease. Vakov L.
Nauch Tr Vissh Med Inst Sofiia 47:65-74, 1968
[Evaluation of the simple water loading method in various endocrine diseases] László FA, et al.
Med Welt 19:1239-44, 11 May 68 **(Ger)**
[Addison's disease in children (clinical contribution)] Corvaglia E. **Riv Clin Pediat** 80:615-27, Dec 67 **(Ita)**

DRUG THERAPY

Addison's encephalopathy. Kollmannsberger A, et al.
Electroenceph Clin Neurophysiol 26:448, Apr 69
Adaptation to dietary sodium restriction in adrenocortical insufficiency. Liberman B, et al.
Rev Franc Etud Clin Biol 14:46-51, Jan 69
[Addison's disease and thyrotoxic crisis] Couturier E, et al. **Presse Med** 77:515-6, 22 Mar 69 **(Fre)**
[Lucien de Gennes, 1892-1968] (Gennes L de), Decourt J. **Rev Franc Endocr Clin** 9:461-3, Nov-Dec 68 **(Fre)**
[Cortisol in the blood after administration of adrenal-cortex and liver extracts] Mulargia A, et al.
Policlinico [Prat] 76:840-6, 30 Jun 69 **(Ita)**
[Addison's disease in children (clinical contribution)] Corvaglia E. **Riv Clin Pediat** 80:615-27, Dec 67 **(Ita)**
[Value of the intramuscular administration of hydrocortisone acetate suspension, destined for intra-articular injection] Migdalska B, et al.
Pol Tyg Lek 24:526-8, Apr 69 **(Pol)**

ETIOLOGY

[Addison's disease in two brothers] Rath F, et al.
Z Kinderheilk 106:197-205, 1969 **(Ger)**
[Addison's disease in children (clinical contribution)] Corvaglia E. **Riv Clin Pediat** 80:615-27, Dec 67 **(Ita)**

FAMILIAL & GENETIC

[Addison's disease in two brothers] Rath F, et al.
Z Kinderheilk 106:197-205, 1969 **(Ger)**

IMMUNOLOGY

Thyroid function in Addison's disease. Maisey MN, et al. **Brit Med J** 3:392-3, 16 Aug 69
The further characterization of autoantibodies reactive with extra-adrenal steroid-producing cells in patients with adrenal disorders. Irvine WJ, et al.
Clin Exp Immun 4:489-503, May 69
Anti-adrenal, cellular hypersensitivity in Addison's disease. Nerup J, et al.
Clin Exp Immun 4:355-63, Apr 69

METABOLISM

Addison's encephalopathy. Kollmannsberger A, et al.
Electroenceph Clin Neurophysiol 26:448, Apr 69
[Addison's disease in children (clinical contribution)] Corvaglia E. **Riv Clin Pediat** 80:615-27, Dec 67 **(Ita)**

PHYSIOPATHOLOGY

Thyroid function in Addison's disease. Maisey MN, et al. **Brit Med J** 3:392-3, 16 Aug 69
Adaptation to dietary sodium restriction in adrenocortical insufficiency. Liberman B, et al.
Rev Franc Etud Clin Biol 14:46-51, Jan 69

THERAPY

[Addison's disease in two brothers] Rath F, et al.
Z Kinderheilk 106:197-205, 1969 **(Ger)**
[The importance of a gluten-free diet in the therapy of malabsorption] Gasbarrini G, et al.
Recent Progr Med (Roma) 46:67-94, Jan 69 **(Ita)**

ADENOMA, VIRILIZING

SURGERY

Virilizing tumors of the adrenal gland in childhood: report of eight cases. Burrington JD, et al.
J Pediat Surg 4:291-302, Jun 69

ADRENAL GLAND DISEASES

The adrenal weight of mice with spontaneous adrenocortical lipid depletion. A comparison with untreated, ACTH- and dexamethasone-treated C57Bl mice. Moine K.
Acta Path Microbiol Scand 75:37-50, 1969
Adrenal disorders in infancy and childhood. Klevit HD, et al. **J Amer Med Wom Ass** 24:141-5, Feb 69
[Hypokalemic metabolic alkalosis] Euchenhofer M, et al. **Deutsch Med Wschr** 94:1441-7, 11 Jul 69 **(Ger)**

BLOOD

Normal and abnormal regulation of beta-msh in man. Abe K, et al. **J Clin Invest** 48:1580-5, Aug 69
[ACTH] Matsukura S.
Jap J Clin Med 27:313-8, Feb 69 **(Jap)**

CHEMICALLY INDUCED

Studies of adrenocortical ultrastructure. 3. Effects of dexamethasone and medroxyprogesterone on interrenal cells of the domestic fowl. Kjaerheim A.
Z Zellforsch 91:456-74, 1968

COMPLICATIONS

Bilateral testicular tumors in untreated congenital

adrenocortical hyperplasia. Earll JM, et al.
JAMA 209:937-9, 11 Aug 69
Premature sexual development. Young IS, et al.
Postgrad Med 45:180-5, Mar 69
Infertility. Case AL, et al.
Surg Clin N Amer 49:121-36, Feb 69 (98 ref.)
[Corticoids in therapy and prevention of abortions] Sládek M, et al. **Cesk Gynek** 34:253-5, Apr 69 (Cze)
[Addison's disease in two brothers] Rath F, et al.
Z Kinderheilk 106:197-205, 1969 (Ger)
[Adrenal cortex pathology and gynecological pathology] Colizzi E.
Quad Clin Ostet Ginec 23:209-23, Mar 68 (Ita)
[Dynamics of aldosteronuria in Cushing's disease after adrenalectomy] Stroe E, et al.
Stud Cercet Endocr 19:503-10, 1968 (Rum)
[Cytomegaly in relation to biological defects in infants] Anghelescu V, et al.
Stud Cercet Inframicrobiol 19:413-7, 1968 (Rum)

CONGENITAL

A case of congenital adrenal hyperplasia with hypertension. Moneta E, et al.
Folia Endocr (Roma) 21:603-10, Oct 68
Bilateral testicular tumors in untreated congenital adrenocortical hyperplasia. Earll JM, et al.
JAMA 209:937-9, 11 Aug 69

DIAGNOSIS

Criteria for distinguishing normal from subnormal adrenocortical function using the Synacthen test. Greig WR, et al. **Postgrad Med J** 45:307-13, May 69
Calcification in the inferior vena cava. Gammill SL, et al. **Radiology** 92:1288-90, May 69

DRUG THERAPY

[The effect of low-molecular dextran (rheomacrodex) on the ischemia caused damage of kidney or adrenal gland in rats] Kovács K, et al.
Z Urol 61:603-14, Sep 68 (Ger)

ETIOLOGY

Histometric studies on the adrenal cortex of mice with spontaneous adrenocortical lipid depletion. A comparison with dexamethasone- and ACTH-treated C57B1 mice. Moine K.
Acta Path Microbiol Scand 75:51-63, 1969
Unilateral adrenal necrosis and haemorrhage following operations on the stomach. Fox B.
J Path 97:127-35, Jan 69
[Atherosclerosis as a cause of sudden death in young persons] Khomenok VP.
Voennomed Zh 3:45-8, Mar 69 (Rus)

FAMILIAL & GENETIC

Wolman's disease. A rare lipidosis with adrenal calcification. Marshall WC, et al.
Arch Dis Child 44:331-41, Jun 69
[Familial congenital adrenal hypoplasia with failure of the adrenal cortex] Seeliger H, et al.
Verh Deutsch Ges Path 52:481-5, 1968 (Ger)

IMMUNOLOGY

Allergic adrenalitis and encephalomyelitis produced by injection into lymph nodes. Levine S, et al.
Clin Exp Immun 4:177-8, Jan 69

PATHOLOGY

Wolman's disease. A rare lipidosis with adrenal calcification. Marshall WC, et al.
Arch Dis Child 44:331-41, Jun 69
Studies of adrenocortical ultrastructure. 3. Effects of dexamethasone and medroxyprogesterone on interrenal cells of the domestic fowl. Kjaerheim A.
Z Zellforsch 91:456-74, 1968
[Observations on the pathologic anatomy, pathogenesis, and evolution of paracoccidioidomycosis] Brass K.
Mycopathologia 37:119-38, 28 Mar 69 (Spa)

PHYSIOPATHOLOGY

Effect of endocrine glands on function of the gastrointestinal tract. Study of the thyroid, parathyroid, and adrenal glands. Gregory CH, et al.
Amer J Surg 117:893-906, Jun 69 (169 ref.)

RADIOGRAPHY

[Pneumoretroperitoneum associated with tomography in diseases of the kidney and adrenal glands] Mandevski S, et al.
Khirurgiia (Sofiia) 21:343-8, 1968 (Bul)

RADIOTHERAPY

Adjunctive pelvic irradiation in carcinoma of the endometrium. Hulbert M.
J Obstet Gynaec Brit Comm 76:624-30, Jul 69

URINE

Recent studies on androgenic function in human subjects. Ismail AA, et al.
J Obstet Gynaec Brit Comm 75:929-40, Sep 68 (78 ref.)

ADRENAL GLAND HYPERFUNCTION

Bilateral testicular tumors in untreated congenital adrenocortical hyperplasia. Earll JM, et al.
JAMA 209:937-9, 11 Aug 69

CHEMICALLY INDUCED

Maternal and fetal effects of two inhibitors of 3 beta-hydroxysteroid dehydrogenase and delta 5-4,3-ketosteroid isomerase in the rat. Goldman AS.
Endocrinology 85:325-9, Aug 69
[Acute colchicine poisoning] Mouren P, et al.
Presse Med 77:505-8, 22 Mar 69 (Fre)

COMPLICATIONS

[Effect of thyroid and adrenal dysfunction on changes in tissue concentration of calcium and glucose] Boltanski E. **Sem Hop Paris** 44:3205-8, 14 Dec 68 (Fre)
[Various etiologies and therapeutic possibilities in Cushing's syndrome] Staub JJ, et al.
Praxis 57:1446-53, 22 Oct 68 (Ger)
[Changes of thyroid structure and of hormonal iodine (PBI) in experimental hypercorticism and their evolution after subtotal adrenalectomy] Damian A, et al. **Stud Cercet Endocr** 19:493-6, 1968 (Rum)

DIAGNOSIS

A simplified metyrapone test with determination of plasma 11-deoxycortisol (Metyrapone test with plasma S). Meikle AW, et al. **J Clin Endocr** 29:985-7, Jul 69
Laboratory aids in the diagnosis of endocrine disorders. Katz FH. **Med Clin N Amer** 53:79-95, Jan 69 (43 ref.)
Nonspecific disease symptoms in the recovery phase and the convalescence of tuberculosis. Radenbach KL. **Scand J Resp Dis Suppl** 65:225+, 1968
[Hypokalemic metabolic alkalosis] Euchenhofer M, et al. **Deutsch Med Wschr** 94:1441-7, 11 Jul 69 (Ger)

ETIOLOGY

Medullary cancer of the thyroid gland associated with hypercorticism. Szijj I, et al. **Cancer** 24:167-73, Jul 69
[Relation between the biosynthesis of cortisol and the level of blood urea in guinea pigs deficient in vitamin C] Rahandraha T.
J Physiol (Paris) 59:Suppl:284, 1967 (Fre)

ADRENAL GLAND HYPOFUNCTION

Adrenal disorders in infancy and childhood. Klevit HD, et al. **J Amer Med Wom Ass** 24:141-5, Feb 69
Bilateral testicular tumors in untreated congenital adrenocortical hyperplasia. Earll JM, et al.
JAMA 209:937-9, 11 Aug 69
[Acute adrenal insufficiency] Luton JP, et al.
Presse Med 77:1104, 25 Jun 69 (Fre)
[A case of crisis in chronic adrenal failure provoked by meprobamate] Migdal A.
Wiad Lek 22:849-52, 1 May 69 (Pol)
[On the method of adrenalectomy in rabbits for obtaining chronic adrenal insufficiency] Sveshnikov AA, et al.
Pat Fiziol Eksp Ter 11:77-8, May-Jun 67 (Rus)

BLOOD

Plasma corticotrophin levels in primary and secondary adrenocortical insufficiency. Besser GM, et al. J Endocr 43:x-xi, Jan 69

COMPLICATIONS

Adrenal insufficiency and inappropriate secretion of antidiuretic hormone. Occurrence in a patient with carcinoma of the lung. Schambelan M, et al. Arch Intern Med (Chicago) 124:197-201, Aug 69
Pathogenesis of hyperkalemia in hypoaldosteronism. Hills AG. J Clin Endocr 29:988-9, Jul 69
Pathogenesis of hyperkalemia in hypoaldosteronism. Vagnucci AH. J Clin Endocr 29:989-90, Jul 69
On the cause of acanthosis nigricans. Lerner AB. New Eng J Med 281:106-7, 10 Jul 69
[Long term development of adrenal gland insufficiency, designated regressive, in newborn infants] Lambertz J, et al. Arch Franc Pediat 26:79-85, Jan 69 (Fre)
[Liquefying effect on suppurations of an oral dose of calciferol] Brincourt J. Presse Med 77:467-70, 15 Mar 69 (Fre)
[Spontaneous hypoglycemias in adults] Presse Med 77:950-2, 28 May 69 (Fre)
[Various etiologies and therapeutic possibilities in Cushing's syndrome] Staub JJ, et al. Praxis 57:1446-53, 22 Oct 68 (Ger)
[Familial congenital adrenal hypoplasia with failure of the adrenal cortex] Seeliger H, et al. Verh Deutsch Ges Path 52:481-5, 1968 (Ger)
[On the pathogenesis and treatment of fulminant and nutatory seizures in children] Vvedenskaia IS, et al. Zh Nevropat Psikhiat Korsakov 69:587-8, 1969 (Rus)

CONGENITAL

[Meaning of the foeto-placental unit in the steroid metabolism] Rappaport R. Ann Pediat (Paris) 16:62-4, 2 Jan 69 (Fre)

DIAGNOSIS

A simplified metyrapone test with determination of plasma 11-deoxycortisol (Metyrapone test with plasma S). Meikle AW, et al. J Clin Endocr 29:985-7, Jul 69
Laboratory aids in the diagnosis of endocrine disorders. Katz FH. Med Clin N Amer 53:79-95, Jan 69 (43 ref.)
The recognition and treatment of adrenal crisis. Pazianos AG. Med Clin N Amer 53:459-63, Mar 69 (9 ref.)
Nonspecific disease symptoms in the recovery phase and the convalescence of tuberculosis. Radenbach KL. Scand J Resp Dis Suppl 65:225+, 1968
[Problems raised by villous recto-sigmoid tumors] Loygue J, et al. Presse Med 77:97-9, 18 Jan 69 (Fre)
[Evaluation of the simple water loading method in various endocrine diseases] László FA, et al. Med Welt 19:1239-44, 11 May 68 (Ger)

DRUG THERAPY

Injectable steroids in allergy. Grater WC, et al. Ann Allerg 27:321-7, Jul 69
Care of the critically ill child: acute adrenal insufficiency. Bongiovanni AM. Pediatrics 44:109-10, Jul 69
Adaptation to dietary sodium restriction in adrenocortical insufficiency. Liberman B, et al. Rev Franc Etud Clin Biol 14:46-51, Jan 69
[Long term development of adrenal gland insufficiency, designated regressive, in newborn infants] Lambertz J, et al. Arch Franc Pediat 26:79-85, Jan 69 (Fre)
[Acute adrenal insufficiency] Luton JP, et al. Presse Med 77:1104, 25 Jun 69 (Fre)
[Value of the intramuscular administration of hydrocortisone acetate suspension, destined for intra-articular injection] Migdalska B, et al. Pol Tyg Lek 24:526-8, Apr 69 (Pol)
[On the pathogenesis and treatment of fulminant and nutatory seizures in children] Vvedenskaia IS, et al. Zh Nevropat Psikhiat Korsakov 69:587-8, 1969 (Rus)

ETIOLOGY

Autoantibodies in patients with vitiligo. Brostoff J. Lancet 2:177-8, 26 Jul 69
The recognition and treatment of adrenal crisis. Pazianos AG. Med Clin N Amer 53:459-63, Mar 69 (9 ref.)
Care of the critically ill child: acute adrenal insufficiency. Bongiovanni AM. Pediatrics 44:109-10, Jul 69
The anesthetist surveys the arthritic patient. Krisher JA. Surg Clin N Amer 49:757-61, Aug 69
[Acute adrenal insufficiency] Luton JP, et al. Presse Med 77:1104, 25 Jun 69 (Fre)

METABOLISM

A rapid oral isotopic test of calcium absorption. Hansky J. Gut 10:79, Jan 69
[Meaning of the foeto-placental unit in the steroid metabolism] Rappaport R. Ann Pediat (Paris) 16:62-4, 2 Jan 69 (Fre)

THERAPY

The recognition and treatment of adrenal crisis. Pazianos AG. Med Clin N Amer 53:459-63, Mar 69 (9 ref.)

URINE

[On the pathogenesis and treatment of fulminant and nutatory seizures in children] Vvedenskaia IS, et al. Zh Nevropat Psikhiat Korsakov 69:587-8, 1969 (Rus)

ADRENAL GLAND NEOPLASMS

Localization of metastatic pheochromocytoma in pregnancy by caval catheterization. Including urinary catecholamine values in uncomplicated pregnancies. Jaffe RB, et al. Amer J Obstet Gynec 104:939-44, 1 Aug 69
Single metastatic brain tumors: treatment and follow-up in 41 cases. Raskind R, et al. Amer Surg 35:510-5, Jul 69
Adrenal insufficiency and inappropriate secretion of antidiuretic hormone. Occurrence in a patient with carcinoma of the lung. Schambelan M, et al. Arch Intern Med (Chicago) 124:197-201, Aug 69
Carcinoma of the prostate with unusual metastases. Malek GH, et al. Cancer 24:194-7, Jul 69
Pheochromocytoma: intra and extra adrenal. A report of two cases. Agran MR, et al. J Med Soc New Jersey 66:274-6, Jun 69
Pheochromocytoma: observations on mechanism of carbohydrate intolerance and abnormalities associated with development of Goldblatt kidney following removal of tumor. Brooks MH, et al. Metabolism 18:445-59, Jun 69
Pheochromocytoma. Steinwald OP Jr, et al. Surg Clin N Amer 49:87-98, Feb 69
[2 cases of adrenal pheochromocytoma] Inui S, et al. Clin Endocr (Tokyo) 17:198-206, Mar 69 (Jap)
[Adrenal gland pheochromocytoma in children] Kamińska M, et al. Pediat Pol 44:329-31, Mar 69 (Pol)
[Extensive osteoplastic metastases to the bone marrow] Sielczak M, et al. Wiad Lek 22:933-9, 15 May 69 (Pol)
[A case of pheochromocytoma in a pregnancy woman] Zelawska-Bodakiewicz B, et al. Wiad Lek 22:951-4, 15 May 69 (Pol)

BLOOD

Normal and abnormal regulation of beta-msh in man. Abe K, et al. J Clin Invest 48:1580-5, Aug 69

CHEMICALLY INDUCED

A new type of transplantable adrenal tumor and its comparative histopathology. Mody JK. Cancer Res 29:1254-61, Jun 69

COMPLICATIONS

Semiquantitative estimation of urinary pregnanetriol, pregnanetriolone and tetrahydro S in the investigation of adrenocortical function. Thomas FJ, et al. Acta Endocr (Kobenhavn) 60:645-56, Apr 69
Salivary sodium-potassium ratio and plasma renin activity in hypertension. Adlin V, et al. Circulation 39:685-92, May 69
Leukaemoid reaction. Nadkarni BB, et al. J Indian Med Ass 51:624-6, 16 Dec 68

On the association of pheochromocytoma and cerebellar hemangioblastoma. Nibbelink DW, et al. **Neurology (Minneap)** 19:455-60, May 69

Multiple aneurysms in a case of acromegaly. Schenk VW, et al. **Psychiat Neurol Neurochir** 71:311-7, Jul-Aug 68

Present status of the diagnosis and treatment of Cushing's syndrome. Freeark RJ, et al. **Surg Clin N Amer** 49:179-90, Feb 69 (19 ref.)

[Aortographic clarification of renovascular hypertension] Ludin H. **Radiol Clin (Basel)** 37:219-28, 1968 (Ger)

[The problem of hirsutism in the light of modern acquisitions in steroid physiopathology] Conti C. **Folia Endocr (Roma)** 21:529-58, Oct 68 (Ita)

[Cerebral hemorrhage in a pregnant patient with adrenal pheochromocytoma] Wiesiolek J. **Wiad Lek** 22:853-6, 1 May 69 (Pol)

[Dynamics of aldosteronuria in Cushing's disease after adrenalectomy] Stroe E, et al. **Stud Cercet Endocr** 19:503-10, 1968 (Rum)

DIAGNOSIS

A simplified metyrapone test with determination of plasma 11-deoxycortisol (Metyrapone test with plasma S). Meikle AW, et al. **J Clin Endocr** 29:985-7, Jul 69

Intracranial pheochromocytomas (active glomus jugulare). Case report. Parkinson D. **J Neurosurg** 31:94-100, Jul 69

An approach to developing adrenal-gland scanning. Nagai T, et al. **J Nucl Med** 9:576-81, Nov 68

Virilizing tumors of the adrenal gland in childhood: report of eight cases. Burrington JD, et al. **J Pediat Surg** 4:291-302, Jun 69

[Diagnostic methods in hormonally active sympathetic tumors] Schmid E, et al. **Med Welt** 20:859-64 passim, 12 Apr 69 (Ger)

DRUG THERAPY

[Beta-receptor-blocking agents and their current clinical significance] Deptalla H, et al. **Deutsch Gesundh** 23:2353-63, 12 Dec 68 (50 ref.) (Ger)

ENZYMOLOGY

Adrenal cells in tissue culture. 3. Effect of adrenocorticotropin and 3',5'-cyclic adenosine monophosphate on 11 beta-hydroxylase and other steroidogenic enzymes. Kowal J. **Biochemistry (Wash)** 8:1821-31, May 69

The in vitro utulization of (4-14C)-dehydroisoandrosterone by human adrenocortical tumors associated with virilism. Neville AM, et al. **Steroids** 13:821-33, Jun 69

FAMILIAL & GENETIC

Genetic factors in carcinoma. Lynch HT. **Med Clin N Amer** 53:923-39, Jul 69 (75 ref.)

METABOLISM

Animal cell cultures as a source of hormones. Tashjian AH Jr. **Biotechn Bioengin** 11:109-26, Mar 69

Adrenal cells in tissue culture. IV. Use of an inhibitor of steroid synthesis for the study of ACTH action. Kowal J. **Endocrinology** 85:270-9, Aug 69

Biosynthesis of allo-3-beta-tetrahydrocortisol (Reichstein's substance V) by an adrenal adenoma. Axelrod LR, et al. **J Clin Endocr** 29:936-41, Jul 69

Studies on the efficiency of adrenocortical 11 beta-hydroxylation in the human subject. Nicolis GL, et al. **J Clin Endocr** 29:831-6, Jun 69

Pheochromocytoma: observations on mechanism of carbohydrate intolerance and abnormalities associated with development of Goldblatt kidney following removal of tumor. Brooks MH, et al. **Metabolism** 18:445-59, Jun 69

18-Hydrocorticosterone biosynthesis in an aldosterone secreting tumor and in the surrounding nontumorous adrenal gland. Marusic ET, et al. **Proc Soc Exp Biol Med** 131:778-80, Jul 69

The in vitro utulization of (4-14C)-dehydroisoandrosterone by human adrenocortical tumors associated with virilism. Neville AM, et al. **Steroids** 13:821-33, Jun 69

MORTALITY

Virilizing tumors of the adrenal gland in childhood: report of eight cases. Burrington JD, et al. **J Pediat Surg** 4:291-302, Jun 69

OCCURRENCE

A British abattoir survey of tumours in cattle, sheep and pigs. Anderson LJ, et al. **Vet Rec** 84:547-51, 31 May 69

PATHOLOGY

Aldosteronoma and nonfunctioning adrenal cortical adenoma. Comparative ultrastructural study. Reidbord H, et al. **Arch Path (Chicago)** 88:155-61, Aug 69

Contiguous glioblastoma multiforme and fibrosarcoma with extracranial metastasis. Smith DR, et al. **Cancer** 24:270-6, Aug 69

A new type of transplantable adrenal tumor and its comparative histopathology. Mody JK. **Cancer Res** 29:1254-61, Jun 69

Electron microscopyof human tumors secretin catecholamines: correlation with biochemic data. Greenberg R, et al. **J Neuropath Exp Neurol** 28:475-500, Jul 69

Bilateral testicular tumors in untreated congenital adrenocortical hyperplasia. Earll JM, et al. **JAMA** 209:937-9, 11 Aug 69

On the association of pheochromocytoma and cerebellar hemangioblastoma. Nibbelink DW, et al. **Neurology (Minneap)** 19:455-60, May 69

[Changes of the fundus oculi in childhood pheochromocytoma] Lommatzsch P, et al. **Ber Deutsch Ophth Ges** 68:435-7, 1968 (Ger)

[Contribution to the study of tumors of the sympathetic series] Anardi V. **Rass Int Clin Ter** 47:967-76, Sep 67 (Ita)

[Adrenal cortex cancer] Sawa A, et al. **Pol Przegl Chir** 41:281-4, Mar 69 (Pol)

RADIOGRAPHY

Arteriography of adrenal neoplasms. Alfidi RJ, et al. **Amer J Roentgen** 106:635-41, Jul 69

Pediatric arteriography in abdominal and extremity lesions. Clinical experience, indications, and technic. Bron KM, et al. **Radiology** 92:1241-55, May 69

The radiologic diagnosis of tumors of the endocrine glands. Ranniger K. **Surg Clin N Amer** 49:11-26, Feb 69 (40 ref.)

[Selective arteriography of pheochromocytoma. Apropos of a case] Van de Berg L, et al. **J Belg Radiol** 52:25-32, 1969 (Fre)

[Aortographic clarification of renovascular hypertension] Ludin H. **Radiol Clin (Basel)** 37:219-28, 1968 (Ger)

SURGERY

Virilizing tumors of the adrenal gland in childhood: report of eight cases. Burrington JD, et al. **J Pediat Surg** 4:291-302, Jun 69

[Contribution to the study of tumors of the sympathetic series] Anardi V. **Rass Int Clin Ter** 47:967-76, Sep 67 (Ita)

[Case of myopathy with Cushing's syndrome] Kawanami M, et al. **Saishin Igaku** 24:431-6, 10 Feb 68 (Jap)

[Surgical treatment of primary aldosteronism in the light of 13 observed cases] Gasiński J, et al. **Pol Tyg Lek** 24:261-4, 25 Feb 69 (Pol)

URINE

Recent studies on androgenic function in human subjects. Ismail AA, et al. **J Obstet Gynaec Brit Comm** 75:929-40, Sep 68 (78 ref.)

ADRENAL GLANDS

ABNORMALITIES

Multiple aneurysms in a case of acromegaly. Schenk VW, et al. **Psychiat Neurol Neurochir** 71:311-7, Jul-Aug 68

[Familial congenital adrenal hypoplasia with failure of

the adrenal cortex] Seeliger H, et al.
Verh Deutsch Ges Path 52:481-5, 1968 (Ger)

ADRENOGENITAL SYNDROME

Adrenal disorders in infancy and childhood. Klevit HD, et al. J Amer Med Wom Ass 24:141-5, Feb 69

BLOOD

Normal and abnormal regulation of beta-msh in man. Abe K, et al. J Clin Invest 48:1580-5, Aug 69

CHEMICALLY INDUCED

Maternal and fetal effects of two inhibitors of 3 beta-hydroxysteroid dehydrogenase and delta 5-4,3-ketosteroid isomerase in the rat. Goldman AS. Endocrinology 85:325-9, Aug 69
[Congenital adrenogenital syndrome. A case observed in connection with therapy with Tegretol in pregnancy] Vestergård S.
Ugeskr Laeg 131:1229-31, 26 Jun 69 (Dan)

COMPLICATIONS

Semiquantitative estimation of urinary pregnanetriol, pregnanetriolone and tetrahydro S in the investigation of adrenocortical function. Thomas FJ, et al. Acta Endocr (Kobenhavn) 60:645-56, Apr 69
Hirsutism. Muller SA.
Amer J Med 46:803-17, May 69 (109 ref.)
[Pathogenesis of hypertension in endocrine disorders. I] Fischer V. Praxis 56:1418-25 contd, 19 Oct 67 (Ger)
[The problem of hirsutism in the light of modern acquisitions in steroid physiopathology] Conti C.
Folia Endocr (Roma) 21:529-58, Oct 68 (Ita)
[Adrenal cortex pathology and gynecological pathology] Colizzi E.
Quad Clin Ostet Ginec 23:209-23, Mar 68 (Ita)

CONGENITAL

A case of congenital adrenal hyperplasia with hypertension. Moneta E, et al.
Folia Endocr (Roma) 21:603-10, Oct 68
[Congenital adrenogenital syndrome. A case observed in connection with therapy with Tegretol in pregnancy] Vestergård S.
Ugeskr Laeg 131:1229-31, 26 Jun 69 (Dan)
[Congenital adreno-genital syndrome in a 15-year old girl] Walczak M, et al. Pediat Pol 44:615-8, May 69 (Pol)

DIAGNOSIS

Antenatal diagnosis of adrenocortical hyperplasia. Cathro DM, et al. Lancet 1:732, 5 Apr 69
Antenatal diagnosis of adrenocortical hyperplasia. Nichols J. Lancet 1:1151-2, 7 Jun 69
[A case of pseudo-hermaphroditism in a 2-year-old boy] Chmielowa M, et al. Pediat Pol 44:347-51, Mar 69 (Pol)

ETIOLOGY

Models for cytogenetics and embryology. Benirschke K. Fed Proc 28:170-8, Jan-Feb 69 (76 ref.)

FAMILIAL & GENETIC

[On the problem of familial cases of congenital disfunction of the adrenal cortex in children] Burala TI, et al. Pediatriia 47:27-33, Aug 68 (Rus)

PHYSIOPATHOLOGY

[Adrenal cortex function tests and their interpretation] Miura K.
Jap J Clin Med 27:278-85, Feb 69 (61 ref.) (Jap)

RADIOGRAPHY

Pediatric arteriography in abdominal and extremity lesions. Clinical experience, indications, and technic. Bron KM, et al. Radiology 92:1241-55, May 69

URINE

Quantitative estimation of urinary pregnanetriol, pregnanetriolone, tetrahydro S and delta-5-pregnenetriol in the investigation of adrenocortical function. Thomas FJ, et al.
Acta Endocr (Kobenhavn) 60:657-68, Apr 69
[Testosterone determination in urine in female hirsutism] Göbel P, et al.
Med Welt 42:2268-74, 19 Oct 68 (Ger)

CUSHING'S SYNDROME

The thymus gland. Shields TW.
Surg Clin N Amer 49:61-70, Feb 69
[Neurohistological changes in endocrine diseases] Lassmann G.
Fortschr Neurol Psychiat 36:377-411, Jul 68 (Ger)
[Various etiologies and therapeutic possibilities in Cushing's syndrome] Staub JJ, et al.
Praxis 57:1446-53, 22 Oct 68 (Ger)
[Primary hyperparathyroidism] Tolloczko T.
Pol Arch Med Wewnet 42:597-603, Apr 69 (29 ref.) (Pol)
[Dynamics of aldosteronuria in Cushing's disease after adrenalectomy] Stroe E, et al.
Stud Cercet Endocr 19:503-10, 1968 (Rum)

BLOOD

Effect of dexamethasone on citrate metabolism. Wajchenberg BL, et al. Clin Sci 36:15-24, Feb 69
Normal and abnormal regulation of beta-msh in man. Abe K, et al. J Clin Invest 48:1580-5, Aug 69
Metyrapone and pyrogen tests in hyperadrenocorticism: evaluation of blood corticotropin levels. Litta-Modignani R, et al.
J Endocr 42:245-51, Oct 68
[On the insulin-cortisone relation in carbohydrate and protein metabolism] Gazariu L, et al.
Z Ges Inn Med 23:708-11, 15 Nov 68 (Ger)
[On the problem of heart muscle changes in Itsenko-Cushing's disease] Zaĭrat'iants VB, et al.
Kardiologiia 7:126-9, Aug 67 (Rus)

COMPLICATIONS

Abnormal lactation with Cushing's syndrome--a case report. Mahesh VB, et al.
J Clin Endocr 29:978-81, Jul 69
On the cause of acanthosis nigricans. Lerner AB.
New Eng J Med 281:106-7, 10 Jul 69
Present status of the diagnosis and treatment of Cushing's syndrome. Freeark RJ, et al.
Surg Clin N Amer 49:179-90, Feb 69 (19 ref.)
[Pathogenesis of hypertension in endocrine disorders. I] Fischer V. Praxis 56:1418-25 contd, 19 Oct 67 (Ger)
[Clinical findings and laboratory diagnosis in Cushing's syndrome] Staub JJ, et al.
Praxis 57:1398-409, 15 Oct 68 (60 ref.) (Ger)
[The problem of hirsutism in the light of modern acquisitions in steroid physiopathology] Conti C.
Folia Endocr (Roma) 21:529-58, Oct 68 (Ita)
[Adrenal cortex pathology and gynecological pathology] Colizzi E.
Quad Clin Ostet Ginec 23:209-23, Mar 68 (Ita)
[Case of myopathy with Cushing's syndrome] Kawanami M, et al.
Saishin Igaku 24:431-6, 10 Feb 68 (Jap)
[On the problem of heart muscle changes in Itsenko-Cushing's disease] Zaĭrat'iants VB, et al.
Kardiologiia 7:126-9, Aug 67 (Rus)

DIAGNOSIS

Semiquantitative estimation of urinary pregnanetriol, pregnanetriolone and tetrahydro S in the investigation of adrenocortical function. Thomas FJ, et al. Acta Endocr (Kobenhavn) 60:645-56, Apr 69
Skin-fold thickness in normal subjects and in patients with acromegaly and Cushing's syndrome. Wright AD, et al. Acta Endocr (Kobenhavn) 60:705-11, Apr 69
A simplified metyrapone test with determination of plasma 11-deoxycortisol (Metyrapone test with plasma S). Meikle AW, et al. J Clin Endocr 29:985-7, Jul 69
Metyrapone and pyrogen tests in hyperadrenocorticism: evaluation of blood corticotropin levels. Litta-Modignani R, et al.
J Endocr 42:245-51, Oct 68
An approach to developing adrenal-gland scanning. Nagai T, et al. J Nucl Med 9:576-81, Nov 68
Interference in the effect of dexamethasone by diphenylhydantoin. Werk EE Jr, et al.
New Eng J Med 281:32-4, 3 Jul 69
Present status of the diagnosis and treatment of

Cushing's syndrome. Freeark RJ, et al.
Surg Clin N Amer 49:179-90, Feb 69 (19 ref.)
Immunoassays in the diagnoses of endocrine disorders. Lawrence AM.
Surg Clin N Amer 49:3-10, Feb 69 (29 ref.)
[The value of several steroid chemical tests in the diagnosis of Cushing's syndrome] Vingerhoeds AC, et al. **Nederl T Geneesk** 113:1185-92, 5 Jul 69 **(Dut)**
[Hypokalemic metabolic alkalosis] Euchenhofer M, et al. **Deutsch Med Wschr** 94:1441-7, 11 Jul 69 **(Ger)**
[Pictures on differential diagnosis of internal diseases] Klostermann GF, et al.
Med Welt 25:1559-60, 24 Jun 67 **(Ger)**
[Clinical findings and laboratory diagnosis in Cushing's syndrome] Staub JJ, et al.
Praxis 57:1398-409, 15 Oct 68 (60 ref.) **(Ger)**

DRUG THERAPY

[Inhibitions of steroid biosynthesis in the adrenal gland by aminogluthetimide (Elipten CIBA) and its practical significance] Horký K, et al.
Vnitrni Lek 15:417-25, May 69 **(Cze)**
[Various etiologies and therapeutic possibilities in Cushing's syndrome] Staub JJ, et al.
Praxis 57:1446-53, 22 Oct 68 **(Ger)**

ETIOLOGY

Present status of the diagnosis and treatment of Cushing's syndrome. Freeark RJ, et al.
Surg Clin N Amer 49:179-90, Feb 69 (19 ref.)
[Various etiologies and therapeutic possibilities in Cushing's syndrome] Staub JJ, et al.
Praxis 57:1446-53, 22 Oct 68 **(Ger)**
[Case of myopathy with Cushing's syndrome] Kawanami M, et al.
Saishin Igaku 24:431-6, 10 Feb 68 **(Jap)**
[Tumors of the hypophysis in Itsenko-Cushing disease] Soskin LS, et al.
Zh Nevropat Psikhiat Korsakov 69:286-92, 1969 (101 ref.) **(Rus)**

IMMUNOLOGY

The further characterization of autoantibodies reactive with extra-adrenal steroid-producing cells in patients with adrenal disorders. Irvine WJ, et al.
Clin Exp Immun 4:489-503, May 69

METABOLISM

Tracer studies of intestinal calcium absorption in man. Lutwak L. **Amer J Clin Nutr** 22:771-85, Jun 69
Regulation of supply of glycerol phosphate for lipogenesis in human adipose tissue. Galton DJ. **Clin Sci** 36:505-16, Jun 69
Studies on the efficiency of adrenocortical 11 beta-hydroxylation in the human subject. Nicolis GL, et al. **J Clin Endocr** 29:831-6, Jun 69
Influence of hormones on bone. Smeenk D.
J Endocr 43:xiv-xv, Jan 69
[Clinical and biochemical effects of glucocorticoids as demonstrated by the example of Cushing's syndrome] Drews J. **Med Klin** 64:773-80, 25 Apr 69 (31 ref.) **(Ger)**
[On the insulin-cortisone relation in carbohydrate and protein metabolism] Gazariu L, et al.
Z Ges Inn Med 23:708-11, 15 Nov 68 **(Ger)**
[Some findings on the androgen functions of the adrenal cortex in female obesity] Ferramosca B, et al.
Endocr Sci Cost 29:323-43, Nov 67 (43 ref.) **(Ita)**
[Tumors of the hypophysis in Itsenko-Cushing disease] Soskin LS, et al.
Zh Nevropat Psikhiat Korsakov 69:286-92, 1969 (101 ref.) **(Rus)**

PATHOLOGY

[On the problem of heart muscle changes in Itsenko-Cushing's disease] Zaĭrat'iants VB, et al.
Kardiologiia 7:126-9, Aug 67 **(Rus)**

PHYSIOPATHOLOGY

[On the problem of heart muscle changes in Itsenko-Cushing's disease] Zaĭrat'iants VB, et al.
Kardiologiia 7:126-9, Aug 67 **(Rus)**
[Comparative data on the level of intraocular pressure in Itsenko-Cushing disease before and after surgical treatment] Kalinin AP, et al.
Vestn Oftal 80:22-4, May-Jun 67 **(Rus)**

RADIOGRAPHY

Arteriography of adrenal neoplasms. Alfidi RJ, et al.
Amer J Roentgen 106:635-41, Jul 69
[Clinical findings and laboratory diagnosis in Cushing's syndrome] Staub JJ, et al.
Praxis 57:1398-409, 15 Oct 68 (60 ref.) **(Ger)**
[Roentgenological changes of internal organs in Itsenko-Cushing's disease] Bukhman AI.
Vestn Rentgen Radiol 42:31-9, Nov-Dec 67 **(Rus)**

RADIOTHERAPY

[A study of radiation hypophysectomy for prostatic cancer. (1) Review of the pituitary ablation in literature] Momose G, et al.
Jap J Urol 60:145-57, Feb 69 (192 ref.) **(Jap)**

SURGERY

[Various etiologies and therapeutic possibilities in Cushing's syndrome] Staub JJ, et al.
Praxis 57:1446-53, 22 Oct 68 **(Ger)**
[Results of surgical treatment for Cushing's disease] Przybyszowski A.
Pol Przegl Chir 41:395-400, 1969 **(Pol)**
[Comparative data on the level of intraocular pressure in Itsenko-Cushing disease before and after surgical treatment] Kalinin AP, et al.
Vestn Oftal 80:22-4, May-Jun 67 **(Rus)**
[Tumors of the hypophysis in Itsenko-Cushing disease] Soskin LS, et al.
Zh Nevropat Psikhiat Korsakov 69:286-92, 1969 (101 ref.) **(Rus)**

THERAPY

Present status of the diagnosis and treatment of Cushing's syndrome. Freeark RJ, et al.
Surg Clin N Amer 49:179-90, Feb 69 (19 ref.)

URINE

Quantitative estimation of urinary pregnanetriol, pregnanetriolone, tetrahydro S and delta-5-pregnenetriol in the investigation of adrenocortical function. Thomas FJ, et al.
Acta Endocr (Kobenhavn) 60:657-68, Apr 69
Effect of dexamethasone on citrate metabolism. Wajchenberg BL, et al. **Clin Sci** 36:15-24, Feb 69
[Testosterone determination in urine in female hirsutism] Göbel P, et al.
Med Welt 42:2268-74, 19 Oct 68 **(Ger)**
[Clinical findings and laboratory diagnosis in Cushing's syndrome] Staub JJ, et al.
Praxis 57:1398-409, 15 Oct 68 (60 ref.) **(Ger)**

HYPERALDOSTERONISM

Primary aldosteronism. Birbari A.
J Med Liban 22:105-14, 1969 (31 ref.)

BLOOD

Stimulation and suppression of aldosterone in plasma of normal man and in primary aldosteronism. Horton R. **J Clin Invest** 48:1230-6, Jul 69
Primary aldosteronism: diagnosis and treatment. Greenlee HB, et al. **Surg Clin N Amer** 49:71-85, Feb 69
[Indications for the determination of blood renin activity] Hodler J.
Deutsch Med Wschr 94:1417-8, 4 Jul 69 **(Ger)**

COMPLICATIONS

[Liver and placenta during hemolytic disease due to Rh iso-immunization (histologic study and deductions)] Bouissou H, et al.
Path Biol (Paris) 17:109-20, Feb 69 **(Fre)**
[Diuretics in cirrhosis. Accidents. Indications] Andrieu J, et al. **Presse Med** 77:575-8, 29 Mar 69 **(Fre)**
[Myocardial hyperexcitability in decompensated cardiopathies. Effect of spironolactone] Tourniaire A, et al. **Sem Hop Paris** 45:1388-92, 26 Apr 69 **(Fre)**
[Pathogenesis of hypertension in endocrine disorders. I] Fischer V. **Praxis** 56:1418-25 contd, 19 Oct 67 **(Ger)**
[The importance of primary aldosteronism as cause of

"essential" hypertension] Siegenthaler W, et al. **Schweiz Med Wschr** 99:825-8, Jun 69 (Ger)
[Study on the renin-angiotensin-aldosterone system. Effects of sodium restriction and postural changes on plasma renin activity and fluctuation in urinary aldosterone] Kubota K.
Jap Circ J 33:323-32, Mar 69 (Jap)

DIAGNOSIS

Primary aldosteronism. Birbari A.
J Med Liban 22:105-14, 1969 (31 ref.)
An approach to developing adrenal-gland scanning. Nagai T, et al. **J Nucl Med** 9:576-81, Nov 68
Primary aldosteronism: diagnosis and treatment. Greenlee HB, et al. **Surg Clin N Amer** 49:71-85, Feb 69
Immunoassays in the diagnoses of endocrine disorders. Lawrence AM.
Surg Clin N Amer 49:3-10, Feb 69 (29 ref.)
[Hypokalemic metabolic alkalosis] Euchenhofer M, et al. **Deutsch Med Wschr** 94:1441-7, 11 Jul 69 (Ger)
[Study on the renin-angiotensin-aldosterone system. Effects of sodium restriction and postural changes on plasma renin activity and fluctuation in urinary aldosterone] Kubota K.
Jap Circ J 33:323-32, Mar 69 (Jap)

DRUG THERAPY

[Inhibitions of steroid biosynthesis in the adrenal gland by aminogluthetimide (Elipten CIBA) and its practical significance] Horký K, et al.
Vnitrni Lek 15:417-25, May 69 (Cze)

ENZYMOLOGY

[Study on the renin-angiotensin-aldosterone system. Effects of sodium restriction and postural changes on plasma renin activity and fluctuation in urinary aldosterone] Kubota K.
Jap Circ J 33:323-32, Mar 69 (Jap)

ETIOLOGY

Aldosteronoma and nonfunctioning adrenal cortical adenoma. Comparative ultrastructural study. Reidbord H, et al.
Arch Path (Chicago) 88:155-61, Aug 69
Pathogenesis of ascites in cirrhosis of liver. II. Liebowitz HR.
New York J Med 69:2012-24, 15 Jul 69 (67 ref.)
[Liver and placenta during hemolytic disease due to Rh iso-immunization (histologic study and deductions)] Bouissou H, et al.
Path Biol (Paris) 17:109-20, Feb 69 (Fre)
[Secondary hyperaldosteronisms] Veyrat R, et al. **Presse Med** 77:189-90, 1 Feb 69 (Fre)
[Physiopathology of renovascular hypertension] Veyrat R. **Radiol Clin (Basel)** 37:194-208, 1968 (Fre)
[Contribution to the study of the interference of the renin-angiotensin-aldosterone system during the development of chronic alcoholic hepatopathy] Bourel M, et al. **Rev Int Hepat** 18:871-94, 1968 (Fre)
[Cerebral angiographical findings in secondary aldosteronism due to renal artery stenosis] Maki Y, et al. **Brain Nerve (Tokyo)** 21:225-30, Mar 69 (Jap)

FAMILIAL & GENETIC

Non-tumorous "primary" aldosteronism. I. Type relieved by glucocorticoid (glucocorticoid-remediable aldosteronism). Saiti IS, et al. **Canad Med Ass J** 101:1-10, 12 Jul 69

METABOLISM

Non-tumorous "primary" aldosteronism: II. Type not relieved by glucocorticoid. Saiti IS, et al.
Canad Med Ass J 101:11-6, 12 Jul 69
Non-tumorous "primary" aldosteronism. I. Type relieved by glucocorticoid (glucocorticoid-remediable aldosteronism). Saiti IS, et al. **Canad Med Ass J** 101:1-10, 12 Jul 69
[Secondary hyperaldosteronisms] Veyrat R, et al. **Presse Med** 77:189-90, 1 Feb 69 (Fre)

PHYSIOPATHOLOGY

Stimulation and suppression of aldosterone in plasma of normal man and in primary aldosteronism. Horton R. **J Clin Invest** 48:1230-6, Jul 69

RADIOGRAPHY

Primary aldosteronism: diagnosis and treatment. Greenlee HB, et al. **Surg Clin N Amer** 49:71-85, Feb 69
[Cerebral angiographical findings in secondary aldosteronism due to renal artery stenosis] Maki Y, et al. **Brain Nerve (Tokyo)** 21:225-30, Mar 69 (Jap)

SURGERY

[Surgical treatment of primary aldosteronism in the light of 13 observed cases] Gasiński J, et al.
Pol Tyg Lek 24:261-4, 25 Feb 69 (Pol)

THERAPY

Stimulation and suppression of aldosterone in plasma of normal man and in primary aldosteronism. Horton R. **J Clin Invest** 48:1230-6, Jul 69
Primary aldosteronism. Birbari A.
J Med Liban 22:105-14, 1969 (31 ref.)
Primary aldosteronism: diagnosis and treatment. Greenlee HB, et al. **Surg Clin N Amer** 49:71-85, Feb 69

URINE

Primary aldosteronism: diagnosis and treatment. Greenlee HB, et al. **Surg Clin N Amer** 49:71-85, Feb 69
[Study on the renin-angiotensin-aldosterone system. Effects of sodium restriction and postural changes on plasma renin activity and fluctuation in urinary aldosterone] Kubota K.
Jap Circ J 33:323-32, Mar 69 (Jap)

WATERHOUSE-FRIDERICHSEN SYNDROME

COMPLICATIONS

[Acute adrenal insufficiency] Luton JP, et al.
Presse Med 77:1104, 25 Jun 69 (Fre)

ADRENAL

III. Adrenal Cortex Hormones, Precursors, Metabolites and Synthetic Analogs

ADRENAL CORTEX HORMONES

Environmental factors and the Australian gastric ulcer change. Chapman BL, et al.
Med J Aust 1:1179-83, 7 Jun 69

Nonspecific disease symptoms in the recovery phase and the convalescence of tuberculosis. Radenbach KL. **Scand J Resp Dis Suppl** 65:225+, 1968

[Adaptation to cold in several hours] Le Blanc J.
J Physiol (Paris) 59:Suppl:253, 1967 **(Fre)**

[Effect of corticosteroids on peripheral blood] Ulukutlu L, et al. **Pediatrie** 24:385-92, Jun 69 **(Fre)**

[Guanylhydrazones with a postive inotropic cardiac effect] Schütz S, et al.
Arzneimittelforschung 19:69-75, Jan 69 **(Ger)**

[Clocortolon, a new corticosteroid for local dermatotherapy] Jursch H.
Med Welt 46:2551-3, 16 Nov 68 **(Ger)**

ADMINISTRATION & DOSAGE

Penetrating keratoplasty in interstitial keratitis. Rabb MF, et al. **Amer J Ophthal** 67:907-17, Jun 69

Factors influencing the response of lesions of the rotator cuff of the shoulder to local steroid injection. Fearnley ME, et al. **Ann Phys Med** 10:53-63, May 69

Posterior subcapsular cataracts and glaucoma associated with long-term oral corticosteroid therapy. In patients with rheumatoid arthritis and related conditions. Williamson J, et al.
Brit J Ophthal 53:361-72, Jun 69

Local corticosteroid injections.
Brit Med J 3:102-4, 12 Jul 69

Radiotoxicology of tritium and 14C compounds. Vennart J. **Health Phys** 16:429-40, Apr 69

Ocular effects of topical and systemic corticosteroids. David DS, et al. **Lancet** 2:149-51, 19 Jul 69 (45 ref.)

[Role of corticoids in treatment of human African trypanosomiasis] Bertrand E, et al.
Bull Soc Path Exot 61:617-25, Jul-Aug 68 **(Fre)**

[Treatment of tracheal stenosis after tracheotomy. Preparation and timing of the surgical operation apropos of statistics of 15 cases] Couraud L, et al.
Presse Med 77:1001-4, 7 Jun 69 **(Fre)**

[The treatment of traumatic finger stiffness] Richard A. **Med Welt** 3:186, 20 Jan 68 **(Ger)**

[Contribution on the functional morphology of the neurohypophysis. 3. On the influence of corticoid or ACTH treatment on the appearance of "gomori-positive" granules in the outer layer of the median eminence in rats and mice following bilateral adrenalectomy of hypophysectomy] Bock R, et al.
Z Zellforsch 96:142-50, 1969 **(Ger)**

[Identification and quantitative determination of corticosteroids in dermatological preparations] Levorato C. **Farmaco [Prat]** 24:227-33, Apr 69 **(Ita)**

[Methods and practical application of the repetitive test of direct cutaneous irritation in man (ERW test)] Sartoris S, et al. **Minerva Derm** 42:534-9, Nov 67 **(Ita)**

[Treatment of acute gouty attack with local infiltration of Kenacort-A and the study of gout and hyperuricemia at the Tanabe National Hospital during 1967] Komatsu T. **Iryo** 23:54-61, Jan 69 **(Jap)**

[Moschowitz's thrombocytopenic thrombotic purpura] Vázquez Rodriguez JJ, et al.
Rev Clin Esp 112:147-60, 31 Jan 69 (201 ref.) **(Spa)**

ADVERSE EFFECTS

Increased intraocular pressure following subconjunctival corticosteroid administration. Kalina RE. **Arch Ophthal (Chicago)** 81:788-90, Jun 69

Posterior subcapsular cataracts and glaucoma associated with long-term oral corticosteroid therapy. In patients with rheumatoid arthritis and related conditions. Williamson J, et al.
Brit J Ophthal 53:361-72, Jun 69

Amoebic colitis exacerbated by steroids. Goodwin CS.
Brit Med J 3:174, 19 Jul 69

Generalized pustular psoriasis.
Brit Med J 3:71-2, 12 Jul 69

Acneform eruptions. Lantis SH.
J Amer Med Wom Ass 24:305-9, Apr 69

Asphyxiation: steroid-induced osteoporosis of cervical spine. Willis R. **J Otolaryng Soc Aust** 2:86-7, Mar 69

Ocular effects of topical and systemic corticosteroids. David DS, et al. **Lancet** 2:149-51, 19 Jul 69 (45 ref.)

Common external ocular infections. Allen JH.
Postgrad Med 45:144-8, May 69

Ocular toxicity of commonly used systemic drugs. Goren SB. **Postgrad Med** 45:154-7, May 69

Iatrogenic eye disease. Cant JS.
Practitioner 202:787-95, Jun 69

Lobar pneumonia due to aspergillus fumigatus. Young RC, et al. **Rev Franc Etud Clin Biol** 14:169-74, Feb 69

[Effect of corticosteroids on peripheral blood] Ulukutlu L, et al. **Pediatrie** 24:385-92, Jun 69 **(Fre)**

[Procedure to follow in case of severe hematemesis] Benhamou JP, et al.
Presse Med 77:355-8, 22 Feb 69 **(Fre)**

[Therapeutic effect of alpha-tocopher- yl-quinone on muscular disorders of hyperthyroidism and of prolonged treatment by corticoids and antimitotics] Richier JL, et al.
Sem Hop Paris 45:1406-12, 26 Apr 69 **(Fre)**

[Postcorticotherapy syndrome] Mozziconacci P, et al.
Therapeutique 45:534-5, May 69 **(Fre)**

[Unusual course of cranial arteritis] Kazmeier F.
Munchen Med Wschr 111:531-4, 7 Mar 69 **(Ger)**

[Osteoporosis caused by corticoids] Bevilacqua M.
Minerva Med 60:2859-69, 21 Jul 69 **(Ita)**

[Posterior subcapsular cataract and prolonged corticoid therapy. Casuistic contribution] Benatti C, et al. **Minerva Pediat** 21:492-7, 24 Mar 69 **(Ita)**

[Surgical complications following corticosteroid therapy] Zaloga K. **Pol Przegl Chir** 41:644-9, 1969 **(Pol)**

[Thrombophlebitis in the material of the Clinic of Gynecology and Obstetrics IIof the Medical Academy in Wrocław] Jabłoński K, et al.
Wiad Lek 22:905-8, 15 May 69 **(Pol)**

[On the mechanism of the reduction of phagocytic activity of blood leukocytes after adrenalectomy] Ter-Markarian NG.
Pat Fiziol Eksp Ter 11:55-7, May-Jun 67 **(Rus)**

[Corticoid-induced lesions of the skeleton] Jesserer H.
Folia Clin Int (Barc) 17:403-10, Sep 67 **(Spa)**

ANALYSIS

Therapeutic usefulness of the association of "adrenocortical extracts, liver extracts and vitamin B 12". Benedetti G, et al.
Farmaco [Prat] 22:590-605, Oct 67

An improved solvent system for thin-layer chromatography of adrenal steroids. Levin SS, et al.
J Chromatogr 42:129-30, 3 Jun 69

Adrenal corticosteroids in submaxillary fluid. Katz FH, et al. **J Dent Res** 48:448-51, May-Jun 69

Transplacental passage of steroids: the presence of corticosteroids in amniotic fluid. Abramovich DR, et al. **J Obstet Gynaec Brit Comm** 76:610-4, Jul 69

[Identification and quantitative determination of corticosteroids in dermatological preparations] Levorato C. **Farmaco [Prat]** 24:227-33, Apr 69 **(Ita)**

[C21 steroid hormone] Mashimo K, et al.
Jap J Clin Med 27:386-93, Feb 69 **(Jap)**

[The effect of muscle activity and some biologically active substances on the cortico-steroid content in the blood and adrenal glands] Stoliarova NA.
Fiziol Zh SSSR Sechenov 54:838-42, Jul 68 **(Rus)**

[Spectrophotometric and photocolorimetric determination of delta 4 and delta 1,4-cortico-steroids by means of isonicotinic acid hydrazide] Kovalenko LI. **Farm Zh (Kiev)** 23:55-66, 1968 **(Ukr)**

ANTAGONISTS & INHIBITORS

Effect of nandrolone decanoate on some forms of

pulmonary tuberculosis. Vadász I.
Arzneimittelforschung 19:100-3, Jan 69

BIOSYNTHESIS

The role of cyclic AMP in hormone actions. Butcher RW, et al.
Advances Enzym Regulat 6:357-89, 1968 (139 ref.)
Urinary mucoprotein fractions and 17-ketosteroids in healthy women and in patients with the stein-leventhal syndrome. Jabloński K, et al.
Arch Immun Ther Exp 17:253-60, 1969
Substrate-induced efflux of anions from bovine adrenal cortex mitochondria and its relationship to steroidogenesis. Simpson ER, et al.
Biochem Biophys Res Commun 34:765-70, 6 Jun 69
Regulation of rat testis steroid sulfatase. A kinetic study. Notation AD, et al.
Biochemistry (Wash) 8:501-6, Feb 69
Adrenal cells in tissue culture. IV. Use of an inhibitor of steroid synthesis for the study of ACTH action. Kowal J. **Endocrinology** 85:270-9, Aug 69
Adrenal sterol metabolism in the hamster following ACTH and cortisol administration. Lloyd BJ.
Endocrinology 85:347-50, Aug 69
Release of ACTH by substances of central nervous system origin. Wied D de, et al.
Endocrinology 85:561-9, Sep 69
The assay of ACTH and the action of ACTH and steroids on corticosteroidogenesis in the mouse. Purrott RJ, et al. **Pflueger Arch** 309:107-14, 1969
[Melatonin and adrenal steroidogenesis] Giordano G, et al.
Arch Maragliano Pat Clin 25:109-17, Mar-Apr 69 (Ita)

BLOOD

Foetal plasma corticosteroids and the initiation of parturition in sheep. Bassett JM, et al.
J Endocr 44:285-6, Jun 69
Beta adrenergic blockade and juvenile diabetes: acute studies and long-term therapeutic trial. Evidence for the role of catecholamines in mediating diabetic decompensation following emotional arousal. Baker L, et al. **J Pediat** 75:19-29, Jul 69
Criteria for distinguishing normal from subnormal adrenocortical function using the Synacthen test. Greig WR, et al. **Postgrad Med J** 45:307-13, May 69
[Animal experimental studies on synthetic peptides with corticotropin activity. B. Test of a depot-preparation of beta 1-23-corticotropin-23-amide-acetate] Vogel HG.
Arzneimittelforschung 19:25-7, Jan 69 (Ger)
[On the determination of plasma 11-hydroxycorticosteroids by the rapid fluorometric method of Mattingly] Pichler E.
Clin Chim Acta 24:283-92, May 69 (Ger)
[Clinical findings and laboratory diagnosis in Cushing's syndrome] Staub JJ, et al.
Praxis 57:1398-409, 15 Oct 68 (60 ref.) (Ger)
[Studies on plasma corticosteroids. 2. Levels of plasma free 11-hydroxycorticosteroids in healthy adults and its diurnal and daily variations] Igari J, et al.
Folia Endocr Jap 44:1281-5, 20 Mar 69 (Jap)
[The effect of muscle activity and some biologically active substances on the cortico-steroid content in the blood and adrenal glands] Stoliarova NA.
Fiziol Zh SSSR Sechenov 54:838-42, Jul 68 (Rus)
[On the therapeutic effect of cholinesterase in experimental traumatic shock] Kulagin VK, et al.
Vestn Khir Grekov 102:76-8, Jan 69 (Rus)

CEREBROSPINAL FLUID

[Role of corticoids in treatment of human African trypanosomiasis] Bertrand E, et al.
Bull Soc Path Exot 61:617-25, Jul-Aug 68 (Fre)

CLASSIFICATION

Catatoxic steroids. Selye H.
Canad Med Ass J 101:51-2, 12 Jul 69

DIAGNOSTIC USE

Topical corticosteroids in a family with monozygotic, glaucoma-suspect twins. Tarkkanen A, et al.
Amer J Ophthal 66:658-61, Oct 68

ISOLATION & PURIFICATION

[Identification and quantitative determination of corticosteroids in dermatological preparations] Levorato C. **Farmaco [Prat]** 24:227-33, Apr 69 (Ita)

METABOLISM

Nutritional and metabolic effects of anabolic steroids and corticosteroids. Albanese AA.
J Amer Med Wom Ass 24:123-40, Feb 69 (99 ref.)
Corticosteroid metabolism in depressive illness. Gibbons JL.
Psychiat Neurol Neurochir 72:195-9, Mar-Apr 69
[Effects of 6-methyl-prednisolone (with immediate and delayed action) on glycoactive function of the adrenal gland, in relation to age and sex of the patients] Martinelli M, et al.
Endocr Sci Cost 30:298-306, Apr 69 (Ita)
[Glycoactive function of the adrenal cortex in old age] Serio M, et al. **G Geront** 17:73-7, 2 Mar 68 (29 ref.) (Ita)

PHARMACODYNAMICS

Oral diphenylhydantoin in corneal wound healing in the rabbit. Kolbert GS. **Amer J Ophthal** 66:736-8, Oct 68
Action of drugs on movement of ocular fluids. Grant WM. **Ann Rev Pharmacol** 9:85-94, 1969 (78 ref.)
Experimental studies on the carbonic anhydrase activity. XII. Effect of adrenocorticosteroids on carbonic anhydrase and Na+-K+-activated adenosine triphosphatase from kidney of adrenalectomized mice and rats. Suzuki S, et al.
Biochem Pharmacol 18:993-1003, May 69
Relationships between steroid binding and elevation of alkaline phosphatase in HeLa cells. Melnykovych G, et al. **Biochim Biophys Acta** 177:579-85, 6 May 69
Catatoxic steroids. Selye H.
Canad Med Ass J 101:51-2, 12 Jul 69
Some actions of hormones in the regulation of glucose metabolism. Hales CN.
Essays Biochem 3:73-104, 1967 (108 ref.)
Important aspects of the metabolism of the liver cell revealed in selected references. Mulligan RM.
Exp Med Surg 26:66-95, 1968 (51 ref.)
Combined action of adrenal cortical hormones and endotoxin on cells of the reticuloendothelial system. Heilman DH. **Int Arch Allerg** 35:591-602, 1969
Stimulation and suppression of aldosterone in plasma of normal man and in primary aldosteronism. Horton R. **J Clin Invest** 48:1230-6, Jul 69
Adrenal glands and sexual receptivity in female rhesus monkeys. Everitt BJ, et al.
Nature (London) 222:1065-6, 14 Jun 69
The proximal and distal tubular action of adrenal steroids on Na reabsorption. Hierholzer K, et al.
Nephron 6:188-204, 1969 (47 ref.)
Hormonal regulation of nucleic acid and protein synthesis. O'Malley BW.
Trans NY Acad Sci 31:478-503, May 69
[Study of a cardiotonic principle of soluble animal origin in petroleum ether active on the frog's heart] Mouton M, et al.
J Physiol (Paris) 59:Suppl:272, 1967 (Fre)
[Histophysiological investigations of the development of the interrenal organ in the clawed toad (Xenopus laevis Daudin)] Leist KH, et al.
Z Zellforsch 93:105-25, 1969 (Ger)
[Experimental treatment of the healthy human dental pulp with corticosteroids and broad spectrum antibiotics] Maresca BM.
Rev Asoc Odont Argent 56:390-5, Nov 68 (Spa)

PHYSIOLOGY

Interaction of experience with adrenal and sex hormones on the behaviour of hamsters in the open field test. Swanson HH. **Anim Behav** 17:148-54, Feb 69
Some actions of hormones in the regulation of glucose metabolism. Hales CN.
Essays Biochem 3:73-104, 1967 (108 ref.)
Allergic encephalomyelitis: inhibition of cellular passive transfer by exogenous and endogenous steroids. Levine S, et al.
Experientia 25:189-90, 15 Feb 69
Action of hormones on seasonal changes of pelage in the vole. al-Khateeb A, et al. **J Endocr** 43:43-4, Jan 69
Sodium metabolism. Earley LE, et al.
New Eng J Med 281:72-86, 10 Jul 69 (135 ref.)

The foetus as a parasite. Naismith DJ.
Proc Nutr Soc 28:25-31, Mar 69
[Adaptation of Rana esculenta to various environments. A special study of renal excretion of water and electrolytes during changes in environment] Mayer N.
Comp Biochem Physiol 29:27-50, Apr 69 **(Fre)**
[The aging of the endocrine system] Arvay A.
Bull Schweiz Akad Med Wiss 24:299-318, Jan 69 **(Ger)**
[Pathophysiological mechanisms in hypotension caused by endocrine disorders] Lutomirsky C.
Praxis 58:791-801, 24 Jun 69 **(Ger)**
[Some findings on the androgen functions of the adrenal cortex in female obesity] Ferramosca B, et al.
Endocr Sci Cost 29:323-43, Nov 67 (43 ref.) **(Ita)**
[Metabolic anomaly involving acid mucopolysaccharides-with reference to the current progress in biochemistry] Usui T.
Jap J Clin Med 27:417-32, Feb 69 (146 ref.) **(Jap)**

SECRETION

Allergic encephalomyelitis: inhibition of cellular passive transfer by exogenous and endogenous steroids. Levine S, et al.
Experientia 25:189-90, 15 Feb 69
Discriminants and breast cancer. Bulbrook RD, et al.
Lancet 1:1161, 7 Jun 69
[Morphological alterations in the diencephalon and telencephalon following disturbances to the feedback mechanism adenohypophysis-adrenal cortex. 3. Studies on the guinea pig after administration of cortisone and hydrocortisone] Mühlen K aus der, et al.
Z Zellforsch 93:126-41, 1969 **(Ger)**
[Effect of surgical trauma on the level of gonadotropins] Miecznikowski A, et al.
Pol Przegl Chir 41:401-5, 1969 **(Pol)**

THERAPEUTIC USE

Corticotherapy of viral hepatitis in the light of enzymologic studies. Drożdż H, et al.
Acta Med Pol 10:137-50, 1969
Accidental aspiration of talc. Report of a case in a two-year-old child. Lund JS, et al.
Acta Paediat Scand 58:295-6, May 69
Defibrination syndrome in a newborn, and its treatment with exchange transfusion. Skyberg D, et al. **Acta Paediat Scand** 58:83-6, Jan 69
Blood mucoids in rheumatoid arthritis. Stěpán J, et al.
Acta Rheum Scand 14:175-84, 1968
Monofilament nylon sutures in cataract surgery. Aquavella JV, et al. **Amer J Ophthal** 67:950-1, Jun 69
Corticosteroid therapy in central stromal keratitis. Aronson SB, et al. **Amer J Ophthal** 67:873-96, Jun 69
Retinopathy in Rocky Mountain spotted fever. Raab EL, et al. **Amer J Ophthal** 68:42-6, Jul 69
Acquired inhibitors of coagulants. Bidwell E.
Ann Rev Med 20:63-74, 1969 (96 ref.)
Surgical treatment of brown spider bites. Hershey FB, et al. **Ann Surg** 170:300-8, Aug 69
Thyroid crisis: diagnosis and treatment. Nelson NC, et al. **Ann Surg** 170:263-73, Aug 69
Biological behavior of lymphocytes in Hunter-Hurler's disease. Zelson J, et al.
Arch Neurol (Chicago) 20:358-61, Apr 69
Management of sarcoidosis. James DG, et al.
Geriatrics 24:140-6, Jun 69
Adrenal disorders in infancy and childhood. Klevit HD, et al. **J Amer Med Wom Ass** 24:141-5, Feb 69
Treatment of hepatic coma by total exchange transfusion. Sinha BB.
J Indian Med Ass 51:441-4, 1 Nov 68
Successful treatment of hepatic hemangioma with corticosteroids. Goldberg SJ, et al.
JAMA 208:2473-4, 30 Jun 69
Prolonged survival after bilateral nephrectomy in an adult with haemolytic-uraemic syndrome. Giromini M, et al. **Lancet** 2:169-70, 26 Jul 69
Special problems in acute laryngotracheobronchitis. Ross JA. **Laryngoscope** 79:1218-26, Jul 69
Post-intubation subglottic granulation tissue: review of the problem and evaluation of radiotherapy. Smith RO, et al. **Laryngoscope** 79:1227-51, Jul 69 (45 ref.)
The nature and treatment of psoriasis. Becke RF.
Med J Aust 1:1196-200, 7 Jun 69
"Mechanical" hemolytic anemia improved by corticosteroids. Patient with mitral insufficiency at the prosthetic valve in a case of Marfan's syndrome. Hamilton CA. **Nebraska Med J** 54:161-3, Mar 69
Treatment of ulcerative colitis. Bargen JA, et al.
Postgrad Med 45:176-80, Apr 69
How I treat alopecia areata. Tye MJ.
Postgrad Med 45:262-3, Apr 69
Epidemiology and management of sarcoidosis. James DG. **Practitioner** 202:824-31, May 69
Glaucoma. Winstanley J. **Practitioner** 202:751-8, Jun 69
Adaptation to dietary sodium restriction in adrenocortical insufficiency. Liberman B, et al.
Rev Franc Etud Clin Biol 14:46-51, Jan 69
Dermatomyositis in the Transvaal and its occurrence in the Bantu. Findlay GH, et al.
S Afr Med J 43:694-7, 31 May 69
Microangiopathic haemolytianaemia.
Scot Med J 14:187-9, Jun 69 (21 ref.)
[Corticoids in therapy and prevention of abortions] Sládek M, et al. **Cesk Gynek** 34:253-5, Apr 69 **(Cze)**
[New trends in the treatment of epilepsy] Svatý J.
Cesk Pediat 24:511-21, Jun 69 (8 ref.) **(Cze)**
[Medical treatment of hemorrhagic rectocolitis] Bernier JJ.
Actualites Hepatogastroent 4:A257-61, Sep-Dec 68 **(Fre)**
[A case of bronchospasm in a patient with a thoracic trauma] Singier JR, et al.
Anesth Analg (Paris) 25:637-42, Nov-Dec 68 **(Fre)**
[Long term development of adrenal gland insufficiency, designated regressive, in newborn infants] Lambertz J, et al.
Arch Franc Pediat 26:79-85, Jan 69 **(Fre)**
[Role of corticoids in treatment of human African trypanosomiasis] Bertrand E, et al.
Bull Soc Path Exot 61:617-25, Jul-Aug 68 **(Fre)**
[Heart conduction disorders in human African trypanosomiasis due to Trypanosoma gambiense] Bertrand E, et al.
Bull Soc Path Exot 61:613-7, Jul-Aug 68 **(Fre)**
[Purpura fulminans] Benoit P, et al.
Canad Med Ass J 101:42-6, 12 Jul 69 (17 ref.) **(Fre)**
[Various cases of subacute thyroiditis] Bru A, et al.
J Radiol Electr 50:53-7, Jan-Feb 69 **(Fre)**
[Cerebro-meningeal hemorrhage of a newborn revealing a congenital factor 13 deficiency (fibrin stabilizing factor. FSF)] Schaison G, et al.
Nouv Rev Franc Hemat 9:287-9, Mar-Apr 69 **(Fre)**
[1st clinical results obtained by new corticoid-stimulation with retard effect: Synacthen Retard] Frouchtman R.
Praxis 57:845-8, 11 Jun 68 **(Fre)**
[Diuretics in cirrhosis. Accidents. Indications] Andrieu J, et al. **Presse Med** 77:575-8, 29 Mar 69 **(Fre)**
[The "ciguatera"-type intoxications due to poisonous fish] Bagnis R. **Presse Med** 77:59-60, 11 Jan 69 **(Fre)**
[Complications and sequelae of prolonged tracheal intubation] Debain JJ, et al.
Presse Med 77:997-1000, 7 Jun 69 **(Fre)**
[Skin and mucosal manifestations in plasmacytosis] Noble JP, et al. **Presse Med** 77:431-4, 8 Mar 69 **(Fre)**
[Progestational hormones in the treatment of gynecologic cancers] Soutoul JH, et al.
Presse Med 77:247-9, 8 Feb 69 **(Fre)**
[Parotid pseudophlegmon of otorhinolaryneal origin] Perol Y, et al.
Rev Stomat (Paris) 70:228-32, Apr-May 69 **(Fre)**
[Auriculo-ventricular block during the acute phase of myocardial infarction. Apropos of 46 cases] Fauchier JP, et al. **Sem Hop Paris** 45:101-11, 8 Jan 69 **(Fre)**
[Mendelson's syndrome. Apropos of a case in the absence of general anesthesia or coma] Gras H, et al.
Sem Hop Paris 45:971-6, 26 Mar 69 **(Fre)**
[Alveolar proteinosis. 2 cases with ultrastructural study] Miech G, et al.
Sem Hop Paris 45:576-86, 20 Feb 69 **(Fre)**
[Management of the periarthritis-humeroscapularis syndrome] Wagenhäuser FJ.
Deutsch Med Wschr 94:1579-81, 1 Aug 69 **(Ger)**
[Icterus gravis in the newborn period. Therapy and prognosis] Jacobi H.
Med Klin 64:580-3, 28 Mar 69 **(Ger)**
[Distortions--contusions. Treatment control by photopodometry. 1] Glogowski G, et al.
Munchen Med Wschr 111:1211-4, 23 May 69 **(Ger)**
[Unusual course of cranial arteritis] Kazmeier F.
Munchen Med Wschr 111:531-4, 7 Mar 69 **(Ger)**
[On neurological complications of giant cell arteritis (so-called temporal arteritis)] Kollmannsberger A.
Munchen Med Wschr 111:1141-4, 16 May 69 **(Ger)**
[Otologic agents. 13] Furkert K.
Pharm Prax 9:253-4, 1967 (29 ref.) **(Ger)**

[Rhinologic agents. 14] Furkert K.
Pharm Prax 9:255-8, 1967 (96 ref.) (Ger)
[Antiasthmatics. 12] Furkert K.
Pharm Prax 9:251-3, 1967 (41 ref.) (Ger)
[Drugs for treatment of fluor albus. 18] Götz HG.
Pharm Prax 9:275-82, 1967 (Ger)
[Farmer's lung in Switzerland] Bütikofer E, et al.
Schweiz Med Wschr 99:840-5, Jun 69 (Ger)
[Temporal arteritis or giant cell arteritis] Hoigné R, et al. Schweiz Med Wschr 99:392-7, 22 Mar 69 (Ger)
[The physical urticaria and its study possibilities] Illig L. Schweiz Med Wschr 99:668-76, May 69 (Ger)
[Therapy of allergic shock] Kleinsorge H.
Ther Gegenw 107:1571-2, Dec 68 (Ger)
[Clocortolon in dermatologic practice] Seltenreich H.
Ther Gegenw 107:1357 passim, Oct 68 (Ger)
[Sclerosing fibrosis of the retroperitoneum and of the mediastinum] Funovics J, et al.
Wien Med Wschr 119:369-71, 10 May 69 (Ger)
[Pediatric guidelines. 15. Hepatic coma] Breunung M, et al. Z Aerztl Fortbild (Jena) 63:312-4, 15 Mar 69 (Ger)
[Pediatric guide lines: 14. Hepatitis--diagnosis and therapy] Breunung M, et al.
Z Aerztl Fortbild (Jena) 63:260-3, 1 Mar 69 (Ger)
[On the problem of brain edema in heart diseases in childhood] Vích V.
Z Aerztl Fortbild (Jena) 62:1082-5, 1 Oct 68 (Ger)
[Treatment of carcinoma of the lung with a 42MeV betatron. Preliminary observations on 56 cases] Morandini GC, et al.
G Ital Mal Torace 22:391-404, Nov-Dec 68 (Ita)
[Our recent experience with chronic brucellosis] Calafato M. G Mal Infett 21:107-9, Feb 69 (Ita)
[Current clinical aspects of chronic brucellosis] Cave Bondi G, et al. G Mal Infett 21:133-5, Feb 69 (Ita)
[Resuscitation in dyspneic laryngitis in children] Delfino U, et al. Minerva Anest 35:508-15, May 69 (Ita)
[The use of a combination of corticoids and vitamins with liver extract in adjuvant therapy of pulmonary tuberculosis] Mulargia A, et al.
Minerva Med 60:1902-8, 16 May 69 (Ita)
[On the therapy of disorders of atrio-ventricular conduction] Repetto S, et al.
Minerva Med 60:2555-62, 27 Jun 69 (Ita)
[Comparative evaluation of endodontic enzymatic treatments by means of bacteriological controls] Maggi CM, et al.
Mondo Odontostomat 11:194-9, Mar-Apr 69 (Ita)
[Adrenal cortex pathology and gynecological pathology] Colizzi E.
Quad Clin Ostet Ginec 23:209-23, Mar 68 (Ita)
[Diagnosis and treatment of epilepsy] Fukuyama Y.
Acta Paediat Jap 72:1462-83, 1 Oct 68 (25 ref.) (Jap)
[Adder bite] Halvorsen K.
T Norsk Laegeforen 89:486-8, 1 Apr 69 (Nor)
[Basal metabolism in patients with lung cancer and the effect of corticosteroid therapy] Kurgan J.
Gruzlica 37:297-302, Apr 69 (Pol)
[Diagnosis and treatment of acute laryngitis, tracheitis and bronchitis in small children] Glowacki J, et al.
Otolaryng Pol 23:63-70, 1969 (Pol)
[Cholesterol level and content of calcium and magnesium in plasma in nephrotic syndrome in children] Halikowski B, et al.
Pediat Pol 44:561-6, May 69 (Pol)
[Etiopathogenesis of pulmonary fibrosis in children in the light of our observations] Zapaśnik-Kobierska MH, et al. Pediat Pol 44:393-403, Apr 69 (Pol)
[Locacorten in laryngological treatment] Grabowski M.
Wiad Lek 22:487-90, 1 Mar 69 (Pol)
[Myocardial infarction complicated by complete atrioventricular block] Straburzyński A.
Wiad Lek 22:741-5, 15 Apr 69 (15 ref.) (Pol)
[Proven: the corticosteroids effect the reaction of the pulp] Odont Din 1:24, Mar 67 (Por)
[Limits of resuscitation in acute pancreatitis] Buriui D, et al. Med Intern (Bucur) 20:1315-22, Nov 68 (Rum)
[The use of corticosteroids and antihistaminics in otorhinolaryngology] Davidzon MI.
Med Sestra 28:8-11, Jun 69 (Rus)
[On roentgen irradiation in periarteritis nodosa] Fel'dman EA. Ter Arkh 39:48-50, Mar 67 (Rus)
[Experience with the outpatient care of patients with collagenoses] Ivanova AV.
Ter Arkh 39:52-6, Mar 67 (Rus)
[Pathogenesis and treatment of the edema-ascites syndrome in patients with cirrhosis of the liver] Loginov AS, et al.
Ter Arkh 39:12-20, Aug 67 (116 ref.) (Rus)
[On the possibility of using adrenal cortex preparations in diabetes mellitus] Piasetskiĭ NR, et al.
Ter Arkh 39:85-8, Aug 67 (Rus)
[Survey of cases treated for ankylopoetic spondylarthritis in a clinic for internal medicine in the course of 10 years] Arsov D, et al.
God Zborn Med Fak Skopje 14:409-12, 1968 (Ser)
[Contribution to the problem of the correlation pemphigus-pregnancy] Miovski D, et al.
God Zborn Med Fak Skopje 14:399-408, 1968 (Ser)
[Diagnosis and treatment of malignant lymphomas] Märki HH. Folia Clin Int (Barc) 17:423-4, Sep 67 (Spa)
[Control of postoperative edema through the use of corticoids and antibiotics in oral surgery. Clinical experiences] Orofino RA, et al.
Rev Circ Argent Odont 32:37-8, Mar 69 (Spa)
[Preventive and delayed corticoid and anti enzyme therapy in experimental acute pancreatitis] Cumsille E, et al. Rev Med Chile 96:239-45, Apr 68 (Spa)
[Treatment of dentin and pulp with disinfectants, antibiotics and corticosteroids. Bibliographic review] Gutiérrez JH.
Rev Odont Concepcion 13:127-47, Jul-Sep 68 (Spa)
[Treatment of malignant lymphomas: its repercussion in the genital region] Morgenfeld MC, et al.
Sangre (Barc) 13:325-30, 1968 (Spa)

TOXICITY

The nonspecific changes in the heart muscle after various cardiotoxic interventions and their efficient experimental prevention. Vaškû J, et al.
Arzneimittelforschung 19:660-3, Apr 69

URINE

A method for the estimation of individual urinary corticosteroids, pregnanediol, pregnanetriol and pregnanetriolone following their separation by thin-layer chromatography. Kraiem Z, et al.
Acta Endocr (Kobenhavn) 61:1-16, May 69
Urinary steroid excretion in a hirsute patient with ovarian cortical stromal hyperplasia and endometrial carcinoma. Mahesh VG, et al.
Amer J Obstet Gynec 104:602-3, 15 Jun 69
Corticosteroid metabolism in depressive illness. Gibbons JL.
Psychiat Neurol Neurochir 72:195-9, Mar-Apr 69
[The value of several steroid chemical tests in the diagnosis of Cushing's syndrome] Vingerhoeds AC, et al. Nederl T Geneesk 113:1185-92, 5 Jul 69 (Dut)
[Studies of the serum cortisone level and total urinary corticoid excretion following inhalation of dexamethasone-21-isonicotinate in tuberculous patients and pregnant women] Laumen F.
Beitr Klin Erforsch Tuberk 138:56-67, 1968 (Ger)
[The steroid chromatogram in acute icterogenic hepatopathies] Abate G, et al.
Endocr Sci Cost 30:252-63, Apr 69 (Ita)
[On diencephalo-hypophyseo-adrenocortical function in various diseases] Kato K, et al.
Clin Endocr (Tokyo) 17:159-63, Mar 69 (Jap)
[Effect of surgical trauma on the level of gonadotropins] Miecznikowski A, et al.
Pol Przegl Chir 41:401-5, 1969 (Pol)
[Materials on the study of the function of the adrenal cortex and thyroid gland in patients with mastopathy] Futornyi MG, et al. Vop Onkol 15:87-8, 1969 (Rus)

ALDOSTERONE

Stereospecific nuclear and cytosol aldosterone-binding proteins of various tissues. Swaneck GE, et al.
Nephron 6:297-316, 1969

ADMINISTRATION & DOSAGE

The effect of prolonged intravenous infusion of aldosterone in a normal human subject. Dawborn JK.
Med J Aust 1:1079-83, 24 May 69

ANALYSIS

Synthesis and adrenocortical inhibiting activity of substituted diphenylalkylamines. Blank B, et al.
J Med Chem 12:271-6, Mar 69
Primary aldosteronism: diagnosis and treatment. Greenlee HB, et al. Surg Clin N Amer 49:71-85, Feb 69

ANTAGONISTS & INHIBITORS

Effect of a sulfated mucopolysaccharide (RO 1-8307) on the zona glomerulosa of regenerating rat adrenal glands and of intact glands in sodium-deprived rats. Chremos AN, et al. **Endocrinology** 85:337-41, Aug 69

[Therapeutic practice. XV. Therapy of the nephrotic syndrome] Schütterle G, et al. **Med Welt** 11:729-32, 16 Mar 68 (Ger)

BIOSYNTHESIS

Effects of experimental renal hypertension on aldosterone biosynthesis by rat adrenal tissue. Müller J, et al. **Acta Endocr (Kobenhavn)** 60:669-80, Apr 69

Effect of angiotensin superfusion on the rate of aldosterone production by incubated rat adrenals. Spät A, et al. **Acta Physiol Acad Sci Hung** 35:149-51, 1969

The metabolism of steroids by skin in man. Grant JK. **Brit J Derm** 81:Suppl 2:18-22, 1969 (9 ref.)

Non-tumorous "primary" aldosteronism. I. Type relieved by glucocorticoid (glucocorticoid-remediable aldosteronism). Salti IS, et al. **Canad Med Ass J** 101:1-10, 12 Jul 69

Effects of sodium deficiency, potassium deficiency and uremia upon the steroidogenic response of rat adrenal tissue to serotonin, potassium ions and adrenocorticotropin. Müller J, et al. **Endocrinology** 85:43-9, Jul 69

A strain difference in the adrenal zona glomerulosa determined by one gene-locus. Shire JG. **Endocrinology** 85:415-22, Sep 69

Synthesis and adrenocortical inhibiting activity of substituted diphenylalkylamines. Blank B, et al. **J Med Chem** 12:271-6, Mar 69

Hypertension with inappropriate aldosterone stimulation. Christlieb AR, et al. **New Eng J Med** 281:128-31, 17 Jul 69

18-Hydrocorticosterone biosynthesis in an aldosterone secreting tumor and in the surrounding nontumorous adrenal gland. Marusic ET, et al. **Proc Soc Exp Biol Med** 131:778-80, Jul 69

[Demonstration of the local reabsorption capacity in the proximal convoluted tubule of the young rat kidney] Capek K, et al. **Pflueger Arch** 307:R61-2, 1969 (Ger)

BLOOD

Non-tumorous "primary" aldosteronism. I. Type relieved by glucocorticoid (glucocorticoid-remediable aldosteronism). Salti IS, et al. **Canad Med Ass J** 101:1-10, 12 Jul 69

Stimulation and suppression of aldosterone in plasma of normal man and in primary aldosteronism. Horton R. **J Clin Invest** 48:1230-6, Jul 69

Renin-aldosterone system in Parkinson's disease. Barbeau A, et al. **Science** 165:291-2, 18 Jul 69

[Secondary hyperaldosteronisms] Veyrat R, et al. **Presse Med** 77:189-90, 1 Feb 69 (Fre)

[Hypokalemic metabolic alkalosis] Euchenhofer M, et al. **Deutsch Med Wschr** 94:1441-7, 11 Jul 69 (Ger)

ISOLATION & PURIFICATION

Biosynthesis of allo-3-beta-tetrahydrocortisol (Reichstein's substance V) by an adrenal adenoma. Axelrod LR, et al. **J Clin Endocr** 29:936-41, Jul 69

METABOLISM

Mechanism of action of aldosterone. Fanestil DD. **Ann Rev Med** 20:223-32, 1969 (68 ref.)

Suppression of adrenal metabolism of 4-14C-progesterone by testosterone-oxime and 17a-methyltestosterone-oxime in vitro. Rembiesa R, et al. **Biochem Pharmacol** 18:701-6, Apr 69

[Aspects of adrenal cortex function in obesity. VI. The behavior of aldosterone secretion and secretion of its metabolites during some dynamic tests] Scavo D, et al. **Folia Endocr (Roma)** 21:591-602, Oct 68 (Ita)

[Dynamics of aldosteronuria in Cushing's disease after adrenalectomy] Stroe E, et al. **Stud Cercet Endocr** 19:503-10, 1968 (Rum)

[Pathogenesis and treatment of the edema-ascites syndrome in patients with cirrhosis of the liver] Loginov AS, et al. **Ter Arkh** 39:12-20, Aug 67 (116 ref.) (Rus)

PHARMACODYNAMICS

Blood pressure responses to angiotensin II following aldosterone and adrenalectomy. Ajzen H, et al. **Acta Physiol Lat Amer** 17:131-6, 1967

Evidence for a hypothalamic control of renal sodium excretion. Andersson B, et al. **Acta Physiol Scand** 75:496-510, Mar 69

Development of an isolated perfused dog kidney with improved function. Waugh WH, et al. **Amer J Physiol** 217:277-90, Jul 69

Experimental studies on the carbonic anhydrase activity. XII. Effect of adrenocorticosteroids on carbonic anhydrase and Na+-K+-activated adenosine triphosphatase from kidney of adrenalectomized mice and rats. Suzuki S, et al. **Biochem Pharmacol** 18:993-1003, May 69

Effects of aldosterone on blood pressure and glucose-6-phosphate dehydrogenase activity of heart muscle. Liew CC, et al. **Canad J Physiol Pharmacol** 47:193-7, Feb 69

The effect of aldosterone of glycolysis in the urinary bladder of the toad. Handler JS, et al. **J Biol Chem** 244:3194-9, 25 Jun 69

Increased sodium reabsorption in the proximal and distal tubule of caval dogs. Kaloyanides GJ, et al. **J Clin Invest** 48:1543-51, Aug 69

Factors affecting mucosal water and sodium transfer in everted sacs of rat jejunum. Crocker AD, et al. **J Physiol (London)** 202:329-38, Jun 69

Changes in the flow and composition of the urine induced by the 18 monoacetate of D-aldosterone, in cats. Lockett MF. **J Physiol (London)** 202:671-82, Jun 69

Anti-ouabain action of steroid hormones on twitch and potassium contracture in heart ventricle strip of frog. Fujino S, et al. **Jap J Pharmacol** 19:148-56, Mar 69

The effect of prolonged intravenous infusion of aldosterone in a normal human subject. Dawborn JK. **Med J Aust** 1:1079-83, 24 May 69

The proximal and distal tubular action of adrenal steroids on Na reabsorption. Hierholzer K, et al. **Nephron** 6:188-204, 1969 (47 ref.)

The effect of an expansion of extracellular fluids on net Na flux in the jejunum of rats. An experimental model for the study of the third factor. Richet G, et al. **Nephron** 6:365-78, 1969

Pathogenesis of ascites in cirrhosis of liver. II. Liebowitz HR. **New York J Med** 69:2012-24, 15 Jul 69 (67 ref.)

[Influence of aldosterone on the exchange and outflow in the human organism of minerals and trace elements relevant to occupational medicine] Szadkowski D, et al. **Int Z Angew Physiol** 27:99-109, 1969 (Ger)

[Explanation of aldosterone action on the excretion of electrolytes in the urine of infants] Chromá M, et al. **Pflueger Arch** 307:R68-9, 1969 (Ger)

[Influence of aldosterone, ADH and calcium ions on sodium transport in the collecting ducts of the mammalian kidney] Uhlich E, et al. **Pflueger Arch** 307:R70-1, 1969 (Ger)

[Effect of corticoids on the survival of animals irradiated with supralethal doses] Zsebök ZB, et al. **Strahlentherapie** 135:623-7, May 68 (Ger)

[Changes of the electrolytic composition of gastric juice in basic conditions and after pharmacologic stimulation] Gritti FM, et al. **Arch Ital Mal Appar Dig** 34:10-35, 1967 (Ita)

PHYSIOLOGY

Mechanism of action of aldosterone. Fanestil DD. **Ann Rev Med** 20:223-32, 1969 (68 ref.)

The renin-angiotensin system in curable hypertension. Haber E. **Mod Conc Cardiovasc Dis** 38:17-22, Apr 69

Regulation of total body sodium in the mammalian organism. Kramer K, et al. **Nephron** 6:379-87, 1969

Sodium metabolism. Earley LE, et al. **New Eng J Med** 281:72-86, 10 Jul 69 (135 ref.)

[Magnesium and the kidney] Ueda Y, et al. **Saishin Igaku** 23:2541-8, 10 Dec 68 (45 ref.) (Jap)

[Water and electrolyte metabolism in the kidney, with special reference to the third factor] Yoshitoshi Y, et al. **Saishin Igaku** 23:2462-74, 10 Dec 68 (69 ref.) (Jap)

SECRETION

Potassium loss with thiazide therapy. Maronde RF, et al. **Amer Heart J** 78:16-21, Jul 69

Salt wasting syndrome of obscure origin. Goldman AG, et al. **Amer J Med** 46:606-14, Apr 69
Aldosteronoma and nonfunctioning adrenal cortical adenoma. Comparative ultrastructural study. Reidbord H, et al.
Arch Path (Chicago) 88:155-61, Aug 69
Inhibiting effect of angiotensin on potassium accumulation of adrenal cortex. Szalay KS.
Biochem Pharmacol 18:962-4, Apr 69
Metabolic studies, aldosterone secretion rate, and plasma renin after carbenoxolone sodium. Baron JH, et al. **Brit Med J** 2:793-5, 28 Jun 69
Non-tumorous "primary" aldosteronism: II. Type not relieved by glucocorticoid. Salti IS, et al.
Canad Med Ass J 101:11-6, 12 Jul 69
Biphasic stimulation of aldosterone secretion during hemorrhage in dogs. Fabre LF Jr, et al.
Circ Res 24:893-900, Jun 69
Effect of (K+) on the secretion of aldosterone. Funder JW, et al. **Endocrinology** 85:381-4, Aug 69
Electrolyte patterns and regulation in man during acute exposure to high altitude. Janoski AH, et al.
Fed Proc 28:1185-9, May-Jun 69
Pathogenesis of hyperkalemia in hypoaldosteronism. Hills AG. **J Clin Endocr** 29:988-9, Jul 69
Pathogenesis of hyperkalemia in hypoaldosteronism. Vagnucci AH. **J Clin Endocr** 29:989-90, Jul 69
Stimulation and suppression of aldosterone in plasma of normal man and in primary aldosteronism. Horton R. **J Clin Invest** 48:1230-6, Jul 69
Hypertension with inappropriate aldosterone stimulation. Christlieb AR, et al.
New Eng J Med 281:128-31, 17 Jul 69
18-Hydrocorticosterone biosynthesis in an aldosterone secreting tumor and in the surrounding nontumorous adrenal gland. Marusic ET, et al.
Proc Soc Exp Biol Med 131:778-80, Jul 69
[Physiopathology of renovascular hypertension] Veyrat R. **Radiol Clin (Basel)** 37:194-208, 1968 **(Fre)**
[Aspects of adrenal cortex function in obesity. V. Daily secretion of aldosterone] Scavo D, et al.
Folia Endocr (Roma) 21:577-90, Oct 68 **(Ita)**
[Aldosterone] Katsushima I.
Jap J Clin Med 27:394-9, Feb 69 **(Jap)**
[Adrenal cortex function tests and their interpretation] Miura K.
Jap J Clin Med 27:278-85, Feb 69 (61 ref.) **(Jap)**

THERAPEUTIC USE

Adaptation to dietary sodium restriction in adrenocortical insufficiency. Liberman B, et al.
Rev Franc Etud Clin Biol 14:46-51, Jan 69
[The formation and prevention of an ulcer in rats by various adrenal cortex steroids] Biró L, et al.
Z Ges Inn Med 24:154-6, 1 Mar 69 **(Ger)**

URINE

Potassium loss with thiazide therapy. Maronde RF, et al. **Amer Heart J** 78:16-21, Jul 69
Adrenal insufficiency and inappropriate secretion of antidiuretic hormone. Occurrence in a patient with carcinoma of the lung. Schambelan M, et al.
Arch Intern Med (Chicago) 124:197-201, Aug 69
Salivary sodium-potassium ratio and plasma renin activity in hypertension. Adlin V, et al.
Circulation 39:685-92, May 69
Effects of upright posture on renal electrolyte cycles. Vagnucci AH, et al. **J Appl Physiol** 26:720-31, Jun 69
Clinical studies on the acid-base balance disturbance in congestive heart failure. Awamura M.
Jap Circ J 33:275-91, Mar 69
[Long term development of adrenal gland insufficiency, designated regressive, in newborn infants] Lambertz J, et al.
Arch Franc Pediat 26:79-85, Jan 69 **(Fre)**
[Secondary hyperaldosteronisms] Veyrat R, et al.
Presse Med 77:189-90, 1 Feb 69 **(Fre)**
[Influence of furosemide (Lasix) on the excretion of electrolytes and aldosterone in the urine of infants] Janovský M, et al.
Pflueger Arch 307:R69-70, 1969 **(Ger)**
[The importance of primary aldosteronism as cause of "essential" hypertension] Siegenthaler W, et al.
Schweiz Med Wschr 99:825-8, Jun 69 **(Ger)**
[The plasma renin activity in decompensated and non-decompensated diabetes insipidus. Simultaneously a contribution to the regulation of renin secretion] Werning C, et al.
Schweiz Med Wschr 99:661-8, May 69 **(Ger)**
[Study on the renin-angiotensin-aldosterone system. Effects of sodium restriction and postural changes on plasma renin activity and fluctuation in urinary aldosterone] Kubota K.
Jap Circ J 33:323-32, Mar 69 **(Jap)**
[Aldosterone] Katsushima I.
Jap J Clin Med 27:394-9, Feb 69 **(Jap)**
[Aldosterone] Kondo T, et al.
Jap J Clin Med 27:359-62, Feb 69 **(Jap)**

ANDROSTERONE

Conversion of steroids to trimethylsilyl derivatives for gas phase analytical studies: reactions of silylating reagents. Chambaz EM, et al.
Anal Biochem 30:7-24, Jul 69

ANALYSIS

[The use of thin layer chromatography for the separation and determination of etiocolanolone, androsterone and dehydroepiandrosterone in urine] Rondini G, et al.
Minerva Pediat 19:1794-6, 29 Sep 67 **(Ita)**

BIOSYNTHESIS

Urinary mucoprotein fractions and 17-ketosteroids in healthy women and in patients with the stein-leventhal syndrome. Jabłoński K, et al.
Arch Immun Ther Exp 17:253-60, 1969

BLOOD

Determination of steroid mono- and disulfates in human plasma. Jänne O, et al.
Clin Chim Acta 23:405-12, Mar 69
Conjugated and unconjugated dehydroepiandrosterone, aetiocholanolone and androsterone in the peripheral plasma of patients with cancer of the breast, ovary, uterus or prostate. Garnham JR, et al. **Europ J Cancer** 5:239-45, Jun 69

METABOLISM

[Influence of sex hormones on the metabolism of androgens] Mauvais-Jarvis P, et al.
Rev Franc Etud Clin Biol 14:159-68, Feb 69 **(Fre)**

PHARMACODYNAMICS

Antimicrobial properties of testosterone and its intermediates. Yotis W, et al.
Antonie Leeuwenhoek 34:275-86, 1968
Effect of steroids on neuropharmacologic blockade of ovulation in pregnant mare's serum (PMS)-primed immature rats. Ying SY, et al.
Endocrinology 84:1466-74, Jun 69

THERAPEUTIC USE

The effect of clofibrate on open-angle glaucoma. Marrs JM, et al. **Arch Ophthal (Chicago)** 82:19-20, Jul 69
Foam cells in the renal glomerulus. McKenzie IF, et al.
J Path 97:151-4, Jan 69
[Studies on lipemia in elderly persons and the lipid lowering effect of a clofibrate derivate in 2 groups of test persons] Rilliet B, et al.
Praxis 58:815-20, 24 Jun 69 **(Fre)**
[Studies on the effect of mesterolon on chronic lesion of the myocardium] Fiegel G.
Med Welt 44:2447-50, 2 Nov 68 **(Ger)**

URINE

Urinary steroid excretion in a hirsute patient with ovarian cortical stromal hyperplasia and endometrial carcinoma. Mahesh VG, et al.
Amer J Obstet Gynec 104:602-3, 15 Jun 69
Some clinical and hormonal effects of testicular biopsy. Georgescu MM, et al. **Fertil Steril** 20:612-7, Jul-Aug 69
Abnormal lactation with Cushing's syndrome--a case report. Mahesh VB, et al.
J Clin Endocr 29:978-81, Jul 69
[Study of 13 cases of urinary elimination of testicular steroids after administration of H.M.G. (human menopausal gonadotropins) and H.C.G. (human

chorionic gonadotropins)] Jayle MF, et al.
Gynec Obstet (Paris) 67:503-8, Nov-Dec 68 (Fre)
[The steroid chromatogram in acute icterogenic hepatopathies] Abate G, et al.
Endocr Sci Cost 30:252-63, Apr 69 (Ita)
[The use of thin layer chromatography for the separation and determination of etiocolanolone, androsterone and dehydroepiandrosterone in urine] Rondini G, et al.
Minerva Pediat 19:1794-6, 29 Sep 67 (Ita)

BETAMETHASONE

ADMINISTRATION & DOSAGE

Injectable steroids in allergy. Grater WC, et al.
Ann Allerg 27:321-7, Jul 69
[Practical experiences of long-term therapy with a new depot-glucocorticosteroid. (Depot-betamethasone-celestone-chronodose)] Budde C, et al. Praxis 57:1344-7, 1 Oct 68 (Ger)

DIAGNOSTIC USE

Topical corticosteroids in a family with monozygotic, glaucoma-suspect twins. Tarkkanen A, et al.
Amer J Ophthal 66:658-61, Oct 68

PHARMACODYNAMICS

Vasoconstrictor activity and percutaneous absorption of glucocorticosteroids. A direct comparison. Stoughton RB. Arch Derm (Chicago) 99:753-6, Jun 69
Immunity to coccidiosis: gut permeability changes in response to sporozoite invasion. Rose ME, et al.
Experientia 25:183-4, 15 Feb 69
Metabolic changes in depression. Nistico G, et al.
Lancet 2:159, 19 Jul 69
[DNA-synthesis and hyperplasia of the epidermis after stripping and application of ointments] Christophers E. Arch Klin Exp Derm 233:277-86, 1968 (Ger)
[Effect of corticoid on the peripheral leukocytes] Yamaguchi M. Saishin Igaku 24:451-62, 10 Feb 68 (Jap)

THERAPEUTIC USE

A new local treatment for haemorrhoids. A general practitioner clinical trial.
Brit J Clin Pract 23:285-7, 7 Jul 69
[Study of a delayed action corticoid in cancerology practice] Toubiana CG.
Therapeutique 45:522-5, May 69 (Fre)
[Periocically occurring aphthae] Steigleder GK.
Deutsch Med Wschr 94:1386, 27 Jun 69 (Ger)
[Clinical considerations on betamethasone disodium phosphate with delayed action (Celestone A.R.)] Chiaverini P. Minerva Med 60:2216-8, 2 Jun 69 (Ita)

CORTICOSTERONE

Influence of corticosterone on the integrity of salivary glands and the incidence of dental caries in the rat. Liu FT, et al. J Dent Res 48:467-72, May-Jun 69
The binding of plasma progesterone in pregnancy. Heap RB. J Reprod Fertil 18:546-8, Apr 69

ADMINISTRATION & DOSAGE

[Acute adrenal insufficiency] Luton JP, et al.
Presse Med 77:1104, 25 Jun 69 (Fre)

ANALYSIS

An attempt to explain differences in the hypophyseal-adrenocortical response to repeated stressful stimuli by their dependence on differences in pathways. Stark E, et al.
Acta Med Acad Sci Hung 25:251-60, 1968
Direct fluorescence quantitation on thin-layer chromatograms. Hamman BL, et al.
J Lab Clin Med 73:1042-8, Jun 69
Glucose metabolism in rat lymphatic tissues: effects of acute and chronic exercise. Dieter MP.
Life Sci 8:459-68, 1 May 69
Hapten-radioimmunoassay: a general procdure for the estimation of steroidal and other haptenic substances. Midgley AR Jr, et al. Steroids 13:731-7, Jun 69
[Study of adrenal gland activity during lactation and postnatal life in rats] Kamoun A, et al.
Path Biol (Paris) 17:159-63, Feb 69 (Fre)
[Studies of fluorescence blank value in thin layer chromatography] Szeguhn C, et al.
Z Med Labortechn 9:357-60, 1968 (Ger)

BIOSYNTHESIS

Effects of experimental renal hypertension on aldosterone biosynthesis by rat adrenal tissue. Müller J, et al. Acta Endocr (Kobenhavn) 60:669-80, Apr 69
Corticosteroidogenesis and cytochrome levels in the regenerating rat adrenal. Gallant S, et al.
Arch Biochem 131:441-8, May 69
Effect of ouabain on corticosterone biosynthesis an on potassium and sodium concentration in calf adrenal tissue in vitro. Wellen JJ, et al.
Biochim Biophys Acta 183:110-7, 3 Jun 69
Effects of sodium deficiency, potassium deficiency and uremia upon the steroidogenic response of rat adrenal tissue to serotonin, potassium ions and adrenocorticotropin. Müller J, et al.
Endocrinology 85:43-9, Jul 69
[Effect of cyclic adenosine-3',5'-monophosphate (3',5'-AMP) and its dibutyryl derivative (DBA) on lipolysis, glycogenolysis and corticosterone synthesis] Bieck P, et al.
Naunyn Schmiedeberg Arch Pharm Exp Path 263:387-405, 1969 (Ger)
[Glucocorticoid function of adrenal cortex in rats exposed to polonium-210] Moroz BB, et al.
Radiobiologiia 8:689-92, Sep-Oct 68 (Rus)

BLOOD

Central nervous system lesions that block release of ACTH caused by traumatic stress. Gibbs FP.
Amer J Physiol 217:78-83, Jul 69
Area of pons necessary for traumatic stress-induced ACTH release under pentobarbital anesthesia. Gibbs FP. Amer J Physiol 217:84-8, Jul 69
Hypothalamo-pituitary-adrenal function in the rat after prolonged treatment with cortisol. Hodges JR, et al.
Brit J Pharmacol 36:489-95, Jul 69
Stress-free parenteral injections in the rat. Gosbee J, et al. Canad J Physiol Pharmacol 47:209-10, Feb 69
Abnormally high plasma corticosterone values using the acid fluorescence method. Kraicer J, et al.
Clin Chim Acta 23:512-3, Mar 69
Effect of corticotropin-releasing factor, dexamethasone and actinomycin D on the release of ACTH from rat pituitaries in vivo and in vitro. Arimura A, et al. Endocrinology 85:300-11, Aug 69
Relation of cerebrospinal fluid circulation to the ACTH-suppressing effects of corticosteroid implants in the rat brain. Kendall JW, et al.
Endocrinology 85:200-8, Aug 69
Dexamethasone suppression of ACTH release: effect of the interval between steroid administration and the application of stimuli known to release ACTH. Sirett NE, et al. Endocrinology 85:355-9, Aug 69
Release of ACTH by substances of central nervous system origin. Wied D de, et al.
Endocrinology 85:561-9, Sep 69
Relationships between brain catecholamine synthesis, pituitary adrenal function and the production of hypertension during prolonged exposure to environmental stress. Smookler HH, et al.
Int J Neuropharmacol 8:33-41, Jan 69
A simplified metyrapone test with determination of plasma 11-deoxycortisol (Metyrapone test with plasma S). Meikle AW, et al. J Clin Endocr 29:985-7, Jul 69
Systematic plasma progesterone levels during the pro-oestrous critical period in rats. Feder HH, et al.
J Endocr 43:xxix, Jan 69
Inhibition of the response to pituitary adrenocorticotrophic hormone in the hypophysectomized rat by circulatory corticosterone. Hill CD, et al. J Endocr 42:301-9, Oct 68
Metyrapone and pyrogen tests in hyperadrenocorticism: evaluation of blood corticotropin levels. Litta-Modignani R, et al.
J Endocr 42:245-51, Oct 68
Afferent pathways of stressful stimuli: corticotropin release after partial deafferentation of the medial basal hypothalamus. Makara GB, et al.
J Endocr 44:187-93, Jun 69
Effects of forced-feeding on blood levels of pyruvate, glucocorticoids and glucose and on adrenal weight in thiamine-deprived and thiamine antagonist-treated rats. Bitter RA, et al. J Nutr 98:147-52, Jun 69
Stimulation of adrenal glucocorticoid secretion in man

by raising the body temperature. Collins KJ, et al. **J Physiol (London)** 202:645-60, Jun 69

Progesterone, 20 alpha-hydroxy-delta 4-pregnen-3-one, androstenedione and corticosterone content of portal vein and vena caval blood in rats bearing ovarian grafts to the spleen. Leavitt WW, et al. **J Reprod Fertil** 18:172, Feb 69

Feedback suppression of 'non-stress' pituitary-adrenal function in rats with forebrain removed. Dunn J, et al. **Neuroendocrinology** 4:296-308, 1969

Biological profile of quingestanol acetate. Giannina T, et al. **Proc Soc Exp Biol Med** 131:781-9, Jul 69

ACTH stimulation and glucocorticoid inhibition of renin release in the rat. Hauger-Klevene JH, et al. **Proc Soc Exp Biol Med** 131:539-42, Jun 69

Plasma corticosterone in the rat in relation to trauma and environmental temperature. Tilstone WJ, et al. **Quart J Exp Physiol** 54:341-5, Jul 69

[Study of adrenal gland activity during lactation and postnatal life in rats] Kamoun A, et al. **Path Biol (Paris)** 17:159-63, Feb 69 **(Fre)**

[Animal experimental studies on synthetic peptides with corticotropin activity. A. Comparison with 3rd international Standard for corticotropin] Vogel HG. **Arzneimittelforschung** 19:20-4, Jan 69 **(Ger)**

[Animal experimental studies on synthetic peptides with corticotropin activity. B. Test of a depot-preparation of beta 1-23-corticotropin-23-amide-acetate] Vogel HG. **Arzneimittelforschung** 19:25-7, Jan 69 **(Ger)**

[Effect of cyclic adenosine-3',5'-monophosphate (3',5'-AMP) and its dibutyryl derivative (DBA) on lipolysis, glycogenolysis and corticosterone synthesis] Bieck P, et al. **Naunyn Schmiedeberg Arch Pharm Exp Path** 263:387-405, 1969 **(Ger)**

[Cortisol and corticosterone] Nakajija H, et al. **Jap J Clin Med** 27:352-8, Feb 69 **(Jap)**

[Glucocorticoid function of adrenal cortex in rats exposed to polonium-210] Moroz BB, et al. **Radiobiologiia** 8:689-92, Sep-Oct 68 **(Rus)**

DIAGNOSTIC USE

[Adrenal cortex function tests and their interpretation] Miura K. **Jap J Clin Med** 27:278-85, Feb 69 (61 ref.) **(Jap)**

ISOLATION & PURIFICATION

Effect of ouabain on corticosterone biosynthesis an on potassium and sodium concentration in calf adrenal tissue in vitro. Wellen JJ, et al. **Biochim Biophys Acta** 183:110-7, 3 Jun 69

Biosynthesis of allo-3-beta-tetrahydrocortisol (Reichstein's substance V) by an adrenal adenoma. Axelrod LR, et al. **J Clin Endocr** 29:936-41, Jul 69

METABOLISM

Intracellular binding of corticosterone in thymus tissue. Brunkhorst WK. **Biochem Biophys Res Commun** 35:880-6, 27 Jun 69

18-Hydrocorticosterone biosynthesis in an aldosterone secreting tumor and in the surrounding nontumorous adrenal gland. Marusic ET, et al. **Proc Soc Exp Biol Med** 131:778-80, Jul 69

Estradiol: specific binding by pituitary nuclear fraction in vitro. Leavitt WW, et al. **Science** 165:496-8, 1 Aug 69

PHARMACODYNAMICS

Evaluation of the role of the feedback effect of corticosteroids in the control of pituitary ACTH release. Bohus B. **Acta Physiol Acad Sci Hung** 35:141-8, 1969

Experimental studies on the carbonic anhydrase activity. XII. Effect of adrenocorticosteroids on carbonic anhydrase and Na+-K+-activated adenosine triphosphatase from kidney of adrenalectomized mice and rats. Suzuki S, et al. **Biochem Pharmacol** 18:993-1003, May 69

The adrenal gland and lactogenesis. Davis JW, et al. **Endocrinology** 85:155-60, Jul 69

Relation of cerebrospinal fluid circulation to the ACTH-suppressing effects of corticosteroid implants in the rat brain. Kendall JW, et al. **Endocrinology** 85:200-8, Aug 69

Growth hormone secretion by pituitary grafts under the median eminence or renal capsule. Peng MT, et al. **Endocrinology** 85:360-5, Aug 69

Inhibition of the response to pituitary adrenocorticotrophic hormone in the hypophysectomized rat by circulatory corticosterone. Hill CD, et al. **J Endocr** 42:301-9, Oct 68

Anti-ouabain action of steroid hormones on twitch and potassium contracture in heart ventricle strip of frog. Fujino S, et al. **Jap J Pharmacol** 19:148-56, Mar 69

The assay of ACTH and the action of ACTH and steroids on corticosteroidogenesis in the mouse. Purrott RJ, et al. **Pflueger Arch** 309:107-14, 1969

[Influence of some C21-steroids on the uptake of water by developing embryonic cartilage in vitro] Schär B. **Experientia** 25:322-3, 15 Mar 69 **(Ger)**

SECRETION

Stress-free parenteral injections in the rat. Gosbee J, et al. **Canad J Physiol Pharmacol** 47:209-10, Feb 69

Non-tumorous "primary" aldosteronism: II. Type not relieved by glucocorticoid. Salti IS, et al. **Canad Med Ass J** 101:11-6, 12 Jul 69

Effect of (K+) on the secretion of aldosterone. Funder JW, et al. **Endocrinology** 85:381-4, Aug 69

Inhibition of the response to pituitary adrenocorticotrophic hormone in the hypophysectomized rat by circulatory corticosterone. Hill CD, et al. **J Endocr** 42:301-9, Oct 68

Corticosteroid metabolism in depressive illness. Gibbons JL. **Psychiat Neurol Neurochir** 72:195-9, Mar-Apr 69

THERAPEUTIC USE

Cryotherapy for dendritic keratitis. Milverton EJ, et al. **Med J Aust** 1:889-93, 3 May 69

[Thrombelastographic studies in children with speical consideration of the maximal thrombus elasticity] Suschke J, et al. **Blut** 19:28-32, Apr 69 **(Ger)**

URINE

Effect of physical exercise on adrenocortical excretion. Bellet S, et al. **Metabolism** 18:484-7, Jun 69

[On the diagnosis and differential diagnosis of pituitary dwarfism (nanosomia pituitaria)] Mannstadt C, et al. **Z Aerztl Fortbild (Jena)** 62:1094-9, 1 Oct 68 **(Ger)**

CORTISONE

The mechanism of glucocorticoid action on the phytohemagglutinin-stimulated lymphocyte. I. In vitro binding of corticosteroids to lymphoid tissue. Eurenius K, et al. **Biochim Biophys Acta** 177:572-8, 6 May 69

The murine runting syndrome and neoplasia. Keast D. **Immunology** 16:693-7, Jun 69

Hepatic preservation with chlorpromazine and phenoxybenzamine; application to liver transplantation. Fonkalsrud EW, et al. **Surgery** 66:23-33, Jul 69

[Studies on carbohydrates disorders in obesity] Tsanev A, et al. **Pol Arch Med Wewnet** 42:563-5, 1969 **(Fre)**

[The formation and prevention of an ulcer in rats by various adrenal cortex steroids] Biró L, et al. **Z Ges Inn Med** 24:154-6, 1 Mar 69 **(Ger)**

ADMINISTRATION & DOSAGE

Coexisting anterior pituitary and neurohypophyseal insufficiency. A syndrome with diagnostic implication. Martin MM. **Arch Intern Med (Chicago)** 123:409-16, Apr 69

Water and salt metabolism following pituitary stalk section. Timmons RL, et al. **Neurology (Minneap)** 19:790-800, Aug 69

[Unchecked thyroid insufficiencies] Luton JP. **Presse Med** 77:1105-6, 25 Jun 69 **(Fre)**

[Acute adrenal insufficiency] Luton JP, et al. **Presse Med** 77:1104, 25 Jun 69 **(Fre)**

[Negative attempts to break immune tolerance] Orbach-Arbouys S. **Rev Franc Etud Clin Biol** 14:189-91, Feb 69 **(Fre)**

ADVERSE EFFECTS

Acute "idiopathic" pancreatitis. A post-mortem etiological study. Moberg A, et al. **Acta Chir Scand** 134:369-72, 1968

Etiology of congenital heart disease. Shakibi JG. **Henry Ford Hosp Med J** 17:101-6, Summer 69 (38 ref.)

[Difficulties and complications of general anesthesia in patients with acute renal insufficiency] Manolescu R. **Anesth Analg (Paris)** 26:67-74, Jan-Feb 69 (Fre)

[Dangers of various recent ophthalmologic drugs] Casanovas J, et al. **Ann Oculist (Paris)** 202:1-22, Jan 69 (Fre)

[Unusual history of bilateral associated cortisone-induced glaucoma and cataract] Algan B, et al. **Bull Soc Ophtal Franc** 68:660-7, Jul-Aug 68 (Fre)

[Therapeutic effect of alpha-tocopher- yl-quinone on muscular disorders of hyperthyroidism and of prolonged treatment by corticoids and antimitotics] Richier JL, et al. **Sem Hop Paris** 45:1406-12, 26 Apr 69 (Fre)

[Iatrogenic polyetiologic hypokalemia] Meskó K, et al. **Praxis** 57:20-3, 9 Jan 68 (Ger)

[Three further cases of unusual rheumatic tissue changes in primary chronic polyarthritis treated with cortisone] Gürich HG. **Verh Deutsch Ges Path** 52:519-25, 1968 (Ger)

[Adverse effects of cortisone therapy based on experiences of 264 cases] Lenoch F, et al. **Wien Med Wschr** 118:1099-102, 21 Dec 68 (Ger)

[Effect of corticotherapy on the residual pulmonary lesions after antitubercular chemotherapy] Araszkiewicz W. **Gruzlica** 37:223-34, Mar 69 (Pol)

[Polyarteritis nodosa with gangrene of the extremity] Ballo M, et al. **Angiologia** 21:153-61, Jul-Aug 69 (Spa)

ANALYSIS

Adrenal corticosteroids in submaxillary fluid. Katz FH, et al. **J Dent Res** 48:448-51, May-Jun 69

Hapten-radioimmunoassay: a general procdure for the estimation of steroidal and other haptenic substances. Midgley AR Jr, et al. **Steroids** 13:731-7, Jun 69

[Photocolorimetric determination of cortisone acetate by complex-ether group] Kovalenko LI, et al. **Farm Zh (Kiev)** 24:26-9, 1969 (Ukr)

ANTAGONISTS & INHIBITORS

The effects of cortisone and anabolic steroids on the tensile strength of healing wounds. Ehrlich HP, et al. **Ann Surg** 170:203-6, Aug 69

[The formation and prevention of an ulcer in rats by various adrenal cortex steroids] Biró L, et al. **Z Ges Inn Med** 24:154-6, 1 Mar 69 (Ger)

BLOOD

A simplified metyrapone test with determination of plasma 11-deoxycortisol (Metyrapone test with plasma S). Meikle AW, et al. **J Clin Endocr** 29:985-7, Jul 69

[On the insulin-cortisone relation in carbohydrate and protein metabolism] Gazariu L, et al. **Z Ges Inn Med** 23:708-11, 15 Nov 68 (Ger)

CHEMICAL SYNTHESIS

Nitrate esters of steroid hormones and related compounds. Preparation and biological properties. Hodoşan F, et al. **Arzneimittelforschung** 19:684-5, Apr 69

DIAGNOSTIC USE

"When diabetes". Raheja BS, et al. **J Indian Med Ass** 51:131-6, 1 Aug 68

Intravenous glucose tolerance in negro men deficient in glucose-6-phosphate dehydrogenase. Eppes RB, et al. **New Eng J Med** 281:60-3, 10 Jul 69

PHARMACODYNAMICS

Neonatal corticoid administration: effects upon adult pituitary growth hormone and hypothalamic growth hormone-releasing hormone activity. Sawano S, et al. **Acta Endocr (Kobenhavn)** 61:57-67, May 69

Experimental mycotic encephalitis. Swenberg JA, et al. **Acta Neuropath (Berlin)** 13:75-90, 1969

Blood pressure responses to angiotensin II following aldosterone and adrenalectomy. Ajzen H, et al. **Acta Physiol Lat Amer** 17:131-6, 1967

Safety testing of rubella virus vaccine (Cendehill strain). Preparation in primary rabbit kidney cells. Huygelen C, et al. **Amer J Dis Child** 118:362-6, Aug 69

Placental hormones and graft rejection. Hulka JF, et al. **Amer J Obstet Gynec** 104:889-92, 15 Jul 69

Hormonal, immunologic, and chemotherapeutic studies of transplantable human choriocarcinoma. Lewis JL Jr, et al. **Amer J Obstet Gynec** 104:472-8, 15 Jun 69

The effects of cortisone and anabolic steroids on the tensile strength of healing wounds. Ehrlich HP, et al. **Ann Surg** 170:203-6, Aug 69

Coexisting anterior pituitary and neurohypophyseal insufficiency. A syndrome with diagnostic implication. Martin MM. **Arch Intern Med (Chicago)** 123:409-16, Apr 69

Cortisone in clinical otorhinolaryngology. Its action mechanisms; its indications; its contraindications. Taillens JP. **Bibl Otorhinolaryng** 32-63, 1968

The absence of cortisone effect on the synthesis of specific histones and ribosomal protein subunits in liver. Hanoune J, et al. **Biochem Biophys Res Commun** 34:215-20, 27 Jan 69

The sequential stimulation of uracil-rich and guanine-rich RNA species during cortisone induction of hepatic enzymes. Yu FL, et al. **Biochem Biophys Res Commun** 35:499-504, 22 May 69

The use of chronically administered low doses of ethionine and puromycin to study increases in rat liver adenosine monophosphate deaminase activityused by thioacetamide injections. Kizer DE, et al. **Biochem Pharmacol** 18:1083-91, May 69

Effects of fasting, diabetes and glucocorticoids on gluconeogenic enzymes in the sheep. Filsell OH, et al. **Biochim Biophys Acta** 184:54-63, 17 Jun 69

Relationships between steroid binding and elevation of alkaline phosphatase in HeLa cells. Melnykovych G, et al. **Biochim Biophys Acta** 177:579-85, 6 May 69

The effect of bleeding on the number of in vitro colony-forming cells in the bone marrow. Metcalf D. **Brit J Haemat** 16:397-407, Apr 69

Metabolic and electrophoretic studies of rat liver sorbitol dehydrogenase. Murray RK, et al. **Canad J Biochem** 47:587-93, Jun 69

Dermal collagen response to experimental thermal injury in normal and in steroid hormone-treated rats. Kowalewski K, et al. **Canad J Surg** 12:342-50, Jul 69

Interactions of 6,7-3H-17beta-estradiol with mammary gland and other organs of the C3H mouse in vivo. Puca GA, et al. **Endocrinology** 85:1-10, Jul 69

Combined action of adrenal cortical hormones and endotoxin on cells of the reticuloendothelial system. Heilman DH. **Int Arch Allerg** 35:591-602, 1969

Protein turnover in skeletal muscle. II. Effects of denervation and cortisone on protein catabolism in skeletal muscle. Goldberg AL. **J Biol Chem** 244:3223-9, 25 Jun 69

Influence of hormones on bone. Smeenk D. **J Endocr** 43:xiv-xv, Jan 69

Biological properties of cell wall mucopeptide of hemolytic streptococci. Rotta J, et al. **J Exp Med** 130:31-47, 1 Jul 69

Influence of hormones on N-2-fluorenyldiacetamide-induced hyperplastic hepatic nodules in rats. Reuber MD. **J Nat Cancer Inst** 43:445-52, Aug 69

The proximal and distal tubular action of adrenal steroids on Na reabsorption. Hierholzer K, et al. **Nephron** 6:188-204, 1969 (47 ref.)

The effects of cortisone and somatotrophin on bone growth in rats. Raman A. **Quart J Exp Physiol** 54:11-5, Jan 69

Modification of urethan-lung tumor incidence by low x-radiation doses, cortisone, and transfusion of isotgenic lymphocytes. Cole LJ, et al. **Radiat Res** 39:391-9, Aug 69

Correlation of tissue-typing tests in baboon renal allotranspiants. Murphy GP, et al. **S Afr Med J** 43:689-94, 31 May 69

[Effect of corticoids on the survival of animals irradiated with supralethal doses] Zsebök ZB, et al. **Strahlentherapie** 135:623-7, May 68 (Ger)

[Morphological alterations in the diencephalon and telencephalon following disturbances to the feedback mechanism adenohypophysis-adrenal cortex. 3. Studies on the guinea pig after administration of cortisone and hydrocortisone] Mühlen K aus der, et al. **Z Zellforsch** 93:126-41, 1969 (Ger)

[Studies on the reversibility of shock in animals after adrenalectomy or chemical sympathectomy] Krawczak J. **Acta Physiol Pol** 20:261-76, 1969 (Pol)

[A morphological and histochemical study of the effects of levomycetin and cortisone on

immunogenesis] Podlevskii AF, et al.
Zh Mikrobiol 46:127-32, Feb 69 (Rus)

THERAPEUTIC USE

Attenuated rubella virus vaccines in children with tuberculosis. Clinical trials. Boué A, et al.
Amer J Dis Child 118:258-60, Aug 69
The adverse effect of adrenergic aerosols in bronchial asthma. Eisenstadt WS, et al.
Ann Allerg 27:283-8, Jun 69
Thyroid crisis: diagnosis and treatment. Nelson NC, et al. Ann Surg 170:263-73, Aug 69
Cortisone in clinical otorhinolaryngology. Its action mechanisms; its indications; its contraindications. Tailliens JP. Bibl Otorhinolaryng 32-63, 1968
Adrenal disorders in infancy and childhood. Klevit HD, et al. J Amer Med Wom Ass 24:141-5, Feb 69
The effect of cortisone on the growth rate of subcutaneously transplanted MT-70 squamous cell carcinoma in C3H-HeJ mice. Ziccardi JW.
J Amer Osteopath Ass 68:1063-5, Jun 69
Tumoral calcinosis with hyperphosphatemia. A report of a family with incidence in four siblings. Baldursson H, et al. J Bone Joint Surg [Brit] 51:913-25, Jul 69
Pathological changes in rabbits injected with Pasteurella tularensis killed by ionizing radiation. Finegold MJ, et al. J Infect Dis 119:635-40, Jun 69
Hypopituitarism with paranoid psychosis: a description of two cases. Dissanayake SA, et al.
J Neurol Neurosurg Psychiat 32:233-5, Jun 69
Scleroderma. 1. Clinical features, course of illness and response to treatment in 61 cases. Barnett AJ, et al.
Med J Aust 1:992-1001, 10 May 69
Care of the critically ill child: acute adrenal insufficiency. Bongiovanni AM.
Pediatrics 44:109-10, Jul 69
Adaptation to dietary sodium restriction in adrenocortical insufficiency. Liberman B, et al.
Rev Franc Etud Clin Biol 14:46-51, Jan 69
[Pancreatogenic hypoglycemia] Kristensen JK.
Nord Med 81:361-5, 20 Mar 69 (30 ref.) (Dan)
[Surgery in von Willebrand's disease. (A propos of 3 personal studies)] Meyer D, et al.
Nouv Rev Franc Hemat 9:307-10, Mar-Apr 69 (Fre)
[Tuberculous meningitis in adults. On clinical, biological, and current therapeutic aspects. Apropos of 58 recent cases] Bazin C, et al.
Presse Med 77:623-6, 5 Apr 69 (Fre)
[Horton's disease with bilateral eye involvment, cutaneous and lingual necrosis] Bour H, et al.
Presse Med 77:233-6, 8 Feb 69 (Fre)
[Articular manifestations of sarcoidosis] Caroit M, et al. Presse Med 77:288-90, 15 Feb 69 (Fre)
[Addison's disease and thyrotoxic crisis] Couturier E, et al. Presse Med 77:515-6, 22 Mar 69 (Fre)
[Ataxia-telangiectasia with acute lymphoblastic leukemia] Taleb N, et al.
Presse Med 77:345-7, 22 Feb 69 (Fre)
[Appendicitis with a tumoral form] Hillemand B, et al.
Sem Hop Paris 45:1211-3, 14 Apr 69 (Fre)
[Long-term cortisone therapy inspite of periapical granuloma?] Kaiser H.
Deutsch Med Wschr 94:1467, 11 Jul 69 (Ger)
[On the clinical picture of primary chronic cholangitis] Ossenberg FW, et al.
Med Welt 12:733-8, 23 Mar 68 (55 ref.) (Ger)
[Unusual course of cranial arteritis] Kazmeier F.
Munchen Med Wschr 111:531-4, 7 Mar 69 (Ger)
[Late results in asthma patients after nose and nasal sinus surgery] Balluch H.
Wien Med Wschr 119:364-8, 10 May 69 (Ger)
[Adverse effects of cortisone therapy based on experiences of 264 cases] Lenoch F, et al.
Wien Med Wschr 118:1099-102, 21 Dec 68 (Ger)
[Diseases of the temperomandibular joint and their therapy] Gärtner F.
Zahnaerztl Welt 78:19-24, 10 Jan 69 (Ger)
[Whipple's disease. Intestinal lipodystrophy] Marsella A. Nunt Radiol 33:1511-7, Dec 67 (Ita)
[Cortisone therapy syntonized with the circadian rhythm of the cortico-adrenal incretion] Bellomi C.
Rass Trim Odont 49:251-7, Jul-Sep 68 (Ita)
[Addison's disease in children (clinical contribution)] Corvaglia E. Riv Clin Pediat 80:615-27, Dec 67 (Ita)
[Effect of corticotherapy on the residual pulmonary lesions after antitubercular chemotherapy] Araszkiewicz W. Gruzlica 37:223-34, Mar 69 (Pol)
[Posner-Schlossman syndrome] Kossowicz H.
Klin Oczna 39:99-103, 1969 (Pol)
[Indications of cortisone in the treatment of staphylococcal septicemia] Zamfirescu I, et al.
Med Intern (Bucur) 20:1497-504, Dec 68 (Rum)
[On the problem of the possible use of steroid hormones in the clinical treatment of, and experimental poisoning with carbon tetrachloride] Gorodetskii MM.
Gig Tr Prof Zabol 12:32-3, Dec 68 (Rus)
[The surgical treatment and prevention of intestinal obstruction due to adhesions with the aid of corticosteroids and anticoagulants] Gnilorybov TE.
Vestn Khir Grekov 102:95-9, Jan 69 (Rus)
[The use of cortisone in injuries of the eye] Ryzhikov II, et al. Voennomed Zh 5:70-2, May 69 (Rus)

TOXICITY

[Experimental studies on some steride hormones on the development of the rabbit fetus II] Piotrowski J.
Przegl Lek 25:322-4, 1969 (Pol)

DEHYDROEPIANDROSTERONE

Conversion of steroids to trimethylsilyl derivatives for gas phase analytical studies: reactions of silylating reagents. Chambaz EM, et al.
Anal Biochem 30:7-24, Jul 69
Determination of steroid mono- and disulfates in human plasma. Jänne O, et al.
Clin Chim Acta 23:405-12, Mar 69

ANALYSIS

[The use of thin layer chromatography for the separation and determination of etiocolanolone, androsterone and dehydroepiandrosterone in urine] Rondini G, et al.
Minerva Pediat 19:1794-6, 29 Sep 67 (Ita)

BIOSYNTHESIS

The metabolism of steroids by skin in man. Grant JK.
Brit J Derm 81:Suppl 2:18-22, 1969 (9 ref.)
[Meaning of the foeto-placental unit in the steroid metabolism] Rappaport R.
Ann Pediat (Paris) 16:62-4, 2 Jan 69 (Fre)

BLOOD

Interrelation between adrenal function and formation of testosterone in vivo in the testis of the dog. Wassermann GF, et al.
Acta Endocr (Kobenhavn) 61:33-47, May 69
Conjugated and unconjugated dehydroepiandrosterone, aetiocholanolone and androsterone in the peripheral plasma of patients with cancer of the breast, ovary, uterus or prostate. Garnham JR, et al. Europ J Cancer 5:239-45, Jun 69
Secretion of C19-steroids and oestrogens in the polycystic ovary syndrome. Ovarian studies in vivo and in vitro (including studies in vitro on a coincidental granulosa cell tumour). Jeffcoate SL, et al. J Endocr 42:229-43, Oct 68

CHEMICAL SYNTHESIS

The identification and importance of new steroids in the foeto-placental unit. Kelly RW, et al.
J Endocr 43:xxiv-xxv, Jan 69

ISOLATION & PURIFICATION

Biosynthesis of allo-3-beta-tetrahydrocortisol (Reichstein's substance V) by an adrenal adenoma. Axelrod LR, et al. J Clin Endocr 29:936-41, Jul 69

METABOLISM

Regulation of rat testis steroid sulfatase. A kinetic study. Notation AD, et al.
Biochemistry (Wash) 8:501-6, Feb 69
The metabolism of androgens by sebaceous glands. Milne JA. Brit J Derm 81:Suppl 2:23-8, 1969 (20 ref.)
Conjugation of steroid hormones by breast-cancer tissue and selection of patients for adrenalectomy. Dao TL, et al. Brit J Surg 56:627, Aug 69
Levels of testosterone, androstenedione, estrone and estradiol-17 beta in the testes of fetal sheep. Attal JA.
Endocrinology 85:280-9, Aug 69
Effect of diethylstilbestrol on enzymes of cryptochid

mouse testes of Balb-c mice. Samuels LT, et al. **Endocrinology** 85:96-102, Jul 69

De novo formation and metabolism of steroid hormones in feminizing testes: biochemical and ultrastructural studies. Pérez-Palacios G, et al. **J Clin Endocr** 29:786-800, Jun 69

Steroid inhibition of cholesteryl sulphate cleavage in vitro by rat testis tissue. Notation AD, et al. **J Reprod Fertil** 18:154-5, Feb 69

The in vitro utulization of (4-14C)-dehydroisoandrosterone by human adrenocortical tumors associated with virilism. Neville AM, et al. **Steroids** 13:821-33, Jun 69

Conjugation of steroid hormones by breast cancer tissue and selection of patients for adrenalectomy. Dao TL, et al. **Surgery** 66:162-6, Jul 69

PHARMACODYNAMICS

Antimicrobial properties of testosterone and its intermediates. Yotis W, et al. **Antonie Leeuwenhoek** 34:275-86, 1968

SECRETION

The role of DHA in the pathogenesis of obesity and its metabolic complications. Sonka J, et al. **Pol Arch Med Wewnet** 42:549-51, 1969

URINE

The effect of exogenous human chorionic gonadotrophin on steroid excretion in the newborn. Lauritzen C, et al. **Acta Endocr (Kobenhavn)** 61:83-8, May 69

Urinary steroid excretion in a hirsute patient with ovarian cortical stromal hyperplasia and endometrial carcinoma. Mahesh VG, et al. **Amer J Obstet Gynec** 104:602-3, 15 Jun 69

Identification of steroid disulphates in male urine. Jänne O. **Ann Med Exp Biol Fenn** 46:301-5, 1968

Abnormal lactation with Cushing's syndrome--a case report. Mahesh VB, et al. **J Clin Endocr** 29:978-81, Jul 69

The identification and importance of new steroids in the foeto-placental unit. Kelly RW, et al. **J Endocr** 43:xxiv-xxv, Jan 69

[Clinical findings and laboratory diagnosis in Cushing's syndrome] Staub JJ, et al. **Praxis** 57:1398-409, 15 Oct 68 (60 ref.) (Ger)

[The use of thin layer chromatography for the separation and determination of etiocolanolone, androsterone and dehydroepiandrosterone in urine] Rondini G, et al. **Minerva Pediat** 19:1794-6, 29 Sep 67 (Ita)

[Clinical study of urinary 17-ketosteroid fractions in breast cancer--correlation with the effect of adrenalectomy in progressive breast cancer] Sakauchi N, et al. **Saishin Igaku** 24:463-70, 10 Feb 68 (Jap)

[The concentration of 17-neutral ketosteroids and dehydroepiandrosterone in the urine of patients with precancerous diseases and cancer of the uterine cervix] Mezinova NN, et al. **Vop Onkol** 15:77-9, 1969 (Rus)

DESOXYCORTICOSTERONE

Norepinephrine content of tissues in Doca-hypertensive rats. Kazda S, et al. **Amer J Physiol** 216:1472-5, Jun 69

Effects of aldosterone on blood pressure and glucose-6-phosphate dehydrogenase activity of heart muscle. Liew CC, et al. **Canad J Physiol Pharmacol** 47:193-7, Feb 69

Ultrastructure of the wall of small arteries in early experimental rat hypertension. Gardner DL, et al. **J Path** 97:51-62, Jan 69

A model for evaluation of thiazide-induced hypotension. Willard PW. **J Pharm Pharmacol** 21:406-8, Jun 69

Preparation and physico-chemical properties of some steroid heptafluorobutyrates and 3-enol heptafluorobutyrates. Dehennin LA, et al. **Steroids** 13:739-61, Jun 69

[Specific activity of the aorta measured by radioactive sodium in uninephrectomized rats with experimental hypertension (DOCA and salt)] Zech P, et al. **C R Soc Biol (Paris)** 162:1371-5, 8 Feb 69 (Fre)

ADMINISTRATION & DOSAGE

Water and salt metabolism following pituitary stalk section. Timmons RL, et al. **Neurology (Minneap)** 19:790-800, Aug 69

ANALYSIS

Synthesis and adrenocortical inhibiting activity of substituted diphenylalkylamines. Blank B, et al. **J Med Chem** 12:271-6, Mar 69

ANTAGONISTS & INHIBITORS

The synthesis and diuretic properties of some N-alkylaminocarbonyl- and N-pyrrolylcarbonylanthranilic acid derivatives. Felix AM, et al. **J Med Chem** 12:384-7, May 69

Pyrazine diuretics. VII. N-amidino-3-substituted pyrazinecarboxamides. Jones JH, et al. **J Med Chem** 12:285-7, Mar 69

Pyrazine diuretics. VI. (Pyrazinecarboxamido)guanidines. Shepard KL, et al. **J Med Chem** 12:280-5, Mar 69

The salt appetite of adrenalectomized rats as influenced by deoxycorticosterone and hydrochlorothizide. Fregly MJ, et al. **Proc Soc Exp Biol Med** 131:792-6, Jul 69

Spironolactone actions, independent of mineralocorticoid blockade. Selye H. **Steroids** 13:803-8, Jun 69

BIOSYNTHESIS

Effects of experimental renal hypertension on aldosterone biosynthesis by rat adrenal tissue. Müller J, et al. **Acta Endocr (Kobenhavn)** 60:669-80, Apr 69

Corticosteroidogenesis and cytochrome levels in the regenerating rat adrenal. Gallant S, et al. **Arch Biochem** 131:441-8, May 69

Effects of sodium deficiency, potassium deficiency and uremia upon the steroidogenic response of rat adrenal tissue to serotonin, potassium ions and adrenocorticotropin. Müller J, et al. **Endocrinology** 85:43-9, Jul 69

BLOOD

A simplified metyrapone test with determination of plasma 11-deoxycortisol (Metyrapone test with plasma S). Meikle AW, et al. **J Clin Endocr** 29:985-7, Jul 69

CHEMICAL SYNTHESIS

Nitrate esters of steroid hormones and related compounds. Preparation and biological properties. Hodoşan F, et al. **Arzneimittelforschung** 19:684-5, Apr 69

METABOLISM

Corticosteroidogenesis and cytochrome levels in the regenerating rat adrenal. Gallant S, et al. **Arch Biochem** 131:441-8, May 69

Suppression of adrenal metabolism of 4-14C-progesterone by testosterone-oxime and 17a-methyltestosterone-oxime in vitro. Rembiesa R, et al. **Biochem Pharmacol** 18:701-6, Apr 69

Reactions of 20-hydroxylated steroids with bovine adrenal tissue preparations. Burstein SH, et al. **Steroids** 13:399-412, Mar 69

PHARMACODYNAMICS

Blood pressure responses to angiotensin II following aldosterone and adrenalectomy. Ajzen H, et al. **Acta Physiol Lat Amer** 17:131-6, 1967

Absence of renin suppression by deoxycorticosterone acetate in rats. Goodwin FJ, et al. **Amer J Physiol** 216:1476-80, Jun 69

Renal handling of magnesium in the dog. Massry SG, et al. **Amer J Physiol** 216:1460-7, Jun 69

Physiologic role of reninlike constituent of submaxillary gland of the mouse. Takeda T, et al. **Amer J Physiol** 216:1194-8, May 69

Renal substrates and effect of lipokinetic arylamines on third-factor sodium excretion. Waugh WH, et al. **Amer J Physiol** 217:267-76, Jul 69

Experimental studies on the carbonic anhydrase activity. XII. Effect of adrenocorticosteroids on

carbonic anhydrase and Na+-K+-activated adenosine triphosphatase from kidney of adrenalectomized mice and rats. Suzuki S, et al.
Biochem Pharmacol 18:993-1003, May 69

Relationships between steroid binding and elevation of alkaline phosphatase in HeLa cells. Melnykovych G, et al. **Biochim Biophys Acta** 177:579-85, 6 May 69

Steroid potentiation of responses to sympathomimetic amines in aortic strips. Kaisner S.
Brit J Pharmacol 36:582-93, Jul 69

Non-tumorous "primary" aldosteronism: II. Type not relieved by glucocorticoid. Saiti IS, et al.
Canad Med Ass J 101:11-6, 12 Jul 69

Non-tumorous "primary" aldosteronism. I. Type relieved by glucocorticoid (glucocorticoid-remediable aldosteronism). Saiti IS, et al. **Canad Med Ass J** 101:1-10, 12 Jul 69

Interrelationships of sodium intake, hypertension, and norepinephrine storage in the rat. Champlain J de, et al. **Circ Res** 24:Suppl:75-92, May 69

Growth hormone secretion by pituitary grafts under the median eminence or renal capsule. Peng MT, et al.
Endocrinology 85:360-5, Aug 69

Interactions of 6,7-3H-17beta-estradiol with mammary gland and other organs of the C3H mouse in vivo. Puca GA, et al. **Endocrinology** 85:1-10, Jul 69

Effect of steroids on neuropharmacologic blockade of ovulation in pregnant mare's serum (PMS)-primed immature rats. Ying SY, et al.
Endocrinology 84:1466-74, Jun 69

Effect of drum stress on maximal electroconvulsive seizure latency in mice. Goldberg ME, et al.
Int J Neuropharmacol 8:161-7, Mar 69

The synthesis and diuretic properties of some N-alkylaminocarbonyl- and N-pyrrolylcarbonylanthranilic acid derivatives. Felix AM, et al. **J Med Chem** 12:384-7, May 69

Influence of hormones on N-2-fluorenyldiacetamide-induced hyperplastic hepatic nodules in rats. Reuber MD.
J Nat Cancer Inst 43:445-52, Aug 69

Influence of adrenalectomy on the synthesis of norepinephrine in the rat heart. Westfall TC, et al.
J Pharmacol Exp Ther 167:300-8, Jun 69

Anti-ouabain action of steroid hormones on twitch and potassium contracture in heart ventricle strip of frog. Fujino S, et al. **Jap J Pharmacol** 19:148-56, Mar 69

Regulation of total body sodium in the mammalian organism. Kramer K, et al. **Nephron** 6:379-87, 1969

Hypertension with inappropriate aldosterone stimulation. Christlieb AR, et al.
New Eng J Med 281:128-31, 17 Jul 69

The salt appetite of adrenalectomized rats as influenced by deoxycorticosterone and hydrochlorothizide. Fregly MJ, et al.
Proc Soc Exp Biol Med 131:792-6, Jul 69

Spironolactone actions, independent of mineralocorticoid blockade. Selye H.
Steroids 13:803-8, Jun 69

Nonsteroid, calcitonin-like factor from the adrenal gland. Kaplan EL, et al. **Surgery** 66:167-74, Jul 69

[On the effect of desoxycorticosterone glycoside on thyroid function] Gólián-Bartha K.
Acta Med Acad Sci Hung 25:121-6, 1968 (Ger)

[On the mechanism of the effect of deoxycorticosterone on the transmission of excitation in sympathetic ganglia] Nozdrachev AD.
Fiziol Zh SSSR Sechenov 54:454-62, Apr 68 (Rus)

[Efferent impulsation in the sympathetic conductors of conscious animals in adrenalectomy and corticosteroid administration] Nozdrachev AD.
Fiziol Zh SSSR Sechenov 53:1161-8, Oct 67 (Rus)

[On the role of some sections of the nervous system and endocrine glands in the development of non-specific resistance of the organism] Rusin VIa.
Fiziol Zh SSSR Sechenov 54:545-53, May 68 (Rus)

[The influence of desoxycorticosterone on the anti-tumor effect of thiophosphamide in intact and adrenalectomized rats with sarcoma 45] Grushina AA, et al. **Vop Onkol** 15:61-5, 1969 (Rus)

THERAPEUTIC USE

Pathogenesis of hyperkalemia in hypoaldosteronism. Hills AG. **J Clin Endocr** 29:988-9, Jul 69

Pathogenesis of hyperkalemia in hypoaldosteronism. Vagnucci AH. **J Clin Endocr** 29:989-90, Jul 69

[Addison's disease and thyrotoxic crisis] Couturier E, et al. **Presse Med** 77:515-6, 22 Mar 69 (Fre)

[The formation and prevention of an ulcer in rats by various adrenal cortex steroids] Biró L, et al.
Z Ges Inn Med 24:154-6, 1 Mar 69 (Ger)

[Addison's disease in two brothers] Rath F, et al.
Z Kinderheilk 106:197-205, 1969 (Ger)

URINE

[On the diagnosis and differential diagnosis of pituitary dwarfism (nanosomia pituitaria)] Mannstadt C, et al.
Z Aerztl Fortbild (Jena) 62:1094-9, 1 Oct 68 (Ger)

DEXAMETHASONE

Secretion of C19-steroids and oestrogens in the polycystic ovary syndrome: production and secretion rates measured by isotope dilution in urine. Jeffcoate SL, et al. **J Endocr** 42:213-28, Oct 68

Influence of formulation on aerosol particle size. Polli GP, et al. **J Pharm Sci** 58:484-6, Apr 69

Studies of adrenocortical ultrastructure. 3. Effects of dexamethasone and medroxyprogesterone on interrenal cells of the domestic fowl. Kjaerheim A.
Z Zellforsch 91:456-74, 1968

[The formation and prevention of an ulcer in rats by various adrenal cortex steroids] Biró L, et al.
Z Ges Inn Med 24:154-6, 1 Mar 69 (Ger)

ADMINISTRATION & DOSAGE

Quantitative systemic corticosteroid effect on xenograft reaction. Brown DC, et al.
Amer J Ophthal 67:896-9, Jun 69

Initial high dose irradiation for metastases causing spinal cord compression in children. Tefft M, et al.
Amer J Roentgen 106:285-93, Jun 69

Initial high dose irradiation for metastases causing spinal cord compression in children. Tefft M, et al.
Amer J Roentgen 106:385-93, Jun 69

Injectable steroids in allergy. Grater WC, et al.
Ann Allerg 27:321-7, Jul 69

Effect of short-term pharmacologic doses of adrenocorticosteroid therapy on wound healing. McNamara JJ, et al. **Ann Surg** 170:199-202, Aug 69

Sodium transfer from plasma to CSF in severe depressive illness. Carroll BJ, et al.
Arch Gen Psychiat (Chicago) 21:77-81, Jul 69

Radioactive depot-corticosteroid penetration into monkey ocular tissue. II. Subconjunctival administration. Hyndiuk RA.
Arch Ophthal (Chicago) 82:259-63, Aug 69

Starvation and ribonuclease activity in rat erythrocytes. Povoa Júnior H, et al.
Arq Brasil Endocr 17:99-102, Aug 68

Survival after 204 defibrillations. Parkinson PI, et al.
Brit Med J 3:175, 19 Jul 69

Dexamethasone suppression of ACTH release: effect of the interval between steroid administration and the application of stimuli known to release ACTH. Sirett NE, et al. **Endocrinology** 85:355-9, Aug 69

Dexamethasone nasal aerosol vs. placebo in the treatment of nasal polyposis. Taub SJ.
Eye Ear Nose Throat Monthly 47:392-5, Aug 68

[On the local treatment of infections of the ear canal and middle ear] Millard J.
Deutsch Med J 20:181-4, Mar 69 (Ger)

[On the treatment of otitis media] Terjung W.
Hippokrates 38:699-701, 15 Sep 67 (Ger)

[Report on results with incut ear drops] Bachmann W.
Med Welt 17:1026-7, Apr 69 (Ger)

[Combination of low phenylbutazone and dexamethasone dosage with a large administration of vitamin B12 for therapy of rheumatic diseases] Krueger GA. **Med Welt** 17:1030-4, Apr 69 (Ger)

[Stapolidex in dermatologic practice] Tangl J.
Med Welt 27:1633-4, 8 Jul 67 (Ger)

[The inhibitory effect of anti-inflammatory equipotent doses of dexamethasone and triamcinolone on the secretion rhythm of adrenal cortex steroids] Radvila A, et al. **Schweiz Med Wschr** 99:709-11, 10 May 69 (Ger)

ADVERSE EFFECTS

[A syndrome with characteristic traits of endogenous depression in the course of treatment of pemphigus with dexamethasone] Masiowski J.
Psychiat Pol 2:685-6, Nov-Dec 68 (Pol)

ANTAGONISTS & INHIBITORS

Effect of sodium salicylate on induced lipolysis in

isolated fat cells of the rat. Stone DB, et al. **Metabolism** 18:620-4, Jul 69

Interference in the effect of dexamethasone by diphenylhydantoin. Werk EE Jr, et al. **New Eng J Med** 281:32-4, 3 Jul 69

[The formation and prevention of an ulcer in rats by various adrenal cortex steroids] Biró L, et al. **Z Ges Inn Med** 24:154-6, 1 Mar 69 (Ger)

BLOOD

Comparison of absorption, disposal, and activity of soluble and repository corticosteroid esters. Melby JC, et al. **Clin Pharmacol Ther** 10:344-9, May-Jun 69

[Studies of the serum cortisone level and total urinary corticoid excretion following inhalation of dexamethasone-21-isonicotinate in tuberculous patients and pregnant women] Laumen F. **Beitr Klin Erforsch Tuberk** 138:56-67, 1968 (Ger)

[Rapidity and duration of the effect of coaticoid preparations] Stöckl W, et al. **Wien Tieraerztl Mschr** 56:229-32, 1969 (Ger)

DIAGNOSTIC USE

Urinary steroid excretion in a hirsute patient with ovarian cortical stromal hyperplasia and endometrial carcinoma. Mahesh VG, et al. **Amer J Obstet Gynec** 104:602-3, 15 Jun 69

Hypothalamic--pituitary function in depressive illness: insensitivity to hylycaemia. Carroll BJ. **Brit Med J** 3:27-8, 5 Jul 69

Abnormal lactation with Cushing's syndrome--a case report. Mahesh VB, et al. **J Clin Endocr** 29:978-81, Jul 69

Studies on adrenal cortical function in patients with lung cancer. Kawai A, et al. **Metabolism** 18:609-19, Jul 69

Interference in the effect of dexamethasone by diphenylhydantoin. Werk EE Jr, et al. **New Eng J Med** 281:32-4, 3 Jul 69

[Clinical findings and laboratory diagnosis in Cushing's syndrome] Staub JJ, et al. **Praxis** 57:1398-409, 15 Oct 68 (60 ref.) (Ger)

[Anterior pituitary function test] Iwai K, et al. **Jap J Clin Med** 27:248-58, Feb 69 (81 ref.) (Jap)

[Adrenal cortex function tests and their interpretation] Miura K. **Jap J Clin Med** 27:278-85, Feb 69 (61 ref.) (Jap)

METABOLISM

Metabolism of dexamethasone by rat liver. Starnes WR. **Alabama J Med Sci** 6:149-51 passim, Apr 69

Radioactive depot-corticosteroid penetration into monkey ocular tissue. II. Subconjunctival administration. Hyndiuk RA. **Arch Ophthal (Chicago)** 82:259-63, Aug 69

In vitro release and in vivo penetration studies of a topical steroid from nonaqueous vehicles. Dempski RE, et al. **J Pharm Sci** 58:579-82, May 69

PHARMACODYNAMICS

Effect of dexamethasone on calcium metabolism and 47Ca kinetics in normal subjects. Wajchenberg BL, et al. **Acta Endocr (Kobenhavn)** 61:173-92, May 69

Histometric studies on the adrenal cortex of mice with spontaneous adrenocortical lipid depletion. A comparison with dexamethasone- and ACTH-treated C57B1 mice. Moine K. **Acta Path Microbiol Scand** 75:51-63, 1969

The adrenal weight of mice with spontaneous adrenocortical lipid depletion. A comparison with untreated, ACTH- and dexamethasone-treated C57B1 mice. Moine K. **Acta Path Microbiol Scand** 75:37-50, 1969

Pituitary adrenocorticotrophic hormone (ACTH) induced hypoglycaemia. Korányi L, et al. **Acta Physiol Acad Sci Hung** 35:41-6, 1969

Dexamethazone and clearing factor. Povoa H, et al. **Acta Physiol Lat Amer** 17:326-7, 1967

Effect of short-term pharmacologic doses of adrenocorticosteroid therapy on wound healing. McNamara JJ, et al. **Ann Surg** 170:199-202, Aug 69

Effects of fasting, diabetes and glucocorticoids on gluconeogenic enzymes in the sheep. Filsell OH, et al. **Biochim Biophys Acta** 184:54-63, 17 Jun 69

Non-tumorous "primary" aldosteronism: II. Type not relieved by glucocorticoid. Salti IS, et al. **Canad Med Ass J** 101:11-6, 12 Jul 69

Effect of dexamethasone on citrate metabolism. Wajchenberg BL, et al. **Clin Sci** 36:15-24, Feb 69

Effect of corticotropin-releasing factor, dexamethasone and actinomycin D on the release of ACTH from rat pituitaries in vivo and in vitro. Arimura A, et al. **Endocrinology** 85:300-11, Aug 69

Relation of cerebrospinal fluid circulation to the ACTH-suppressing effects of corticosteroid implants in the rat brain. Kendall JW, et al. **Endocrinology** 85:200-8, Aug 69

Suppression of the hypothalami- c-pituitary-adrenal axis in the newborn dog. Muelheims GH, et al. **Endocrinology** 85:365-7, Aug 69

Inhibition by dexamethasone of the in vivo pituitary response to corticotropin-releasing factor (CRF). Russell SM, et al. **Endocrinology** 85:512-21, Sep 69

Dexamethasone suppression of ACTH release: effect of the interval between steroid administration and the application of stimuli known to release ACTH. Sirett NE, et al. **Endocrinology** 85:355-9, Aug 69

Release of ACTH by substances of central nervous system origin. Wied D de, et al. **Endocrinology** 85:561-9, Sep 69

Allergic encephalomyelitis: inhibition of cellular passive transfer by exogenous and endogenous steroids. Levine S, et al. **Experientia** 25:189-90, 15 Feb 69

Effects of conditioning and some drugs on cold adaptation in rats. Jonec V, et al. **Fed Proc** 28:987-91, May-Jun 69

Response of trypsin-treated brown and white fat cells to hormones. Preferential inhibition of insulin action. Fain JN, et al. **J Biol Chem** 244:3500-6, 10 Jul 69

Normal and abnormal regulation of beta-msh in man. Abe K, et al. **J Clin Invest** 48:1580-5, Aug 69

Stimulation and suppression of aldosterone in plasma of normal man and in primary aldosteronism. Horton R. **J Clin Invest** 48:1230-6, Jul 69

Dissociation between production and storage of corticotrophin-releasing factor. Smelik PG, et al. **J Endocr** 43:xxxvii, Jan 69

Anti-ouabain action of steroid hormones on twitch and potassium contracture in heart ventricle strip of frog. Fujino S, et al. **Jap J Pharmacol** 19:148-56, Mar 69

Human chorionic somato-mammotropine (HCSM): lipolytic action of a pure preparation on isolated fat cells. Genazzani AR, et al. **Metabolism** 18:593-8, Jul 69

Adrenal glands and sexual receptivity in female rhesus monkeys. Everitt BJ, et al. **Nature (London)** 222:1065-6, 14 Jun 69

The proximal and distal tubular action of adrenal steroids on Na reabsorption. Hierholzer K, et al. **Nephron** 6:188-204, 1969 (47 ref.)

Feedback suppression of 'non-stress' pituitary-adrenal function in rats with forebrain removed. Dunn J, et al. **Neuroendocrinology** 4:296-308, 1969

The action of dexamethasone and vasopressin on hypothalamic CRF production and release. Hedge GA, et al. **Neuroendocrinology** 4:242-53, 1969

Time course of glucocorticoid dependent changes in cardiac glycogen concentration. Daw JC, et al. **Proc Soc Exp Biol Med** 131:1042-4, Jul 69

[Study of 13 cases of urinary elimination of testicular steroids after administration of H.M.G. (human menopausal gonadotropins) and H.C.G. (human chorionic gonadotropins)] Jayle MF, et al. **Gynec Obstet (Paris)** 67:503-8, Nov-Dec 68 (Fre)

[Animal experimental studies on synthetic peptides with corticotropin activity. B. Test of a depot-preparation of beta 1-23-corticotropin-23-amide-acetate] Vogel HG. **Arzneimittelforschung** 19:25-7, Jan 69 (Ger)

[Animal experimental studies on synthetic peptides with corticotropin activity. A. Comparison with 3rd international Standard for corticotropin} Vogel HG. **Arzneimittelforschung** 19:20-4, Jan 69 (Ger)

[Experimental studies with strong antirheumatic agents] Zajusz K. **Med Welt** 19:1136-8, 10 May 69 (Ger)

[Effects of amiloride and triamterene on lipolysis and enzyme-induced glucose transport in isolated fat cells] Bruchhausen F von, et al. **Naunyn Schmiedeberg Arch Pharm Exp Path** 262:251-63, 1969 (Ger)

[The inhibitory effect of anti-inflammatory equipotent doses of dexamethasone and triamcinolone on the secretion rhythm of adrenal cortex steroids] Radvila A, et al. **Schweiz Med Wschr** 99:709-11, 10 May 69 (Ger)

[Water and electrolyte metabolism in the kidney, with

special reference to the third factor] Yoshitoshi Y, et al. Saishin Igaku 23:2462-74, 10 Dec 68 (69 ref.) (Jap)
Dexamethasone and transaminases in the adipose tissue of rats] Póvoa Júnior H, et al.
Arq Brasil Endocr 17:77-80, Aug 68 (Por)

THERAPEUTIC USE

Corneal thickness: postoperative changes in refrigerated and cryopreserved corneal grafts. Irvine AR, et al. Arch Ophthal (Chicago) 82:232-8, Aug 69
Non-tumorous "primary" aldosteronism. I. Type relieved by glucocorticoid (glucocorticoid-remediable aldosteronism). Salti IS, et al. Canad Med Ass J 101:1-10, 12 Jul 69
Experimental treatments of acute spinal cord injury. Ducker TB, et al. J Neurosurg 30:693-7, Jun 69
Polyneuropathy. Bevan JR. Lancet 1:1310, 28 Jun 69
Special problems in acute laryngotracheobronchitis. Ross JA. Laryngoscope 79:1218-26, Jul 69
Corticosteroid metabolism in depressive illness. Gibbons JL.
Psychiat Neurol Neurochir 72:195-9, Mar-Apr 69
Study of 13 cases of urinary elimination of testicular steroids after administration of H.M.G. (human menopausal gonadotropins) and H.C.G. (human chorionic gonadotropins)] Jayle MF, et al.
Gynec Obstet (Paris) 67:503-8, Nov-Dec 68 (Fre)
Horton's disease with bilateral eye involvment, cutaneous and lingual necrosis] Bour H, et al.
Presse Med 77:233-6, 8 Feb 69 (Fre)
Subacute polyarthritis in grippotyphosic leptospirosis] Cabanel G, et al.
Presse Med 77:95-6, 18 Jan 69 (Fre)
Total-body plethysmographic studies of the onset of effect after inhalation of a dexamethasone-21-isonocotinate-dosage-serosol] Günthner W.
Arzneimitteiforschung 19:116-7, Jan 69 (Ger)
Clinical testing of Dexamed-Butazone] Ozsváth A.
Med Welt 48:2669-70, 30 Nov 68 (Ger)
Stapolidex in dermatologic practice] Tangl J.
Med Welt 27:1633-4, 8 Jul 67 (Ger)
Experimental studies with strong antirheumatic agents] Zajusz K. Med Welt 19:1136-8, 10 May 69 (Ger)
Rhinologic agents. 14] Furkert K.
Pharm Prax 9:255-8, 1967 (96 ref.) (Ger)
Trials with a new combination preparation for the treatment of microbial infectious diseases] Buser E.
Schweiz Arch Tierheilk 110:673-81, Nov 68 (Ger)
Therapeutic experiences with a preservative-free dexamethasone cream] Klaschka A.
Z Allgemeinmed 45:570-3, 30 Apr 69 (Ger)
Clinical observations on the therapeutic activity of dexamethasone associated with hydroxocobalamin] Fiore L, et al. Minerva Med 60:2248-53, 6 Jun 69 (Ita)

ETIOCHOLANOLONE

ANALYSIS

The use of thin layer chromatography for the separation and determination of etiocolanolone, androsterone and dehydroepiandrosterone in urine] Rondini G, et al.
Minerva Pediat 19:1794-6, 29 Sep 67 (Ita)

BLOOD

Conjugated and unconjugated dehydroepiandrosterone, aetiocholanolone and androsterone in the peripheral plasma of patients with cancer of the breast, ovary, uterus or prostate. Garnham JR, et al. Europ J Cancer 5:239-45, Jun 69
Etiocholanone fever and liver diseases] Mühler E, et al. Med Welt 12:739-42, 23 Mar 68 (Ger)

METABOLISM

Testosterone metabolism in the isolated perfused guinea pig liver] Demisch K, et al.
Europ J Biochem 7:324-7, Jan 69 (Ger)

URINE

Urinary steroid excretion in a hirsute patient with ovarian cortical stromal hyperplasia and endometrial carcinoma. Mahesh VG, et al.
Amer J Obstet Gynec 104:602-3, 15 Jun 69

Some clinical and hormonal effects of testicular biopsy. Georgescu MM, et al. Fertil Steril 20:612-7, Jul-Aug 69
Abnormal lactation with Cushing's syndrome--a case report. Mahesh VB, et al.
J Clin Endocr 29:978-81, Jul 69
[Study of 13 cases of urinary elimination of testicular steroids after administration of H.M.G. (human menopausal gonadotropins) and H.C.G. (human chorionic gonadotropins)] Jayle MF, et al.
Gynec Obstet (Paris) 67:503-8, Nov-Dec 68 (Fre)
[Influence of sex hormones on the metabolism of androgens] Mauvais-Jarvis P, et al.
Rev Franc Etud Clin Biol 14:159-68, Feb 69 (Fre)
[The use of thin layer chromatography for the separation and determination of etiocolanolone, androsterone and dehydroepiandrosterone in urine] Rondini G, et al.
Minerva Pediat 19:1794-6, 29 Sep 67 (Ita)

FLUDROCORTISONE

ANTAGONISTS & INHIBITORS

Amiloride and the "electrolyte-eroid-cardiopathy with necrosis". Light and electron microscopic study of protective effects in rats. Kovács K, et al.
Arch Path (Chicago) 88:137-47, Aug 69

PHARMACODYNAMICS

Stimulation and suppression of aldosterone in plasma of normal man and in primary aldosteronism. Horton R. J Clin Invest 48:1230-6, Jul 69

THERAPEUTIC USE

Idiopathic orthostatic hypotension. Report of successful treatment with a new form of therapy. Seller RH. Amer J Cardiol 23:838-44, Jun 69
Some common factors in the causation of postural hypotension. Fine W.
Geront Clin (Basel) 11:206-15, 1969
Pathogenesis of hyperkalemia in hypoaldosteronism. Hills AG. J Clin Endocr 29:988-9, Jul 69

FLUMETHASONE

BLOOD

[Rapidity and duration of the effect of coaticoid preparations] Stöckl W, et al.
Wien Tieraerztl Mschr 56:229-32, 1969 (Ger)

THERAPEUTIC USE

Therapeutic effects of flumethasone in swine. Ballarini G. Vet Med 64:704-7, Aug 69
[Results of clinical tests of locacorten--tar] Jenny D.
Praxis 56:1765-8, 28 Dec 67 (Ger)
[Therapeutic activity of a new combined topical drug (flumethasone pivalate, mineral tar, salicylic acid)] Buzzoni A. Minerva Derm 42:555-7, Nov 67 (Ita)
[Locacorten in laryngological treatment] Grabowski M.
Wiad Lek 22:487-90, 1 Mar 69 (Pol)

FLUOCINOLONE ACETONIDE

Fluonid--a "new" topical corticosteroid.
Med Lett Drugs Ther 10:104, 13 Dec 68

PHARMACODYNAMICS

Vasoconstrictor activity and percutaneous absorption of glucocorticosteroids. A direct comparison. Stoughton RB. Arch Derm (Chicago) 99:753-6, Jun 69

THERAPEUTIC USE

Fluocinolone acetonide in atopic dermatitis. Loria PR.
J Louisiana Med Soc 121:49-50, Feb 69
How I treat alopecia areata. Tye MJ.
Postgrad Med 45:262-3, Apr 69

FLURANDRENOLONE

ADMINISTRATION & DOSAGE

Use of flurandrenolone tape in lupus erythematosus and other diseases. Boatwright H.
J S Carolina Med Ass 65:173-5, May 69

Flurandrenolone (Cordran) tape as occlusive therapy. Riley K. J S Carolina Med Ass 65:171-2, May 69

ADVERSE EFFECTS

Use of flurandrenolone tape in lupus erythematosus and other diseases. Boatwright H. J S Carolina Med Ass 65:173-5, May 69

GLUCOCORTICOIDS

[Corticoids administered by the general route] Soins 14:117-24, Mar 69 (Fre)

[The formation and prevention of an ulcer in rats by various adrenal cortex steroids] Biró L, et al. Z Ges Inn Med 24:154-6, 1 Mar 69 (Ger)

ADMINISTRATION & DOSAGE

Injectable steroids in allergy. Grater WC, et al. Ann Allerg 27:321-7, Jul 69

Chronic sinusitis and infectious asthma. Davison FW. Arch Otolaryng (Chicago) 90:202-7, Aug 69

Role of subconjunctival injection of steroid in extracapsular extraction of lens. Avasthi P, et al. Int Surg 51:537-9, Jun 69

The recognition and treatment of adrenal crisis. Pazianos AG. Med Clin N Amer 53:459-63, Mar 69 (9 ref.)

Intra-articular administration of corticosteroids. Med Lett Drugs Ther 10:31-2, 12 Jan 68

[Chlorambucil in the treatment of idiopathic nephrotic syndrome without glomrular lesions in childhood. Apropos of 30 cases] Lévèque B, et al. Ann Pediat (Paris) 16:13-23, 2 Jan 69 (Fre)

["Virus hepatitis"] Presse Med 77:763-6, 23 Apr 69 (Fre)

[The systemic effects of topical corticoids] Frenk E, et al. Schweiz Med Wschr 99:845-51, Jun 69 (Fre)

[Acute myocarditis in the newborn infant. Its relations with fibroelastosis. Its treatment] Gautier M, et al. Sem Hop Paris 44:2878-86, 14 Nov 68 (Fre)

[Treatment of rheumatic cardiopathies] Mozziconacci P, et al. Sem Hop Paris 44:2869-76, 14 Nov 68 (Fre)

[Para- and intra-articular junctions in current rheumatologic parctice] Rubens-Duval A. Therapeutique 45:500-2, May 69 (Fre)

[Experiences with a new therapeutic principle in dermatologic practice] Schmidt R. Landarzt 44:1686-8, 10 Dec 68 (Ger)

[Internal treatment of ulcerative colitis] Müller-Wieland K. Med Klin 64:964-8, 23 May 69 (34 ref.) (Ger)

[Long-term intermittent steroid treatment of bronchial asthma] Filipp G. Med Welt 35:1840-4, 31 Aug 68 (Ger)

ADVERSE EFFECTS

Corticosteroids and vascular connective tissue. I. Effects of prednisone on rabbit aorta. Biochemical and morphological studies. Lorenzen I. Acta Endocr (Kobenhavn) 60:586-94, Apr 69

Adverse effects of steroids in acute myeloblastic and monoblastic leukemia. Chopra IJ, et al. Acta Haemat (Basel) 41:106-13, 1969

A fortuitously controlled study of steroid therapy in acute viral hepatitis. I. Acute disease. Blum AL, et al. Amer J Med 47:82-92, Jul 69

A fortuitously controlled study of steroid therapy in acute viral hepatitis. II. Follow-up examination of 202 patients. Stutz R, et al. Amer J Med 47:93-100, Jul 69

Intra-articular administration of corticosteroids. Med Lett Drugs Ther 10:31-2, 12 Jan 68

Adverse ophthalmic effects of corticosteroids. Med Lett Drugs Ther 10:21-2, 12 Jan 68

Intraocular pressure changes in children with the use of corticosteroid therapy. Grossman BJ, et al. Proc Inst Med Chicago 27:55-6, May 68

Nitrogen mustard therapy in disseminated lupus erythematosus with steroid failure. Neglur R. Proc Inst Med Chicago 27:89-90, Jul 68

Problems of low tension glaucoma. Macdougald TJ. Trans Ophthal Soc UK 87:873-92, 1967

[The systemic effects of topical corticoids] Frenk E, et al. Schweiz Med Wschr 99:845-51, Jun 69 (Fre)

[Side-effects of glucocorticoids in liver therapy] Möller E, et al. Deutsch Med Wschr 94:1371-3 passim, 27 Jun 69 (Ger)

[Syntropy of diabetes and Addison's disease] Pappas A. Med Welt 29:1673-9, 22 Jul 67 (Ger)

[Experimental study on cortisone induced glaucoma. 3. Effect of pure glucocorticosteroids and adjuvants on isolated intraocular muscle strips of rhesus monkeys] Kern R. Ophthalmologica (Basel) 157:65-75, 1969 (Ger)

BIOSYNTHESIS

18-Hydrocorticosterone biosynthesis in an aldosterone secreting tumor and in the surrounding nontumorous adrenal gland. Marusic ET, et al. Proc Soc Exp Biol Med 131:778-80, Jul 69

[Glucocorticoid function of adrenal cortex in rats exposed to polonium-210] Moroz BB, et al. Radiobiologiia 8:689-92, Sep-Oct 68 (Rus)

BLOOD

Laboratory aids in the diagnosis of endocrine disorders. Katz FH. Med Clin N Amer 53:79-95, Jan 69 (43 ref.)

Time course of glucocorticoid dependent changes in cardiac glycogen concentration. Daw JC, et al. Proc Soc Exp Biol Med 131:1042-4, Jul 69

[The inhibitory effect of anti-inflammatory equipotent doses of dexamethasone and triamcinolone on the secretion rhythm of adrenal cortex steroids] Radvila A, et al. Schweiz Med Wschr 99:709-11, 10 May 69 (Ger)

[Rapidity and duration of the effect of coaticoid preparations] Stöckl W, et al. Wien Tieraerztl Mschr 56:229-32, 1969 (Ger)

PHARMACODYNAMICS

On the mechanism of mast cell formation. Effect of glucocorticoids on the mast cells of normal and thymectomized rats. Csaba G, et al. Acta Biol Acad Sci Hung 20:57-74, 1969

Pyruvate metabolism in mammalian liver. Parli CJ, et al. Amer J Physiol 216:1525-33, Jun 69

Vasoconstrictor activity and percutaneous absorption of glucocorticosteroids. A direct comparison. Stoughton RB. Arch Derm (Chicago) 99:753-6, Jun 69

In vitro stimulation of RNA synthesis in isolated rat liver nuclei by glucocorticoids. Ohtsuka E, et al. Biochem Biophys Res Commun 34:648-52, 6 Jun 69

Hormone control of connective tissue. Asboe-Hansen G. Brit J Derm 81:Suppl 2:2-8, 1969 (56 ref.)

Catatoxic steroids. Selye H. Canad Med Ass J 101:51-2, 12 Jul 69

Glucocorticoid control of the liver glycogen synthetase-activating system. Mersmann HJ, et al. J Biol Chem 244:1701-4, 10 Apr 69

Anti-ouabain action of steroid hormones on twitch and potassium contracture in heart ventricle strip of frog. Fujino S, et al. Jap J Pharmacol 19:148-56, Mar 69

Interaction of lysosomes and anti-infaimmatory drugs. Brown JH, et al. Proc Soc Exp Biol Med 131:614-20, Jun 69

ACTH stimulation and glucocorticoid inhibition of renin release in the rat. Hauger-Klevene JH, et al. Proc Soc Exp Biol Med 131:539-42, Jun 69

Hormonal induction of increased zinc uptake in mammalian cell cultures: requirement for RNA and protein synthesis. Cox RP. Science 165:196-8, 11 Jul 69

The role of corticoids in the management of shock. Schumer W, et al. Surg Clin N Amer 49:147-62, Feb 69 (59 ref.)

Prospects in treating viral disease of the eye. Jones BR. Trans Ophthal Soc UK 87:537-79, 1967

[Lactate dehydrogenase isoenzymes. Study in myocardial infarct and pulmonary embolism] Peytremann A, et al. Schweiz Med Wschr 99:698-702, 10 May 69 (Fre)

[On the problem of generalized mesenchymal reaction in the glucocorticoid therapy of primary chronic polyarthritis] Geidel H, et al. Beitr Rheum 13:107-9, 1968 (Ger)

[Clinical and biochemical effects of glucocorticoids as demonstrated by the example of Cushing's syndrome] Drews J. Med Klin 64:773-80, 25 Apr 69 (31 ref.) (Ger)

[Hormonal influences on the blood picture] Bucher U, et al. Schweiz Med Wschr 99:748-51, 17 May 69 (Ger)

[On the effect of glucocorticoids on thymus cells] Drews J. Verh Deutsch Ges Inn Med 74:1251, 1968 (Ger)

[Rheumatic connective tissue metabolism and pathological structure of the connective tissue in rheumatoid arthritis] Lindner J. Verh Deutsch Ges Inn Med 74:1315-49, 1968 (170 ref.) (Ger)

PHYSIOLOGY

The adrenal gland and lactogenesis. Davis JW, et al. Endocrinology 85:155-60, Jul 69
Dexamethasone suppression of ACTH release: effect of the interval between steroid administration and the application of stimuli known to release ACTH. Sirett NE, et al. Endocrinology 85:355-9, Aug 69
Time course of glucocorticoid dependent changes in cardiac glycogen concentration. Daw JC, et al. Proc Soc Exp Biol Med 131:1042-4, Jul 69
[Hormonal influences on the blood picture] Bucher U, et al. Schweiz Med Wschr 99:748-51, 17 May 69 (Ger)
Glucocorticoid function of the adrenal cortex in patients with cerebral circulatory disorders in atherosclerosis of the cerebral vessels] Rukhmanov AA.
Zh Nevropat Psikhiat Korsakov 69:220-3, 1969 (Rus)

SECRETION

Non-tumorous "primary" aldosteronism. I. Type relieved by glucocorticoid (glucocorticoid-remediable aldosteronism). Salti IS, et al. Canad Med Ass J 101:1-10, 12 Jul 69
Stimulation of adrenal glucocorticoid secretion in man by raising the body temperature. Collins KJ, et al. J Physiol (London) 202:645-60, Jun 69
Time course of glucocorticoid dependent changes in cardiac glycogen concentration. Daw JC, et al. Proc Soc Exp Biol Med 131:1042-4, Jul 69
The inhibitory effect of anti-inflammatory equipotent doses of dexamethasone and triamcinolone on the secretion rhythm of adrenal cortex steroids] Radvila A, et al. Schweiz Med Wschr 99:709-11, 10 May 69 (Ger)
Effect of corticoids on the survival of animals irradiated with supralethal doses] Zsebök ZB, et al. Strahlentherapie 135:623-7, May 68 (Ger)
Adrenal cortex function tests and their interpretation] Miura K.
Jap J Clin Med 27:278-85, Feb 69 (61 ref.) (Jap)
The glucocorticoid function of the adrenal cortex in patients with chronic poisoning due to certain chlorinated unsaturated hydrocarbons] Rumiantseva EP, et al. Gig Tr Prof Zabol 12:16-9, Dec 68 (Rus)
On the effect of chloroquine phosphate on the glucocorticoid function of the adrenal cortex in patients with lupus erythematosus] Berezhnaia LA. Vestn Derm Vener 41:27-8, Jan 67 (Rus)
Glucocorticoid function of the adrenal cortex in patients with cerebral circulatory disorders in atherosclerosis of the cerebral vessels] Rukhmanov AA.
Zh Nevropat Psikhiat Korsakov 69:220-3, 1969 (Rus)

THERAPEUTIC USE

Mesenchymal aspects of dermatology. Asboe-Hansen G. Acta Dermatovener (Stockholm) 49:1-5, 1969
A fortuitously controlled study of steroid therapy in acute viral hepatitis. I. Acute disease. Blum AL, et al. Amer J Med 47:82-92, Jul 69
Leukemic form of immunocytic dyscrasia (plasma cell leukemia). A study of ten cases and a review of the literature. Pruzanski W, et al. Amer J Med 47:60-74, Jul 69
A fortuitously controlled study of steroid therapy in acute viral hepatitis. II. Follow-up examination of 202 patients. Stutz R, et al. Amer J Med 47:93-100, Jul 69
Non-tumorous "primary" aldosteronism: II. Type not relieved by glucocorticoid. Salti IS, et al. Canad Med Ass J 101:11-6, 12 Jul 69
Non-tumorous "primary" aldosteronism. I. Type relieved by glucocorticoid (glucocorticoid-remediable aldosteronism). Salti IS, et al. Canad Med Ass J 101:1-10, 12 Jul 69
Human cardiac transplantation. Cooley DA, et al. Circulation 39:Suppl:3-12, May 69
The inflammatory diseases of the large and small bowel. Van Prohaska J.
Curr Probl Surg 2-44, Mar 69 (81 ref.)
Therapeutic usefulness of the association of "adrenocortical extracts, liver extracts and vitamin B 12". Benedetti G, et al. Farmaco [Prat] 22:590-605, Oct 67
Evaluation of treatment of tuberculous meningitis since the use of steroid as an adjuvant. Kapur S. Indian Pediat 6:166-71, Mar 69
The treaatment of bronchial asthma. Sheffer AL, et al. Med Clin N Amer 53:239-48, Mar 69 (33 ref.)
Salmonella infections.
Med Lett Drugs Ther 10:50-2, 28 Jun 68
Toxoplasmosis. Med Lett Drugs Ther 10:107-8, 27 Dec 68
Photosensitivity to systemic and topical drugs.
Med Lett Drugs Ther 10:32, 12 Jan 68
The role of corticoids in the management of shock. Schumer W, et al.
Surg Clin N Amer 49:147-62, Feb 69 (59 ref.)
The management of sarcoidosis. James DG.
Ther Umsch 25:611-5, Nov 68
Ischaemic optic neuropathy. Cullen JF.
Trans Ophthal Soc UK 87:759-74, 1967
Prospects in treating viral disease of the eye. Jones BR.
Trans Ophthal Soc UK 87:537-79, 1967
Treatment of uveitis with azathioprine (Imuran). Newell FW, et al.
Trans Ophthal Soc UK 87:499-511, 1967
Therapeutic effects of flumethasone in swine. Bailarini G. Vet Med 64:704-7, Aug 69
[Subacute prolonged pneumonia in the premature infant] Caldera R, et al.
Ann Pediat (Paris) 15:796-804, 2 Dec 68 (Fre)
[Hemolytic and uremic syndrome associated with an idiopathic nephrotic syndrome of 4 years' development] Marie J, et al.
Ann Pediat (Paris) 16:7-12, 2 Jan 69 (Fre)
[The course of congenital toxoplasmosis. Critical study of 12 treated cases] Martin C, et al.
Ann Pediat (Paris) 16:117-28, 2 Feb 69 (Fre)
[Osseous localizations of mastocytosis] Deshayes P, et al. Sem Hop Paris 45:524-30, 14 Feb 69 (Fre)
[The use of high-dose cyclophosphamide in the treatment of human solid tumors] Meeus-Bith L, et al.
Sem Hop Paris 44:3307-20, 20 Dec 68 (Fre)
[Treatment of common sciatica] Weifling J.
Sem Hop Paris 45:539-42, 14 Feb 69 (Fre)
[Treatment of pleurisies] Maillard JM.
Ther Umsch 25:604-10, Nov 68 (Fre)
[On the problem of generalized mesenchymal reaction in the glucocorticoid therapy of primary chronic polyarthritis] Geidel H, et al.
Beitr Rheum 13:107-9, 1968 (Ger)
[Recent methods of drug therapy in rheumatoid arthritis] Günther R. Beitr Rheum 13:75-87, 1968 (Ger)
[Drug therapy of progressive polyarthritis] Niepel G.
Beitr Rheum 13:97-106, 1968 (Ger)
[Does it make sense to treat and prevent edema with glucocorticosteroids?] Nehlmeyer C.
DDZ 23:269-72, Jun 69 (Ger)
[Psoriasis on the hair-covered head] Braun-Falco O.
Deutsch Med Wschr 94:1466-7, 11 Jul 69 (Ger)
[Therapy of acute viral hepatitis] Lindner H.
Landarzt 43:910-8, 10 Jul 67 (Ger)
[Experiences with a new therapeutic principle in dermatologic practice] Schmidt R.
Landarzt 44:1686-8, 10 Dec 68 (Ger)
[Internal treatment of ulcerative colitis] Müller-Wieland K.
Med Klin 64:964-8, 23 May 69 (34 ref.) (Ger)
[Long-term intermittent steroid treatment of bronchial asthma] Filipp G.
Med Welt 35:1840-4, 31 Aug 68 (Ger)
[Use of glucocorticoid in epilepsy] Wegener K.
Med Welt 24:1497-8, 17 Jun 67 (Ger)
[Ulcerative colitis. On its etiology, clinical aspects and therapy from the surgical viewpoint] Theisinger W.
Munchen Med Wschr 111:1252-8, 30 May 69 (Ger)
[Therapy of pulmonary emphysema] Baumann HR.
Ther Umsch 25:592-8, Nov 68 (Ger)
[Myocardial infarct-like clinical picture as a rare complication following the application of tetanus antitoxin] Czirner J, et al.
Z Ges Inn Med 24:119-21, 15 Feb 69 (Ger)
[Therapeutic activity of a new combined topical drug (flumethasone pivalate, mineral tar, salicylic acid)] Buzzoni A. Minerva Derm 42:555-7, Nov 67 (Ita)
[Therapy of chronic hepatitis] Kosaka K, et al.
Naika 23:302-6, Feb 69 (Jap)
[Effect of glucocorticotherapy on the behavior of pyruvic acid in the course of virus hepatitis] Kita R.
Pol Arch Med Wewnet 42:643-7, Apr 69 (Pol)
[Glucocorticoids in the complex treatment of chronic liver diseases] Bondar ZA.
Ter Arkh 39:13-20, Mar 67 (Rus)

URINE

[Hormonal background of male sterility] Kaivola S, et al. Duodecim 85:237-44, 1969 (32 ref.) (Fin)
[Treatment trials with K 33 suppositories in impotentia

coeundi] Barberini E.
Med Welt 19:1139-43, 10 May 69 (Ger)
[Glucocorticoid function of the adrenal cortex in patients with cerebral circulatory disorders in atherosclerosis of the cerebral vessels] Rukhmanov AA.
Zh Nevropat Psikhiat Korsakov 69:220-3, 1969 (Rus)

HYDROCORTISONE

The distribution of glycogen in mouse and rat palatal processes during secondary palatal processes during secondary palate formation: an ultrastructural study. DeAngelis V. Arch Oral Biol 14:385-95, Apr 69
The mechanism of glucocorticoid action on the phytohemagglutinin-stimulated lymphocyte. I. In vitro binding of corticosteroids to lymphoid tissue. Eurenius K, et al.
Biochim Biophys Acta 177:572-8, 6 May 69
Extraction and purification of DNA-dependent RNA polymerase from rat liver nuclei. Seifart KH, et al.
Europ J Biochem 7:408-12, Jan 69
Homologous skin-sensitizing activity of rabbit anti hydrocortisone hemisuccinate antibodies. I. Biological and physicochemical properties of the "early" and "late" antibodies. Pinto M, et al.
Int Arch Allerg 35:603-16, 1969
Purification and properties of rat liver tyrosine aminotransferase. Valeriote FA, et al.
J Biol Chem 244:3618-24, 10 Jul 69
Influence of corticosterone on the integrity of salivary glands and the incidence of dental caries in the rat. Liu FT, et al. J Dent Res 48:467-72, May-Jun 69
Consecutive first-order kinetic consideration of hydrocortisone hemisuccinate. Mauger JW, et al.
J Pharm Sci 58:574-8, May 69
Stereospecific nuclear and cytosol aldosterone-binding proteins of various tissues. Swaneck GE, et al.
Nephron 6:297-316, 1969

ADMINISTRATION & DOSAGE

Pressor agents in cardiogenic shock. Corday E, et al.
Amer J Cardiol 23:900-10, Jun 69
Hypospray treatment of tennis elbow. Hughes GR, et al.
Ann Rheum Dis 28:58-62, Jan 69
Local corticosteroid injections.
Brit Med J 3:102-4, 12 Jul 69
Fulminating hemolytic streptococcal infection. Michaels L, et al. Canad J Surg 12:318-25, Jul 69
Idiopathic tenosynovitis in foals. Van Pelt RW.
J Amer Vet Med Ass 155:510-7, 1 Aug 69
Radioactivity of dermis and epidermis after injection of 1,2-3H-cortisol acetate and 1,2-3H-cortisol. Smith QT. J Invest Derm 52:521-7, Jun 69
[Acute adrenal insufficiency] Luton JP, et al.
Presse Med 77:1104, 25 Jun 69 (Fre)
[On the treatment of maxillary sinusitis with terracortril gel] Schläppi P, et al.
Pract Otorhinolaryng (Basel) 31:182-7, 1969 (Ger)
[Intraspinal cortisone therapy in a case of Vogt-Koyanagi-Harada uveomeningitis] Mazza C, et al.
Riv Otoneurooftal 42:345-56, Sep-Oct 67 (Ita)

ADVERSE EFFECTS

Fulminating hemolytic streptococcal infection. Michaels L, et al. Canad J Surg 12:318-25, Jul 69
[Traumatic rupture of the stomach] Simon GC, et al.
Sem Hop Paris 45:1179-83, 14 Apr 69 (Fre)

ANALYSIS

Effect of antimalarial drugs and collection methods on urinary and plasma 17-hydroxycorticosteroid determinations. Gilliland PF, et al.
Clin Pharmacol Ther 10:551-8, Jul-Aug 69
Adrenal corticosteroids in submaxillary fluid. Katz FH, et al. J Dent Res 48:448-51, May-Jun 69
Direct fluorescence quantitation on thin-layer chromatograms. Hamman BL, et al.
J Lab Clin Med 73:1042-8, Jun 69
Transplacental passage of steroids: the presence of corticosteroids in amniotic fluid. Abramovich DR, et al. J Obstet Gynaec Brit Comm 76:610-4, Jul 69
Stimulation of adrenal glucocorticoid secretion in man by raising the body temperature. Collins KJ, et al.
J Physiol (London) 202:645-60, Jun 69
Reproductive physiology of the post partum cow. II. Pituitary, adrenal and thyroid function. Wagner WC, et al. J Reprod Fertil 18:501-8, Apr 69
Radioimmunoassay for estrogens: a preliminary communication. Jiang NS, et al.
Mayo Clin Proc 44:461-5, Jul 69
Hapten-radioimmunoassay: a general procdure for the estimation of steroidal and other haptenic substances. Midgley AR Jr, et al. Steroids 13:731-7, Jun 69
[Studies of fluorescence blank value in thin layer chromatography] Szeguhn C, et al.
Z Med Labortechn 9:357-60, 1968 (Ger)

ANTAGONISTS & INHIBITORS

Cortisol induction of lipolysis in adrenalectomized diabetic rats. McCraw EF, et al.
Life Sci 8:505-9, 15 May 69

BIOSYNTHESIS

The metabolism of steroids by skin in man. Grant JK.
Brit J Derm 81:Suppl 2:18-22, 1969 (9 ref.)
Non-tumorous "primary" aldosteronism. I. Type relieved by glucocorticoid (glucocorticoid-remediable aldosteronism). Salti IS, et al. Canad Med Ass J 101:1-10, 12 Jul 69

BLOOD

Objective evaluation of pentobarbital as preanesthetic medication: effect on adrenocortical function. Oyama T, et al.
Anesth Analg (Cleveland) 48:367-72, May-Jun 69
Sodium transfer from plasma to CSF in severe depressive illness. Carroll BJ, et al.
Arch Gen Psychiat (Chicago) 21:77-81, Jul 69
Effect of Metopirone on the rate of cortisol disappearance from plasma. Szeberényi S, et al.
Biochem Pharmacol 18:927-8, Apr 69
Biologically active cortisol in plasma of oestrogen-treated and normal subjects. Burke CW.
Brit Med J 2:798-800, 28 Jun 69
Hypothalamic--pituitary function in depressive illness: insensitivity to hylycaemia. Carroll BJ.
Brit Med J 3:27-8, 5 Jul 69
An objective evaluation of tranquilizers as preanaesthetic medication: effect on adrenocortical function. Oyama T, et al.
Canad Anaesth Soc J 16:209-16, May 69
Corticosteroid response to natural and synthetic corticotrophins in the autotransplanted sheep adrenal. France NC, et al.
Endocrinology 85:570-4, Sep 69
Suppression of the hypothalami- c-pituitary-adrenal axis in the newborn dog. Muelheims GH, et al.
Endocrinology 85:365-7, Aug 69
Persistence of a physiological circadian rhythm of plasma-free 11-hydroxycorticosteroid levels in totally fasting obese subjects. Marti H, et al.
Experientia 25:320-1, 15 Mar 69
Effects of testosteronereatment on plasma proteins and amino acids in men. Dickinson P, et al.
J Clin Endocr 29:837-41, Jun 69
Elevated nonprotein-bound cortisol (NPC) in pregnancy, during estrogen administration and in carcinoma of the prostate. Doe RP, et al.
J Clin Endocr 29:757-66, Jun 69
Abnormal lactation with Cushing's syndrome--a case report. Mahesh VB, et al.
J Clin Endocr 29:978-81, Jul 69
A simplified metyrapone test with determination of plasma ll-deoxycortisol (Metyrapone test with plasma S). Meikle AW, et al. J Clin Endocr 29:985-7, Jul 69
Transplacental passage of steroids: the presence of corticosteroids in amniotic fluid. Abramovich DR, et al. J Obstet Gynaec Brit Comm 76:610-4, Jul 69
Stimulation of adrenal glucocorticoid secretion in man by raising the body temperature. Collins KJ, et al.
J Physiol (London) 202:645-60, Jun 69
Familial galactorrhea in three sisters with oligo-ovulation. Wider JA, et al.
JAMA 209:669-71, 4 Aug 69
Oral contraceptives and glucose tolerance. Doar JW, et al. Lancet 1:1156, 7 Jun 69
Evaluation of three acute tests of hypothalamic-pituitary-adrenal function. Carroll BJ, et al. Metabolism 18:476-83, Jun 69
Studies on adrenal cortical function in patients with lung cancer. Kawai A, et al.
Metabolism 18:609-19, Jul 69

Alternate-day prednisone therapy. Evaluation of delayed hypersensitivity responses, control of disease and steroid side effects. MacGregor RR, et al. **New Eng J Med** 280:1427-31, 26 Jun 69

Interference in the effect of dexamethasone by diphenylhydantoin. Werk EE Jr, et al. **New Eng J Med** 281:32-4, 3 Jul 69

Effect of insulin on the metabolism of fat and carbohydrate in growth-onset diabetes with angiolopathy. Michaelis D, et al. **Pol Arch Med Wewnet** 42:487-95, 1969

High-dosage short-term corticotrophin therapy in acute asthma. Glick IW, et al. **Thorax** 24:415-20, Jul 69

[Determination of plasma and urinary cortisol by competition] Kolanowski J, et al. **Ann Endocr (Paris)** 29:473-9, Jul-Aug 68 **(Fre)**

[Long term development of adrenal gland insufficiency, designated regressive, in newborn infants] Lambertz J, et al. **Arch Franc Pediat** 26:79-85, Jan 69 **(Fre)**

[Relation between the biosynthesis of cortisol and the level of blood urea in guinea pigs deficient in vitamin C] Rahandraha T. **J Physiol (Paris)** 59:Suppl:284, 1967 **(Fre)**

[Study of the physiological variations of plasma transcortin in woman during pregnancy] Guidollet J, et al. **Presse Med** 77:719-20, 19 Apr 69 **(Fre)**

[Studies of the serum cortisone level and total urinary corticoid excretion following inhalation of dexamethasone-21-isonicotinate in tuberculous patients and pregnant women] Laumen F. **Beitr Klin Erforsch Tuberk** 138:56-67, 1968 **(Ger)**

[On the determination of plasma 11-hydroxycorticosteroids by the rapid fluorometric method of Mattingly] Pichler E. **Clin Chim Acta** 24:283-92, May 69 **(Ger)**

[A thin-layer chromatography method for the quantitative determination of plasma cortisol] Schaller KH, et al. **Int Z Angew Physiol** 27:110-5, 1969 **(Ger)**

[Clinical findings and laboratory diagnosis in Cushing's syndrome] Staub JJ, et al. **Praxis** 57:1398-409, 15 Oct 68 (60 ref.) **(Ger)**

[Adrenal function test with Synacthen in children] Girard J, et al. **Schweiz Med Wschr** 99:7-10, 4 Jan 69 **(Ger)**

[On ethiopathogenetic and therapeutic aspects of arterial (essential) hypertension disease] Graff C, et al. **Z Ges Inn Med** 24:21-4, 1 Jan 69 **(Ger)**

[Aspects of cortisol metabolism in liver diseases] Della Casa L, et al. **Endocr Sci Cost** 29:344-53, Nov 67 **(Ita)**

[Cortisol in the blood after administration of adrenal-cortex and liver extracts] Mulargia A, et al. **Policlinico [Prat]** 76:840-6, 30 Jun 69 **(Ita)**

[Biorhythm of free plasma cortisol in normal children in early and late childhood] Zammarchi E, et al. **Riv Clin Pediat** 80:646-52, Dec 67 **(Ita)**

[Plasma cortisol in children at the time of death] Yoshida H, et al. **Clin Endocr (Tokyo)** 17:168-70, Mar 69 **(Jap)**

[Cortisol and corticosterone] Nakajija H, et al. **Jap J Clin Med** 27:352-8, Feb 69 **(Jap)**

DIAGNOSTIC USE

Hyperparathyroidism. Goldsmith RS. **New Eng J Med** 281:367-74, 14 Aug 69 (38 ref.)

ISOLATION & PURIFICATION

Biosynthesis of allo-3-beta-tetrahydrocortisol (Reichstein's substance V) by an adrenal adenoma. Axelrod LR, et al. **J Clin Endocr** 29:936-41, Jul 69

METABOLISM

Conversion of 17-alpha-hydroxypregnenolone to alpha, beta-unsaturated 3-ketosteroids by the previable human foetus. Jackanicz TM, et al. **Biochim Biophys Acta** 176:883-5, 10 Jun 69

Interaction of steroid hormones with histones in vitro. Sluyser M. **Biochim Biophys Acta** 182:235-44, 20 May 69

"Puberty" of the rat liver. IV. Influence of estrogens upon the differentiation of cortisol metabolism induced by neonatal testosterone. Denef C, et al. **Endocrinology** 85:259-69, Aug 69

Elevated nonprotein-bound cortisol (NPC) in pregnancy, during estrogen administration and in carcinoma of the prostate. Doe RP, et al. **J Clin Endocr** 29:757-66, Jun 69

Effect of ACTH on the metabolism of pregnenolone-7 alpha-3H and cortisol-4-14C in young and elderly men. Romanoff LP, et al. **J Clin Endocr** 29:819-30, Jun 69

Urinary excretion of 6 beta-hydroxycortisol in states of altered thyroid function. Yamaji T, et al. **J Clin Endocr** 29:801-6, Jun 69

Metyrapone and pyrogen tests in hyperadrenocorticism: evaluation of blood corticotropin levels. Litta-Modignani R, et al. **J Endocr** 42:245-51, Oct 68

Radioactivity of dermis and epidermis after injection of 1,2-3H-cortisol acetate and 1,2-3H-cortisol. Smith QT. **J Invest Derm** 52:521-7, Jun 69

Stimulation of adrenal glucocorticoid secretion in man by raising the body temperature. Collins KJ, et al. **J Physiol (London)** 202:645-60, Jun 69

[HTO-formation from tritium labelled compounds in vivo as proof of tritium incorporation] Wenzel M. **Arzneimittelforschung** 19:648-51, Apr 69 **(Ger)**

[Preliminary observations on the metabolism of cortisol in normal subjects treated with methandrostenolone and quinbolone] Correale L, et al. **Arch Maragliano Pat Clin** 25:133-8, Mar-Apr 69 **(Ita)**

[Aspects of cortisol metabolism in liver diseases] Della Casa L, et al. **Endocr Sci Cost** 29:344-53, Nov 67 **(Ita)**

[Glycoactive function of the adrenal gland during myocardial infarct. II. Nyctohemeral rhythm of plasmatic, and urinary cortisol and of urinary 17-hydroxycorticosteroids] Lenzi S, et al. **Endocr Sci Cost** 30:231-51, Apr 69 **(Ita)**

[Effects of 6-methyl-prednisolone (with immediate and delayed action) on glycoactive function of the adrenal gland, in relation to age and sex of the patients] Martinelli M, et al. **Endocr Sci Cost** 30:298-306, Apr 69 **(Ita)**

[Findings on adrenocortical function in infants, especially on cortisol metabolism obtained by radioisotope methods] Kato K, et al. **Clin Endocr (Tokyo)** 17:164-7, Mar 69 **(Jap)**

[Studies on corticosteroid ointments. V. Percutaneous absorption of hydrocortisone-4-14C. (1). In vitro method of percutaneous absorption using excised human skin] Shinkai H. **J Pharm Soc Jap** 89:365-71, Mar 69 **(Jap)**

PHARMACODYNAMICS

The effect of hydrocortisone on skin in organ cultures. Caron GA. **Acta Dermatovener (Stockholm)** 49:59-63, 1969

Neonatal corticoid administration: effects upon adult pituitary growth hormone and hypothalamic growth hormone-releasing hormone activity. Sawano S, et al. **Acta Endocr (Kobenhavn)** 61:57-67, May 69

Pituitary adrenocorticotrophic hormone (ACTH) induced hypoglycaemia. Korányi L, et al. **Acta Physiol Acad Sci Hung** 35:41-6, 1969

Hydrocortisone and the synthesis of glucosaminoglycans in skin and trachea of rats. Kofoed JA, et al. **Acta Physiol Lat Amer** 18:327-31, 1968

Extravascular dehydration as an etiologic factor in post-recumbency orthostatism. Hyatt KH, et al. **Aerospace Med** 40:644-50, Jun 69

Corticosteroid-induced cataract and palatoschisis in the mouse fetus. Rogoyski A, et al. **Amer J Ophthal** 68:128-33, Jul 69

Pyruvate metabolism in mammalian liver. Parli CJ, et al. **Amer J Physiol** 216:1525-33, Jun 69

Immunochemical evidence for enzyme synthesis in the hormonal induction of glutamine synthetase in embryonic retina in culture. Alescio T, et al. **Biochem Biophys Res Commun** 34:176-82, 27 Jan 69

A two-step mechanism for the regulation of tryptophan pyrrolase. Julian JA, et al. **Biochem Biophys Res Commun** 34:734-40, 6 Jun 69

Studies on soluble and mitochondrial tyrosine aminotransferase: evidence for a physical change in the cytosol enzyme during induction. Miller JE, et al. **Biochem Biophys Res Commun** 36:35-41, 7 Jul 69

In vitro stimulation of RNA synthesis in isolated rat liver nuclei by glucocorticoids. Ohtsuka E, et al. **Biochem Biophys Res Commun** 34:648-52, 6 Jun 69

Experimental studies on the carbonic anhydrase activity. XII. Effect of adrenocorticosteroids on carbonic anhydrase and Na+-K+-activated adenosine triphosphatase from kidney of adrenalectomized mice and rats. Suzuki S, et al. **Biochem Pharmacol** 18:993-1003, May 69

Soluble and mitochondrial forms of tyrosine aminotransferase. Relationship to human tyrosinemia. Feilman JH, et al.
Biochemistry (Wash) 8:615-22, Feb 69

Regulation of rat testis steroid sulfatase. A kinetic study. Notation AD, et al.
Biochemistry (Wash) 8:501-6, Feb 69

Hydrocortisone effect upon the phytohemagglutin-stimulated acetylation of histones in human lymphocytes. Ono T, et al.
Biochim Biophys Acta 179:214-20, 18 Mar 69

Hypothalamo-pituitary-adrenal function in the rat after prolonged treatment with cortisol. Hodges JR, et al.
Brit J Pharmacol 36:489-95, Jul 69

The adrenal gland and lactogenesis. Davis JW, et al.
Endocrinology 85:155-60, Jul 69

Relation of cerebrospinal fluid circulation to the ACTH-suppressing effects of corticosteroid implants in the rat brain. Kendall JW, et al.
Endocrinology 85:200-8, Aug 69

Adrenal sterol metabolism in the hamster following ACTH and cortisol administration. Lloyd BJ.
Endocrinology 85:347-50, Aug 69

Effect of steroids on neuropharmacologic blockade of ovulation in pregnant mare's serum (PMS)-primed immature rats. Ying SY, et al.
Endocrinology 84:1466-74, Jun 69

Tryptophan degradation in the developing chick. Wagner C, et al. **Exp Cell Res** 55:330-8, Jun 69

Effect of hydrocortisone on gastric mucosal blood flow and secretion. Jacobson ED, et al.
Gastroenterology 57:36-43, Jul 69

Properties of L-serine dehydratase purified from rat liver after induction by fasting or feeding casein hydrolysate. Hoshino J, et al.
Hoppe Seyler Z Physiol Chem 350:595-602, May 69

Combined action of adrenal cortical hormones and endotoxin on cells of the reticuloendothelial system. Heilman DH. **Int Arch Allerg** 35:591-602, 1969

Effect of drum stress on maximal electroconvulsive seizure latency in mice. Goldberg ME, et al.
Int J Neuropharmacol 8:161-7, Mar 69

Comparison of the mechanisms underlying carbohydrate intolerance in subclinical diabetic women during pregnancy and during post-partum oral contraceptive steroid treatment. Beck P, et al.
J Clin Endocr 29:807-18, Jun 69

Plasma corticotrophin levels in primary and secondary adrenocortical insufficiency. Besser GM, et al.
J Endocr 43:x-xi, Jan 69

Premature parturition after infusion of corticotrophin or cortisol into foetal lambs. Liggins GC.
J Endocr 42:323-9, Oct 68

Studies on mechanism of action of salicylates. V. Effect of salicylic acid on enzymes involved in mucopolysaccharides synthesis. Lee KH, et al.
J Pharm Sci 58:464-8, Apr 69

Influence of adrenalectomy on the synthesis of norepinephrine in the rat heart. Westfall TC, et al.
J Pharmacol Exp Ther 167:300-8, Jun 69

Anti-ouabain action of steroid hormones on twitch and potassium contracture in heart ventricle strip of frog. Fujino S, et al. **Jap J Pharmacol** 19:148-56, Mar 69

Cortisol induction of lipolysis in adrenalectomized diabetic rats. McCraw EF, et al.
Life Sci 8:505-9, 15 May 69

Effect of hydrocortisone on the keratinization of chick embryonic skin cultured in a chemically defined medium. Sugimoto M, et al.
Nature (London) 222:1270-2, 28 Jun 69

Effect of x-irradiation on polyribosome organization and RNA labeling in the liver of normal and adrenalectomized rats. Cammarano P, et al.
Radiat Res 39:289-304, Aug 69

Pituitary control of erythropoiesis. Lindemann R, et al.
Scand J Haemat 6:77-86, 1969

Steroids possessing nitrogen atoms. V. Some pharmacological and chemico-physical aspects of a new class of active corticoids: [17alpha,16alpha-d]-oxazolino-steroids. Nathansohn G, et al. **Steroids** 13:365-81, Mar 69

The effect of steroidal hormones on the binding of 17beta-estradiol by the mouse uterus and vagina. Terenius L. **Steroids** 13:311-25, Mar 69

Nonsteroid, calcitonin-like factor from the adrenal gland. Kaplan EL, et al. **Surgery** 66:167-74, Jul 69

Inhibition of erythropoietin stimulation of erythropoiesis by cortisone. UCLA-12-686. Hennessy TG, et al.
US AEC UCLA Sch Med Lab Nucl Med 82-3, 30 Jun 68

[Effect of some drugs on the binding of bilirubin and bromsulphalein to serum albumins in vitro] Kučerová L, et al. **Cas Lek Cesk** 108:737-8, 8 Jun 69 **(Cze)**

[Effects of cortisol on the urinary elimination of hydroxyindoles and kynurenine] Genefke IK, et al.
Clin Chim Acta 24:239-45, May 69 **(Fre)**

[Experimental studies in a case of tyrosinosis. New pathogenic hypothesis] Lissitzky S, et al.
Rev Franc Etud Clin Biol 14:19-30, Jan 69 **(Fre)**

[Action of cortisone on nucleic acid synthesis in rat livers] Van Rymenant ME, et al.
Rev Franc Etud Clin Biol 14:66-8, Jan 69 **(Fre)**

[Induction changes of glutamate oxalacetate transaminase in the hen under the effect of 11-dehydrocortisone] Pavel J.
Acta Physiol Acad Sci Hung 35:133-9, 1969 **(Ger)**

[Relationships among lipolysis, gluconeogenesis and insulin secretion after administration of cortisol to rats] Herrmann J, et al.
Europ J Biochem 7:427-33, Jan 69 **(Ger)**

[Influence of some C21-steroids on the uptake of water by developing embryonic cartilage in vitro] Schär B.
Experientia 25:322-3, 15 Mar 69 **(Ger)**

[Clinical and biochemical effects of glucocorticoids as demonstrated by the example of Cushing's syndrome] Drews J. **Med Klin** 64:773-80, 25 Apr 69 (31 ref.) **(Ger)**

[Cation-dependent membrane ATPases in lysosomal granules from bovine polymorphonuclear leukocytes] Hegner D.
Naunyn Schmiedeberg Arch Pharm Exp Path 263:406-16, 1969 **(Ger)**

[Morphological alterations in the diencephalon and telencephalon following disturbances to the feedback mechanism adenohypophysis-adrenal cortex. 3. Studies on the guinea pig after administration of cortisone and hydrocortisone] Mühlen K aus der, et al.
Z Zellforsch 93:126-41, 1969 **(Ger)**

[Influence of hydrocortisone on the nuclear RNA synthesis and protein synthesis of the placenta and the maternal and fetal liver in rats] Orlandi C, et al.
Ann Ostet Ginec 90:853-63, Dec 68 **(Ita)**

[Early effect of hydrocortisone and prednisolone administration on the activity of aspartate transcarbamylase (E. C. 2. 1. 3. 2.) in rat liver] Zak T, et al. **Endokr Pol** 20:217-22, May-Jun 69 **(Pol)**

[Post-partum adeno-hypophyseal insufficiency with diabetes insipidus] Morínigo F, et al.
Arq Brasil Endocr 17:93-8, Aug 68 **(Por)**

[Efferent impulsation in the sympathetic conductors of conscious animals in adrenalectomy and corticosteroid administration] Nozdrachev AD.
Fiziol Zh SSSR Sechenov 53:1161-8, Oct 67 **(Rus)**

[On the role of some sections of the nervous system and endocrine glands in the development of non-specific resistance of the organism] Rusin VIa.
Fiziol Zh SSSR Sechenov 54:545-53, May 68 **(Rus)**

PHYSIOLOGY

Adrenal sterol metabolism in the hamster following ACTH and cortisol administration. Lloyd BJ.
Endocrinology 85:347-50, Aug 69

[Study of the physiological variations of plasma transcortin in woman during pregnancy] Guidollet J, et al. **Presse Med** 77:719-20, 19 Apr 69 **(Fre)**

[Clinical and biochemical effects of glucocorticoids as demonstrated by the example of Cushing's syndrome] Drews J. **Med Klin** 64:773-80, 25 Apr 69 (31 ref.) **(Ger)**

SECRETION

Hypothalamic--pituitary function in depressive illness: insensitivity to hylycaemia. Carroll BJ.
Brit Med J 3:27-8, 5 Jul 69

Corticosteroid response to natural and synthetic corticotrophins in the autotranspianted sheep adrenal. France NC, et al.
Endocrinology 85:570-4, Sep 69

Effect of (K+) on the secretion of aldosterone. Funder JW, et al. **Endocrinology** 85:381-4, Aug 69

Suppression of the hypothalami- c-pituitary-adrenal axis in the newborn dog. Mueiheims GH, et al.
Endocrinology 85:365-7, Aug 69

Persistence of a physiological circadian rhythm of plasma-free 11-hydroxycorticosteroid levels in totally fasting obese subjects. Marti H, et al.
Experientia 25:320-1, 15 Mar 69

Abnormal lactation with Cushing's syndrome--a case report. Mahesh VB, et al.
J Clin Endocr 29:978-81, Jul 69

Corticosteroid metabolism in depressive illness. Gibbons JL.
Psychiat Neurol Neurochir 72:195-9, Mar-Apr 69

THERAPEUTIC USE

Lactic dehydrogenase isoenzymes in arthritic synovial fluid: effect of cortisol. Alexandersson R, et al. Acta Rheum Scand 14:243-52, 1968
Acute nonsuppurative meningoencephalitis associated with transient amaurosis. Treister G, et al. Amer J Ophthal 68:105-7, Jul 69
Cornea and sclera. Trotter RR.
Arch Ophthal (Chicago) 81:875-87, Jun 69 (53 ref.)
Pharmacological properties of bendazac (AF 983) with particular reference to its topical action on some experimental inflammatory processes. Silvestrini B, et al. Arzneimittelforschung 19:30-6, Jan 69
Radiographic studies of tendons in the rheumatoid hand. Brewerton DA. Brit J Radiol 42:487-92, Jul 69
Cardiogenic shock: a review. Periroth MG, et al. Clin Pharmacol Ther 10:449-67, Jul-Aug 69 (118 ref.)
Addison's encephalopathy. Kollmannsberger A, et al. Electroenceph Clin Neurophysiol 26:448, Apr 69
Anti-inflammatory activity of natural products. I. Triterpenoids. Gupta MB, et al.
Europ J Pharmacol 6:67-70, Apr 69
Adrenal disorders in infancy and childhood. Klevit HD, et al. J Amer Med Wom Ass 24:141-5, Feb 69
Preliminary results: effects of combination treatment with hydrocortisone and an antifibrinolytic agent (AMCHA) on dogs. Steenblock DA, et al.
J Amer Osteopath Ass 68:1046, Jun 69
Special problems in acute laryngotracheobronchitis. Ross JA. Laryngoscope 79:1218-26, Jul 69
"Mechanical" hemolytic anemia improved by corticosteroids. Patient with mitral insufficiency at the prosthetic valve in a case of Marfan's syndrome. Hamilton CA. Nebraska Med J 54:161-3, Mar 69
Care of the critically ill child: acute adrenal insufficiency. Bongiovanni AM.
Pediatrics 44:109-10, Jul 69
The protection afforded by a benzyl glucofuranoside and hydrocortisone against lethal wasp venom shock in the guinea-pig. Jaques R.
Pharmacology (Basel) 2:21-6, 1969
Searching for lipolysis defect in obese people. Ružylło E, et al. Pol Arch Med Wewnet 42:515-9, 1969
Treatment of otitis externa. Report of a clinical trial. Worgan D. Practitioner 202:817-20, Jun 69
The anesthetist surveys the arthritic patient. Krisher JA. Surg Clin N Amer 49:757-61, Aug 69
Effects of some cancer-chemotherapeutic agents, especially cyclophosphamide, on an SV40 sarcoma in rat. Stenram U, et al. Z Krebsforsch 72:119-29, 1969
[Acute hyperparathyroidism] Burcharth F, et al.
Nord Med 81:338-40, 13 Mar 69 (Dan)
[Endotoxic shock] Alliet J.
Anesth Analg (Paris) 25:603-23, Nov-Dec 68 (Fre)
[Thoughts on 125 cases of complete auriculo-ventricular blocks] Raynaud R, et al.
Sem Hop Paris 45:95-100, 8 Jan 69 (Fre)
[Otologic agents. 13] Furkert K.
Pharm Prax 9:253-4, 1967 (29 ref.) (Ger)
[Rhinologic agents. 14] Furkert K.
Pharm Prax 9:255-8, 1967 (96 ref.) (Ger)
[Drugs for treatment of fluor albus. 18] Götz HG.
Pharm Prax 9:275-82, 1967 (Ger)
[Addison's disease in two brothers] Rath F, et al.
Z Kinderheilk 106:197-205, 1969 (Ger)
[Effect of INH on metabolism of pyridoxine on tuberculosis in rats. II] Rajtar-Leontiew Z.
Gruzlica 37:109-13, Feb 69 (Pol)
[Value of the intramuscular administration of hydrocortisone acetate suspension, destined for intra-articular injection] Migdalska B, et al.
Pol Tyg Lek 24:526-8, Apr 69 (Pol)
[Clinical studies on the effect of Oxycort-S-aerosol] Kowarz-Sokolowska H, et al.
Przegl Derm 56:235-40, Mar-Apr 69 (Pol)
[A case of severe recurrent hypoglycemia after suicidal poisoning with tolbutamide] Pokorski M.
Wiad Lek 22:63-8, 1 Jan 69 (Pol)
[On the problem of the possible use of steroid hormones in the clinical treatment of, and experimental poisoning with carbon tetrachloride] Gorodetskiĭ MM.
Gig Tr Prof Zabol 12:32-3, Dec 68 (Rus)
[Masticatiographic control in the process of complex treatment of acute arthritis of the temporomandibular joint with the use of the intra-articular injections of hydrocortisone] Burgonskaia VI.
Stomatologiia (Moskva) 48:54-6, May-Jun 69 (Rus)
[The surgical treatment and prevention of intestinal obstruction due to adhesions with the aid of corticosteroids and anticoagulants] Gnilorybov TE.
Vestn Khir Grekov 102:95-9, Jan 69 (Rus)

URINE

Identification of steroid disulphates in male urine. Jänne O. Ann Med Exp Biol Fenn 46:301-5, 1968
Effects of upright posture on renal electrolyte cycles. Vagnucci AH, et al. J Appl Physiol 26:720-31, Jun 69
Elevated nonprotein-bound cortisol (NPC) in pregnancy, during estrogen administration and in carcinoma of the prostate. Doe RP, et al.
J Clin Endocr 29:757-66, Jun 69
Studies on the efficiency of adrenocortical 11 beta-hydroxylation in the human subject. Nicolis GL, et al. J Clin Endocr 29:831-6, Jun 69
Transplacental passage of steroids: the presence of corticosteroids in amniotic fluid. Abramovich DR, et al. J Obstet Gynaec Brit Comm 76:610-4, Jul 69
Effect of physical exercise on adrenocortical excretion. Bellet S, et al. Metabolism 18:484-7, Jun 69
Studies on adrenal cortical function in patients with lung cancer. Kawai A, et al.
Metabolism 18:609-19, Jul 69
Adrenal glands and sexual receptivity in female rhesus monkeys. Everitt BJ, et al.
Nature (London) 222:1065-6, 14 Jun 69
[The value of several steroid chemical tests in the diagnosis of Cushing's syndrome] Vingerhoeds AC, et al. Nederl T Geneesk 113:1185-92, 5 Jul 69 (Dut)
[Determination of plasma and urinary cortisol by competition] Kolanowski J, et al.
Ann Endocr (Paris) 29:473-9, Jul-Aug 68 (Fre)
[Findings on adrenocortical function in infants, especially on cortisol metabolism obtained by radioisotope methods] Kato K, et al.
Clin Endocr (Tokyo) 17:164-7, Mar 69 (Jap)
[The endocrinology of puberty and adolescence. Adrenal glands] Takeuchi S, et al.
Clin Endocr (Tokyo) 17:95-100, Feb 69 (Jap)

HYDROCORTISONE, TOPICAL

PHARMACODYNAMICS

[DNA-synthesis and hyperplasia of the epidermis after stripping and application of ointments] Christophers E. Arch Klin Exp Derm 233:277-86, 1968 (Ger)
[Inhibitory effect of local antipsoriatic agents on respiration of human and animal skin] Raab W.
Arch Klin Exp Derm 234:44-51, 1969 (Ger)

THERAPEUTIC USE

Suppositories for anorectal disease.
Med Lett Drugs Ther 10:105-7, 27 Dec 68
[Treatment of testicular hydrocele with hydrocortisone] Troshev K, et al.
Khirurgiia (Sofiia) 21:317, 1968 (Bul)
[Significance of hydration of the horny layer of epidermis in the healing of atopic eczema] Najbrt V, et al. Cesk Derm 44:79-80, May 69 (Cze)
[The pain syndrome of the edentulous alveolar crest and its treatment] Filipescu A, et al.
Rev Stomat (Paris) 70:119-23, Mar 69 (Fre)
[Results of studies of a new local antitrichomonal agent "Tricho-kolpicortin"] Kiss L.
Praxis 58:58-9, 14 Jan 69 (Ger)
[Treatment course with Terracortril gel in general practice] Wicki J, et al.
Praxis 57:842-5, 11 Jun 68 (Ger)
[Posner-Schlossman syndrome] Kossowicz H.
Klin Oczna 39:99-103, 1969 (Pol)
[Postinfluenzal kakosmia] Szmeja Z, et al.
Otolaryng Pol 23:77-80, 1969 (Pol)
[Syndrome of carpal tunnel] Androlć S.
Reumatizam 16:109-14, 1969 (Cro)

17-HYDROXYCORTICOSTEROIDS

Estrogens, proestrogens and antiestrogens. Emmens CW, et al. Steroids 13:725-30, Jun 69

ADMINISTRATION & DOSAGE

[Prophylactic treatment of migraine patients with 6-alpha-trifluoromethyl-17-alpha-acetoxyprogesterone (Demigran Leo, WG 537)] Thygesen P, et al.
Ugeskr Laeg 131:144-9, 23 Jan 69 **(Dan)**

ADVERSE EFFECTS

[Prophylactic treatment of migraine patients with 6-alpha-trifluoromethyl-17-alpha-acetoxyprogesterone (Demigran Leo, WG 537)] Thygesen P, et al.
Ugeskr Laeg 131:144-9, 23 Jan 69 **(Dan)**

ANALYSIS

Transplacental passage of steroids: the presence of corticosteroids in amniotic fluid. Abramovich DR, et al. **J Obstet Gynaec Brit Comm** 76:610-4, Jul 69

BIOSYNTHESIS

Biosynthesis of allo-3-beta-tetrahydrocortisol (Reichstein's substance V) by an adrenal adenoma. Axelrod LR, et al. **J Clin Endocr** 29:936-41, Jul 69

BLOOD

Objective evaluation of pentobarbital as preanesthetic medication: effect on adrenocortical function. Oyama T, et al.
Anesth Analg (Cleveland) 48:367-72, May-Jun 69
Non-tumorous "primary" aldosteronism: II. Type not relieved by glucocorticoid. Salti IS, et al.
Canad Med Ass J 101:11-6, 12 Jul 69
Effect of antimalarial drugs and collection methods on urinary and plasma 17-hydroxycorticosteroid determinations. Gilliland PF, et al.
Clin Pharmacol Ther 10:551-8, Jul-Aug 69
Electroencephalographic activity after prolonged sleep loss. Naitoh P, et al.
Electroenceph Clin Neurophysiol 27:2-11, Jul 69
Effects of testosteronereatment on plasma proteins and amino acids in men. Dickinson P, et al.
J Clin Endocr 29:837-41, Jun 69
Elevated nonprotein-bound cortisol (NPC) in pregnancy, during estrogen administration and in carcinoma of the prostate. Doe RP, et al.
J Clin Endocr 29:757-66, Jun 69
Pituitary-adrenal function in arrested hydrocephalus. Franks RC. **J Clin Endocr** 29:864-5, Jun 69
A simplified metyrapone test with determination of plasma 11-deoxycortisol (Metyrapone test with plasma S). Meikle AW, et al. **J Clin Endocr** 29:985-7, Jul 69
Pheochromocytoma: observations on mechanism of carbohydrate intolerance and abnormalities associated with development of Goldblatt kidney following removal of tumor. Brooks MH, et al.
Metabolism 18:445-59, Jun 69
Neutral C19-steroids and steroid sulfates in human pregnancy. V. Isolation and identification of unconjugated testosterone and androstenedione from pooled cord blood. Simmer HH, et al.
Steroids 13:835-47, Jun 69
[A rapid Metopirone test (SU 48-85 Ciba) using plasma analysis (Preliminary note)] Guillemant S, et al.
Ann Biol Clin (Paris) 27:65-73, Jan-Feb 69 **(Fre)**
[Study of plasma 17-ketosteroids and 17-hydroxycorticosteroids in men having cancer of the breast] Seeman A, et al.
C R Acad Sci [D] (Paris) 268:1833-6, 31 Mar 69 **(Fre)**
[Comparative studies on the effect of a beta 1-23-corticotropin-23-amide and an ACTH extract in man] Tamm J, et al.
Arzneimittelforschung 19:27-30, Jan 69 **(Ger)**
[On the determination of plasma 11-hydroxycorticosteroids by the rapid fluorometric method of Mattingly] Pichler E.
Clin Chim Acta 24:283-92, May 69 **(Ger)**
[Studies on plasma 17-hydroxycorticosteroid levels in normal pregnant women and newborn infants] Waseda K.
Folia Endocr Jap 44:1207-21, 20 Feb 69 **(Jap)**
[Studies on the influence of acetylcholine injections on the number of eosinophils and level of 17-hydroxycorticosterone in the peripheral blood in sheep] Koźniewski S.
Acta Physiol Pol 20:75-81, Jan-Feb 69 **(Pol)**
[The level of 17-oxycorticosteroids in the blood in experiments and in patients with pneumosclerosis after administration of glutamic acid] Zamotaev IP, et al. **Pat Fiziol Eksp Ter** 11:72-4, May-Jun 67 **(Rus)**
[On the effect of chloroquine phosphate on the glucocorticoid function of the adrenal cortex in patients with lupus erythematosus] Berezhnaia LA.
Vestn Derm Vener 41:27-8, Jan 67 **(Rus)**

METABOLISM

Suppression of adrenal metabolism of 4-14C-progesterone by testosterone-oxime and 17a-methyltestosterone-oxime in vitro. Rembiesa R, et al. **Biochem Pharmacol** 18:701-6, Apr 69
[Study of plasma 17-ketosteroids and 17-hydroxycorticosteroids in men having cancer of the breast] Seeman A, et al.
C R Acad Sci [D] (Paris) 268:1833-6, 31 Mar 69 **(Fre)**
[Testosterone metabolism in the isolated perfused guinea pig liver] Demisch K, et al.
Europ J Biochem 7:324-7, Jan 69 **(Ger)**

PHARMACODYNAMICS

In vitro stimulation of RNA synthesis in isolated rat liver nuclei by glucocorticoids. Ohtsuka E, et al.
Biochem Biophys Res Commun 34:648-52, 6 Jun 69
The use of an antiandrogen to further investigate the erythropoietic effects of androgens. Medlinsky JT, et al. **J Lab Clin Med** 74:85-92, Jul 69
Control of sexual activity in ranch cows by intramuscular and intravaginal administration of progestagens. Hale DH, et al.
J Reprod Fertil 18:193-6, Mar 69

THERAPEUTIC USE

[Antiandrogens in dermatology. (Gravimetric fatdeterminations during the application of cyproterone)] Winkler K.
Arch Klin Exp Derm 233:296-308, 1968 **(Ger)**
[Total body plethysmographic studies on the effect of onset of intravenously administered glucocorticoids] Günthner W.
Arzneimittelforschung 19:667-9, Apr 69 **(Ger)**

URINE

A method for the estimation of individual urinary corticosteroids, pregnanediol, pregnanetriol and pregnanetriolone following their separation by thin-layer chromatography. Kraiem Z, et al.
Acta Endocr (Kobenhavn) 61:1-16, May 69
Semiquantitative estimation of urinary pregnanetriol, pregnanetriolone and tetrahydro S in the investigation of adrenocortical function. Thomas FJ, et al. **Acta Endocr (Kobenhavn)** 60:645-56, Apr 69
Quantitative estimation of urinary pregnanetriol, pregnanetriolone, tetrahydro S and delta-5-pregnenetriol in the investigation of adrenocortical function. Thomas FJ, et al.
Acta Endocr (Kobenhavn) 60:657-68, Apr 69
Urinary steroids of healthy subjects from childhood to old age. Age-controlled changes in urinary steroids. Uozumi T, et al.
Acta Endocr (Kobenhavn) 61:17-24, May 69
Aeromedical aspects of the first nonstop transatlantic helicopter flight. 3. Endocrine-metabolic effects. Hale HB, et al. **Aerospace Med** 40:718-23, Jul 69
Amenorrhea associated with emaciation. Timonen S, et al. **Ann Chir Gynaec Fenn** 57:431-5, 1968
Adrenocorticotrophic potency of long-acting corticotrophin preparations during long-term treatment of neurological patients. Rinne UK.
Ann Med Intern Fenn 57:167-72, 1968
Muscle enzyme release in the acute psychoses. Meltzer H. **Arch Gen Psychiat (Chicago)** 21:102-12, Jul 69
Coexisting anterior pituitary and neurohypophyseal insufficiency. A syndrome with diagnostic implication. Martin MM.
Arch Intern Med (Chicago) 123:409-16, Apr 69
Adrenal insufficiency and inappropriate secretion of antidiuretic hormone. Occurrence in a patient with carcinoma of the lung. Schambelan M, et al.
Arch Intern Med (Chicago) 124:197-201, Aug 69
Urinary steroids and breast disease. Gleave EN, et al.
Brit J Surg 56:627, Aug 69
Non-tumorous "primary" aldosteronism: II. Type not

relieved by glucocorticoid. Saiti IS, et al. **Canad Med Ass J** 101:11-6, 12 Jul 69

Non-tumorous "primary" aldosteronism. I. Type relieved by glucocorticoid (glucocorticoid-remediable aldosteronism). Saiti IS, et al. **Canad Med Ass J** 101:1-10, 12 Jul 69

Effect of antimalarial drugs and collection methods on urinary and plasma 17-hydroxycorticosteroid determinations. Gilliland PF, et al. **Clin Pharmacol Ther** 10:551-8, Jul-Aug 69

Comparison of absorption, disposal, and activity of soluble and repository corticosteroid esters. Melby JC, et al. **Clin Pharmacol Ther** 10:344-9, May-Jun 69

Adrenal gland activity in Mt. Everest climbers. Siri WE, et al. **Fed Proc** 28:1251-6, May-Jun 69

Effects of testosteronereatment on plasma proteins and amino acids in men. Dickinson P, et al. **J Clin Endocr** 29:837-41, Jun 69

Pituitary-adrenal function in arrested hydrocephalus. Franks RC. **J Clin Endocr** 29:864-5, Jun 69

Studies on the efficiency of adrenocortical 11 beta-hydroxylation in the human subject. Nicolis GL, et al. **J Clin Endocr** 29:831-6, Jun 69

Urinary excretion of 6 beta-hydroxycortisol in states of altered thyroid function. Yamaji T, et al. **J Clin Endocr** 29:801-6, Jun 69

Hypopituitarism with paranoid psychosis: a description of two cases. Dissanayake SA, et al. **J Neurol Neurosurg Psychiat** 32:233-5, Jun 69

Recent studies on androgenic function in human subjects. Ismail AA, et al. **J Obstet Gynaec Brit Comm** 75:929-40, Sep 68 (78 ref.)

Stimulation of adrenal glucocorticoid secretion in man by raising the body temperature. Collins KJ, et al. **J Physiol (London)** 202:645-60, Jun 69

Sodium-22 retention and 17-hydroxycorticosteroid excretion in affective disorders: a preliminary report. Baer L, et al. **J Psychiat Res** 6:289-97, May 69

Studies on adrenal cortical function in patients with lung cancer. Kawai A, et al. **Metabolism** 18:609-19, Jul 69

Hypertension with inappropriate aldosterone stimulation. Christlieb AR, et al. **New Eng J Med** 281:128-31, 17 Jul 69

Interference in the effect of dexamethasone by diphenylhydantoin. Werk EE Jr, et al. **New Eng J Med** 281:32-4, 3 Jul 69

Primary aldosteronism: diagnosis and treatment. Greenlee HB, et al. **Surg Clin N Amer** 49:71-85, Feb 69

Pituitary tumors. Hekmatpanah J. **Surg Clin N Amer** 49:163-78, Feb 69

[The value of several steroid chemical tests in the diagnosis of Cushing's syndrome] Vingerhoeds AC, et al. **Nederl T Geneesk** 113:1185-92, 5 Jul 69 **(Dut)**

[Long term development of adrenal gland insufficiency, designated regressive, in newborn infants] Lambertz J, et al. **Arch Franc Pediat** 26:79-85, Jan 69 **(Fre)**

[Effects of cortisol on the urinary elimination of hydroxyindoles and kynurenine] Genefke IK, et al. **Clin Chim Acta** 24:239-45, May 69 **(Fre)**

[Study of 13 cases of urinary elimination of testicular steroids after administration of H.M.G. (human menopausal gonadotropins) and H.C.G. (human chorionic gonadotropins)] Jayle MF, et al. **Gynec Obstet (Paris)** 67:503-8, Nov-Dec 68 **(Fre)**

[Circadian rhythm and low frequency rhythms in human physiology] Halberg F, et al. **J Physiol (Paris)** 59:Suppl:117-200, 1967 **(Fre)**

[Addison's disease and thyrotoxic crisis] Couturier E, et al. **Presse Med** 77:515-6, 22 Mar 69 **(Fre)**

[Effect of thyroid and adrenal dysfunction on changes in tissue concentration of calcium and glucose] Boltanski E. **Sem Hop Paris** 44:3205-8, 14 Dec 68 **(Fre)**

[Comparative studies on the effect of a beta 1-23-corticotropin-23-amide and an ACTH extract in man] Tamm J, et al. **Arzneimittelforschung** 19:27-30, Jan 69 **(Ger)**

[Clinical findings and laboratory diagnosis in Cushing's syndrome] Staub JJ, et al. **Praxis** 57:1398-409, 15 Oct 68 (60 ref.) **(Ger)**

[Some findings on the androgen functions of the adrenal cortex in female obesity] Ferramosca B, et al. **Endocr Sci Cost** 29:323-43, Nov 67 (43 ref.) **(Ita)**

[Glycoactive function of the adrenal gland during myocardial infarct. II. Nyctohemeral rhythm of plasmatic, and urinary cortisol and of urinary 17-hydroxycorticosteroids] Lenzi S, et al. **Endocr Sci Cost** 30:231-51, Apr 69 **(Ita)**

[Urinary excretion of 17-hydroxycorticosteroids in the rabbit exposed to experimental electrocution with high-tension current] Zuccato F, et al. **Med Lavoro** 59:760-71, Dec 68 **(Ita)**

[Adrenal reserve in healthy children with normal and enlarged thymus] Modzelewska I. **Pediat Pol** 44:437-42, Apr 69 **(Pol)**

[A study of the functional state of the adrenal cortex in different forms of reticulo-histocytosis during the course of the disease and under the influence of corticosteroid therapy] Nebol'sina LI. **Pediatriia** 47:72-3, Feb 68 **(Rus)**

[The amount of 24-hour excretion of 17-hydroxycorticosteroids in the urine in healthy children] Reviakina MA. **Pediatriia** 47:76-7, Feb 68 **(Rus)**

17-KETOSTEROIDS

Delta-5-3-ketosteroid isomerase activities in guinea-pig adrenal glands: the role of copper ions. Ewald W, et al. **Biochim Biophys Acta** 167:444-55, 8 Oct 68

The reaction of delta-5-androstene-3,17-dione with cupric ion. Koerner DR. **Biochim Biophys Acta** 176:880-2, 10 Jun 69

Preparation and physico-chemical properties of some steroid heptafluorobutyrates and 3-enol heptafluorobutyrates. Dehennin LA, et al. **Steroids** 13:739-61, Jun 69

ANALYSIS

Transplacental passage of steroids: the presence of corticosteroids in amniotic fluid. Abramovich DR, et al. **J Obstet Gynaec Brit Comm** 76:610-4, Jul 69

[Analytical chemical studies on steroids. XXII. Polarography of epimeric alpha-bromo-17- and -16-ketosteroids] Goya S, et al. **J Pharm Soc Jap** 89:336-9, Mar 69 **(Jap)**

BIOSYNTHESIS

Steroid formation in porcine ovarian tissue in vitro. Mode of biosynthesis of androstenedione. Aakvaag A. **Acta Endocr (Kobenhavn)** 60:621-34, Apr 69

De novo formation and metabolism of steroid hormones in feminizing testes: biochemical and ultrastructural studies. Pérez-Palacios G, et al. **J Clin Endocr** 29:786-800, Jun 69

Formation of steroid hormones in the porcine ovary in vitro. Aakvaag A. **J Endocr** 43:xxv-xxvi, Jan 69

The direct action of melatonin and serotonin on testicular androgen production in vitro. Ellis LC. **J Reprod Fertil** 18:159, Feb 69

[The pineal gland, melatonin and testicular steroidogenesis] Balestreri R, et al. **Arch Maragliano Pat Clin** 25:119-25, Mar-Apr 69 **(Ita)**

BLOOD

Interrelation between adrenal function and formation of testosterone in vivo in the testis of the dog. Wassermann GF, et al. **Acta Endocr (Kobenhavn)** 61:33-47, May 69

The secretion of steroids from the autotransplanted ovary in the ewe spontaneously and in response to systemic gonadotropin. Baird DT, et al. **J Endocr** 42:283-99, Oct 68

Effect of luteinizing hormone, follicle-stimulating hormone and prolactin on steroid secretion by the autotransplanted ovary of the ewe. Baird DT, et al. **J Endocr** 43:18-9, Jan 69

Secretion of C19-steroids and oestrogens in the polycystic ovary syndrome. Ovarian studies in vivo and in vitro (including studies in vitro on a coincidental granulosa cell tumour). Jeffcoate SL, et al. **J Endocr** 42:229-43, Oct 68

Transplacental passage of steroids: the presence of corticosteroids in amniotic fluid. Abramovich DR, et al. **J Obstet Gynaec Brit Comm** 76:610-4, Jul 69

Progesterone, 20 alpha-hydroxy-delta 4-pregnen-3-one, androstenedione and corticosterone content of portal vein and vena caval blood in rats bearing ovarian grafts to the spleen. Leavitt WW, et al. **J Reprod Fertil** 18:172, Feb 69

Neutral C19-steroids and steroid sulfates in human pregnancy. V. Isolation and identification of unconjugated testosterone and androstenedione from pooled cord blood. Simmer HH, et al. **Steroids** 13:835-47, Jun 69

[Study of plasma 17-ketosteroids and

17-hydroxycorticosteroids in men having cancer of the breast] Seeman A, et al.
C R Acad Sci [D] (Paris) 268:1833-6, 31 Mar 69 (Fre)

ISOLATION & PURIFICATION

Neutral C19-steroids and steroid sulfates in human pregnancy. V. Isolation and identification of unconjugated testosterone and androstenedione from pooled cord blood. Simmer HH, et al.
Steroids 13:835-47, Jun 69

[Metabolism of 9beta, 10alpha-testosterone in tissue preparations of rat liver and bovine adrenal glands] Breuer H, et al.
Hoppe Seyler Z Physiol Chem 350:581-90, May 69 (Ger)

METABOLISM

The in vitro utulization of (4-14C)-dehydroisoandrosterone by human adrenocortical tumors associated with virilism. Neville AM, et al. **Steroids 13:821-33, Jun 69**

[Study of plasma 17-ketosteroids and 17-hydroxycorticosteroids in men having cancer of the breast] Seeman A, et al.
C R Acad Sci [D] (Paris) 268:1833-6, 31 Mar 69 (Fre)

[Testosterone metabolism in the isolated perfused guinea pig liver] Demisch K, et al.
Europ J Biochem 7:324-7, Jan 69 (Ger)

[Behavior of fractional, glucurono-conjugated and sulfo-conjugated 17-ketosteroids in hepatic cirrhosis in basic conditions and after loading with testosterone] Abate G, et al.
Endocr Sci Cost 30:282-97, Apr 69 (Ita)

SECRETION

[On the 17-Ketosteroid and testosterone determination in the urine of advanced gravidae] Seiler E, et al.
Z Aerzti Fortbild (Jena) 63:137-9, 1 Feb 69 (Ger)

URINE

The effect of exogenous human chorionic gonadotrophin on steroid excretion in the newborn. Lauritzen C, et al.
Acta Endocr (Kobenhavn) 61:83-8, May 69

Quantitative estimation of urinary pregnanetriol, pregnanetriolone, tetrahydro S and delta-5-pregnenetriol in the investigation of adrenocortical function. Thomas FJ, et al.
Acta Endocr (Kobenhavn) 60:657-68, Apr 69

Semiquantitative estimation of urinary pregnanetriol, pregnanetriolone and tetrahydro S in the investigation of adrenocortical function. Thomas FJ, et al. **Acta Endocr (Kobenhavn) 60:645-56, Apr 69**

Urinary steroids of healthy subjects from childhood to old age. Age-controlled changes in urinary steroids. Uozumi T, et al.
Acta Endocr (Kobenhavn) 61:17-24, May 69

The Prader-Labhart-Willi syndrome: review of the literature and report of nine cases. Dunn HG.
Acta Paediat Scand Suppl 186:1+, 1968

The metopirone test in hypophysectomized dogs with salivary or adrenal gland transplants. Alvarez-Buylla R, et al. **Acta Physiol Lat Amer 17:253-7, 1967**

Galactorrhea and amenorrhea with polycystic ovaries. Del Castillo syndrome or polycystic ovarian syndrome. Lavrič MV.
Amer J Obstet Gynec 104:814-7, 15 Jul 69

Amenorrhea associated with emaciation. Timonen S, et al. **Ann Chir Gynaec Fenn 57:431-5, 1968**

Adrenocorticotrophic potency of long-acting corticotrophin preparations during long-term treatment of neurological patients. Rinne UK.
Ann Med Intern Fenn 57:167-72, 1968

Urinary mucoprotein fractions and 17-ketosteroids in healthy women and in patients with the stein-leventhal syndrome. Jabloński K, et al.
Arch Immun Ther Exp 17:253-60, 1969

Coexisting anterior pituitary and neurohypophyseal insufficiency. A syndrome with diagnostic implication. Martin MM.
Arch Intern Med (Chicago) 123:409-16, Apr 69

Urinary steroids and breast disease. Gleave EN, et al.
Brit J Surg 56:627, Aug 69

Non-tumorous "primary" aldosteronism: II. Type not relieved by glucocorticoid. Salti IS, et al.
Canad Med Ass J 101:11-6, 12 Jul 69

Non-tumorous "primary" aldosteronism. I. Type relieved by glucocorticoid (glucocorticoid-remediable aldosteronism). Salti IS, et al. **Canad Med Ass J 101:1-10, 12 Jul 69**

Metabolism and hematology at high altitude and the effect of drugs on acclimatization. Albrecht E, et al.
Fed Proc 28:1118-23, May-Jun 69

Adrenal gland activity in Mt. Everest climbers. Siri WE, et al. **Fed Proc 28:1251-6, May-Jun 69**

Urinary testosterone response to human chorionic gonadotropin. Evaluation of male patients with hypogonadotropic hypogonadism. Fariss BL, et al.
Fertil Steril 20:632-8, Jul-Aug 69

Some clinical and hormonal effects of testicular biopsy. Georgescu MM, et al. **Fertil Steril 20:612-7, Jul-Aug 69**

Some common factors in the causation of postural hypotension. Fine W.
Geront Clin (Basel) 11:206-15, 1969

Diencephalic pathology in the clinical picture of certain collagenoses in young and middle aged patients. Man'kovskii NB. **Geront Clin (Basel) 11:231-8, 1969**

Endocrinological disturbances in cirrhosis of liver--a clinical, biochemical and histo-pathological study. Mukerjee AB, et al.
J Ass Physicians India 17:173-9, Mar 69

Abnormal lactation with Cushing's syndrome--a case report. Mahesh VB, et al.
J Clin Endocr 29:978-81, Jul 69

Placental hormone activity after removal of the fetus in a case of advanced abdominal pregnancy. Friedman S, et al. **J Obstet Gynaec Brit Comm 76:554-8, Jun 69**

Antenatal diagnosis of adrenocortical hyperplasia. Cathro DM, et al. **Lancet 1:732, 5 Apr 69**

Hypertension with inappropriate aldosterone stimulation. Christlieb AR, et al.
New Eng J Med 281:128-31, 17 Jul 69

Nonspecific disease symptoms in the recovery phase and the convalescence of tuberculosis. Radenbach KL. **Scand J Resp Dis Suppl 65:225+, 1968**

Pituitary tumors. Hekmatpanah J.
Surg Clin N Amer 49:163-78, Feb 69

[Inhibitions of steroid biosynthesis in the adrenal gland by aminogluthetimide (Elipten CIBA) and its practical significance] Horký K, et al.
Vnitrni Lek 15:417-25, May 69 (Cze)

[Determination of plasma and urinary cortisol by competition] Kolanowski J, et al.
Ann Endocr (Paris) 29:473-9, Jul-Aug 68 (Fre)

[Long term development of adrenal gland insufficiency, designated regressive, in newborn infants] Lambertz J, et al.
Arch Franc Pediat 26:79-85, Jan 69 (Fre)

[Penicillins and urinary steroids] Jeanjean M, et al.
Clin Chim Acta 25:103-7, Jul 69 (Fre)

[Circadian rhythm and low frequency rhythms in human physiology] Halberg F, et al.
J Physiol (Paris) 59:Suppl:117-200, 1967 (Fre)

[Familial male pseudohermaphroditism] Milcou SM, et al. **Rev Franc Endocr Clin 9:465-75, Nov-Dec 68 (Fre)**

[Excretion of testosterone and epitestosterone in women at the end of pregnancy] Scholiberg K, et al.
Acta Endocr (Kobenhavn) 60:579-85, Apr 69 (Ger)

[Studies of the serum cortisone level and total urinary corticoid excretion following inhalation of dexamethasone-21-isonicotinate in tuberculous patients and pregnant women] Laumen F.
Beitr Klin Erforsch Tuberk 138:56-67, 1968 (Ger)

[Hormone analysis and androgen therapy in male sterility] Silló-Seidl G.
Med Klin 64:539-42, 21 Mar 69 (Ger)

[Treatment trials with K 33 suppositories in impotentia coeundi] Barberini E.
Med Welt 19:1139-43, 10 May 69 (Ger)

[Clinical findings and laboratory diagnosis in Cushing's syndrome] Staub JJ, et al.
Praxis 57:1398-409, 15 Oct 68 (60 ref.) (Ger)

[On the diagnosis and differential diagnosis of pituitary dwarfism (nanosomia pituitaria)] Mannstadt C, et al.
Z Aerzti Fortbild (Jena) 62:1094-9, 1 Oct 68 (Ger)

[On the 17-Ketosteroid and testosterone determination in the urine of advanced gravidae] Seiler E, et al.
Z Aerzti Fortbild (Jena) 63:137-9, 1 Feb 69 (Ger)

[Hormonal and histologic studies in uterine myomas] Tóth F, et al.
Z Geburtsh Gynaek 170:163-71, Apr 69 (Ger)

[The steroid chromatogram in acute icterogenic hepatopathies] Abate G, et al.
Endocr Sci Cost 30:252-63, Apr 69 (Ita)

[Some findings on the androgen functions of the adrenal cortex in female obesity] Ferramosca B, et al.
Endocr Sci Cost 29:323-43, Nov 67 (43 ref.) (Ita)

[The problem of hirsutism in the light of modern acquisitions in steroid physiopathology] Conti C.
Folia Endocr (Roma) 21:529-58, Oct 68 **(Ita)**

[An experimental study on the influence of vitamin E on the gonad of male albino rats] Yokoo T.
Acta Urol Jap 15:171-94, Mar 69 **(Jap)**

[The endocrinology of puberty and adolescence. The female sex glands] Matsumoto S.
Clin Endocr (Tokyo) 17:109-12, Feb 69 **(Jap)**

[The endocrinology of puberty and adolescence. Adrenal glands] Takeuchi S, et al.
Clin Endocr (Tokyo) 17:95-100, Feb 69 **(Jap)**

[Endocrinology] Yoshida H.
Naika 23:40-6, Jan 69 (25 ref.) **(Jap)**

[Clinical study of urinary 17-ketosteroid fractions in breast cancer--correlation with the effect of adrenalectomy in progressive breast cancer] Sakauchi N, et al.
Saishin Igaku 24:463-70, 10 Feb 68 **(Jap)**

[Modification of Drekter's method of determination of 17-ketosteroid in urine] Muszyńska B, et al.
Endokr Pol 20:253-61, May-Jun 69 **(Pol)**

[Adrenal reserve in healthy children with normal and enlarged thymus] Modzelewska I.
Pediat Pol 44:437-42, Apr 69 **(Pol)**

[Adrenal cortex function tests in bacillary dysentery and food toxinfections] Vîţă A, et al.
Rev Medicochir Iasi 72:835-40, Oct-Dec 68 **(Rum)**

[On the method of fractional determination of neutral 17-ketosteroids of urine by means of thin-layer chromatography] Miklavskaia GM.
Lab Delo 9:566-7, 1967 **(Rus)**

[A study of the functional state of the adrenal cortex in different forms of reticulo-histocytosis during the course of the disease and under the influence of corticosteroid therapy] Nebol'sina LI.
Pediatriia 47:72-3, Feb 68 **(Rus)**

[Materials on the study of the function of the adrenal cortex and thyroid gland in patients with mastopathy] Futornyi MG, et al. **Vop Onkol** 15:87-8, 1969 **(Rus)**

[The concentration of 17-neutral ketosteroids and dehydroepiandrosterone in the urine of patients with precancerous diseases and cancer of the uterine cervix] Mezinova NN, et al.
Vop Onkol 15:77-9, 1969 **(Rus)**

[On various metabolic disorders in epilepsy in children] Taitslin IS, et al.
Zh Nevropat Psikhiat Korsakov 69:566-8, 1969 **(Rus)**

METHYLPREDNISOLONE

ADMINISTRATION & DOSAGE

Pressor agents in cardiogenic shock. Corday E, et al.
Amer J Cardiol 23:900-10, Jun 69

Injectable steroids in allergy. Grater WC, et al.
Ann Allerg 27:321-7, Jul 69

Radioactive depot-corticosteroid penetration into monkey ocular tissue. II. Subconjunctival administration. Hyndiuk RA.
Arch Ophthal (Chicago) 82:259-63, Aug 69

Elasticity of articular cartilage. Effects of intra-articular steroid administration and medial meniscectomy. Kopta JA, et al.
Clin Orthop 64:21-32, May-Jun 69

Alternate day corticosteroid administration and homograft rejection in rabbits. Birtwell WM, et al.
Proc Soc Exp Biol Med 131:1045-51, Jul 69

ADVERSE EFFECTS

Elasticity of articular cartilage. Effects of intra-articular steroid administration and medial meniscectomy. Kopta JA, et al.
Clin Orthop 64:21-32, May-Jun 69

METABOLISM

Radioactive depot-corticosteroid penetration into monkey ocular tissue. II. Subconjunctival administration. Hyndiuk RA.
Arch Ophthal (Chicago) 82:259-63, Aug 69

PHARMACODYNAMICS

Elasticity of articular cartilage. Effects of intra-articular steroid administration and medial meniscectomy. Kopta JA, et al.
Clin Orthop 64:21-32, May-Jun 69

Alternate day corticosteroid administration and homograft rejection in rabbits. Birtwell WM, et al.
Proc Soc Exp Biol Med 131:1045-51, Jul 69

[Effects of 6-methyl-prednisolone (with immediate and delayed action) on glycoactive function of the adrenal gland, in relation to age and sex of the patients] Martinelli M, et al.
Endocr Sci Cost 30:298-306, Apr 69 **(Ita)**

THERAPEUTIC USE

Factors influencing the response of lesions of the rotator cuff of the shoulder to local steroid injection. Fearnley ME, et al. **Ann Phys Med** 10:53-63, May 69

Experimental treatments of acute spinal cord injury. Ducker TB, et al. **J Neurosurg** 30:693-7, Jun 69

Corticosteroids as an adjunct to treatment in bacterial meningitis. A controlled clinical trial. DeLemos RA, et al. **Pediatrics** 44:30-4, Jul 69

[On granuloma gangraenescens of the nose] Braun-Falco O, et al.
Schweiz Med Wschr 99:703-8, 10 May 69 **(Ger)**

[Therapy of neuritis nervi optici] Graeber W.
Ther Gegenw 107:1264 passim, Oct 68 **(Ger)**

[Clinical trial of a delayed-action corticoid in asthmatic bronchitis] Mandelli Contegni G.
Minerva Med 60:2480-2, 23 Jun 69 **(Ita)**

MINERALOCORTICOIDS

[Guanylhydrazones with a postive inotropic cardiac effect] Schütz S, et al.
Arzneimitteiforschung 19:69-75, Jan 69 **(Ger)**

BLOOD

Laboratory aids in the diagnosis of endocrine disorders. Katz FH. **Med Clin N Amer** 53:79-95, Jan 69 (43 ref.)

CHEMICAL SYNTHESIS

Steroids possessing nitrogen atoms. IV. Further studies on the synthesis of [17alpha,16alpha-d]-oxazolino-corticoids. Nathansohn G, et al. **Steroids** 13:383-97, Mar 69

METABOLISM

Steroids possessing nitrogen atoms. V. Some pharmacological and chemico-physical aspects of a new class of active corticoids: [17alpha,16alpha-d]-oxazolino-steroids. Nathansohn G, et al. **Steroids** 13:365-81, Mar 69

PHARMACODYNAMICS

Hormone control of connective tissue. Asboe-Hansen G. **Brit J Derm** 81:Suppl 2:2-8, 1969 (56 ref.)

PHYSIOLOGY

[Development of the stress concept. Stress and heart diseases] Selye H.
Med Welt 16:915-8 passim, 19 Apr 69 **(Ger)**

SECRETION

[Effect of corticoids on the survival of animals irradiated with supralethal doses] Zsebök ZB, et al.
Strahlentherapie 135:623-7, May 68 **(Ger)**

PARAMETHASONE

ADMINISTRATION & DOSAGE

[Clinical trial with local injections of a microcrystalline suspension of paramethasone in rheumatology] Verhaeghe A, et al.
Lille Med 12:Suppl:755-9, Aug-Sep 67 **(Fre)**

[Results of clinical tests of locacorten--tar] Jenny D.
Praxis 56:1765-8, 28 Dec 67 **(Ger)**

THERAPEUTIC USE

[Results of clinical tests of locacorten--tar] Jenny D.
Praxis 56:1765-8, 28 Dec 67 **(Ger)**

PREDNISOLONE

Tissue response to cortisone containing and cortisone

free calcium hydroxide. Bhaskar SN, et al. **J Dent Child** 36:193-8, May-Jun 69

[The formation and prevention of an ulcer in rats by various adrenal cortex steroids] Biró L, et al. **Z Ges Inn Med** 24:154-6, 1 Mar 69 (Ger)

ADMINISTRATION & DOSAGE

Influence of antiblastic agents applied either in vivo or in vitro on human lymphocyte transformation in cell culture. Astaldi G, et al. **Blut** 19:8-16, Apr 69

Local corticosteroid injections. **Brit Med J** 3:102-4, 12 Jul 69

[Diagnostic and therapeutic possibilities in alopecia] Söltz-Szöts J. **Wien Med Wschr** 119:103-5, 8 Feb 69 (12 ref.) (Ger)

[Experimental contribution on the therapy of anaphylactic shock. The combination of antihistaminics and corticosteroids in Guinea pigs] Biedermann HP. **Z Ges Exp Med** 148:194-203, 1968 (Ger)

ADVERSE EFFECTS

Pemphigus vulgaris successfully treated with cyclophosphamide. Ebringer A, et al. **Ann Intern Med** 71:125-7, Jul 69

Generalized cytomegalovirus infection in a patient with lupoid hepatitis. Robson GS, et al. **Aust Ann Med** 18:147-50, May 69

Posterior subcapsular cataracts and glaucoma associated with long-term oral corticosteroid therapy. In patients with rheumatoid arthritis and related conditions. Williamson J, et al. **Brit J Ophthal** 53:361-72, Jun 69

Amoebic dysentery precipitated by corticosteroids. Kanani SR, et al. **Brit Med J** 3:114, 12 Jul 69

[The significance of periarteritis nodosa for the surgeon] Bussmann J, et al. **Bruns Beitr Klin Chir** 216:698-705, Dec 68 (Ger)

[Side-effects of glucocorticoids in liver therapy] Möller E, et al. **Deutsch Med Wschr** 94:1371-3 passim, 27 Jun 69 (Ger)

[Pancreatitis caused by prednisolone] Boros G, et al. **Z Ges Inn Med** 23:729-32, 15 Nov 68 (Ger)

[Case of perforation of an acutely developed gastric ulcer in a 13-year-old girl taking prednisolone] Sheĭnbaum MP. **Pediatriia** 47:78-9, Aug 68 (Rus)

ANTAGONISTS & INHIBITORS

[The formation and prevention of an ulcer in rats by various adrenal cortex steroids] Biró L, et al. **Z Ges Inn Med** 24:154-6, 1 Mar 69 (Ger)

BLOOD

Measurement of plasma prednisolone by gas chromatography. Bacon GE, et al. **J Lab Clin Med** 73:1030-5, Jun 69

[Rapidity and duration of the effect of coaticoid preparations] Stöckl W, et al. **Wien Tieraerztl Mschr** 56:229-32, 1969 (Ger)

DIAGNOSTIC USE

Comparison of the mechanisms underlying carbohydrate intolerance in subclinical diabetic women during pregnancy and during post-partum oral contraceptive steroid treatment. Beck P, et al. **J Clin Endocr** 29:807-18, Jun 69

[Importance and effect of the prednisolone provocation test in chronic pyelonephritis] Fischer V, et al. **Aerztl Forsch** 22:419-24, 1968 (Ger)

[On the question of a method of detecting pre-diabetes] Maleva IIa. **Ter Arkh** 39:80-4, Aug 67 (Rus)

METABOLISM

[Cortisol and corticosterone] Nakajija H, et al. **Jap J Clin Med** 27:352-8, Feb 69 (Jap)

PHARMACODYNAMICS

Effect of the median eminence of the pigeon (Columba livia domestica L.) on the regulation of adenohypophysial corticotropin secretion. Péczely P. **Acta Physiol Acad Sci Hung** 35:47-57, 1969

Thymic size in systemic lupus erythematosus. Roentgenological assessment. Hare WS, et al. **Arch Intern Med (Chicago)** 124:60-3, Jul 69

N6-(delta-2-isopentenyl) adenosine--effects upon nucleic acid synthesis in lymphocytes in vitro and the development of immunologic hypersensitivity in vivo. Hacker B, et al. **Biochem Pharmacol** 18:847-53, Apr 69

Relationships between steroid binding and elevation of alkaline phosphatase in HeLa cells. Melnykovych G, et al. **Biochim Biophys Acta** 177:579-85, 6 May 69

Prednisolone induction of alkaline phosphatase in human skin fibroblasts. Waters MD, et al. **Biochim Biophys Acta** 177:650-2, 6 May 69

Influence of antiblastic agents applied either in vivo or in vitro on human lymphocyte transformation in cell culture. Astaldi G, et al. **Blut** 19:8-16, Apr 69

Localized immunosuppression for pulmonary transplants. Anderson JM, et al. **Brit J Surg** 56:597-600, Aug 69

Pathology of the conduction system in cardiac rejection. Bieber CP, et al. **Circulation** 39:567-75, May 69

Studies on the effect of systemic administration of sensitizers in guinea-pigs with contact sensitivity to inorganic metal compounds. 3. The effect of immunosuppressive agents on enhancing the unresponsiveness of already sensitized animals and an investigation of the action of the epicutaneous test within twenty-four hours. Polák L, et al. **Clin Exp Immun** 4:423-34, Apr 69

Combined action of adrenal cortical hormones and endotoxin on cells of the reticuloendothelial system. Heilman DH. **Int Arch Allerg** 35:591-602, 1969

Anti-ouabain action of steroid hormones on twitch and potassium contracture in heart ventricle strip of frog. Fujino S, et al. **Jap J Pharmacol** 19:148-56, Mar 69

The half-life of alanine aminotransferase and of total soluble protein in livers of normal and glucocorticoid-treated rats. Kim YS. **Molec Pharmacol** 5:105-8, Mar 69

Steroids possessing nitrogen atoms. V. Some pharmacological and chemico-physical aspects of a new class of active corticoids: [17alpha,16alpha-d]-oxazolino-steroids. Nathansohn G, et al. **Steroids** 13:365-81, Mar 69

[Effect of some drugs on the binding of bilirubin and bromsulphalein to serum albumins in vitro] Kučerová L, et al. **Cas Lek Cesk** 108:737-8, 8 Jun 69 (Cze)

[Study of the immunodepressive action of prednisolone in axenic and holoxenic mice] Benveniste J, et al. **Path Biol (Paris)** 17:133-42, Feb 69 (Fre)

[Importance and effect of the prednisolone provocation test in chronic pyelonephritis] Fischer V, et al. **Aerztl Forsch** 22:419-24, 1968 (Ger)

[Experimental animal tracer studies on the effect of catabolic and anabolic active steroids] Meissner J, et al. **Arzneimittelforschung** 19:606-13, Apr 69 (Ger)

[Morphological and functional alterations of the blood cell system of guinea pigs after treatment with cytostatic agents, prednisolone and phenylbutazone. 3. Alterations of an immunologic and an unspecific form of inflammation] Trepel F, et al. **Z Ges Exp Med** 149:25-43, 8 Jan 69 (Ger)

[Urinary elimination of kynurenine and other tryptophan metabolites before and after administration of prednisolone to newborn infants] Mainardi L, et al. **Acta Vitamin (Milano)** 22:81-4, 1968 (Ita)

[Early effect of hydrocortisone and prednisolone administration on the activity of aspartate transcarbamylase (E. C. 2. 1. 3. 2.) in rat liver] Zak T, et al. **Endokr Pol** 20:217-22, May-Jun 69 (Pol)

THERAPEUTIC USE

Studies on iodine metabolism in chronic thyroiditis. Torizuka K. **Acta Path Jap** 18:485-90, Nov 68

Corticosteroid therapy in central stromal keratitis. Aronson SB, et al. **Amer J Ophthal** 67:873-96, Jun 69

Immunosuppressive drugs in rheumatoid arthritis. Baum J, et al. **Ann Intern Med** 71:202-4, Jul 69 (17 ref.)

Thymic size in systemic lupus erythematosus. Roentgenological assessment. Hare WS, et al. **Arch Intern Med (Chicago)** 124:60-3, Jul 69

Studies in a patient with acute leukaemia after lysergide treatment. Garson OM, et al. **Brit Med J** 2:800-2, 28 Jun 69

Infectious mononucleosis, deafness and facial paralysis. Taylor L, et al. **J Laryng** 83:813-6, Jun 69

Chloroma of the nose. Vishwakarma SK, et al. J Laryng 83:713-6, Jul 69
Diabetes insipidus complicating thrombotic thrombocytopenic purpura. VanSlyck EJ, et al. JAMA 209:768-70, 4 Aug 69
Turpentine and thrombocytopenic purpura. Wahlberg P, et al. Lancet 2:215-6, 26 Jul 69
The function of the drug-modified canine renal allograft. Almgård LE, et al. Scand J Urol Nephrol 2:177-82, 1968
Prednisolone in the treatment of tetanus in infants and children. (A preliminary report). Ogbeide MI. W Afr Med J 18:7-12, Feb 69
[Changes in the amino acid pool in multiple myelomas] Stacher A, et al. Blut 19:73-8, May 69 (Ger)
[The significance of periarteritis nodosa for the surgeon] Bussmann J, et al. Bruns Beitr Klin Chir 216:698-705, Dec 68 (Ger)
[Experience with Delta-Tomanol, a new antirheumatic combination preparation] Ritzel R, et al. Deutsch Med J 19:800-2, 20 Nov 68 (Ger)
[Therapy of the nephrotic syndrome in childhood] Linneweh F. Deutsch Med Wschr 94:1335-6, 20 Jun 69 (Ger)
[Acute appendicitis in infectious hepatitis] Geschke H. Med Klin 63:1463-5, 13 Sep 68 (Ger)
[Contribution on the therapy of chronic liver parenchymal damage with 6-mercaptopurine] Mott R, et al. Med Klin 63:1422-8, 6 Sep 68 (Ger)
[Therapeutic practice. XV. Therapy of the nephrotic syndrome] Schütterle G, et al. Med Welt 11:729-32, 16 Mar 68 (Ger)
[Rhinologic agents. 14] Furkert K. Pharm Prax 9:255-8, 1967 (96 ref.) (Ger)
[Otologic agents. 13] Furkert K. Pharm Prax 9:253-4, 1967 (29 ref.) (Ger)
[On the two-phase therapy of degenerative rheumatism with a myotonolytic-antiphlogistic and an analgesic combination preparation] Frank O, et al. Praxis 57:1173-5, 27 Aug 68 (Ger)
[On the treatment of rheumatic diseases with Delta-Tomanol] Wille T. Ther Gegenw 107:1512-4 passim, Nov 68 (Ger)
[Diagnostic and therapeutic possibilities in alopecia] Soltz-Szöts J. Wien Med Wschr 119:103-5, 8 Feb 69 (12 ref.) (Ger)
[Experimental contribution on the therapy of anaphylactic shock. The combination of antihistaminics and corticosteroids in Guinea pigs] Biedermann HP. Z Ges Exp Med 148:194-203, 1968 (Ger)
[Morphological and functional alterations of the blood cell system of guinea pigs after treatment with cytostatic agents, prednisolone and phenylbutazone. 3. Alterations of an immunologic and an unspecific form of inflammation] Trepel F, et al. Z Ges Exp Med 149:25-43, 8 Jan 69 (Ger)
[Prevention of postoperative maxillofacial edema. Comparative study of researches in Munich and Athens] Phile-Papasoterios M. Odontiatrike 1:26-8, Jan-Feb 68 (Gre)
[Case of hyperthyroidism and acute thyroiditis developing during administration of thyroid hormones] Ishizuki Y, et al. Clin Endocr (Tokyo) 17:125-7, Feb 69 (Jap)
[The state of renal osmoregulation in children with a nephrotic form of diffuse glomerulonephritis] Matveev MP, et al. Pediatriia 47:49-53, Feb 68 (Rus)
[Comparative analysis of the long-term sequelae of Botkin's disease with and without prednisolone therapy] Geller LI, et al. Ter Arkh 39:28-32, Aug 67 (Rus)
[Hemorenal indices in epidemic hepatitis patients during treatment with prednisolone] Lapushinskiĭ DP. Ter Arkh 39:23-7, Aug 67 (Rus)
[Features of the course of and long-term results of the treatment of periarteritis nodosa] Vil'dt MO. Ter Arkh 39:50-2, Mar 67 (Rus)

PREDNISOLONE, TOPICAL

ADVERSE EFFECTS

Steroid therapy in penetrating keratoplasty. Moore TE Jr. Trans Pacif Coast Otoophthal Soc 49:289-99, 1968

PHARMACODYNAMICS

The effect of hydrocortisone on skin in organ cultures. Caron GA. Acta Dermatovener (Stockholm) 49:59-63, 1969
Alkali burns of the cornea. Brown SI, et al. Arch Ophthal (Chicago) 82:91-4, Jul 69

THERAPEUTIC USE

Steroid therapy in penetrating keratoplasty. Moore TE Jr. Trans Pacif Coast Otoophthal Soc 49:289-99, 1968
[Experiences with a new topical drug Rifoderm, a rifomycin-prednisolone ointment] Weitgasser H. Wien Med Wschr 118:1107-10, 21 Dec 68 (Ger)

PREDNISONE

The period and nature of hazard in clinical renal transplantation. I. The hazard to patient survival. Moore TC, et al. Ann Surg 170:1-11, Jul 69

ADMINISTRATION & DOSAGE

A study of capillary resistance in rheumatoid arthritis with special reference to the effects of long-term low-dosage oral corticosteroid therapy. Dick WC, et al. Acta Rheum Scand 14:265-75, 1968
Vincristine and prednisone for the induction of remissions in acute childhood leukaemia. Hardisty RM, et al. Brit Med J 2:662-5, 14 Jun 69
Single dose alternate day corticosteroid therapy in posterior uveitis. Millett FE Jr, et al. Eye Ear Nose Throat Monthly 48:456-8, Aug 69
Alternate-day prednisone therapy. Evaluation of delayed hypersensitivity responses, control of disease and steroid side effects. MacGregor RR, et al. New Eng J Med 280:1427-31, 26 Jun 69
[Chlorambucil in the treatment of idiopathic nephrotic syndrome without glomrular lesions in childhood. Apropos of 30 cases] Lévèque B, et al. Ann Pediat (Paris) 16:13-23, 2 Jan 69 (Fre)
[Practical experience with rectal prednisone application in adults and children] Maiss HJ. Med Welt 12:774-7, 23 Mar 68 (Ger)
[Possibilities of treatment of meningeal dissemination in leukemia and malignant tumors in adults] Neubauer W, et al. Schweiz Med Wschr 99:330-4, 8 Mar 69 (Ger)
[Thrombocytopenic purpura after smallpox vaccination] Feyling T, et al. T Norsk Laegeforen 89:725-6, 15 May 69 (Nor)
[Chronic lymphatic leukemia] Stavem P, et al. T Norsk Laegeforen 89:633-5, 1 May 69 (Nor)

ADVERSE EFFECTS

Atypical cutaneous herpes simplex infection associated with acute myelogenous leukemia. Bean SF, et al. Acta Dermatovener (Stockholm) 49:94-6, 1969
Management of chronic idiopathic thrombocytopenic purpura in children, with particular reference to immunosuppressive therapy. Lo SS, et al. Acta Haemat (Basel) 41:1-15, 1969
A fortuitously controlled study of steroid therapy in acute viral hepatitis. II. Follow-up examination of 202 patients. Stutz R, et al. Amer J Med 47:93-100, Jul 69
Calciphylaxis in man. Rees JK, et al. Brit Med J 2:670-2, 14 Jun 69
Growth hormone secretion in growth-retarded asthmatic children. Sanders SS, et al. Brit Med J 3:25-6, 5 Jul 69
Two cases of cryptococcal meningitis, one treated with 5-fluorocytosine. Watkins JS, et al. Brit Med J 3:29-31, 5 Jul 69
Alternate-day prednisone therapy. Evaluation of delayed hypersensitivity responses, control of disease and steroid side effects. MacGregor RR, et al. New Eng J Med 280:1427-31, 26 Jun 69
Hyperglycemic coma associated with corticosteroid therapy. Pierce LE, et al. New York J Med 69:1785-7, 15 Jun 69
Intraocular pressure changes in children with the use of corticosteroid therapy. Grossman BJ, et al. Proc Inst Med Chicago 27:55-6, May 68
The successful treatment of pneumocystis carinii pneumonitis in an adult with lymphosarcoma. A comment on pentamidine isethionate nephrotoxicity. De Vita VT, et al. Rev Franc Etud Clin Biol 14:55-6, Jan 69
[Therapeutic effect of alpha-tocopher- yl-quinone on muscular disorders of hyperthyroidism and of

prolonged treatment by corticoids and antimitotics] Richier JL, et al.
Sem Hop Paris 45:1406-12, 26 Apr 69 **(Fre)**
[Side-effects of glucocorticoids in liver therapy] Möller E, et al.
Deutsch Med Wschr 94:1371-3 passim, 27 Jun 69 **(Ger)**

CHEMICAL SYNTHESIS

Nitrate esters of steroid hormones and related compounds. Preparation and biological properties. Hodoşan F, et al.
Arzneimittelforschung 19:684-5, Apr 69

PHARMACODYNAMICS

Corticosteroids and vascular connective tissue. I. Effects of prednisone on rabbit aorta. Biochemical and morphological studies. Lorenzen I.
Acta Endocr (Kobenhavn) 60:586-94, Apr 69
Relationships between steroid binding and elevation of alkaline phosphatase in HeLa cells. Melnykovych G, et al. **Biochim Biophys Acta** 177:579-85, 6 May 69
Localized immunosuppression for pulmonary transplants. Anderson JM, et al.
Brit J Surg 56:597-600, Aug 69
Alternate-day prednisone therapy. Evaluation of delayed hypersensitivity responses, control of disease and steroid side effects. MacGregor RR, et al.
New Eng J Med 280:1427-31, 26 Jun 69
Effect of prednisone on bone marrow cells regenerating from total body irradiation. Host H.
Scand J Clin Lab Invest 22:Suppl 106:107+, 1968
[Free fatty acids in the serum--regulatory mechanism and clinical significance] Spahn U, et al.
Z Aerztl Fortbild (Jena) 63:245-54, 1 Mar 69 (31 ref.) **(Ger)**
[Effects of oral administration of proteolytic enzymes on certain serum values during infectious hepatitis in children] Belloni C, et al.
Minerva Pediat 21:314-6, 25 Feb 69 **(Ita)**

THERAPEUTIC USE

Idiopathic aplastic anaemia in children. Results of androgen treatment. Killander A, et al.
Acta Paediat Scand 58:10-4, Jan 69
Accidental aspiration of talc. Report of a case in a two-year-old child. Lund JS, et al.
Acta Paediat Scand 58:295-6, May 69
Chronic autoimmune hemolytic anemia in childhood with cold antibodies, aplastic crises, and familial occurrence. Seip M, et al.
Acta Paediat Scand 58:275-80, May 69
Cerebral vasculitis visualized by angiography in juvenile rheumatoid arthritis simulating brain tumor. Sievers K, et al. **Acta Rheum Scand** 14:222-32, 1968
A fortuitously controlled study of steroid therapy in acute viral hepatitis. I. Acute disease. Blum AL, et al.
Amer J Med 47:82-92, Jul 69
A fortuitously controlled study of steroid therapy in acute viral hepatitis. II. Follow-up examination of 202 patients. Stutz R, et al. **Amer J Med** 47:93-100, Jul 69
Tuberculosis, corticosteroid therapy, and pulmonary function. Malik SK, et al.
Amer Rev Resp Dis 100:13-8, Jul 69
Factitious purpura simulating autoerythrocyte sensitization. Levin RM, et al.
Ann Intern Med 70:1201-6, Jun 69
Oral lesions in bullous pemphigoid. Shklar G, et al.
Arch Derm (Chicago) 99:663-70, Jun 69
Cyclophosphamide therapy of peripheral uveitis. Buckley CE 3d, et al.
Arch Intern Med (Chicago) 124:29-35, Jul 69
Keratoplasty and trachoma in the southwestern American Indian. Biswell R.
Arch Ophthal (Chicago) 81:791-6, Jun 69
Metastatic carcinoma to the choroid with choroidal detachment. A case presenting as uveal effusion. Kreiger AE, et al.
Arch Ophthal (Chicago) 82:209-13, Aug 69
Bell's palsy in pregnancy. Pope TH Jr, et al.
Arch Otolaryng (Chicago) 89:830-4, Jun 69
Acute disseminated histiocytosis X: a case with transition from eosinophilic granuloma of bone to Letterer-Siwe disease. Dutt AK, et al.
Aust Ann Med 18:135-7, May 69
The Chediak-Higashi syndrome: continuous suspension cultures derived from peripheral blood. Blume RS, et al. **Blood** 33:821-32, Jun 69
Growth hormone secretion in growth-retarded asthmatic children. Sanders SS, et al.
Brit Med J 3:25-6, 5 Jul 69
Liver transplantation in man--3, Studies of liver function, histology, and immunosuppressive therapy. Williams R, et al. **Brit Med J** 3:12-9, 5 Jul 69
Non-tumorous "primary" aldosteronism. I. Type relieved by glucocorticoid (glucocorticoid-remediable aldosteronism). Saiti IS, et al. **Canad Med Ass J** 101:1-10, 12 Jul 69
Hypersplenism due to disseminated candidiasis in a patient with acute leukemia. Bodey GP, et al.
Cancer 24:417-20, Aug 69
Acute rejection following cardiac transplantation. Phonocardiographic and ultrasound observations. Schroeder JS, et al. **Circulation** 40:155-64, Aug 69
Atypical myocardial infarction in a case of pemphigus in the light of immunofluorescence studies. Chorzelski T, et al. **Clin Exp Immun** 4:691-5, Jun 69
Two unusual uses of steroid hoones in pelvic infections. Campbell C. **Clin Obstet Gynec** 12:247-51, Mar 69
Combination of arabinosyl cytsone, methylglyoxal bis (guanylhydrazone), 6-mercaptopurine and prednisone in the treatment of acute myelocytic leukemia. Weil M, et al. **Europ J Cancer** 5:271-5, Jun 69
Chemotherapy and the life cycle of leukaemic cells. A comparison between the growth characteristics of human acute leukaemia and the murine leukaemia L 1210. Benckhuijsen C.
Folia Med Neerl 12:74-84, 2 Dec 69 (51 ref.)
Long-term study of pulmonary sarcoidosis. The effect of steroid therapy as evaluated by pulmonary function studies. Emirgil C, et al. **J Chronic Dis** 22:69-86, Jul 69
Cytogenetic studies in 45 patients with acute lymphocytic leukemia. Whang-Peng J, et al.
J Nat Cancer Inst 42:881-97, Jun 69
Successful treatment of hepatic hemangioma with corticosteroids. Goldberg SJ, et al.
JAMA 208:2473-4, 30 Jun 69
Transient facial myokymia. An uncommon manifestation of multiple sclerosis. Gutmann L, et al.
JAMA 209:389-91, 21 Jul 69
Recovery from aplastic anemia associated with infectious hepatitis. McGuinness AE, et al.
Med J Aust 1:1090-2, 24 May 69 (15 ref.)
Cryotherapy for dendritic keratitis. Milverton EJ, et al.
Med J Aust 1:889-93, 3 May 69
Hodgkin's disease.
Med Lett Drugs Ther 10:10-2, 12 Jan 68
"Mechanical" hemolytic anemia improved by corticosteroids. Patient with mitral insufficiency at the prosthetic valve in a case of Marfan's syndrome. Hamilton CA. **Nebraska Med J** 54:161-3, Mar 69
Remission in Wegener's granulomatosis treated with steroids and azathioprine. Choy DS, et al.
New York J Med 69:1205-9, 1 May 69
Hyperglycemic coma associated with corticosteroid therapy. Pierce LE, et al.
New York J Med 69:1785-7, 15 Jun 69
Preoperative evaluation of the arthritic patient. Hall AP. **Surg Clin N Amer** 49:751-5, Aug 69
Role of steroids in the management of phagedenic ulcer. Abrams JS. **Surgery** 66:297-303, Aug 69
Skin allografts and immunosuppression in the treatment of massive thermal injury. Koumans RK, et al. **Surgery** 66:89-96, Jul 69
Circulating anticoagulant (antifactor 8 treated with immunosuppressive drugs. Sherman LA, et al.
Thromb Diath Haemorrh 21:249-58, 30 Apr 69
[Hypervitaminosis D2 due to daily ingestion of hydro-alcoholic solution of 400 U.I. per drop. Recovery following calcium-free diet and corticotherapy] Marie J, et al.
Ann Pediat (Paris) 16:24-6, 2 Jan 69 **(Fre)**
[Surgery in von Willebrand's disease. (A propos of 3 personal studies)] Meyer D, et al.
Nouv Rev Franc Hemat 9:307-10, Mar-Apr 69 **(Fre)**
[Liquefying effect on suppurations of an oral dose of calciferol] Brincourt J.
Presse Med 77:467-70, 15 Mar 69 **(Fre)**
[Chimiotherapy of cancers (operational research of its efficiency and its place in therapeutic strategy of neoplasic diseases)] Mathé G.
Presse Med 77:383-4, 1 Mar 69 **(Fre)**
[The practitioner's approach to acute hypercalcemia] Schaison G. **Presse Med** 77:1083-5, 21 Jun 69 **(Fre)**
[A new variety of porphyria, mixed or variegate hereditary coproporphyria] Gajdos A, et al.
Rev Franc Etud Clin Biol 14:279-82, Mar 69 **(Fre)**

[Arterial involvements in Horton's disease] Cabanel G, et al. Sem Hop Paris 45:436-43, 8 Feb 69 (Fre)
[Rheumatoid polyarthritis and chronic lymphoid leukemia. Studies of 7 cases of association of these 2 diseases] Druet P, et al. Sem Hop Paris 45:489-98, 14 Feb 69 (Fre)
[2 cases of Crohn's disease] Simon GC, et al. Sem Hop Paris 45:1200-5, 14 Apr 69 (Fre)
[Chemotherapy of leukemia] Obrecht P. Internist (Berlin) 9:489-95, Dec 68 (Ger)
[Panmyelopathy following acute hepatitis] Vaništa J, et al. Med Klin 63:757-9, 10 May 68 (Ger)
[Diagnosis and therapy of immuno-hemolytic anemia] Bube FW. Med Welt 19:1212-9, 11 May 68 (Ger)
[Clinical morphologic and therapeutic viewpoints on neoplastic reticulosis in childhood] Hempel HC, et al. Mschr Kinderheilk 116:588-93, Nov 68 (Ger)
[Rhinologic agents. 14] Furkert K. Pharm Prax 9:255-8, 1967 (96 ref.) (Ger)
[Frequent false diagnosis of lupus erythematosus visceralis] Apostoloff E, et al. Z Aerztl Fortbild (Jena) 62:1174-8, 1 Nov 68 (Ger)
[Contribution on viral hepatitis in older patients] Geschke H. Z Aerztl Fortbild (Jena) 63:386-91, 1 Apr 69 (Ger)
[Pediatric guidelines. 4. Antibiotic therapy of meningitis purulenta, sepsis and staphylococcal pneumonia] Ockiitz HW, et al. Z Aerztl Fortbild (Jena) 62:1118-21, 15 Oct 68 (Ger)
[Addison's disease in two brothers] Rath F, et al. Z Kinderheilk 106:197-205, 1969 (Ger)
[Associated chemotherapeutic treatment of epithelial tumors. Clinical results and doctrinal considerations] Eridani S, et al. Minerva Med 60:2047-53, 23 May 69 (Ita)
[Apropos of a clinical case of metafocal hemorrhagic purpura in a patient with chronic cryptic tonsillitis. Therapeutic orientation] Diversi G. Minerva Otorinolaring 17:169-71, Sep-Oct 67 (Ita)
[Typhoid fever and pregnancy] Ferlazzo B, et al. Policlinico [Prat] 75:1706-11, 16 Dec 68 (Ita)
[Retroperitoneal fibrosis. A case with unusual symptomatology] Waaler G. Nord Med 81:609-12, 8 May 69 (Nor)
[Cytostatic treatment of autoimmune diseases] Gjone E. T Norsk Laegeforen 89:387-90, 15 Mar 69 (Nor)
[Complications with Mycoplasma pneumoniae infections] Melsom ME. T Norsk Laegeforen 89:820-1, 1 Jun 69 (Nor)
[Toxic epidermal necrolysis] Sander J. T Norsk Laegeforen 89:398-401, 15 Mar 69 (Nor)
[A case of allergic pulmonary aspergillosis] Kimmel K. Gruzlica 37:269-73, Mar 69 (Pol)
[Acute benign pericarditis in an infant] Bakunowa F, et al. Pediat Pol 44:79-81, 1968 (Pol)
[Results of immunosuppressive treatment in kidney diseases in children] Halikowski B, et al. Pediat Pol 44:539-47, May 69 (Pol)
[Effects of delta-cortisone on the leukocyte count in peripheral blood in children] Jezierska-Schier A, et al. Pediat Pol 44:323-4, Mar 69 (Pol)
[Effect of hormonal therapy in a case of progressive lipodystrophy] Wojtarowicz E, et al. Pediat Pol 44:353-5, Mar 69 (Pol)
[Postinfarction syndrome of Dressler] Syc S, et al. Wiad Lek 22:885-7, 15 May 69 (Pol)
[Clinical evaluation of daunomycin combined with vincristine and prednisone in the treatment of acute leukemias] Pavlovsky S, et al. Medicina (B Air) 28:Suppl 1:71-6, Dec 68 (Spa)
[Our experience in treatment of rheumatic carditis by pronisone] Doneva V, et al. God Zborn Med Fak Skopje 14:216-24, 1968 (Cro)
[Our experience in the treatment of rheumatic carditis by pronisone and acisal] Doneva V, et al. God Zborn Med Fak Skopje 14:208-15, 1968 (Cro)

PREGNANETRIOL

ANALYSIS

Antenatal diagnosis of adrenocortical hyperplasia. Nichols J. Lancet 1:1151-2, 7 Jun 69

BIOSYNTHESIS

Steroidogenesis in a case of hydatidiform mole. Coutts JR, et al. J Endocr 43:27-8, Jan 69

METABOLISM

"Puberty" of the rat liver. IV. Influence of estrogens upon the differentiation of cortisol metabolism induced by neonatal testosterone. Denef C, et al. Endocrinology 85:259-69, Aug 69

SECRETION

Variations in steroid responses following ovarian stimulation in women with amenorrhoea. Cox RK. J Reprod Fertil 19:386, Jul 69

URINE

A method for the estimation of individual urinary corticosteroids, pregnanediol, pregnanetriol and pregnanetriolone following their separation by thin-layer chromatography. Kralem Z, et al. Acta Endocr (Kobenhavn) 61:1-16, May 69
Formation of 17alpha-hydroxy-pregnenolone, 17alpha-hydroxy-progesterone and progesterone by hydatidiform moles in vitro. Leusden HA van, et al. Acta Endocr (Kobenhavn) 61:68-75, May 69
Semiquantitative estimation of urinary pregnanetriol, pregnanetriolone and tetrahydro S in the investigation of adrenocortical function. Thomas FJ, et al. Acta Endocr (Kobenhavn) 60:645-56, Apr 69
Quantitative estimation of urinary pregnanetriol, pregnanetriolone, tetrahydro S and delta-5-pregnenetriol in the investigation of adrenocortical function. Thomas FJ, et al. Acta Endocr (Kobenhavn) 60:657-68, Apr 69
Urinary steroid profile in threatened abortion. Acevedo HF, et al. Amer J Obstet Gynec 104:964-72, 1 Aug 69
Steroidogenesis in a case of hydatidiform mole. Coutts JR, et al. J Endocr 43:27-8, Jan 69
Antenatal diagnosis of adrenocortical hyperplasia. Cathro DM, et al. Lancet 1:732, 5 Apr 69
[Study of 13 cases of urinary elimination of testicular steroids after administration of H.M.G. (human menopausal gonadotropins) and H.C.G. (human chorionic gonadotropins)] Jayle MF, et al. Gynec Obstet (Paris) 67:503-8, Nov-Dec 68 (Fre)
[Some findings on the androgen functions of the adrenal cortex in female obesity] Ferramosca B, et al. Endocr Sci Cost 29:323-43, Nov 67 (43 ref.) (Ita)

TRIAMCINOLONE

ADMINISTRATION & DOSAGE

[The treatment of acute humeroscapuar periarthritis] Volhard J. Med Welt 3:188 passim, 20 Jan 68 (Ger)
[The inhibitory effect of anti-inflammatory equipotent doses of dexamethasone and triamcinolone on the secretion rhythm of adrenal cortex steroids] Radvila A, et al. Schweiz Med Wschr 99:709-11, 10 May 69 (Ger)
[Cortisone therapy syntonized with the circadian rhythm of the cortico-adrenal incretion] Bellomi C. Rass Trim Odont 49:251-7, Jul-Sep 68 (Ita)

METABOLISM

Mechanism of hormone action. The role of butterfat in gluconeogenesis. Sarkar NK. Life Sci 8:435-43, 15 Apr 69

PHARMACODYNAMICS

Purification and properties of rat liver tyrosine aminotransferase. Valeriote FA, et al. J Biol Chem 244:3618-24, 10 Jul 69
The effect of dimethyl sulfoxide and topical triamcinolone on chemical carcinogenesis of hamster buccal pouch. Siegel WV, et al. Oral Surg 27:772-9, Jun 69
Pancreatic hormones and hepatic methionine adenosyltransferase in the rat. Shou L, et al. Proc Soc Exp Biol Med 131:1012-8, Jul 69
[DNA-synthesis and hyperplasia of the epidermis after stripping and application of ointments] Christophers E. Arch Klin Exp Derm 233:277-86, 1968 (Ger)
[The inhibitory effect of anti-inflammatory equipotent doses of dexamethasone and triamcinolone on the secretion rhythm of adrenal cortex steroids] Radvila A, et al. Schweiz Med Wschr 99:709-11, 10 May 69 (Ger)
[Denaturation of cornea proteins and alteration in antigenicity. 3. Inhibition of antigen-antibody

reaction on heterocorneal transplantation treated with urea] Kurahashi H.
Folia Ophthal Jap 20:313-20, Mar 69 **(Jap)**

THERAPEUTIC USE

Psoriasis treated with low tryptophan diet. Portnoy B.
Brit J Derm 81:389, May 69
Management of sarcoidosis. James DG, et al.
Geriatrics 24:140-6, Jun 69
[Rhinologic agents. 14] Furkert K.
Pharm Prax 9:255-8, 1967 (96 ref.) **(Ger)**

TRIAMCINOLONE ACETONIDE

Long-lasting lozenges CU 701-1: dissolution duration time at home in patients with oral mucosal lesions. Kutscher AH, et al. **Quart Nat Dent Ass** 27:76-7, Apr 69

ADMINISTRATION & DOSAGE

[Intra-articular therapy of rheumatoid arthritis with triamcinolone acetonide] Rau R.
Med Welt 11:616-20, 15 Mar 69 **(Ger)**

ADVERSE EFFECTS

[General reactions caused by intralesional corticoid therapy] Piovano PB, et al.
G Ital Derm 110:31-5, Jan 69 **(Ita)**

PHARMACODYNAMICS

[Pulpal response to direct and indirect cappings with a corticosteroid-antibiotic compound] Fiore-Donno G, et al. **Helv Odont Acta** 13:35-45, Apr 69 **(Fre)**

THERAPEUTIC USE

Human pulp reactions to a glucocorticosteroid-antibiotic compound. Barker BC, et al. **Aust Dent J** 14:104-19, Apr 69
Reaction of dental pulp to Ledermix cements. Everett AD, et al. **Dent Pract (Bristol)** 19:348-50, Jun 69
Treatment of otitis externa. Report of a clinical trial. Worgan D. **Practitioner** 202:817-20, Jun 69
[Intra-articular therapy of rheumatoid arthritis with triamcinolone acetonide] Rau R.
Med Welt 11:616-20, 15 Mar 69 **(Ger)**

ADRENAL

IV. Related Topics

AMINOGLUTETHIMIDE

The blocking effect of thyroidectomy on adrenal and ovarian hypertrophy produced by aminoglutethimide feeding in rats. Schreiber V, et al. **J Endocr 42:349-50, Oct 68**

ADVERSE EFFECTS

Mitochondrial cavitation and hypertrophy in rat adrenal cortex due to aminoglutethimide. Racela A Jr, et al. **Lab Invest 21:52-60, Jul 69**

PHARMACODYNAMICS

Adrenal cells in tissue culture. IV. Use of an inhibitor of steroid synthesis for the study of ACTH action. Kowal J. **Endocrinology 85:270-9, Aug 69**

[Inhibitions of steroid biosynthesis in the adrenal gland by aminoglutethimide (Elipten CIBA) and its practical significance] Horký K, et al. **Vnitrni Lek 15:417-25, May 69 (Cze)**

DDD

ANALYSIS

Distribution of DDT residues in tissues of birds in relation to mortality, body condition, and time. Stickel L, et al. **Industr Med Surg 38:44-53, Mar 69**

Residues in fish, wildlife, and estuaries. Chlorinated hydrocarbon pesticides in California bays and estuaries. Modin JC. **Pestic Monit J 3:1-7, Jun 69**

METABOLISM

Tissue localization studies of a DDD analog. DiGiulio W, et al. **J Nucl Med 9:634-7, Dec 68**

METYRAPONE

ADMINISTRATION & DOSAGE

Effect of Metopirone on the rate of cortisol disappearance from plasma. Szeberényi S, et al. **Biochem Pharmacol 18:927-8, Apr 69**

BLOOD

Increased metabolism of metyrapone in rats pretreated with diphenylhydantoin or phenobarbital. Szeberenyi S, et al. **Endocrinology 85:575-6, Sep 69**

DIAGNOSTIC USE

Increased metabolism of metyrapone in rats pretreated with diphenylhydantoin or phenobarbital. Szeberenyi S, et al. **Endocrinology 85:575-6, Sep 69**

Pituitary-adrenal function in arrested hydrocephalus. Franks RC. **J Clin Endocr 29:864-5, Jun 69**

A simplified metyrapone test with determination of plasma 11-deoxycortisol (Metyrapone test with plasma S). Meikle AW, et al. **J Clin Endocr 29:985-7, Jul 69**

Metyrapone and pyrogen tests in hyperadrenocorticism: evaluation of blood corticotropin levels. Litta-Modignani R, et al. **J Endocr 42:245-51, Oct 68**

[A rapid Metopirone test (SU 48-85 Ciba) using plasma analysis (Preliminary note)] Guillemant S, et al. **Ann Biol Clin (Paris) 27:65-73, Jan-Feb 69 (Fre)**

[Anterior pituitary function test] Iwai K, et al. **Jap J Clin Med 27:248-58, Feb 69 (81 ref.) (Jap)**

[Adrenal cortex function tests and their interpretation] Miura K. **Jap J Clin Med 27:278-85, Feb 69 (61 ref.) (Jap)**

METABOLISM

Increased metabolism of metyrapone in rats pretreated with diphenylhydantoin or phenobarbital. Szeberenyi S, et al. **Endocrinology 85:575-6, Sep 69**

PHARMACODYNAMICS

The metopirone test in hypophysectomized dogs with salivary or adrenal gland transplants. Alvarez-Buylla R, et al. **Acta Physiol Lat Amer 17:253-7, 1967**

Effect of Metopirone on the rate of cortisol disappearance from plasma. Szeberényi S, et al. **Biochem Pharmacol 18:927-8, Apr 69**

Normal and abnormal regulation of beta-msh in man. Abe K, et al. **J Clin Invest 48:1580-5, Aug 69**

Plasma corticotrophin levels in primary and secondary adrenocortical insufficiency. Besser GM, et al. **J Endocr 43:x-xi, Jan 69**

Mechanism of induction of ovarian tumors in the mouse by 7,12-dimethylbenz[a]anthracene. V. Effect of metabolic inhibitors. Jull JW. **J Nat Cancer Inst 42:961-6, Jun 69**

The ACTH cells in the adenohypophysis of the Mexican cave fish Anoptichthys jordani, as identified by metopirone (SU 4885) treatment. Matthelj JA. **Z Zellforsch 92:588-95, 1968**

The effect of metopirone and aldactone on the interrenal tissue of intact and pars distalis-ectomized common frogs, Rana temporaria. Van Kemenade JA. **Z Zellforsch 92:567-82, 1968**

[A rapid Metopirone test (SU 48-85 Ciba) using plasma analysis (Preliminary note)] Guillemant S, et al. **Ann Biol Clin (Paris) 27:65-73, Jan-Feb 69 (Fre)**

[Relation between the biosynthesis of cortisol and the level of blood urea in guinea pigs deficient in vitamin C] Rahandraha T. **J Physiol (Paris) 59:Suppl:284, 1967 (Fre)**

THERAPEUTIC USE

Coexisting anterior pituitary and neurohypophyseal insufficiency. A syndrome with diagnostic implication. Martin MM. **Arch Intern Med (Chicago) 123:409-16, Apr 69**

Chronic runt disease in rats: clinical and pathologic studies. Abe T, et al. **J Nat Cancer Inst 43:459-67, Aug 69**

PITUITARY-ADRENAL SYSTEM

A radio-bioassay for corticotrophin. Bukovsan W. **Acta Endocr (Kobenhavn) 61:76-82, May 69**

The adrenal weight of mice with spontaneous adrenocortical lipid depletion. A comparison with untreated, ACTH- and dexamethasone-treated C57B1 mice. Moine K. **Acta Path Microbiol Scand 75:37-50, 1969**

Histometric studies on the adrenal cortex of mice with spontaneous adrenocortical lipid depletion. A comparison with dexamethasone- and ACTH-treated C57B1 mice. Moine K. **Acta Path Microbiol Scand 75:51-63, 1969**

Effect of the median eminence of the pigeon (Columba livia domestica L.) on the regulation of adenohypophysial corticotropin secretion. Péczely P. **Acta Physiol Acad Sci Hung 35:47-57, 1969**

Corticosteroid response to natural and synthetic corticotrophins in the autotransplanted sheep adrenal. France NC, et al. **Endocrinology 85:570-4, Sep 69**

Adrenal sterol metabolism in the hamster following ACTH and cortisol administration. Lloyd BJ. **Endocrinology 85:347-50, Aug 69**

Suppression of the hypothalami- c-pituitary-adrenal axis in the newborn dog. Muelheims GH, et al. **Endocrinology 85:365-7, Aug 69**

Inhibition by dexamethasone of the in vivo pituitary response to corticotropin-releasing factor (CRF). Russell SM, et al. **Endocrinology 85:512-21, Sep 69**

Persistence of a physiological circadian rhythm of plasma-free 11-hydroxycorticosteroid levels in totally

fasting obese subjects. Marti H, et al. **Experientia 25:320-1, 15 Mar 69**

Relationships between brain catecholamine synthesis, pituitary adrenal function and the production of hypertension during prolonged exposure to environmental stress. Smookler HH, et al. **Int J Neuropharmacol 8:33-41, Jan 69**

Metabolic changes in depression. Nistico G, et al. **Lancet 2:159, 19 Jul 69**

Studies on adrenal cortical function in patients with lung cancer. Kawai A, et al. **Metabolism 18:609-19, Jul 69**

Feedback suppression of 'non-stress' pituitary-adrenal function in rats with forebrain removed. Dunn J, et al. **Neuroendocrinology 4:296-308, 1969**

The action of dexamethasone and vasopressin on hypothalamic CRF production and release. Hedge GA, et al. **Neuroendocrinology 4:242-53, 1969**

Nonspecific disease symptoms in the recovery phase and the convalescence of tuberculosis. Radenbach KL. **Scand J Resp Dis Suppl 65:225+, 1968**

[On the function of the diencephalo-hypophyseal-adrenal axis in patients with psoriasis] Sapuppo A, et al. **G Ital Derm 110:8-11, Jan 69 (Ita)**

[Use of sodium oxybutyrate in various surgical interventions] Koriukin VM, et al. **Vestn Khir Grekov 101:78-82, Oct 68 (Rus)**

[Tumors of the hypophysis in Itsenko-Cushing disease] Soskin LS, et al. **Zh Nevropat Psikhiat Korsakov 69:286-92, 1969 (101 ref.) (Rus)**

DRUG EFFECTS

An attempt to explain differences in the hypophyseal-adrenocortical response to repeated stressful stimuli by their dependence on differences in pathways. Stark E, et al. **Acta Med Acad Sci Hung 25:251-60, 1968**

Evaluation of the role of the feedback effect of corticosteroids in the control of pituitary ACTH release. Bohus B. **Acta Physiol Acad Sci Hung 35:141-8, 1969**

Hypothalamo-pituitary-adrenal function in the rat after prolonged treatment with cortisol. Hodges JR, et al. **Brit J Pharmacol 36:489-95, Jul 69**

Relation of cerebrospinal fluid circulation to the ACTH-suppressing effects of corticosteroid implants in the rat brain. Kendall JW, et al. **Endocrinology 85:200-8, Aug 69**

Suppression of the hypothalami- c-pituitary-adrenal axis in the newborn dog. Muelheims GH, et al. **Endocrinology 85:365-7, Aug 69**

Release of ACTH by substances of central nervous system origin. Wied D de, et al. **Endocrinology 85:561-9, Sep 69**

A test for alcoholism? Merry J, et al. **Lancet 2:107-8, 12 Jul 69**

A test for alcoholism? Noble EP, et al. **Lancet 2:107, 12 Jul 69**

[The systemic effects of topical corticoids] Frenk E, et al. **Schweiz Med Wschr 99:845-51, Jun 69 (Fre)**

[On the presence of beta-adrenoreactive systems in the kidney] Anikin GD. **Fiziol Zh SSSR Sechenov 54:857-61, Jul 68 (Rus)**

[The level of 17-oxycorticosteroids in the blood in experiments and in patients with pneumosclerosis after administration of glutamic acid] Zamotaev IP, et al. **Pat Fiziol Eksp Ter 11:72-4, May-Jun 67 (Rus)**

PHYSIOLOGY

An attempt to explain differences in the hypophyseal-adrenocortical response to repeated stressful stimuli by their dependence on differences in pathways. Stark E, et al. **Acta Med Acad Sci Hung 25:251-60, 1968**

Diabetes mellitus. Vallance-Owen J. **Brit J Derm 81:Suppl 2:9-13, 1969 (23 ref.)**

Inhibition of the response to pituitary adrenocorticotrophic hormone in the hypophysectomized rat by circulatory corticosterone. Hill CD, et al. **J Endocr 42:301-9, Oct 68**

Premature parturition after infusion of corticotrophin or cortisol into foetal lambs. Liggins GC. **J Endocr 42:323-9, Oct 68**

Effect of ACTH and hypophysectomy on the interrenal tissue in the common frog, Rana temporaria. Van Kemenade JA. **Z Zellforsch 92:549-66, 1968**

The effect of metopirone and aldactone on the interrenal tissue of intact and pars distalis-ectomized common frogs, Rana temporaria. Van Kemenade JA. **Z Zellforsch 92:567-82, 1968**

[Morphological alterations in the diencephalon and telencephalon following disturbances to the feedback mechanism adenohypophysis-adrenal cortex. 3. Studies on the guinea pig after administration of cortisone and hydrocortisone] Mühlen K aus der, et al. **Z Zellforsch 93:126-41, 1969 (Ger)**

[On the role of some sections of the nervous system and endocrine glands in the development of non-specific resistance of the organism] Rusin VIa. **Fiziol Zh SSSR Sechenov 54:545-53, May 68 (Rus)**

RADIATION EFFECTS

[Leukocytic and glycemic reactions of the body in local single and divided irradiation] Remizova IV. **Radiobiologiia 7:417-21, May-Jun 67 (Rus)**

RENIN

Studies on renin with synthetic substrates. Reinharz A, et al. **Europ J Biochem 7:334-9, Jan 69**

A new type of adenosinetriphosphatase from dog kidney. Suzuki J. **J Biochem (Tokyo) 65:393-400, Mar 69**

F. The relation of complement to other systems. Becker EL. **Proc Roy Soc [Biol] 173:383-92, 1 Jul 69 (35 ref.)**

ANALYSIS

Studies on the role of angiotensin in experimental renovascular hypertension: an immunologic approach. Christlieb AR, et al. **J Clin Invest 48:1506-18, Aug 69**

The renin-angiotensin system in a marsupial (Trichosurus vulpecula). Reid IA, et al. **J Endocr 44:231-40, Jun 69**

Renal juxtaglomerular cell granulation in acute and prolonged increase in renin production induced by hydralazine in the rat. Božović L, et al. **Scand J Urol Nephrol 2:161-4, 1968**

Low temperature preservation of mammalian kidneys. Kemp E, et al. **Scand J Urol Nephrol 2:183-90, 1968**

[Renin and norepinephrine content in arterial tissue from different vascular beds] Rosenthal J, et al. **Pflueger Arch 307:R40, 1969 (Ger)**

ANTAGONISTS & INHIBITORS

The effect of portacaval transposition and renal artery stenosis on the rejection of renal allografts in dogs. Schwartz DT, et al. **J Surg Res 9:455-60, Aug 69**

BIOSYNTHESIS

Effect of inhibitors of protein synthesis on renal pressor factors. Freed SC, et al. **Proc Soc Exp Biol Med 131:365-70, Jun 69**

BLOOD

Reinvestigation of the cause of the increased velocity of reaction between renin and angiotensinogen in plasma from nephrectomised rats. Bing J. **Acta Path Microbiol Scand 75:33-6, 1969**

Circulatory and respiratory effects of different doses of prostaglandin E1 in man. Carlson LA, et al. **Acta Physiol Scand 75:161-9, Jan-Feb 69**

Renovascular hypertension secondary to atherosclerosis. Foster JH, et al. **Amer J Med 46:741-50, May 69**

Clinical application of a simple, specific bioassay technique for measuring renin activity. Cohn JN, et al. **Amer J Med Sci 257:344-51, May 69**

Absence of renin suppression by deoxycorticosterone acetate in rats. Goodwin FJ, et al. **Amer J Physiol 216:1476-80, Jun 69**

Physiologic role of reninlike constituent of submaxillary gland of the mouse. Takeda T, et al. **Amer J Physiol 216:1194-8, May 69**

Metabolic studies, aldosterone secretion rate, and plasma renin after carbenoxolone sodium. Baron JH, et al. **Brit Med J 2:793-5, 28 Jun 69**

Non-tumorous "primary" aldosteronism. I. Type relieved by glucocorticoid (glucocorticoid-remediable aldosteronism). Saiti IS, et al. **Canad Med Ass J 101:1-10, 12 Jul 69**

Alteration by oral contraceptives of normal menstrual changes in plasma renin activity, concentration and substrate. Skinner SL, et al. **Clin Sci 36:67-76, Feb 69**

The renin-angiotensin system and its relation with the electrolyte balance in experimental hypertension. Puchiev A, et al. **Dokl Bolg Akad Nauk 22:353-6, 1969**

Acute effect of overtransfusion of plasma renin activity in the rat. Gordon DB, et al. **Endocrinology 85:341-3, Aug 69**

Re-evaluation of the role of hypovolemia on the release of renin. Meyer P, et al. **Experientia 25:498-9, 15 May 69**

The renin-angiotensin system in a marsupial (Trichosurus vulpecula). Reid IA, et al. **J Endocr 44:231-40, Jun 69**

Postural augmentation of renal vein renin activity. Conn JW. **JAMA 209:417-8, 21 Jul 69**

Effect of sodium depletion on renin activity of renal venous plasma in renovascular hypertension. Vermillion SW, et al. **JAMA 208:2302-6, 23 Jun 69**

Renin release from ischemic kidneys following angiotensin infusion in dogs. Tanaka K, et al. **Jap Circ J 33:235-41, Mar 69**

Pheochromocytoma: observations on mechanism of carbohydrate intolerance and abnormalities associated with development of Goldblatt kidney following removal of tumor. Brooks MH, et al. **Metabolism 18:445-59, Jun 69**

Plasma renin concentration and the control of blood pressure in patients on maintenance haemodialysis. Brown JJ, et al. **Nephron 6:329-49, 1969**

Hypertension with inappropriate aldosterone stimulation. Christlieb AR, et al. **New Eng J Med 281:128-31, 17 Jul 69**

Serum renin levels and postnephrectomy blood pressure. Toussaint C, et al. **New Eng J Med 281:272-3, 31 Jul 69**

The dynamics of the renin-angiotensin system. Vane JR. **Proc Roy Soc [Biol] 173:339-40, 1 Jul 69**

ACTH stimulation and glucocorticoid inhibition of renin release in the rat. Hauger-Klevene JH, et al. **Proc Soc Exp Biol Med 131:539-42, Jun 69**

Renin-aldosterone system in Parkinson's disease. Barbeau A, et al. **Science 165:291-2, 18 Jul 69**

Primary aldosteronism: diagnosis and treatment. Greenlee HB, et al. **Surg Clin N Amer 49:71-85, Feb 69**

Salt-rich diet and experimental renovascular hypertension in the rabbit. Fujii J, et al. **Tohoku J Exp Med 97:191-6, Mar 69**

Circulatory function during chronic hemodialysis. Bower JD, et al. **Trans Amer Soc Artif Intern Organs 15:373-7, 1969**

[Renin and arterial hypertension] Schwartz J, et al. **Presse Med 77:237-40, 8 Feb 69 (Fre)**

[Renovascular hypertension: diagnosis, indications, technics, results] Derom F. **Radiol Clin (Basel) 37:229-52, 1968 (Fre)**

[Intravenous urography in the study of renovascular hypertension] Michel JR. **Radiol Clin (Basel) 37:209-18, 1968 (Fre)**

[Physiopathology of renovascular hypertension] Veyrat R. **Radiol Clin (Basel) 37:194-208, 1968 (Fre)**

[Hypokalemic metabolic alkalosis] Euchenhofer M, et al. **Deutsch Med Wschr 94:1441-7, 11 Jul 69 (Ger)**

[Indications for the determination of blood renin activity] Hodler J. **Deutsch Med Wschr 94:1417-8, 4 Jul 69 (Ger)**

[Effect of saluretics on plasma renin activity in healthy persons] Bocskor A, et al. **Med Welt 42:2256-8, 19 Oct 68 (Ger)**

[Regulation of renin secretion in sodium deficiency] Klaus D, et al. **Med Welt 42:2259-63, 19 Oct 68 (Ger)**

[The importance of primary aldosteronism as cause of "essential" hypertension] Siegenthaler W, et al. **Schweiz Med Wschr 99:825-8, Jun 69 (Ger)**

[The plasma renin activity in decompensated and non-decompensated diabetes insipidus. Simultaneously a contribution to the regulation of renin secretion] Werning C, et al. **Schweiz Med Wschr 99:661-8, May 69 (Ger)**

[Study on the renin-angiotensin-aldosterone system. Effects of sodium restriction and postural changes on plasma renin activity and fluctuation in urinary aldosterone] Kubota K. **Jap Circ J 33:323-32, Mar 69 (Jap)**

[Angiotensin] Fukuchi S, et al. **Jap J Clin Med 27:347-51, Feb 69 (Jap)**

[Renin] Kaneko Y. **Jap J Clin Med 27:400-10, Feb 69 (39 ref.) (Jap)**

[Determination of renin activity in normal and hypertensive patients] Ajzen H, et al. **Arq Brasil Cardiol 22:15-8, Feb 69 (Por)**

ISOLATION & PURIFICATION

The occurrence and assay of renin in human urine. Lumbers ER, et al. **Aust J Exp Biol Med Sci 47:251-62, Apr 69**

Purification of bovine renin. Newsome HH. **Biochim Biophys Acta 185:247-50, 8 Jul 69**

METABOLISM

Absence of renin suppression by deoxycorticosterone acetate in rats. Goodwin FJ, et al. **Amer J Physiol 216:1476-80, Jun 69**

Measurement of renin activity in plasma by a radioimmunoassay for angiotensin I. Hollemans HJ, et al. **Clin Chim Acta 24:353-7, Jun 69**

Studies on the role of angiotensin in experimental renovascular hypertension: an immunologic approach. Christlieb AR, et al. **J Clin Invest 48:1506-18, Aug 69**

Renin release from ischemic kidneys following angiotensin infusion in dogs. Tanaka K, et al. **Jap Circ J 33:235-41, Mar 69**

ACTH stimulation and glucocorticoid inhibition of renin release in the rat. Hauger-Klevene JH, et al. **Proc Soc Exp Biol Med 131:539-42, Jun 69**

[Contribution to the study of the interference of the renin-angiotensin-aldosterone system during the development of chronic alcoholic hepatopathy] Bourel M, et al. **Rev Int Hepat 18:871-94, 1968 (Fre)**

PHARMACODYNAMICS

The influence of the renin-angiotensin system on renal function: possible role in advanced liver disease. Berkowitz HD, et al. **Brit J Surg 56:623, Aug 69**

Antidiuresis in diabetes insipidus. Brown JJ, et al. **Lancet 1:1155, 7 Jun 69**

The prevention of acute renal failure in the rat by long-term saline loading: a possible role of the renin-angiotensin axis. McDonald FD, et al. **Proc Soc Exp Biol Med 131:610-4, Jun 69**

[Angiotensin] Fülgraff G. **Med Welt 17:1001-6, Apr 69 (Ger)**

PHYSIOLOGY

Effects of experimental renal hypertension on aldosterone biosynthesis by rat adrenal tissue. Müller J, et al. **Acta Endocr (Kobenhavn) 60:669-80, Apr 69**

Alteration by oral contraceptives of normal menstrual changes in plasma renin activity, concentration and substrate. Skinner SL, et al. **Clin Sci 36:67-76, Feb 69**

Re-evaluation of the role of hypovolemia on the release of renin. Meyer P, et al. **Experientia 25:498-9, 15 May 69**

Effects of chronic exposure to high altitude on the juxtaglomerular complex and adrenal cortex of dogs, rabbits and rats. Hartroft PM, et al. **Fed Proc 28:1234-7, May-Jun 69**

The renin-angiotensin system in curable hypertension. Haber E. **Mod Conc Cardiovasc Dis 38:17-22, Apr 69**

Sodium metabolism. Earley LE, et al. **New Eng J Med 281:72-86, 10 Jul 69 (135 ref.)**

[Endocrinology] Yoshida H. **Naika 23:40-6, Jan 69 (25 ref.) (Jap)**

[Water and electrolyte metabolism in the kidney, with special reference to the third factor] Yoshitoshi Y, et al. **Saishin Igaku 23:2462-74, 10 Dec 68 (69 ref.) (Jap)**

SECRETION

Metabolic studies, aldosterone secretion rate, and plasma renin after carbenoxolone sodium. Baron JH, et al. **Brit Med J 2:793-5, 28 Jun 69**

Salivary sodium-potassium ratio and plasma renin activity in hypertension. Adlin V, et al. **Circulation 39:685-92, May 69**

Re-evaluation of the role of hypovolemia on the release of renin. Meyer P, et al. **Experientia 25:498-9, 15 May 69**

Renal juxtaglomerular cell granulation in acute and prolonged increase in renin production induced by hydralazine in the rat. Božović L, et al. **Scand J Urol Nephrol 2:161-4, 1968**

Effects of depulsation of renal blood flow upon renal function and renin secretion. Many M, et al. **Surgery 66:242-9, Jul 69**

[Secondary hyperaldosteronisms] Veyrat R, et al. **Presse Med** 77:189-90, 1 Feb 69 **(Fre)**

[The plasma renin activity in decompensated and non-decompensated diabetes insipidus. Simultaneously a contribution to the regulation of renin secretion] Werning C, et al. **Schweiz Med Wschr** 99:661-8, May 69 **(Ger)**

URINE

The occurrence and assay of renin in human urine. Lumbers ER, et al. **Aust J Exp Biol Med Sci** 47:251-62, Apr 69

SPIRONOLACTONE

ADMINISTRATION & DOSAGE

Diuretics. II. Other drugs. **Brit Med J** 3:222-3, 26 Jul 69

ADVERSE EFFECTS

[Diuretics in cirrhosis. Accidents. Indications] Andrieu J, et al. **Presse Med** 77:575-8, 29 Mar 69 **(Fre)**

[Myocardial hyperexcitability in decompensated cardiopathies. Effect of spironolactone] Tourniaire A, et al. **Sem Hop Paris** 45:1388-92, 26 Apr 69 **(Fre)**

PHARMACODYNAMICS

Non-tumorous "primary" aldosteronism: II. Type not relieved by glucocorticoid. Salti IS, et al. **Canad Med Ass J** 101:11-6, 12 Jul 69

Non-tumorous "primary" aldosteronism. I. Type relieved by glucocorticoid (glucocorticoid-remediable aldosteronism). Salti IS, et al. **Canad Med Ass J** 101:1-10, 12 Jul 69

Spironolactone actions, independent of mineralocorticoid blockade. Selye H. **Steroids** 13:803-8, Jun 69

The effect of metopirone and aldactone on the interrenal tissue of intact and pars distalis-ectomized common frogs, Rana temporaria. Van Kemenade JA. **Z Zellforsch** 92:567-82, 1968

[Inhibitions of steroid biosynthesis in the adrenal gland by aminogluthetimide (Elipten CIBA) and its practical significance] Horký K, et al. **Vnitrni Lek** 15:417-25, May 69 **(Cze)**

[Myocardial hyperexcitability in decompensated cardiopathies. Effect of spironolactone] Tourniaire A, et al. **Sem Hop Paris** 45:1388-92, 26 Apr 69 **(Fre)**

[Influence of aldosterone on the exchange and outflow in the human organism of minerals and trace elements relevant to occupational medicine] Szadkowski D, et al. **Int Z Angew Physiol** 27:99-109, 1969 **(Ger)**

[Effect of corticoids on the survival of animals irradiated with supralethal doses] Zsebök ZB, et al. **Strahlentherapie** 135:623-7, May 68 **(Ger)**

THERAPEUTIC USE

The impact of diuretics on chronic liver disease. Steigmann F, et al. **Amer J Gastroent** 52:37-44, Jul 69

The nephrotic syndrome in an elderly woman. An unusual association with an unusual response to therapy. Schneider PJ, et al. **Geriatrics** 24:147-52, Jun 69

Clinical studies on the acid-base balance disturbance in congestive heart failure. Awamura M. **Jap Circ J** 33:275-91, Mar 69

Drug combinations for primary hypertension. **Med Lett Drugs Ther** 10:34-5, 12 Jan 68

[Diuretics in cirrhosis. Accidents. Indications] Andrieu J, et al. **Presse Med** 77:575-8, 29 Mar 69 **(Fre)**

[Myocardial hyperexcitability in decompensated cardiopathies. Effect of spironolactone] Tourniaire A, et al. **Sem Hop Paris** 45:1388-92, 26 Apr 69 **(Fre)**

[Treatment of myasthenia with spironolactone] Sepe O. **Minerva Med** 60:2870-7, 21 Jul 69 **(Ita)**

TRANSCORTIN

A simplified metyrapone test with determination of plasma 11-deoxycortisol (Metyrapone test with plasma S). Meikle AW, et al. **J Clin Endocr** 29:985-7, Jul 69

BLOOD

[Study of the physiological variations of plasma transcortin in woman during pregnancy] Guidollet J, et al. **Presse Med** 77:719-20, 19 Apr 69 **(Fre)**

PHYSIOLOGY

[Study of the physiological variations of plasma transcortin in woman during pregnancy] Guidollet J, et al. **Presse Med** 77:719-20, 19 Apr 69 **(Fre)**

V. Adrenal Medulla

ADRENAL MEDULLA

A specific soluble protein from the catecholamine storage vesicles of bovine adrenal medulla. II. Physical characterization. Kirshner AG, et al. **Biochim Biophys Acta** 181:219-25, May 69

The urinary changes induced in rats by high pitched sound (20 kcyc.-sec.). Ogle CW, et al. **J Endocr** 42:253-60, Oct 68

ANALYSIS

Suprarenal medullary adrenaline in chlorpromazine-treated rats. Vapaatalo HI. **Ann Med Exp Biol Fenn** 46:353-8, 1968

Effect of acetylcholine on the subcellular distribution of 45Ca in bovine adrenal medulla. Borowitz JL. **Biochem Pharmacol** 18:715-23, Apr 69

A specific soluble protein from the catecholamine storage vesicles of bovine adrenal medulla. II. Physical characterization. Kirshner AG, et al. **Biochim Biophys Acta** 181:219-25, May 69

Evidence for the presence of a chromogranin-like protein in bovine splenic nerve granules. Banks P, et al. **Molec Pharmacol** 5:210-2, Mar 69

ANATOMY & HISTOLOGY

Studies in the mechanism of chlorpromazine-induced adrenaline release from bovine adrenal gland. Vapaatalo HI. **Ann Med Exp Biol Fenn** 46:345-52, 1968

Body weight and organ sizes in warmth-adapted and in cold-adapted, hibernating golden hamsters. Smit-Vis JH, et al. **Experientia** 25:156-8, 15 Feb 69

[Follicles of ganglion cells in the adrenal medulla of the (syrian hamster)] Unsicker K. **Z Zellforsch** 95:86-101, 1969 **(Ger)**

[Clinical and metabolic syndrome of pheochromocytomas] Marrama P, et al. **Endocr Sci Cost** 29:289-322, Nov 67 (161 ref.) **(Ita)**

CYTOLOGY

Suprarenal medullary adrenaline in chlorpromazine-treated rats. Vapaatalo HI. **Ann Med Exp Biol Fenn** 46:353-8, 1968

3. Decrease of labeled DNA in cells of the adrenal medulla after intermittent exposure to cold. Pelc SR, et al. **J Cell Biol** 42:460-8, Aug 69

II. Differences in adrenal medulla nuclear DNA content among rats of different strains following intermittent exposure to cold. Tongiani R, et al. **J Cell Biol** 42:452-9, Aug 69

DRUG EFFECTS

Influence of chloride ions and ATP-Mg++ on the release of catecholamines from isolated adrenal medullary granules. Lishajko F. **Acta Physiol Scand** 75:255-6, Jan-Feb 69

Studies in the mechanism of chlorpromazine-induced adrenaline release from bovine adrenal gland. Vapaatalo HI. **Ann Med Exp Biol Fenn** 46:345-52, 1968

Suprarenal medullary adrenaline in chlorpromazine-treated rats. Vapaatalo HI. **Ann Med Exp Biol Fenn** 46:353-8, 1968

Muscarinic component of splanchnic-adrenal transmission in the dog. Kayaalp SO, et al. **Brit J Pharmacol** 36:286-93, Jun 69

[Cardiovascular effects of high doses of thiamine in dogs and cats. Variations in terms of different factors and attempt of explanation] Boissier JR, et al. **Anesth Analg (Paris)** 25:625-36, Nov-Dec 68 **(Fre)**

[Studies on the inhibition of amine liberation from blood platelets and the adrenal medulla] Markwardt F, et al. **Med Exp (Basel)** 18:176-84, 1968 **(Ger)**

EMBRYOLOGY

Development of endocrine function in the human placenta and fetus (first of two parts). Villee DB. **New Eng J Med** 281:473-84, 28 Aug 69 (88 ref.)

ENZYMOLOGY

Effect of acetylcholine on the subcellular distribution of 45Ca in bovine adrenal medulla. Borowitz JL. **Biochem Pharmacol** 18:715-23, Apr 69

A simple assay of dopamine beta-hydroxylase activity in the homogenate of the adrenal medulla. Kuzuya H, et al. **Enzymologia** 36:31-8, 31 Jan 69

Compensatory hypertrophy and phenylethanolamine N-methyl transferase (PNMT) activity in the rat adrenal. Ciaranello RD, et al. **Life Sci** 8:401-7, 1 Apr 69

METABOLISM

Studies in the mechanism of chlorpromazine-induced adrenaline release from bovine adrenal gland. Vapaatalo HI. **Ann Med Exp Biol Fenn** 46:345-52, 1968

Effect of acetylcholine on the subcellular distribution of 45Ca in bovine adrenal medulla. Borowitz JL. **Biochem Pharmacol** 18:715-23, Apr 69

Immunohistochemical evidence for the transport of dopamine-B-hydroxylase and a catecholamine binding protein in sympathetic nerves. Livett BG, et al. **Biochem Pharmacol** 18:923-4, Apr 69

3. Decrease of labeled DNA in cells of the adrenal medulla after intermittent exposure to cold. Pelc SR, et al. **J Cell Biol** 42:460-8, Aug 69

Electron microscopyof human tumors secretin catecholamines: correlation with biochemic data. Greenberg R, et al. **J Neuropath Exp Neurol** 28:475-500, Jul 69

Labeled dopamine concentration in human adrenal medulla and in neuroblastoma. Lieberman LM, et al. **J Nucl Med** 10:93-7, Feb 69

Development of endocrine function in the human placenta and fetus (first of two parts). Villee DB. **New Eng J Med** 281:473-84, 28 Aug 69 (88 ref.)

Adrenal medulla activity in obese people. Krotkiewski M, et al. **Pol Arch Med Wewnet** 42:459-64, 1969

[Clinical and metabolic syndrome of pheochromocytomas] Marrama P, et al. **Endocr Sci Cost** 29:289-322, Nov 67 (161 ref.) **(Ita)**

[Adrenal medulla function test] Yamada R. **Jap J Clin Med** 27:286-90, Feb 69 (14 ref.) **(Jap)**

PATHOLOGY

Electron microscopyof human tumors secretin catecholamines: correlation with biochemic data. Greenberg R, et al. **J Neuropath Exp Neurol** 28:475-500, Jul 69

PHYSIOLOGY

Muscarinic component of splanchnic-adrenal transmission in the dog. Kayaalp SO, et al. **Brit J Pharmacol** 36:286-93, Jun 69

Effect of acute hypoxia on circulating insulin levels. Baum D, et al. **J Clin Endocr** 29:991-4, Jul 69

[On the mechanism of the calorigenic effect of theophylline and caffeine] Strubelt O, et al. **Biochem Pharmacol** 18:1207-20, May 69 **(Ger)**

[Clinical and metabolic syndrome of pheochromocytomas] Marrama P, et al. **Endocr Sci Cost** 29:289-322, Nov 67 (161 ref.) **(Ita)**

[Adrenal medulla function test] Yamada R. **Jap J Clin Med** 27:286-90, Feb 69 (14 ref.) **(Jap)**

[Endocrinology] Yoshida H. **Naika** 23:40-6, Jan 69 (25 ref.) **(Jap)**

PHYSIOPATHOLOGY

Decreased plasma free fatty acids and urinary epinephrine in bronchial asthma. Mathé AA, et al. **New Eng J Med** 281:234-8, 31 Jul 69

SECRETION

On the sympathetic control of ventricular automaticity. The effects of a reflex increase of sympathetic discharge. Stuckey JH, et al.
Amer J Cardiol 23:822-9, Jun 69

Studies in the mechanism of chlorpromazine-induced adrenaline release from bovine adrenal gland. Vapaatalo HI. **Ann Med Exp Biol Fenn 46:345-52, 1968**

The role of adenosine triphosphate and adenosine triphosphatase in the release of catecholamines from the adrenal medulla. 3. Similarities between the effects of adenosine triphosphate on chromaffin granules and on mitochondria. Poisner AM, et al.
Molec Pharmacol 5:294-9, May 69

[Studies on the inhibition of amine liberation from blood platelets and the adrenal medulla] Markwardt F, et al. **Med Exp (Basel) 18:176-84, 1968 (Ger)**

[Adrenal medulla function test] Yamada R.
Jap J Clin Med 27:286-90, Feb 69 (14 ref.) (Jap)

SURGERY

Secretion of pregn-4-ene-3,20-dione (progesterone) in vivo by the adrenal gland of the rat. Holzbauer M, et al.
Nature (London) 221:572-3, 8 Feb 69

CATECHOLAMINES

A specific soluble protein from the catecholamine storage vesicles of bovine adrenal medulla. II. Physical characterization. Kirshner AG, et al.
Biochim Biophys Acta 181:219-25, May 69

Intracranial pheochromocytomas (active glomus jugulare). Case report. Parkinson D.
J Neurosurg 31:94-100, Jul 69

ANALYSIS

Localization of metastatic pheochromocytoma in pregnancy by caval catheterization. Including urinary catecholamine values in uncomplicated pregnancies. Jaffe RB, et al.
Amer J Obstet Gynec 104:939-44, 1 Aug 69

Effects of drugs on behavior, heart rate and catecholamine levels in thiamine-deficient rats. Iwata H, et al. **Europ J Pharmacol 6:83-9, May 69**

Catecholamines and behavior in isolated and grouped mice. Anton AH, et al. **J Psychiat Res 6:211-20, Dec 68**

[On the question of the effect of tetracyclines on the content of catecholamines in the body of rabbits and rats] Aleutskiĭ NN. **Antibiotiki 14:347-51, Apr 69 (Rus)**

[Catecholamine content in organs of animals dead from acute radiation sickness] Kulinskii VI, et al.
Biull Eksp Biol Med 63:59-60, Apr 67 (Rus)

ANTAGONISTS & INHIBITORS

[Studies on the inhibition of amine liberation from blood platelets and the adrenal medulla] Markwardt F, et al. **Med Exp (Basel) 18:176-84, 1968 (Ger)**

BIOSYNTHESIS

Electron microscopyof human tumors secretin catecholamines: correlation with biochemic data. Greenberg R, et al.
J Neuropath Exp Neurol 28:475-500, Jul 69

BLOOD

[On the vasographic diagnosis of intra-and extraadrenal pheochromocytomas] Cernoch Z, et al.
Cesk Radiol 23:123-8, May 69 (Cze)

[Studies on the inhibition of amine liberation from blood platelets and the adrenal medulla] Markwardt F, et al. **Med Exp (Basel) 18:176-84, 1968 (Ger)**

DIAGNOSTIC USE

[Diagnosis of pheochromocytoma of the bladder] Hidalgo F, et al. **Rev Med Chile 97:128-32, Feb 69 (Spa)**

METABOLISM

Effect of acetylcholine on the subcellular distribution of 45Ca in bovine adrenal medulla. Borowitz JL.
Biochem Pharmacol 18:715-23, Apr 69

Pheochromocytoma. Steinwald OP Jr, et al.
Surg Clin N Amer 49:87-98, Feb 69

[Autoradiographic examination with 3H-DOPA regarding the catecholamine metabolism of the carotid body] Helpap B, et al.
Verh Deutsch Ges Path 52:464-9, 1968 (Ger)

PHARMACODYNAMICS

[10 years of progress on studies done on monoamines] Serrano PA. **Gac Med Mex 99:311-26, Mar 69 (Spa)**

PHYSIOLOGY

Effect of acute hypoxia on circulating insulin levels. Baum D, et al. **J Clin Endocr 29:991-4, Jul 69**

SECRETION

On the sympathetic control of ventricular automaticity. The effects of a reflex increase of sympathetic discharge. Stuckey JH, et al.
Amer J Cardiol 23:822-9, Jun 69

Role of catecholamines in centrogenic cardiac arrhythmia induced by aconitine. Bhargava KP, et al.
Brit J Pharmacol 36:240-52, Jun 69

Muscarinic component of splanchnic-adrenal transmission in the dog. Kayaalp SO, et al.
Brit J Pharmacol 36:286-93, Jun 69

Insulin and glucagon responses in subjects with pheochromocytoma: effect of alpha adrenergic blockade. Vance JE, et al. **J Clin Endocr 29:911-6, Jul 69**

The role of adenosine triphosphate and adenosine triphosphatase in the release of catecholamines from the adrenal medulla. 3. Similarities between the effects of adenosine triphosphate on chromaffin granules and on mitochondria. Poisner AM, et al.
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URINE

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Pheochromocytoma: observations on mechanism of carbohydrate intolerance and abnormalities associated with development of Goldblatt kidney following removal of tumor. Brooks MH, et al.
Metabolism 18:445-59, Jun 69

[Some indices of the status of the sympathetic-adrenal system in animals subjected to the prolonged effect of carbon disulfide] Grishko FI.
Gig Tr Prof Zabol 13:46, Apr 69 (Rus)

DOPA

[Autoradiographic examination with 3H-DOPA regarding the catecholamine metabolism of the carotid body] Helpap B, et al.
Verh Deutsch Ges Path 52:464-9, 1968 (Ger)

ANALYSIS

[Presence of dopamine in human adrenal glands] Vandermeulen R, et al.
Rev Franc Etud Clin Biol 14:283-4, Mar 69 (Fre)

URINE

[The use of an adrenalin test in evaluating the functional state of the sympathetic-adrenal system] Kassil' GN, et al.
Biull Eksp Biol Med 67:11-4, Apr 69 (Rus)

DOPAMINE

ANALYSIS

Effects of morphine intoxication on brain catecholamine neurons. Gunne LM, et al.
Europ J Pharmacol 5:338-42, Mar 69

Relationships between brain catecholamine synthesis, pituitary adrenal function and the production of hypertension during prolonged exposure to environmental stress. Smookler HH, et al.
Int J Neuropharmacol 8:33-41, Jan 69

[Presence of dopamine in human adrenal glands] Vandermeulen R, et al.
Rev Franc Etud Clin Biol 14:283-4, Mar 69 (Fre)

ANTAGONISTS & INHIBITORS

Effects of morphine intoxication on brain catecholamine neurons. Gunne LM, et al. Europ J Pharmacol 5:338-42, Mar 69

BIOSYNTHESIS

Effects of morphine intoxication on brain catecholamine neurons. Gunne LM, et al. Europ J Pharmacol 5:338-42, Mar 69

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METABOLISM

Immunohistochemical evidence for the transport of dopamine-B-hydroxylase and a catecholamine binding protein in sympathetic nerves. Livett BG, et al. Biochem Pharmacol 18:923-4, Apr 69

A simple assay of dopamine beta-hydroxylase activity in the homogenate of the adrenal medulla. Kuzuya H, et al. Enzymologia 36:31-8, 31 Jan 69

Labeled dopamine concentration in human adrenal medulla and in neuroblastoma. Lieberman LM, et al. J Nucl Med 10:93-7, Feb 69

URINE

[The use of an adrenalin test in evaluating the functional state of the sympathetic-adrenal system] Kassil' GN, et al. Biull Eksp Biol Med 67:11-4, Apr 69 (Rus)

EPINEPHRINE

ANALYSIS

Suprarenal medullary adrenaline in chlorpromazine-treated rats. Vapaatalo HI. Ann Med Exp Biol Fenn 46:353-8, 1968

Aminotriazole, thyroid function, and catecholamines in nephrogenic hypertension in rats. Fregly MJ, et al. Canad J Physiol Pharmacol 47:407-14, May 69

Effects of morphine intoxication on brain catecholamine neurons. Gunne LM, et al. Europ J Pharmacol 5:338-42, Mar 69

Effects of some organotin compounds on tissue amine levels in rats. Robinson IM. Food Cosmet Toxic 7:47-52, Jan 69

Amphetamine toxicity and brain monoamines in three models of stress. Goldberg ME, et al. Toxic Appl Pharmacol 14:447-56, May 69

[Presence of dopamine in human adrenal glands] Vandermeulen R, et al. Rev Franc Etud Clin Biol 14:283-4, Mar 69 (Fre)

[On the question of the effect of tetracyclines on the content of catecholamines in the body of rabbits and rats] Aleutskii NN. Antibiotiki 14:347-51, Apr 69 (Rus)

[The content of catecholamines in the organs and tissues of white rats during blood transfusion reactions] Giants RM, et al. Biull Eksp Biol Med 67:15-7, Apr 69 (Rus)

[Catecholamine content in organs of animals dead from acute radiation sickness] Kulinskii VI, et al. Biull Eksp Biol Med 63:59-60, Apr 67 (Rus)

BIOSYNTHESIS

Influence of chloride ions and ATP-Mg++ on the release of catecholamines from isolated adrenal medullary granules. Lishajko F. Acta Physiol Scand 75:255-6, Jan-Feb 69

[Clinical and metabolic syndrome of pheochromocytomas] Marrama P, et al. Endocr Sci Cost 29:289-322, Nov 67 (161 ref.) (Ita)

DIAGNOSTIC USE

[The use of an adrenalin test in evaluating the functional state of the sympathetic-adrenal system] Kassil' GN, et al. Biull Eksp Biol Med 67:11-4, Apr 69 (Rus)

METABOLISM

Labeled dopamine concentration in human adrenal medulla and in neuroblastoma. Lieberman LM, et al. J Nucl Med 10:93-7, Feb 69

PHARMACODYNAMICS

Nucleotide inhibition of adenyl cyclase activity in fat cell membranes. Cryer PE, et al. Biochim Biophys Acta 177:586-90, 6 May 69

Nonsteroid, calcitonin-like factor from the adrenal gland. Kaplan EL, et al. Surgery 66:167-74, Jul 69

[On the mechanism of the calorigenic effect of theophylline and caffeine] Strubelt O, et al. Biochem Pharmacol 18:1207-20, May 69 (Ger)

[Clinical and metabolic syndrome of pheochromocytomas] Marrama P, et al. Endocr Sci Cost 29:289-322, Nov 67 (161 ref.) (Ita)

SECRETION

Studies in the mechanism of chlorpromazine-induced adrenaline release from bovine adrenal gland. Vapaatalo HI. Ann Med Exp Biol Fenn 46:345-52, 1968

Effects of some organotin compounds on tissue amine levels in rats. Robinson IM. Food Cosmet Toxic 7:47-52, Jan 69

[Adrenal medulla function test] Yamada R. Jap J Clin Med 27:286-90, Feb 69 (14 ref.) (Jap)

URINE

Adrenal gland activity in Mt. Everest climbers. Siri WE, et al. Fed Proc 28:1251-6, May-Jun 69

Effects of upright posture on renal electrolyte cycles. Vagnucci AH, et al. J Appl Physiol 26:720-31, Jun 69

The urinary changes induced in rats by high pitched sound (20 kcyc.-sec.). Ogle CW, et al. J Endocr 42:253-60, Oct 68

Decreased plasma free fatty acids and urinary epinephrine in bronchial asthma. Mathé AA, et al. New Eng J Med 281:234-8, 31 Jul 69

Sympatho-adrenomedullary activity, diuresis, and emotional reactions during visual sexual stimulation in human females and males. Levi L. Psychosom Med 31:251-68, May-Jun 69

[The use of an adrenalin test in evaluating the functional state of the sympathetic-adrenal system] Kassil' GN, et al. Biull Eksp Biol Med 67:11-4, Apr 69 (Rus)

MANDELIC ACID

URINE

Adrenal medulla activity in obese people. Krotkiewski M, et al. Pol Arch Med Wewnet 42:459-64, 1969

NOREPINEPHRINE

ANALYSIS

Aminotriazole, thyroid function, and catecholamines in nephrogenic hypertension in rats. Fregly MJ, et al. Canad J Physiol Pharmacol 47:407-14, May 69

Effects of morphine intoxication on brain catecholamine neurons. Gunne LM, et al. Europ J Pharmacol 5:338-42, Mar 69

Effect of hydrazinophthalazines on catecholamines in rats. Linet O, et al. Europ J Pharmacol 6:121-4, May 69

Effects of some organotin compounds on tissue amine levels in rats. Robinson IM. Food Cosmet Toxic 7:47-52, Jan 69

Relationships between brain catecholamine synthesis, pituitary adrenal function and the production of hypertension during prolonged exposure to environmental stress. Smookler HH, et al. Int J Neuropharmacol 8:33-41, Jan 69

Simultaneous extraction of tissue norepinephrine and serotonin. Phillips BM, et al. J Pharm Sci 58:572-4, May 69

Catecholamines and behavior in isolated and grouped mice. Anton AH, et al. J Psychiat Res 6:211-20, Dec 68

Evidence for the presence of a chromogranin-like protein in bovine splenic nerve granules. Banks P, et al. Molec Pharmacol 5:210-2, Mar 69

Amphetamine toxicity and brain monoamines in three models of stress. Goldberg ME, et al. Toxic Appl Pharmacol 14:447-56, May 69

[Presence of dopamine in human adrenal glands] Vandermeulen R, et al. Rev Franc Etud Clin Biol 14:283-4, Mar 69 (Fre)

[On the question of the effect of tetracyclines on the content of catecholamines in the body of rabbits and rats] Aleutskii NN. **Antibiotiki** 14:347-51, Apr 69 **(Rus)**

[The content of catecholamines in the organs and tissues of white rats during blood transfusion reactions] Giants RM, et al.
Biull Eksp Biol Med 67:15-7, Apr 69 **(Rus)**

[Catecholamine content in organs of animals dead from acute radiation sickness] Kulinskii VI, et al.
Biull Eksp Biol Med 63:59-60, Apr 67 **(Rus)**

BIOSYNTHESIS

Influence of chloride ions and ATP-Mg++ on the release of catecholamines from isolated adrenal medullary granules. Lishajko F.
Acta Physiol Scand 75:255-6, Jan-Feb 69

Effects of morphine intoxication on brain catecholamine neurons. Gunne LM, et al.
Europ J Pharmacol 5:338-42, Mar 69

Relationships between brain catecholamine synthesis, pituitary adrenal function and the production of hypertension during prolonged exposure to environmental stress. Smookler HH, et al.
Int J Neuropharmacol 8:33-41, Jan 69

[Clinical and metabolic syndrome of pheochromocytomas] Marrama P, et al.
Endocr Sci Cost 29:289-322, Nov 67 (161 ref.) **(Ita)**

METABOLISM

Labeled dopamine concentration in human adrenal medulla and in neuroblastoma. Lieberman LM, et al.
J Nucl Med 10:93-7, Feb 69

PHARMACODYNAMICS

Sweating and peripheral blood flow in patients with phaeochromocytoma. Prout BJ, et al.
Clin Sci 36:109-17, Feb 69

[Beta-receptor-blocking agents and their current clinical significance] Deptalla H, et al.
Deutsch Gesundh 23:2353-63, 12 Dec 68 (50 ref.) **(Ger)**

[Effect of cyclic adenosine-3',5'-monophosphate (3',5'-AMP) and its dibutyryl derivative (DBA) on lipolysis, glycogenolysis and corticosterone synthesis] Bieck P, et al.
Naunyn Schmiedeberg Arch Pharm Exp Path 263:387-405, 1969 **(Ger)**

[Clinical and metabolic syndrome of pheochromocytomas] Marrama P, et al.
Endocr Sci Cost 29:289-322, Nov 67 (161 ref.) **(Ita)**

SECRETION

Effects of some organotin compounds on tissue amine levels in rats. Robinson IM.
Food Cosmet Toxic 7:47-52, Jan 69

[Secondary hyperaldosteronisms] Veyrat R, et al.
Presse Med 77:189-90, 1 Feb 69 **(Fre)**

[Adrenal medulla function test] Yamada R.
Jap J Clin Med 27:286-90, Feb 69 (14 ref.) **(Jap)**

URINE

Adrenal gland activity in Mt. Everest climbers. Siri WE, et al. **Fed Proc** 28:1251-6, May-Jun 69

Effects of upright posture on renal electrolyte cycles. Vagnucci AH, et al. **J Appl Physiol** 26:720-31, Jun 69

Decreased plasma free fatty acids and urinary epinephrine in bronchial asthma. Mathé AA, et al.
New Eng J Med 281:234-8, 31 Jul 69

Sympatho-adrenomedullary activity, diuresis, and emotional reactions during visual sexual stimulation in human females and males. Levi L.
Psychosom Med 31:251-68, May-Jun 69

[The use of an adrenalin test in evaluating the functional state of the sympathetic-adrenal system] Kassil' GN, et al.
Biull Eksp Biol Med 67:11-4, Apr 69 **(Rus)**

PHEOCHROMOCYTOMA

Pheochromocytoma: intra and extra adrenal. A report of two cases. Agran MR, et al.
J Med Soc New Jersey 66:274-6, Jun 69

Pheochromocytoma. Steinwald OP Jr, et al.
Surg Clin N Amer 49:87-98, Feb 69

[2 cases of adrenal pheochromocytoma] Inui S, et al.
Clin Endocr (Tokyo) 17:198-206, Mar 69 **(Jap)**

[Adrenal gland pheochromocytoma in children] Kamińska M, et al. **Pediat Pol** 44:329-31, Mar 69 **(Pol)**

[A case of pheochromocytoma in a pregnancy woman] Zelawska-Bodakiewicz B, et al.
Wiad Lek 22:951-4, 15 May 69 **(Pol)**

[10 years of progress on studies done on monoamines] Serrano PA. **Gac Med Mex** 99:311-26, Mar 69 **(Spa)**

COMPLICATIONS

Myocarditis and phaeochromocytomata. Jepson RP, et al. **Aust New Zeal J Surg** 38:324-8, May 69 (17 ref.)

On the association of pheochromocytoma and cerebellar hemangioblastoma. Nibbelink DW, et al.
Neurology (Minneap) 19:455-60, May 69

[Secondary hyperaldosteronisms] Veyrat R, et al.
Presse Med 77:189-90, 1 Feb 69 **(Fre)**

[Neurologic symptoms in patients with pheochromocytoma] Sack H.
Munchen Med Wschr 111:535-41, 7 Mar 69 **(Ger)**

[Pathogenesis of hypertension in endocrine disorders. I] Fischer V. **Praxis** 56:1418-25 contd, 19 Oct 67 **(Ger)**

[Changes in the fundus oculi in a child with pheochromocytoma before and after surgery] Szafran L. **Klin Oczna** 39:95-8, 1969 **(Pol)**

[Cerebral hemorrhage in a pregnant patient with adrenal pheochromocytoma] Wiesiolek J.
Wiad Lek 22:853-6, 1 May 69 **(Pol)**

DIAGNOSIS

Localization of metastatic pheochromocytoma in pregnancy by caval catheterization. Including urinary catecholamine values in uncomplicated pregnancies. Jaffe RB, et al.
Amer J Obstet Gynec 104:939-44, 1 Aug 69

Intracranial pheochromocytomas (active glomus jugulare). Case report. Parkinson D.
J Neurosurg 31:94-100, Jul 69

Pheochromocytoma. Steinwald OP Jr, et al.
Surg Clin N Amer 49:87-98, Feb 69

[Diagnostic methods in hormonally active sympathetic tumors] Schmid E, et al.
Med Welt 20:859-64 passim, 12 Apr 69 **(Ger)**

[Neurologic symptoms in patients with pheochromocytoma] Sack H.
Munchen Med Wschr 111:535-41, 7 Mar 69 **(Ger)**

[Diagnosis of pheochromocytoma of the bladder] Hidalgo F, et al. **Rev Med Chile** 97:128-32, Feb 69 **(Spa)**

DRUG THERAPY

Propranolol. **Med Lett Drugs Ther** 10:25-7, 12 Jan 68

[Beta-receptor-blocking agents and their current clinical significance] Deptalla H, et al.
Deutsch Gesundh 23:2353-63, 12 Dec 68 (50 ref.) **(Ger)**

[Alpha- and beta-receptors and their pharmacological influencing] Gebhardt W.
Med Klin 64:822-6, 2 May 69 (47 ref.) **(Ger)**

ETIOLOGY

Myocarditis and phaeochromocytomata. Jepson RP, et al. **Aust New Zeal J Surg** 38:324-8, May 69 (17 ref.)

METABOLISM

Electron microscopyof human tumors secretin catecholamines: correlation with biochemic data. Greenberg R, et al.
J Neuropath Exp Neurol 28:475-500, Jul 69

Pheochromocytoma: observations on mechanism of carbohydrate intolerance and abnormalities associated with development of Goldblatt kidney following removal of tumor. Brooks MH, et al.
Metabolism 18:445-59, Jun 69

Pheochromocytoma. Steinwald OP Jr, et al.
Surg Clin N Amer 49:87-98, Feb 69

[Presence of dopamine in human adrenal glands] Vandermeulen R, et al.
Rev Franc Etud Clin Biol 14:283-4, Mar 69 **(Fre)**

[Clinical and metabolic syndrome of pheochromocytomas] Marrama P, et al.
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PATHOLOGY

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Neurology (Minneap) 19:455-60, May 69
[Changes of the fundus oculi in childhood pheochromocytoma] Lommatzsch P, et al.
Ber Deutsch Ophth Ges 68:435-7, 1968 (Ger)
[Clinical and metabolic syndrome of pheochromocytomas] Marrama P, et al.
Endocr Sci Cost 29:289-322, Nov 67 (161 ref.) (Ita)

PHYSIOPATHOLOGY

Sweating and peripheral blood flow in patients with phaeochromocytoma. Prout BJ, et al.
Clin Sci 36:109-17, Feb 69
Insulin and glucagon responses in subjects with pheochromocytoma: effect of alpha adrenergic blockade. Vance JE, et al. J Clin Endocr 29:911-6, Jul 69
Pheochromocytoma. Steinwald OP Jr, et al.
Surg Clin N Amer 49:87-98, Feb 69

RADIOGRAPHY

Arteriography of adrenal neoplasms. Alfidi RJ, et al.
Amer J Roentgen 106:635-41, Jul 69
[On the vasographic diagnosis of intra-and extraadrenal pheochromocytomas] Cernoch Z, et al.
Cesk Radiol 23:123-8, May 69 (Cze)
[Selective arteriography of pheochromocytoma. Apropos of a case] Van de Berg L, et al.
J Belg Radiol 52:25-32, 1969 (Fre)
[Aortographic clarification of renovascular hypertension] Ludin H.
Radiol Clin (Basel) 37:219-28, 1968 (Ger)

SURGERY

Use of lidocaine and procaine in patients with pheochromocytoma. Usubiaga JE, et al.
Anesth Analg (Cleveland) 48:443-53, May-Jun 69
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Insulin and glucagon responses in subjects with pheochromocytoma: effect of alpha adrenergic blockade. Vance JE, et al. J Clin Endocr 29:911-6, Jul 69
Fluroxene anesthesia for pheochromocytoma removal. Joas TA, et al. JAMA 209:927-9, 11 Aug 69
Pheochromocytoma: observations on mechanism of carbohydrate intolerance and abnormalities associated with development of Goldblatt kidney following removal of tumor. Brooks MH, et al.
Metabolism 18:445-59, Jun 69

THERAPY

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URINE

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VANILMANDELIC ACID

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Decreased plasma free fatty acids and urinary epinephrine in bronchial asthma. Mathé AA, et al.
New Eng J Med 281:234-8, 31 Jul 69
Adrenal medulla activity in obese people. Krotkiewski M, et al. Pol Arch Med Wewnet 42:459-64, 1969
[Diagnostic methods in hormonally active sympathetic tumors] Schmid E, et al.
Med Welt 20:859-64 passim, 12 Apr 69 (Ger)

GONADS

I. Physical and Functional Aspects

GONADS

A radiographic jig for the von Rosen view. Smith PB, et al. **Radiography** 35:166-9, Jul 69

ABNORMALITIES

[Diagnosis of primary amenorrhea] Guinet P. **Rev Lyon Med** 17:969-73, 30 Dec 68 **(Fre)**

ANATOMY & HISTOLOGY

The reproductive cycle of Gorgonocephalus caryi (Echinodermata; Ophiuroidea). Patent DH. **Biol Bull** 136:241-52, Apr 69

CYTOLOGY

Nuclear changes of treptional nature in the differentiation of sperm nurse cells in snails. Serra JA, et al. **Canad J Genet Cytol** 9:23-30, Mar 67

[Histological study of mice gonads treated with P32 during their fetal life] Penchansky L, et al. **Medicina (B Air)** 28:Suppl 1:161-4, Dec 68 **(Spa)**

DRUG EFFECTS

[Reversibility of the damage induced in female gonads by cytostatics] Egert G, et al. **Arzneimitteiforschung** 19:1-5, Jan 69 **(Ger)**

EMBRYOLOGY

Developments in sexual organogenesis. Gallien L. **Advances Morph** 6:259-317, 1967 (195 ref.)

[On steroido-3 beta-hydroxysteroid dehydrogenase activity during organogenesis of the gonad in the viper (Vipera aspis L)] Morat-Mesure M. **C R Acad Sci [D] (Paris)** 268:546-9, 20 Jan 69 **(Fre)**

[Embryology of vertebrates. Structure and development of germ cells] Brändle K. **Fortschr Zool** 19:141-93, 1968 **(Ger)**

[Organogenesis of the coelom system in Octopus vulgaris Lam] Marthy HJ. **Rev Suisse Zool** 75:723-63, 1968 **(Ger)**

ENZYMOLOGY

[On steroido-3 beta-hydroxysteroid dehydrogenase activity during organogenesis of the gonad in the viper (Vipera aspis L)] Morat-Mesure M. **C R Acad Sci [D] (Paris)** 268:546-9, 20 Jan 69 **(Fre)**

GROWTH & DEVELOPMENT

A tribute to Samuel L. Siegler, M.D. (1898-1953). (Siegler SL), Siegler HM. **Fertil Steril** 20:529-44, Jul-Aug 69

IMMUNOLOGY

The further characterization of autoantibodies reactive with extra-adrenal steroid-producing cells in patients with adrenal disorders. Irvine WJ, et al. **Clin Exp Immun** 4:489-503, May 69

PATHOLOGY

The phenotype and gonadal histology in XO-XY mosaic individuals: report of two personal cases. Van Campenhout J, et al. **J Obstet Gynaec Brit Comm** 76:631-9, Jul 69

PHYSIOLOGY

Interaction of experience with adrenal and sex hormones on the behaviour of hamsters in the open field test. Swanson HH. **Anim Behav** 17:148-54, Feb 69

Relationships between the pineal gland and the gonads of single and parabiosed golden hamsters. Seibel HR, et al. **J Reprod Fertil** 18:179, Feb 69

[Regional differences in the structure of the infundibular nucleus in birds (Passeriformes)] Oehmke HJ. **Z Zellforsch** 92:406-21, 1968 **(Ger)**

[On the problem of the relation of neurosecretory hypothalamic nuclei to gonadal function] Smollich A. **Z Zellforsch** 95:216-22, 1969 **(Ger)**

PHYSIOPATHOLOGY

Pituitary hormones and the mechanism of induction of liver cancer with N-hydroxy-N-2-fluorenylacetamide. Weisburger JH, et al. **Israel J Med Sci** 4:1223-9, Nov-Dec 68

RADIATION EFFECTS

Interaction of halothane and radiation in mice: possible implications. Bruce DL, et al. **Anesth Analg (Cleveland)** 48:687-94, Jul-Aug 69

Radiotoxicology of tritium and 14C compounds. Vennart J. **Health Phys** 16:429-40, Apr 69

Podiatric roentgenology: some biologic effects and hazards of radiant energy and precautionary measures, including a calculation of gonadal roentgen exposure from a dorsoplantar view. Kalin AG. **J Amer Podiat Ass** 59:215-23, Jun 69

The effects of low radiation doses. Jackson H. **S Afr Med J** 43:548, 3 May 69

[Histological study of mice gonads treated with P32 during their fetal life] Penchansky L, et al. **Medicina (B Air)** 28:Suppl 1:161-4, Dec 68 **(Spa)**

SURGERY

The phenotype and gonadal histology in XO-XY mosaic individuals: report of two personal cases. Van Campenhout J, et al. **J Obstet Gynaec Brit Comm** 76:631-9, Jul 69

GONADS

Ovary

CORPUS LUTEUM

Urinary estrogens and pregnanediol before and after insertion of an intrauterine contraceptive device. Faucher GL, et al.
Amer J Obstet Gynec 104:502-7, 15 Jun 69

Studies on the ovaries of the female camel during the reproductive cycle and in conditio affected with cysts. Abdo MS, et al. **Cornell Vet 59:418-25, Jul 69**

Renewal of oviduct cilia during the menstrual cycle of the rhesus monkey. Brenner RM.
Fertil Steril 20:599-611, Jul-Aug 69

Clomiphene citrate in the treatment of luteal phase defects. Echt CR, et al.
Fertil Steril 20:564-71, Jul-Aug 69

Oestrogen and progesterone content of ovarian vein blood of the ewe during the oestrous cycle. Moore NW, et al. **J Endocr 44:55-62, May 69**

Failure of androgen to affect ovulation and puberty in swine. Stratman FW, et al.
J Reprod Fertil 18:343-5, Mar 69

[Studies on the ovarian functions in cattle before and after delivery] Baier W, et al.
Arch Exp Veterinaermed 21:149-54, 1967 (Ger)

ANALYSIS

Ovarian function after hypophysial stalk transection in the cow. Henricks DM, et al.
Amer J Physiol 216:1213-8, May 69

The relationship between day of formation and functional life span of induced corpora lutea in the pig. Caldwell BV, et al.
J Reprod Fertil 18:107-13, Feb 69

ANATOMY & HISTOLOGY

Oestrus and ovarian histology in the lactating vole (Microtus agrestis). Breed WG.
J Reprod Fertil 18:33-42, Feb 69

Mechanism of action of intra-uterine device in the rabbit uterus. Cavanagh D, et al.
J Reprod Fertil 18:164, Feb 69

Luteolytic and luteotrophic effects of oestrogen in the guinea-pig. Illingworth DV.
J Reprod Fertil 18:548-9, Apr 69

Pituitary LH content during delayed and post-implantation periods in the armadillo (Dasypus novemcinctus). Labhsetwar AP, et al.
J Reprod Fertil 18:383-9, Apr 69

Maintenance of luteal function during unilateral pregnancy in the rat. Strauss JF 3d, et al.
J Reprod Fertil 18:129-32, Feb 69

Reproductive physiology of the post partum cow. I. Clinical and histological findings. Wagner WC, et al.
J Reprod Fertil 18:493-500, Apr 69

[The influence of vitamin A deficiency and overdose on the ovaries of pubescent rats] Geiger C.
Arch Gynaek 206:411-30, 1968 (Ger)

CYTOLOGY

Ovarian secretion of progesterone in relation to the Golgi apparatus in lutein cells during the estrous cycle of the rat. McDonald DM, et al.
Endocrinology 85:236-43, Aug 69

[N-Hydroxylation of aniline and N-ethylaniline by microsomes from various swine tissues] Heinze E, et al.
Naunyn Schmiedeberg Arch Pharm Exp Path 260:138-9, 1968 (Ger)

[On the fine structure of human luteinic cell during some stages of its evolution cycle with special reference to its secretory activity] Motta P.
Biol Lat (Milano) 20:201-24, Jul-Sep 67 (Ita)

DRUG EFFECTS

Mode of action of clomiphene. I. Inhibitory effect of clomiphene citrate on the formation of progesterone from acetate-1-14C by human corpus luteum slices in vitro. Hammerstein J.
Acta Endocr (Kobenhavn) 60:635-44, Apr 69

Luteotrophic activity of rat hypophysial mammotrophin. Ahmad N, et al.
Endocrinology 85:378-80, Aug 69

Regulation of lipid metabolism and progesterone production in rat corpora lutea and ovarian interstitial elements by prolactin and luteinizing hormone. Armstrong DT, et al. **Endocrinology 85:393-401, Sep 69**

Histochemical demonstration of drug interference with progesterone synthesis. Appelgren LE.
J Reprod Fertil 19:185-6, Jun 69

The relationship between day of formation and functional life span of induced corpora lutea in the pig. Caldwell BV, et al.
J Reprod Fertil 18:107-13, Feb 69

Ovulation-inducing action of clomiphene citrate in the rat. Döcke F. **J Reprod Fertil 18:135-7, Feb 69**

Luteolytic and luteotrophic effects of oestrogen in the guinea-pig. Illingworth DV.
J Reprod Fertil 18:548-9, Apr 69

Prolactin-induced morphological luteal regression unaffected by LH. Macdonald GJ, et al.
Proc Soc Exp Biol Med 131:905-7, Jul 69

Effect of melengestrol acetate on ovarian follicles, interstitial gland and corpora lutea in the rat: a quantitative morphological study. Priedkalns J.
Z Zellforsch 93:56-73, 1969

GROWTH & DEVELOPMENT

Development of corpora lutea from follicles autotransplanted under the kidney capsule in rabbits. Keyes PL, et al. **Endocrinology 85:423-7, Sep 69**

Peripheral plasma progesterone levels during the ovine estrous cycle. Stabenfeldt GH, et al.
Endocrinology 85:11-5, Jul 69

METABOLISM

Mode of action of clomiphene. I. Inhibitory effect of clomiphene citrate on the formation of progesterone from acetate-1-14C by human corpus luteum slices in vitro. Hammerstein J.
Acta Endocr (Kobenhavn) 60:635-44, Apr 69

Regulation of lipid metabolism and progesterone production in rat corpora lutea and ovarian interstitial elements by prolactin and luteinizing hormone. Armstrong DT, et al. **Endocrinology 85:393-401, Sep 69**

In vitro biosynthesis of beta-carotene by bovine corpus luteum tissue. Austern BM, et al.
Lipids 4:227-9, May 69

[N-Hydroxylation of aniline and N-ethylaniline by microsomes from various swine tissues] Heinze E, et al.
Naunyn Schmiedeberg Arch Pharm Exp Path 260:138-9, 1968 (Ger)

PHYSIOLOGY

Utero-ovarian relationships in the golden hamster. II. Quantitative and local influences of the uterus on ovarian function. Duby RT, et al. **Acta Endocr (Kobenhavn)** 60:603-10, Apr 69

Utero-ovarian relationships in the golden hamster. I. Ovarian periodicity following hysterectomy. Duby RT, et al. **Acta Endocr (Kobenhavn)** 60:595-602, Apr 69

Utero-ovarian relationships in the golden hamster. 3. Influence of uterine transplants and extracts on ovarian function following hysterectomy. Duby RT, et al. **Acta Endocr (Kobenhavn)** 60:611-20, Apr 69

Ovarian function after hypophysial stalk transection in the cow. Henricks DM, et al. **Amer J Physiol** 216:1213-8, May 69

Plasma progesterone levels in pregnant, pseudopregnant and anestrous ferrets. Carlson IH, et al. **Endocrinology** 85:623-4, Sep 69

Development of corpora lutea from follicles autotransplanted under the kidney capsule in rabbits. Keyes PL, et al. **Endocrinology** 85:423-7, Sep 69

Secretion of the prenidation estrogen surge by the nonluteal ovarian tissues. Kraicer PF. **Endocrinology** 85:177-8, Jul 69

The relationship between day of formation and functional life span of induced corpora lutea in the pig. Caldwell BV, et al. **J Reprod Fertil** 18:107-13, Feb 69

Reproductive biology of an Australian native rat, Mesembriomys gouldii (Gould, 1842). Crichton E. **J Reprod Fertil** 19:389-90, Jul 69

Control of sexual activity in ranch cows by intramuscular and intravaginal administration of progestagens. Hale DH, et al. **J Reprod Fertil** 18:193-6, Mar 69

Effects of intravenous cupric sulphate on hypophysial activity in the female rat. Hiroi M, et al. **J Reprod Fertil** 18:439-44, Apr 69

Studies on the effect of nidation. 35. Effect of removal of corpora lutea on ovo-implantation and pregnancy in the rat. Kraicer PF. **J Reprod Fertil** 18:75-80, Feb 69

Effect of an intra-uterine device on gamete transport and fertilization in the Rhesus monkey. Marston JH, et al. **J Reprod Fertil** 19:149-56, Jun 69

Maintenance of luteal function during unilateral pregnancy in the rat. Strauss JF 3d, et al. **J Reprod Fertil** 18:129-32, Feb 69

The luteo-placental shift, the guardian of pre-natal life. Csapo A. **Postgrad Med J** 45:57-64, Jan 69

Prolactin-induced morphological luteal regression unaffected by LH. Macdonald GJ, et al. **Proc Soc Exp Biol Med** 131:905-7, Jul 69

[The influence of vitamin A deficiency and overdose on the ovaries of pubescent rats] Geiger C. **Arch Gynaek** 206:411-30, 1968 **(Ger)**

[Why does human milk begin to flow 3 days at the earliest following delivey?] Knaus HH. **Med Klin** 63:749-50 passim, 10 May 68 **(Ger)**

SECRETION

Ovarian secretion of progesterone in relation to the Golgi apparatus in lutein cells during the estrous cycle of the rat. McDonald DM, et al. **Endocrinology** 85:236-43, Aug 69

The secretion of steroids from the autotransplanted ovary in the ewe spontaneously and in response to systemic gonadotropin. Baird DT, et al. **J Endocr** 42:283-99, Oct 68

[On the fine structure of human luteinic cell during some stages of its evolution cycle with special reference to its secretory activity] Motta P. **Biol Lat (Milano)** 20:201-24, Jul-Sep 67 **(Ita)**

GRAAFIAN FOLLICLE

Renewal of oviduct cilia during the menstrual cycle of the rhesus monkey. Brenner RM. **Fertil Steril** 20:599-611, Jul-Aug 69

Competitive binding of free and conjugated oestrogens to plasma proteins. Giorgi EP, et al. **J Endocr** 44:219-30, Jun 69

Oestrogen and progesterone content of ovarian vein blood of the ewe during the oestrous cycle. Moore NW, et al. **J Endocr** 44:55-62, May 69

Transport, survival and union of foreign gametes in the genital tract of the rabbit. Baker RD, et al. **J Reprod Fertil** 18:161-2, Feb 69

Pituitary LH content during delayed and post-implantation periods in the armadillo (Dasypus novemcinctus). Labhsetwar AP, et al. **J Reprod Fertil** 18:383-9, Apr 69

In vitro capacitation of hamster spermatozoa by follicular fluid. Yanagimachi R. **J Reprod Fertil** 18:275-86, Mar 69

ANATOMY & HISTOLOGY

Steroid formation in porcine ovarian tissue in vitro. Mode of biosynthesis of androstenedione. Aakvaag A. **Acta Endocr (Kobenhavn)** 60:621-34, Apr 69

Oestrus and ovarian histology in the lactating vole (Microtus agrestis). Breed WG. **J Reprod Fertil** 18:33-42, Feb 69

Reproductive physiology of the post partum cow. I. Clinical and histological findings. Wagner WC, et al. **J Reprod Fertil** 18:493-500, Apr 69

CYTOLOGY

Histochemical study of follicular atresia in the amphibian ovary. Guraya SS. **Acta Biol Acad Sci Hung** 20:43-56, 1969

Effect of melengestrol acetate on ovarian follicles, interstitial gland and corpora lutea in the rat: a quantitative morphological study. Priedkalns J. **Z Zellforsch** 93:56-73, 1969

[Gonadotropins, meiosis, ovulation. Cytophysiology and human applications. II. Meiogenic function of follicular fluid. Electron microscopy. 2. Human ovocyte. Attempt at comparative ultrastructural cytology] Moricard R. **Rev Franc Gynec Obstet** 63:643-94, Dec 68 **(Fre)**

DRUG EFFECTS

Direct effect on the ovary of the adrenergic blocking drug dibenzyline. Ferrando G, et al. **Endocrinology** 85:38-42, Jul 69

Effect of melengestrol acetate on ovarian follicles, interstitial gland and corpora lutea in the rat: a quantitative morphological study. Priedkalns J. **Z Zellforsch** 93:56-73, 1969

ENZYMOLOGY

[Acid phosphatase activity of ovarian follicles in swine] Evranova GB, et al. **Veterinariia** 44:87-9, Apr 67 **(Rus)**

GROWTH & DEVELOPMENT

Regulation of growth of nurse nuclei in the development of egg follicles in Cecidomyiidae (Diptera). Matuszewski B. **Chromosoma** 25:429-69, 1968

METABOLISM

Regulation of growth of nurse nuclei in the development of egg follicles in Cecidomyiidae (Diptera). Matuszewski B. **Chromosoma** 25:429-69, 1968

PATHOLOGY

[Mechanism of postnatal changes of the follicular system in ovaries intrauterine irradiated with small doses] Vorisek P, et al. **Strahlentherapie** 135:602-9, May 68 **(Ger)**

PHYSIOPATHOLOGY

Persistent estrus: an experimental model of the polycystic ovary syndrome. Singh KB. **Obstet Gynec Survey** 24:2-17, Jan 69 (111 ref.)

RADIATION EFFECTS

[Mechanism of postnatal changes of the follicular system in ovaries intrauterine irradiated with small doses] Vorisek P, et al. **Strahlentherapie** 135:602-9, May 68 **(Ger)**

TRANSPLANTATION

Development of corpora lutea from follicles autotransplanted under the kidney capsule in rabbits. Keyes PL, et al. **Endocrinology** 85:423-7, Sep 69

OVARY

Comparison of two immunochemical and three biological methods for the assay of human chorionic gonadotrophin in serum. Baechler C, et al. **Acta Endocr (Kobenhavn)** 61:117-32, May 69

Chorionic gonadotropin excretion during pregnancy in the marmoset, Callithrix jacchus. Hampton JK Jr, et al. **Endocrinology** 85:171-4, Jul 69

Sex-related resistance in hamsters to adenovirus-12 oncogenesis. IV. Gonadal hormone influences. Yohn DS, et al. **J Nat Cancer Inst** 43:133-9, Jul 69

Regional differences with respect to blastocyst survival and implantation effected by location of ligatures in several regions of the rat uterus. Banerjee BN, et al. **J Reprod Fertil** 18:527-9, Apr 69

[Radioimmunologic determination of LH in bovine serum, with special attention to the estrous cycle] Schams D, et al. **Acta Endocr (Kobenhavn)** 61:96-103, May 69 **(Ger)**

[Preliminary observations on the use of clomiphene in subjects with menstrual disorders and sterility] Moneta E. **Ann Ostet Ginec** 89:590-636, Sep 67 **(Ita)**

ABNORMALITIES

[Ovarian malformations. Attempt at classification] Muller P. **Gynec Prat** 19:401-33, 1968 **(Fre)**

[45-XO gonadal dysgenesis with predominantly monolateral manifestation] Lenzi G. **Arch De Vecchi Anat Pat** 50:311-23, Nov 67 **(Ita)**

ANALYSIS

The succinic dehydrogenase and lipid content of follicular and luteal cells of the bovine ovary. Priedkalns J, et al. **Acta Anat (Basel)** 71:542-64, 1968

The hemolymph proteins of the blue crab, Callinectes sapidus. II. A lipoprotein serologically identical to oocyte lipovitellin. Kerr MS. **Develop Biol** 20:1-17, Jul 69

Regulation of lipid metabolism and progesterone production in rat corpora lutea and ovarian interstitial elements by prolactin and luteinizing hormone. Armstrong DT, et al. **Endocrinology** 85:393-401, Sep 69

Testosterone as a mediator of testis development in the foetal hamster. Kent HA, et al. **J Reprod Fertil** 18:171, Feb 69

Ovarian function and progestin content in response to gonadotrophins. Macdonald GJ. **J Reprod Fertil** 19:299-308, Jul 69

[Peculiarities in the dynamics of P32 metabolism in the ovaries] Dobrovol'skiĭ LA. **Med Radiol (Moskva)** 12:65-9, Dec 67 **(Rus)**

ANATOMY & HISTOLOGY

Maintenance of gestation in hypophysectomized rats with highly purified pituitary hormones. Ahmad N, et al. **Anat Rec** 164:291-303, Jul 69

Adaptation of the laying hens (Gallus domesticus) to dietary fat with special reference to changes in liver and ovarian lipid content and liver enzyme activity. Balnave D, et al. **Comp Biochem Physiol** 29:539-50, May 69

The effect of pinealectomy and environmental lighting on the gonadal, thyroid, and total body weight of female Long-Evans rats. Bick RL, et al. **Experientia** 25:531-2, 15 May 69

Consequences of hypothalamic deafferentation in female rats and guinea-pigs. Butler JE, et al. **J Endocr** 43:xx-xxi, Jan 69

Pituitary LH content and reproductive tract changes during the mouse oestrous cycle. Bingel AS, et al. **J Reprod Fertil** 19:215-22, Jul 69

Oestrus and ovarian histology in the lactating vole (Microtus agrestis). Breed WG. **J Reprod Fertil** 18:33-42, Feb 69

Effect of an intra-uterine device on endometrial morphology and the deciduomal reaction in the Rhesus monkey. Kelly WA, et al. **J Reprod Fertil** 19:331-40, Jul 69

Effect of an intra-uterine device on conception and ovulation in the Rhesus monkey. Kelly WA, et al. **J Reprod Fertil** 19:143-8, Jun 69

Pituitary LH content during delayed and post-implantation periods in the armadillo (Dasypus novemcinctus). Labhsetwar AP, et al. **J Reprod Fertil** 18:383-9, Apr 69

Contraceptive mechanism of IUDs. Pakrashi A, et al. **J Reprod Fertil** 19:357-9, Jul 69

Relationships between the pineal gland and the gonads of single and parabiosed golden hamsters. Seibel HR, et al. **J Reprod Fertil** 18:179, Feb 69

Reproductive physiology of the post partum cow. I. Clinical and histological findings. Wagner WC, et al. **J Reprod Fertil** 18:493-500, Apr 69

The onset of the diurnal rhythm in ovarian cholesterol levels in the rat, in relation to the onset of puberty and ovarian and uterine weight changes. Zarrow MX, et al. **Neuroendocrinology** 4:270-7, 1969

Prolactin-induced morphological luteal regression unaffected by LH. Macdonald GJ, et al. **Proc Soc Exp Biol Med** 131:905-7, Jul 69

[Electron microscopic studies of the adenohypophysis following ventromedial hypothalamic lesions in rats] Themann H, et al. **Beitr Path Anat** 139:37-58, 1969 **(Ger)**

BLOOD SUPPLY

Comparison of two immunochemical and three biological methods for the assay of human chorionic gonadotrophin in serum. Baechler C, et al. **Acta Endocr (Kobenhavn)** 61:117-32, May 69

Effect of freezing and thawing and of diluent on the potency of human chorionic gonadotrophin in three methods of bioassay. Borth R, et al. **Acta Endocr (Kobenhavn)** 61:89-95, May 69

Ovarian secretion of progesterone in relation to the Golgi apparatus in lutein cells during the estrous cycle of the rat. McDonald DM, et al. **Endocrinology** 85:236-43, Aug 69

Estrogen secretion by the rat ovary in vivo during the estrous cycle and pregnancy. Yoshinaga K, et al. **Endocrinology** 85:103-12, Jul 69

Competitive binding of free and conjugated oestrogens to plasma proteins. Giorgi EP, et al. **J Endocr** 44:219-30, Jun 69

Oestrogen and progesterone content of ovarian vein blood of the ewe during the oestrous cycle. Moore NW, et al. **J Endocr** 44:55-62, May 69

Ovarian blood flow in sheep during the oestrous cycle. Mattner PE. **J Reprod Fertil** 19:385, Jul 69

[The ovarian vein syndrome] Lubbers EJ. **Nederl T Geneesk** 113:1058-62, 14 Jun 69 **(Dut)**

[Right ovarian vein syndrome] Arvis G, et al. **Gynec Obstet (Paris)** 67:495-502, Nov-Dec 68 **(Fre)**

CYTOLOGY

Histochemical study of follicular atresia in the amphibian ovary. Guraya SS. **Acta Biol Acad Sci Hung** 20:43-56, 1969

Ultrastructural studies on fetal and early postnatal mouse ovaries. II. Cytodifferentiation. Odor DL, et al. **Amer J Anat** 125:177-215, Jun 69

Histological studies of infantile ovaries on autopsy material. Tóth VG, et al. **Arq Brasil Endocr** 17:81-8, Aug 68

Regulation of growth of nurse nuclei in the development of egg follicles in Cecidomyiidae (Diptera). Matuszewski B. **Chromosoma** 25:429-69, 1968

Osteogenetic competence. Urist MR, et al. **Clin Orthop** 64:194-220, May-Jun 69

Nuclear concentration of 3H-estradiol in target tissues. Dry-mount autoradiography of vagina, oviduct, ovary, testis, mammary tumor, liver and adrenal. Stumpf WE. **Endocrinology** 85:31-7, Jul 69

Genetic control of synaptonemal complexes in Drosophila melanogaster. Smith PA, et al. **Genetics** 60:335-51, Oct 68

Mechanism of induction of ovarian tumors in the mouse by 7,12-dimethylbenz[a]anthrace. VI. Effect of normal ovarian tissue on tumor development. Juil JW. **J Nat Cancer Inst** 42:967-72, Jun 69

Radiosensitivity of oocytes in post-natal guinea-pigs. Ioannou JM. **J Reprod Fertil** 18:287-95, Mar 69

Pituitary LH content during delayed and post-implantation periods in the armadillo (Dasypus novemcinctus). Labhsetwar AP, et al. **J Reprod Fertil** 18:383-9, Apr 69

Formation, transport, and storage of ribonucleic acid containing structures in oocytes of Acheta domesticus (Orthoptera). Allen ER, et al. **Z Zellforsch** 92:477-86, 1968

Ultrastructural study on nuclear-cytoplasmic relationships in oocytes of the African lungfish.

Protopterus aethiopicus. I. Nucleolo-cytoplasmic pathways. Scharrer B, et al.
Z Zellforsch 96:325-43, 1969

[Descriptive study of the development of genital apparatus in the embryo of aspic viper (Vipera aspic L.)] Gil-Alvaro MC, et al.
Arch Anat Micr Morph Exp 57:329-44, Oct-Dec 68 (Fre)

[N-Hydroxylation of aniline and N-ethylaniline by microsomes from various swine tissues] Heinze E, et al.
Naunyn Schmiedeberg Arch Pharm Exp Path 260:138-9, 1968 (Ger)

DRUG EFFECTS

Effect of carbon tetrachloride on gonadal physiology in female rats. Chatterjee A.
Acta Anat (Basel) 71:82-6, 1968

Effect of freezing and thawing and of diluent on the potency of human chorionic gonadotrophin in three methods of bioassay. Borth R, et al.
Acta Endocr (Kobenhavn) 61:89-95, May 69

Effects of dopamine on reproductive processes and fetal developmnt in rats. Samojlik E, et al.
Amer J Obstet Gynec 104:578-85, 15 Jun 69

Assessment of ovarian function by stimulation with gonadotrophins. Timonen S, et al.
Ann Chir Gynaec Fenn 57:425-30, 1968

Reversible dissociation into subunits and biological activity of ovine luteinizing hormone. De la Llosa P, et al. Biochim Biophys Acta 181:426-36, 1 Jul 69

Regulation of lipid metabolism and progesterone production in rat corpora lutea and ovarian interstitial elements by prolactin and luteinizing hormone. Armstrong DT, et al. Endocrinology 85:393-401, Sep 69

Cholesterol esterase stimulation by luteinizing hormone in luteinized rat ovaries. Behrman HR, et al.
Endocrinology 85:474-80, Sep 69

Direct effect on the ovary of the adrenergic blocking drug dibenzyline. Ferrando G, et al.
Endocrinology 85:38-42, Jul 69

Antigenic structure of human gonadotropins: contribution of carbohydrate moiety to the antigenic structure of pituitary follicle-stimulating hormone. Mori KF. Endocrinology 85:330-6, Aug 69

Effect of luteinizing hormone, follicle-stimulating hormone and prolactin on steroid secretion by the autotransplanted ovary of the ewe. Baird DT, et al.
J Endocr 43:18-9, Jan 69

Effect of insulin and blood-sugar changes on ascorbic acid values in ovaries and other tissues. Groot CA de.
J Endocr 43:xliv, Jan 69

Ovulation in the guinea-pig. Reed M.
J Endocr 43:22-3, Jan 69

Induction of ovulation in pseudopregnant rats. Rees GP van. J Endocr 43:16-8, Jan 69

The blocking effect of thyroidectomy on adrenal and ovarian hypertrophy produced by aminoglutethimide feeding in rats. Schreiber V, et al.
J Endocr 42:349-50, Oct 68

Effects of prolonged feeding of an ovulation inhibitor (Lyndiol) on ageing of the hypothalamic-ovarian axis and pituitary gland tumorigenesis in rats. Zeilmaker GH. J Endocr 43:xxi-xxii, Jan 69

Mechanism of ovarian cholesterol mobilization by luteinizing hormone. Behrman HR, et al.
J Reprod Fertil 18:162, Feb 69

The assay of follicle-stimulating hormone by the ovarian augmentation test in nine mouse colonies. Bell ET. J Reprod Fertil 18:546, Apr 69

Effect of continued daily injections of oxytocin on oestrous cycle length and reproductive tract morphology in the cow. Donaldson LE.
J Reprod Fertil 18:259-63, Mar 69

Effect of alkane sulphonic esters on ovarian development and function in the rat. Hemsworth BN.
J Reprod Fertil 18:15-20, Feb 69

Ovarian function and progestin content in response to gonadotrophins. Macdonald GJ.
J Reprod Fertil 19:299-308, Jul 69

The duration of an FSH effect in vitro. Ryle M.
J Reprod Fertil 19:349-51, Jul 69

A quantitative in vitro response to follicle-stimulating hormone. Ryle M. J Reprod Fertil 19:87-94, Jun 69

Effect of the inhibition of RNA synthesis on in vitro ovulation by frog ovaries. Yatvin MB, et al.
Nature (London) 223:62, 5 Jul 69

Effect of norethindrone on submandibular glands and dental caries in female rats. Liu FT, et al.
Proc Soc Exp Biol Med 131:331-5, Jun 69

[Ovulen, its effect on the endometrium, uterine cervix and ovary] Muller G, et al.
Gynec Obstet (Paris) 67:521-32, Nov-Dec 68 (Fre)

[The influence of vitamin A deficiency and overdose on the ovaries of pubescent rats] Geiger C.
Arch Gynaek 206:411-30, 1968 (Ger)

[The ovulation inhibitors in clinical practice] Vaglio N.
Minerva Med 60:1522-3, 18 Apr 69 (Ita)

[Contribution to the study of the effects of contraceptives on the genital apparatus] Lecca U, et al. Riv Ital Ginec 51:766-78, Nov 67 (Ita)

[The effect of benzene fumes on the functional activity of the hypophysis, adrenals and ovaries of white rats under experimental conditions] Matysiak VG.
Gig Sanit 33:98-100, Sep 68 (Rus)

EMBRYOLOGY

Ultrastructural studies on fetal and early postnatal mouse ovaries. II. Cytodifferentiation. Odor DL, et al.
Amer J Anat 125:177-215, Jun 69

[Descriptive study of the development of genital apparatus in the embryo of aspic viper (Vipera aspic L.)] Gil-Alvaro MC, et al.
Arch Anat Micr Morph Exp 57:329-44, Oct-Dec 68 (Fre)

ENZYMOLOGY

The succinic dehydrogenase and lipid content of follicular and luteal cells of the bovine ovary. Priedkalns J, et al. Acta Anat (Basel) 71:542-64, 1968

The stromal theca cell and postmenopausal endometrial adenocarcinoma. Fienberg R.
Cancer 24:32-8, Jul 69

Cholesterol esterase stimulation by luteinizing hormone in luteinized rat ovaries. Behrman HR, et al.
Endocrinology 85:474-80, Sep 69

Mechanism of ovarian cholesterol mobilization by luteinizing hormone. Behrman HR, et al.
J Reprod Fertil 18:162, Feb 69

[On steroido-3 beta-hydroxysteroid dehydrogenase activity during organogenesis of the gonad in the viper (Vipera aspis L.)] Morat-Mesure M.
C R Acad Sci [D] (Paris) 268:546-9, 20 Jan 69 (Fre)

[Histochemical observations on the course of beta-hydroxybutyrate dehydrogenase and non specific esterase in whole body irradiated rats] Walther G, et al.
Acta Med Acad Sci Hung 25:225-35, 1968 (Ger)

[The isoenzymes of lactate dehydrogenase in the human uterus and ovary] Armborst V, et al.
Zbl Gynaek 90:1753-64, 28 Dec 68 (Ger)

[Effect of gonadotropin on aminopeptidase activities in the rat ovary] Kaneyoshi A.
Folia Endocr Jap 44:1286-308, 20 Mar 69 (Jap)

GROWTH & DEVELOPMENT

Ultrastructural studies on fetal and early postnatal mouse ovaries. II. Cytodifferentiation. Odor DL, et al.
Amer J Anat 125:177-215, Jun 69

A histochemical study of oogenesis in the sea urchin, Strongylocentrotus purpuratus. Chatlynne LG.
Biol Bull 136:167-84, Apr 69

The reproductive cycle of Gorgonocephalus caryi (Echinodermata; Ophiuroidea). Patent DH.
Biol Bull 136:241-52, Apr 69

Age changes in the weight of the ovary in swine. Bal HS, et al. J Geront 24:157-62, Apr 69

Effect of alkane sulphonic esters on ovarian development and function in the rat. Hemsworth BN.
J Reprod Fertil 18:15-20, Feb 69

IMMUNOLOGY

The further characterization of autoantibodies reactive with extra-adrenal steroid-producing cells in patients with adrenal disorders. Irvine WJ, et al.
Clin Exp Immun 4:489-503, May 69

Purification and immunochemical analysis of a genus-specific cuticular antigen of Toxocara canis. Jeska EL. J Parasit 55:465-71, Jun 69

INNERVATION

The ovarian and hypogastric innervation of the

guinea-pig uterus. Isaac PF, et al.
Europ J Pharmacol 5:384-90, Mar 69
Innervation of ovarian transplants in the domestic hen. Gilbert AB, et al. **J Reprod Fertil** 18:550-1, Apr 69

METABOLISM

Steroid formation in porcine ovarian tissue in vitro. Mode of biosynthesis of androstenedione. Aakvaag A. **Acta Endocr (Kobenhavn)** 60:621-34, Apr 69
Metabolic disorders of the ovary. Lunenfeld B, et al. **Advances Metab Dis** 3:153-207, 1968 (153 ref.)
Adaptation of the laying hens (Gallus domesticus) to dietary fat with special reference to changes in liver and ovarian lipid content and liver enzyme activity. Balnave D, et al.
Comp Biochem Physiol 29:539-50, May 69
Regulation of lipid metabolism and progesterone production in rat corpora lutea and ovarian interstitial elements by prolactin and luteinizing hormone. Armstrong DT, et al. **Endocrinology** 85:393-401, Sep 69
Cholesterol esterase stimulation by luteinizing hormone in luteinized rat ovaries. Behrman HR, et al.
Endocrinology 85:474-80, Sep 69
Ovarian ascorbic acid depleting factors in the chicken hypothalamus. Jackson GL, et al.
Endocrinology 85:113-20, Jul 69
Isolation from human pituitary glands of three discrete electrophoretic components with high luteinizing hormone activity. Peckham WD, et al.
Endocrinology 85:618-22, Sep 69
Nuclear concentration of 3H-estradiol in target tissues. Dry-mount autoradiography of vagina, oviduct, ovary, testis, mammary tumor, liver and adrenal. Stumpf WE. **Endocrinology** 85:31-7, Jul 69
Formation of steroid hormones in the porcine ovary in vitro. Aakvaag A. **J Endocr** 43:xxv-xxvi, Jan 69
Cyclic 3',5'-AMP and ovarian ascorbate depletion. Cooper JM, et al. **J Endocr** 43:xxxix-xl, Jan 69
Secretion of C19-steroids and oestrogens in the polycystic ovary syndrome: production and secretion rates measured by isotope dilution in urine. Jeffcoate SL, et al. **J Endocr** 42:213-28, Oct 68
Secretion of C19-steroids and oestrogens in the polycystic ovary syndrome. Ovarian studies in vivo and in vitro (including studies in vitro on a coincidental granulosa cell tumour). Jeffcoate SL, et al. **J Endocr** 42:229-43, Oct 68
Hormone excretion patterns in perimenopausal women. Papanicolaou AD, et al.
J Endocr 43:xxvi, Jan 69
Pituitary levels of FSH and LH at various intervals after ovariectomy in the rat. Labhsetwar AP.
J Reprod Fertil 18:531-3, Apr 69
The duration of an FSH effect in vitro. Ryle M.
J Reprod Fertil 19:349-51, Jul 69
A quantitative in vitro response to follicle-stimulating hormone. Ryle M. **J Reprod Fertil** 19:87-94, Jun 69
The onset of the diurnal rhythm in ovarian cholesterol levels in the rat, in relation to the onset of puberty and ovarian and uterine weight changes. Zarrow MX, et al.
Neuroendocrinology 4:270-7, 1969
Formation, transport, and storage of ribonucleic acid containing structures in oocytes of Acheta domesticus (Orthoptera). Allen ER, et al.
Z Zellforsch 92:477-86, 1968
Ultrastructural study on nuclear-cytoplasmic relationships in oocytes of the African lungfish. Protopterus aethiopicus. I. Nucleolo-cytoplasmic pathways. Scharrer B, et al.
Z Zellforsch 96:325-43, 1969
Dynamics of the nucleic acids of the thyroid, ovary, testis, pancreas and adrenal glands of animals (rats) of various ages] Tanase I, et al.
G Geront 17:17-22, 2 Mar 68 **(Fre)**
N-Hydroxylation of aniline and N-ethylaniline by microsomes from various swine tissues] Heinze E, et al.
Naunyn Schmiedeberg Arch Pharm Exp Path 260:138-9, 1968 **(Ger)**
Basic metabolic phase in the ovary, in relation to the mechanism of gonadotropic action] Tojo S, et al.
Clin Endocr (Tokyo) 17:119-24, Feb 69 (21 ref.) **(Jap)**

PATHOLOGY

Cytogenetic studies in premature ovarian failure. Boczkowski K, et al.
Amer J Obstet Gynec 104:594-5, 15 Jun 69
The stromal theca cell and postmenopausal endometrial adenocarcinoma. Fienberg R.
Cancer 24:32-8, Jul 69
Termination of pregnancy in the rat with rabbit antibovine LH serum. Loewit KK, et al.
Fertil Steril 20:679-88, Jul-Aug 69
Effect of alkane sulphonic esters on ovarian development and function in the rat. Hemsworth BN.
J Reprod Fertil 18:15-20, Feb 69
[Can one prove a relationship between hirsutism and the morphological changes in the polycystic ovary?] Csaba I, et al.
Acta Med Acad Sci Hung 26:47-56, 1969 **(Ger)**
[The influence of vitamin A deficiency and overdose on the ovaries of pubescent rats] Geiger C.
Arch Gynaek 206:411-30, 1968 **(Ger)**
The nosologic place of the XO-XY mosaicism] Pfeiffer RA, et al.
Arch Gynaek 206:369-410, 1968 (142 ref.) **(Ger)**
[45-XO gonadal dysgenesis with predominantly monolateral manifestation] Lenzi G.
Arch De Vecchi Anat Pat 50:311-23, Nov 67 **(Ita)**

PHYSIOLOGY

Utero-ovarian relationships in the golden hamster. II. Quantitative and local influences of the uterus on ovarian function. Duby RT, et al.
Acta Endocr (Kobenhavn) 60:603-10, Apr 69
Utero-ovarian relationships in the golden hamster. I. Ovarian periodicity following hysterectomy. Duby RT, et al. **Acta Endocr (Kobenhavn)** 60:595-602, Apr 69
Utero-ovarian relationships in the golden hamster. 3. Influence of uterine transplants and extracts on ovarian function following hysterectomy. Duby RT, et al. **Acta Endocr (Kobenhavn)** 60:611-20, Apr 69
Effect of sex hormones on the electrical activity of brain stem and diencephalon in castrated female rats. Endröczi E. **Acta Physiol Acad Sci Hung** 35:31-9, 1969
Ovarian hypertrophy after unilateral ovariectomy in immature testosteronetreated rats. Colombo JA.
Acta Physiol Lat Amer 17:247-9, 1967
Effect of gonadectomy on gonadotrophin secretion in androgenized rats. Studies in parabiosis. Mogulievsky JA, et al. **Acta Physiol Lat Amer** 17:200-3, 1967
Ovarian function after hypophysial stalk transection in the cow. Henricks DM, et al.
Amer J Physiol 216:1213-8, May 69
Differentiation of growth hormone- and prolactin-containing acidophils with peroxidase-labeled antibody. Baker BL, et al.
Anat Rec 164:163-71, Jun 69
Cytoplasmic fine structure during hormonally controlled differentiation in vaginal epithelium. Eddy EM, et al. **Anat Rec** 164:205-17, Jun 69
Assessment of ovarian function by stimulation with gonadotrophins. Timonen S, et al.
Ann Chir Gynaec Fenn 57:425-30, 1968
Amenorrhea associated with emaciation. Timonen S, et al. **Ann Chir Gynaec Fenn** 57:431-5, 1968
Sex differences in hyperphagia and body weight following hypothalamic damage. Valenstein ES, et al.
Ann NY Acad Sci 157:1030-48, 15 May 69
Histological studies of infantile ovaries on autopsy material. Tóth VG, et al.
Arq Brasil Endocr 17:81-8, Aug 68
Development of dormant blastocysts induced by oestrogen in the ovariectomized marsupial, Macropus eugenii. Smith MJ, et al.
Aust J Biol Sci 22:171-80, Feb 69
The reproductive cycle of Gorgonocephalus caryi (Echinodermata; Ophiuroidea). Patent DH.
Biol Bull 136:241-52, Apr 69
Cyclic changes in electrical activity of the rat midbrain reticular formation during the estrous cycle. Terasawa E, et al. **Brain Res** 14:189-98, Jun 69
Maturation of the hypothalamic-pituitary-gonadal negative feedback system. Baker FD, et al.
Endocrinology 85:522-7, Sep 69
Interactions of 6,7-3H-17beta-estradiol with mammary gland and other organs of the C3H mouse in vivo. Puca GA, et al. **Endocrinology** 85:1-10, Jul 69
Biochemical study on the pituitary inhibition of gonadal origin. Lugaro G, et al.
Experientia 25:147-8, 15 Feb 69
Effects of training and 17-B estradiol upon heart rates, organ weights, and ligamentous strength of female rats. Booth FW, et al.
Int Z Angew Physiol 27:187-97, 1969
Systematic plasma progesterone levels during the

pro-oestrous critical period in rats. Feder HH, et al. **J Endocr** 43:xxix, Jan 69

Local effect of the ovary on the uterus of the rat. Little SL, et al. **J Endocr** 43:33-4, Jan 69

Pheromone induced changes in the concentration of anterior pituitary acidophils. Avery TL. **J Reprod Fertil** 18:161, Feb 69

Reproduction in the ferret (Mustela furo). II. Changes following ovariectomy during early pregnancy. Buchanan GD. **J Reprod Fertil** 18:305-16, Mar 69

Innervation of ovarian transplants in the domestic hen. Gilbert AB, et al. **J Reprod Fertil** 18:550-1, Apr 69

Effect of alkane sulphonic esters on ovarian development and function in the rat. Hemsworth BN. **J Reprod Fertil** 18:15-20, Feb 69

Contraceptive action of intra-uterine devices in the ferret. Marston JH, et al. **J Reprod Fertil** 18:419-29, Apr 69

Placental hypertrophy in the rat induced by ovariectomy. Pulkkinen MO, et al. **J Reprod Fertil** 18:125-7, Feb 69

Reproduction in the Uganda defassa waterbuck, Kobus defassa Ugandae Neumann. Spinage CA. **J Reprod Fertil** 18:445-57, Apr 69

Progesterone: role in limitation of ovulation and sex behavior in mammals. Lisk RD. **Trans NY Acad Sci** 31:593-601, May 69

[Effects of castration performed during pregnancy on the structure of the rat pituitary] Desclin L, et al. **Ann Endocr (Paris)** 29:461-4, Jul-Aug 68 **(Fre)**

[Studies on the ovarian functions in cattle before and after delivery] Baier W, et al. **Arch Exp Veterinaermed** 21:149-54, 1967 **(Ger)**

[The endocrinology of puberty and adolescence. The female sex glands] Matsumoto S. **Clin Endocr (Tokyo)** 17:109-12, Feb 69 **(Jap)**

[Ovarian function tests] Akasu F. **Jap J Clin Med** 27:301-5, Feb 69 **(Jap)**

PHYSIOPATHOLOGY

Metabolic disorders of the ovary. Lunenfeld B, et al. **Advances Metab Dis** 3:153-207, 1968 (153 ref.)

Induction of polycystic ovarian disease in rats by continuous light. 3. Mechanism of ovarian compensatory hypertrophy and ovulation after unilateral oophorectomy. Singh KB. **Amer J Obstet Gynec** 104:1008-11, 1 Aug 69

RADIATION EFFECTS

Calculations of the absorbed dose in a phantom from photon fluence and some applications to radiological protection. Sidwell JM, et al. **Brit J Radiol** 42:522-9, Jul 69

The effect of pinealectomy and environmental lighting on the gonadal, thyroid, and total body weight of female Long-Evans rats. Bick RL, et al. **Experientia** 25:531-2, 15 May 69

The effects of low radiation doses. Jackson H. **S Afr Med J** 43:548, 3 May 69

[Mechanism of postnatal changes of the follicular system in ovaries intrauterine irradiated with small doses] Vorisek P, et al. **Strahlentherapie** 135:602-9, May 68 **(Ger)**

[State of the endocrine system in experimental animals with chronic radiation injury] Strel'tsova VN. **Med Radiol (Moskva)** 12:83-92, Oct 67 (35 ref.) **(Rus)**

SECRETION

Secretion of the prenidation estrogen surge by the nonluteal ovarian tissues. Kraicer PF. **Endocrinology** 85:177-8, Jul 69

Estrogen secretion by the rat ovary in vivo during the estrous cycle and pregnancy. Yoshinaga K, et al. **Endocrinology** 85:103-12, Jul 69

The secretion of steroids from the autotransplanted ovary in the ewe spontaneously and in response to systemic gonadotropin. Baird DT, et al. **J Endocr** 42:283-99, Oct 68

Local effect of the ovary on the uterus of the rat. Little SL, et al. **J Endocr** 43:33-4, Jan 69

Oestrogen and progesterone content of ovarian vein blood of the ewe during the oestrous cycle. Moore NW, et al. **J Endocr** 44:55-62, May 69

Pheromone induced changes in the concentration of anterior pituitary acidophils. Avery TL. **J Reprod Fertil** 18:161, Feb 69

Effect of brain stimulation on estrous activity cycle. Hitt JC, et al. **Psychol Rep** 24:59-68, Feb 69

SURGERY

Induction of polycystic ovarian disease in rats by continuous light. 3. Mechanism of ovarian compensatory hypertrophy and ovulation after unilateral oophorectomy. Singh KB. **Amer J Obstet Gynec** 104:1008-11, 1 Aug 69

Maturation of the hypothalamic-pituitary-gonadal negative feedback system. Baker FD, et al. **Endocrinology** 85:522-7, Sep 69

Time sequence of action of estrogen on nucleic acid and protein synthesis in the uterus and blastocyst during delayed implantation in the rat. Dass CM, et al. **Endocrinology** 85:528-36, Sep 69

The adrenal gland and lactogenesis. Davis JW, et al. **Endocrinology** 85:155-60, Jul 69

Development of corpora lutea from follicles autotransplanted under the kidney capsule in rabbits. Keyes PL, et al. **Endocrinology** 85:423-7, Sep 69

Effect of actinomycin D on the inhibitory response of estrogen on LH release. Schally AV, et al. **Endocrinology** 85:290-9, Aug 69

Treatment of complicated intestinal obstructions by use of the Baker tube. Behrend A, et al. **Int Surg** 52:63-7, Jul 69

Pituitary levels of FSH and LH at various intervals after ovariectomy in the rat. Labhsetwar AP. **J Reprod Fertil** 18:531-3, Apr 69

Placental hypertrophy in the rat induced by ovariectomy. Pulkkinen MO, et al. **J Reprod Fertil** 18:125-7, Feb 69

Induction of running activity by intracerebral implants of estrogen in overiectomized rats. Colvin GB, et al. **Neuroendocrinology** 4:309-20, 1969

Results of trans-sphenoidal cryohypophysectomy for carcinoma of the breast. Conway LW, et al. **New Eng J Med** 281:1-7, 3 Jul 69

Infertility. Case AL, et al. **Surg Clin N Amer** 49:121-36, Feb 69 (98 ref.)

[Lutein cyst formation of the ovaries with perforation and acute abdomen following HMG-HCG treatment] Friedrich F, et al. **Wien Klin Wschr** 81:318-20, 2 May 69 **(Ger)**

[Cytohormonal effects of wedge-excision of ovaries in Stein-Leventhal syndrome] Ladygin E, et al. **Ginek Pol** 40:259-68, Mar 69 **(Pol)**

TRANSPLANTATION

Utero-ovarian relationships in the golden hamster. II. Quantitative and local influences of the uterus on ovarian function. Duby RT, et al. **Acta Endocr (Kobenhavn)** 60:603-10, Apr 69

The secretion of steroids from the autotransplanted ovary in the ewe spontaneously and in response to systemic gonadotropin. Baird DT, et al. **J Endocr** 42:283-99, Oct 68

Effect of luteinizing hormone, follicle-stimulating hormone and prolactin on steroid secretion by the autotransplanted ovary of the ewe. Baird DT, et al. **J Endocr** 43:18-9, Jan 69

Effects of prolonged feeding of an ovulation inhibitor (Lyndiol) on ageing of the hypothalamic-ovarian axis and pituitary gland tumorigenesis in rats. Zeilmaker GH. **J Endocr** 43:xxi-xxii, Jan 69

Ovulation-inducing action of clomiphene citrate in the rat. Döcke F. **J Reprod Fertil** 18:135-7, Feb 69

Innervation of ovarian transplants in the domestic hen. Gilbert AB, et al. **J Reprod Fertil** 18:550-1, Apr 69

Progesterone, 20 alpha-hydroxy-delta 4-pregnen-3-one, androstenedione and corticosterone content of portal vein and vena caval blood in rats bearing ovarian grafts to the spleen. Leavitt WW, et al. **J Reprod Fertil** 18:172, Feb 69

Allograft implants in the anterior chamber of the eye of the rabbit. Early vascularization and sensitization of the host. Raju S, et al. **Transplantation** 7:475-83, Jun 69

GONADS

Testis

LEYDIG CELLS

[Elimination of chorionic gonadotropic hormone and luteinizing hormone in newborn infants of normal and toxemic mothers] Levy JM, et al.
Arch Franc Pediat 26:73-7, Jan 69 (Fre)
[Adrenergic innervation in the testis and epididymis of the swam (Cygnus olor)] Baumgarten HG, et al.
Z Zellforsch 91:402-10, 1968 (Ger)

ANALYSIS

Histology and histochemistry of the male accessory glands of the red deer, Cervus elaphus L. Aughey E.
J Reprod Fertil 18:399-407, Apr 69

CYTOLOGY

Submicroscopical aspects in the differentiation of rat fetal Leydig cells. Narbaitz R, et al.
Acta Physiol Lat Amer 17:286-91, 1967
Effect of diethylstilbestrol on enzymes of cryptochid mouse testes of Balb-c mice. Samuels LT, et al.
Endocrinology 85:96-102, Jul 69
[Manifestation of specificity observable by detection of phosphohydrolases in fixed rodent testicular tissue] Dalcq AM.
C R Acad Sci [D] (Paris) 268:1868-73, 9 Apr 69 (Fre)

DRUG EFFECTS

The response of the rat testis to prolonged administration of an androgen antagonist (cyproterone). Mietkiewski K, et al.
Acta Endocr (Kobenhavn) 60:561-70, Apr 69
Effect of diethylstilbestrol on enzymes of cryptochid mouse testes of Balb-c mice. Samuels LT, et al.
Endocrinology 85:96-102, Jul 69
Effect of melengestrol acetate on ovarian follicles, interstitial gland and corpora lutea in the rat: a quantitative morphological study. Priedkalns J.
Z Zellforsch 93:56-73, 1969
[Study of 26 cases of azoospermia and oligoasthenospermia treated by human gonadotropins extracted from the urine of menopausal women (H.M.G.)] Anton JP, et al.
Gynec Obstet (Paris) 67:509-14, Nov-Dec 68 (Fre)

EMBRYOLOGY

Submicroscopical aspects in the differentiation of rat fetal Leydig cells. Narbaitz R, et al.
Acta Physiol Lat Amer 17:286-91, 1967

ENZYMOLOGY

Effect of diethylstilbestrol on enzymes of cryptochid mouse testes of Balb-c mice. Samuels LT, et al.
Endocrinology 85:96-102, Jul 69
[Manifestation of specificity observable by detection of phosphohydrolases in fixed rodent testicular tissue] Dalcq AM.
C R Acad Sci [D] (Paris) 268:1868-73, 9 Apr 69 (Fre)

SERTOLI CELLS

Two types of Sertoli cells in man. Johnsen SG.
Acta Endocr (Kobenhavn) 61:111-6, May 69

ANALYSIS

Glycogen content in the rat testis from postnatal to adult ages. Leiderman B, et al.
Endocrinology 85:607-9, Sep 69
Residual bodies and lipid content of Sertoli cells in the bandicoot. Sapsford CS, et al.
J Reprod Fertil 19:391, Jul 69

CYTOLOGY

Morphological in biopsy specimens of the testis. Re M, et al. **Experientia 25:323-5, 15 Mar 69**
Post-irradiation changes in Sertoli cells. Kochar NK, et al. **J Reprod Fertil 18:265-73, Mar 69**
Residual bodies and lipid content of Sertoli cells in the bandicoot. Sapsford CS, et al.
J Reprod Fertil 19:391, Jul 69
[Manifestation of specificity observable by detection of phosphohydrolases in fixed rodent testicular tissue] Dalcq AM.
C R Acad Sci [D] (Paris) 268:1868-73, 9 Apr 69 (Fre)

ENZYMOLOGY

[Manifestation of specificity observable by detection of phosphohydrolases in fixed rodent testicular tissue] Dalcq AM.
C R Acad Sci [D] (Paris) 268:1868-73, 9 Apr 69 (Fre)

RADIATION EFFECTS

Post-irradiation changes in Sertoli cells. Kochar NK, et al. **J Reprod Fertil 18:265-73, Mar 69**

SECRETION

Do Sertoli cells secrete fluid into the seminiferous tubules? Setchell BP. **J Reprod Fertil 19:391-2, Jul 69**

TESTIS

Attenuation of the hog cholera virus by continuous cell-virus propagation. 3. Growth interference of Newcastle disease virus by attenuated hog cholera virus and its application to virus titration and the neutralization test. Sato U, et al.
Arch Ges Virusforsch 26:1-10, 1969
Some clinical and hormonal effects of testicular biopsy. Georgescu MM, et al. **Fertil Steril 20:612-7, Jul-Aug 69**
Hemorrhage into spermatic cord and testicle simulating incarcerated inguinal hernia. An unusual complication of anticoagulation therapy. Handmaker H, et al. **Illinois Med J 135:697-9, Jun 69**
Sex-related resistance in hamsters to adenovirus-12 oncogenesis. IV. Gonadal hormone influences. Yohn DS, et al. **J Nat Cancer Inst 43:133-9, Jul 69**
Factors affecting the growth of trophoblast transplanted to the testis. Clarke AG.
J Reprod Fertil 18:539-41, Apr 69
Preliminary examination of bull, ram and rabbit spermatozoa with the stereoscan electron microscope. Dott HM. **J Reprod Fertil 18:133-4, Feb 69**
A tonometer for measuring testicular consistency of bulls to predict semen quality. Hahn J, et al.
J Reprod Fertil 18:168, Feb 69
Metabolism of fatty acids by testicular and ejaculated ram spermatozoa. Mills SC, et al.
J Reprod Fertil 18:367-9, Mar 69
Evaluation of the fluorescent antibody--cell culture

test for detection and titration of hog cholera virus. Lin TC, et al.
Nat Inst Anim Health Quart (Tokyo) 9:10-9, Spring 69
Chromosome analysis in the Kruger National Park; a rare translocation chromosome in the Kudu. Wallace C, et al. **S Afr J Med Sci** 33:113-8, Dec 68
[Electron microscopical studies on the development of Coxiella burneti in the testicular tissue of guinea pigs] Linss W, et al.
Arch Ges Virusforsch 26:86-96, 1969 **(Ger)**
[XX-male: a case report] Mori Y, et al.
Jap J Urol 60:279-85, Apr 69 **(Jap)**

ABNORMALITIES

Two types of Sertoli cells in man. Johnsen SG.
Acta Endocr (Kobenhavn) 61:111-6, May 69

ANALYSIS

The effects of vitamin E deficiency on the total fatty acids and the phospholipid fatty acids of rat tissues. Lee DJ, et al. **Brit J Nutr** 23:289-95, Jun 69
Levels of testosterone, androstenedione, estrone and estradiol-17 beta in the testes of fetal sheep. Attal JA.
Endocrinology 85:280-9, Aug 69
Glycogen content in the rat testis from postnatal to adult ages. Leiderman B, et al.
Endocrinology 85:607-9, Sep 69
The simultaneous determination of zinc and cadmium in biological materials by neutron activation analysis. Chueca A, et al. **Int J Appl Radiat** 20:335-40, May 69
Detection and estimation of testosterone in the testes of Tilapia leucosticta (Pisces: Cichlidae). Hyder M, et al. **J Endocr** 44:281-2, Jun 69
Some effects of unilateral cryptorchism and vasectomy on sexual development of the pubescent ram and bull. Skinner JD, et al. **J Endocr** 42:311-21, Oct 68
Changes in testicular cholesterol associated with estrogen induced infertility in male mice. Simmons JE. **J Exp Zool** 170:377-80, Mar 69
Early effects of abdominal temperature on the activity of selected enzymes in rat testes. Schanbacher L, et al.
J Reprod Fertil 18:158, Feb 69
[Experimental animal tracer studies on the effect of catabolic and anabolic active steroids] Meissner J, et al. **Arzneimittelforschung** 19:606-13, Apr 69 **(Ger)**
[Adrenergic innervation in the testis and epididymis of the swam (Cygnus olor)] Baumgarten HG, et al.
Z Zellforsch 91:402-10, 1968 **(Ger)**

ANATOMY & HISTOLOGY

Spermatogenesis in the rabbit following ligation of the epididymidis at different levels. Paufler SK, et al.
Anat Rec 164:339-47, Jul 69
Regulation by FSH and ICSH (LH) of reproductive function in the immature male rat. Lostroh AJ.
Endocrinology 85:438-45, Sep 69
Morphological in biopsy specimens of the testis. Re M, et al. **Experientia** 25:323-5, 15 Mar 69
Body weight and organ sizes in warmth-adapted and in cold-adapted, hibernating golden hamsters. Smit-Vis JH, et al. **Experientia** 25:156-8, 15 Feb 69
Semen quality and testicular function in rabbits following repeated testicular biopsy and unilateral castration. Paufler SK, et al.
Fertil Steril 20:618-25, Jul-Aug 69
Some effects of unilateral cryptorchism and vasectomy on sexual development of the pubescent ram and bull. Skinner JD, et al. **J Endocr** 42:311-21, Oct 68
Testis cycles of a native duck. Braithwaite LW.
J Reprod Fertil 19:390-1, Jul 69
Lymph vascular system of the interstitial tissue of the testis as revealed by electron microscopy. Fawcett DW, et al. **J Reprod Fertil** 19:109-19, Jun 69
Relationships between the pineal gland and the gonads of single and parabiosed golden hamsters. Seibel HR, et al. **J Reprod Fertil** 18:179, Feb 69
Reproduction in the Uganda defassa waterbuck, Kobus defassa Ugandae Neumann. Spinage CA.
J Reprod Fertil 18:445-57, Apr 69
Body growth and development of testes during the first two weeks of postnatal life as affected by the size of the litter. Figarová V, et al.
Physiol Bohemoslov 18:65-70, Jul 69
Spermatogonial stem cell renewal in the rat, mouse and golden hamster. A study with the alkylating agent myleran. Rooij DG de, et al. **Z Zellforsch** 92:400-5, 1968
[Hypophysectomy and spermatogenesis in Poecilia reticulata (Cyprinodontidae fish)] Billard R.
C R Acad Sci [D] (Paris) 268:1856-9, 9 Apr 69 **(Fre)**
[Adrenergic innervation in the testis and epididymis of the swam (Cygnus olor)] Baumgarten HG, et al.
Z Zellforsch 91:402-10, 1968 **(Ger)**
[The influence of pinealectomy on the weight and histologic changes in the testes and adrenals of cockerls] Zadura J, et al.
Acta Physiol Pol 20:117-24, Jan-Feb 69 **(Pol)**
[Morphology and androgenic activity of testicles of rats after surgical thyreoidectomy] Narbutt B, et al.
Endokr Pol 20:223-30, May-Jun 69 **(Pol)**

BLOOD SUPPLY

Interrelation between adrenal function and formation of testosterone in vivo in the testis of the dog. Wassermann GF, et al.
Acta Endocr (Kobenhavn) 61:33-47, May 69
Further observations on the role of varicocele in human male infertility. Macleod J.
Fertil Steril 20:545-63, Jul-Aug 69
Spermatogenesis in rat testes after experimental ischemia. Steinberger E, et al.
Fertil Steril 20:639-49, Jul-Aug 69
Early effects of cadmium and zinc on testis and body temperatures. Johnson AD, et al.
J Reprod Fertil 18:157-8, Feb 69
[Senile changes of the testis with relation to its vascular patterns: a microangiographic and histologic study] Ichijo S. **Jap J Urol** 60:304-12, Apr 69 **(Jap)**

CYTOLOGY

The effect of gonadotropins on testicular adenyl cyclase. Murad F, et al.
Biochim Biophys Acta 177:591-8, 6 May 69
Osteogenetic competence. Urist MR, et al.
Clin Orthop 64:194-220, May-Jun 69
Influence of steroid distribution between microsomes and soluble fraction on steroid metabolism by microsomal enzymes. Matsumoto K, et al.
Endocrinology 85:402-9, Sep 69
Effect of diethylstilbestrol on enzymes of cryptochid mouse testes of Balb-c mice. Samuels LT, et al.
Endocrinology 85:96-102, Jul 69
Nuclear concentration of 3H-estradiol in target tissues. Dry-mount autoradiography of vagina, oviduct, ovary, testis, mammary tumor, liver and adrenal. Stumpf WE. **Endocrinology** 85:31-7, Jul 69
Non-replicating chromatin: its attachment to the nuclear membrane in mealy bugs. Pawlowski PJ, et al.
Exp Cell Res 56:154-6, Jul 69
The effects of amphotericin B on prostatic and testicular function in the dog. Texter JH, et al.
Invest Urol 7:90-106, Jul 69
Cytological deterioration in the adenohypophysial gonadotrophs of Bufo melanostictus during hibernation. Chatterjee A.
J Reprod Fertil 18:165, Feb 69
Post-irradiation changes in Sertoli cells. Kochar NK, et al. **J Reprod Fertil** 18:265-73, Mar 69
Testicular and epididymidal sperm numbers in unilaterally vasoligated rabbits. Swanson LV, et al.
Proc Soc Exp Biol Med 131:763-8, Jul 69
A cinematographic study of meiosis in salamander spermatocytes in vitro. Seto T, et al.
Z Zellforsch 94:407-24, 1969
[Feminization, in culture in vitro, of chick embryo testis by the embryonic testis of the calf] Akram H, et al.
Arch Anat Micr Morph Exp 57:369-78, Oct-Dec 68 **(Fre)**
[Descriptive study of the development of genital apparatus in the embryo of aspic viper (Vipera aspic L.)] Gil-Alvaro MC, et al.
Arch Anat Micr Morph Exp 57:329-44, Oct-Dec 68 **(Fre)**
[Early experiments on the changes in cells and chromosomes in cultures of cells of human tissue and of monkey kidneys following treatment with various additives] Winterhoff H.
Med Welt 42:2468-72, 21 Oct 67 **(Ger)**
[N-Hydroxylation of aniline and N-ethylaniline by microsomes from various swine tissues] Heinze E, et al.
Naunyn Schmiedeberg Arch Pharm Exp Path 260:138-9, 1968 **(Ger)**
[Ovocytes in the testicle of adult toads

thyroidectomized with I-131] Guardabassi A, et al. **Ric Sci** 38:976-9, Oct 68 **(Ita)**

[Senile changes of the testis with relation to its vascular patterns: a microangiographic and histologic study] Ichijo S. **Jap J Urol** 60:304-12, Apr 69 **(Jap)**

DRUG EFFECTS

Enzyme changes in the gerbil testis produced by the administration of an alkylating agent 'Busulphan' (Myleran, 1,4 dimethanesulphonoxybutane). Singh K, et al. **Acta Anat (Basel)** 71:472-80, 1968

The response of the rat testis to prolonged administration of an androgen antagonist (cyproterone). Mietkiewski K, et al. **Acta Endocr (Kobenhavn)** 60:561-70, Apr 69

Monoamine oxidase activity in the testis and epididymis of the rat. Penttilä A, et al. **Ann Med Exp Biol Fenn** 46:557-63, 1968

Regulation by FSH and ICSH (LH) of reproductive function in the immature male rat. Lostroh AJ. **Endocrinology** 85:438-45, Sep 69

Effect of diethylstilbestrol on enzymes of cryptochid mouse testes of Balb-c mice. Samuels LT, et al. **Endocrinology** 85:96-102, Jul 69

The effects of amphotericin B on prostatic and testicular function in the dog. Texter JH, et al. **Invest Urol** 7:90-106, Jul 69

Effect of ATP on ethionine-induced testicular damage in rats. Eyal Z, et al. **Israel J Med Sci** 4:1236-40, Nov-Dec 68

Changes in testicular cholesterol associated with estrogen induced infertility in male mice. Simmons JE. **J Exp Zool** 170:377-80, Mar 69

The direct action of melatonin and serotonin on testicular androgen production in vitro. Ellis LC. **J Reprod Fertil** 18:159, Feb 69

In vivo and in vitro effects of cadmium chloride on carbonic anhydrase activity. Hodgen GD, et al. **J Reprod Fertil** 18:156-7, Feb 69

Early effects of cadmium and zinc on testis and body temperatures. Johnson AD, et al. **J Reprod Fertil** 18:157-8, Feb 69

Testicular development in rats treated with several steroids shortly after birth. Ladosky W, et al. **J Reprod Fertil** 19:247-54, Jul 69

Effects of thyroidectomy or thyroxine on testicular tissue metabolism. Massie ED, et al. **J Reprod Fertil** 18:173-4, Feb 69

Steroid inhibition of cholesteryl sulphate cleavage in vitro by rat testis tissue. Notation AD, et al. **J Reprod Fertil** 18:154-5, Feb 69

Effect of triethylenemelamine (TEM) and cadium chloride on spermatogenesis in rabbits. Paufler SK, et al. **J Reprod Fertil** 19:309-19, Jul 69

Do Sertoli cells secrete fluid into the seminiferous tubules? Setchell BP. **J Reprod Fertil** 19:391-2, Jul 69

Basement membranes. Synthesis and deposition in response to cellular injury. Pierce GB, et al. **Lab Invest** 21:27-41, Jul 69

Spermatogonial stem cell renewal in the rat, mouse and golden hamster. A study with the alkylating agent myleran. Rooij DG de, et al. **Z Zellforsch** 92:400-5, 1968

[Study of 13 cases of urinary elimination of testicular steroids after administration of H.M.G. (human menopausal gonadotropins) and H.C.G. (human chorionic gonadotropins)] Jayle MF, et al. **Gynec Obstet (Paris)** 67:503-8, Nov-Dec 68 **(Fre)**

[Experimental animal tracer studies on the effect of catabolic and anabolic active steroids] Meissner J, et al. **Arzneimittelforschung** 19:606-13, Apr 69 **(Ger)**

[Studies on the effect of 19-nor-17alpha-hydroxyprogesterone caproate on the prostate, seminal vesicles and testis of the rat] Hahn JD, et al. **Naunyn Schmiedeberg Arch Pharm Exp Path** 260:131, 1968 **(Ger)**

[Studies on the understanding of the problem of radiologic-cytostatic combination treatment. I.] Ringleb D. **Strahlentherapie** 135:597-601, May 68 **(Ger)**

[Experimental stress and supply of ascorbic acid] Piroth M. **Verh Deutsch Ges Path** 52:478-80, 1968 **(Ger)**

[Studies on vitamins in the field of urology. (I). Vitamins and gonadal function] Shirai M, et al. **Jap J Urol** 60:321-30, Apr 69 **(Jap)**

EMBRYOLOGY

Levels of testosterone, androstenedione, estrone and estradiol-17 beta in the testes of fetal sheep. Attal JA. **Endocrinology** 85:280-9, Aug 69

Testosterone as a mediator of testis development in the foetal hamster. Kent HA, et al. **J Reprod Fertil** 18:171, Feb 69

[Feminization, in culture in vitro, of chick embryo testis by the embryonic testis of the calf] Akram H, et al. **Arch Anat Micr Morph Exp** 57:369-78, Oct-Dec 68 **(Fre)**

[Descriptive study of the development of genital apparatus in the embryo of aspic viper (Vipera aspic L.)] Gil-Alvaro MC, et al. **Arch Anat Micr Morph Exp** 57:329-44, Oct-Dec 68 **(Fre)**

ENZYMOLOGY

Enzyme changes in the gerbil testis produced by the administration of an alkylating agent 'Busulphan' (Myleran, 1,4 dimethanesulphonoxybutane). Singh K, et al. **Acta Anat (Basel)** 71:472-80, 1968

The response of the rat testis to prolonged administration of an androgen antagonist (cyproterone). Mietkiewski K, et al. **Acta Endocr (Kobenhavn)** 60:561-70, Apr 69

Acid and alkaline phosphatases of the mouse testis at different stages of post-natal development. Russo J. **Acta Physiol Lat Amer** 17:302-8, 1967

Monoamine oxidase activity in the testis and epididymis of the rat. Penttilä A, et al. **Ann Med Exp Biol Fenn** 46:557-63, 1968

Regulation of rat testis steroid sulfatase. A kinetic study. Notation AD, et al. **Biochemistry (Wash)** 8:501-6, Feb 69

The effect of gonadotropins on testicular adenyl cyclase. Murad F, et al. **Biochim Biophys Acta** 177:591-8, 6 May 69

Maternal and fetal effects of two inhibitors of 3 beta-hydroxysteroid dehydrogenase and delta 5-4,3-ketosteroid isomerase in the rat. Goldman AS. **Endocrinology** 85:325-9, Aug 69

Influence of steroid distribution between microsomes and soluble fraction on steroid metabolism by microsomal enzymes. Matsumoto K, et al. **Endocrinology** 85:402-9, Sep 69

Effect of diethylstilbestrol on enzymes of cryptochid mouse testes of Balb-c mice. Samuels LT, et al. **Endocrinology** 85:96-102, Jul 69

In vivo and in vitro effects of cadmium chloride on carbonic anhydrase activity. Hodgen GD, et al. **J Reprod Fertil** 18:156-7, Feb 69

Early effects of abdominal temperature on the activity of selected enzymes in rat testes. Schanbacher L, et al. **J Reprod Fertil** 18:158, Feb 69

[On steroido-3 beta-hydroxysteroid dehydrogenase activity during organogenesis of the gonad in the viper (Vipera aspis L.)] Morat-Mesure M. **C R Acad Sci [D] (Paris)** 268:546-9, 20 Jan 69 **(Fre)**

[Biosynthesis and metabolism of androgens in the testis in puberty] Oshima H. **Clin Endocr (Tokyo)** 17:101-7, Feb 69 **(Jap)**

GROWTH & DEVELOPMENT

Skeletal maturation of Danish school children in relation to height, sexual development, and social conditions. Andersen E. **Acta Paediat Scand Suppl** 185:11+, 1968

Acid and alkaline phosphatases of the mouse testis at different stages of post-natal development. Russo J. **Acta Physiol Lat Amer** 17:302-8, 1967

The reproductive cycle of Gorgonocephalus caryi (Echinodermata; Ophiuroidea). Patent DH. **Biol Bull** 136:241-52, Apr 69

Glycogen content in the rat testis from postnatal to adult ages. Leiderman B, et al. **Endocrinology** 85:607-9, Sep 69

Newer clinical criteria of prematurity. Saigal S, et al. **Indian Pediat** 5:369-78, Aug 68

Effect of combinations of temperature and light on skeletal development and the growth rate of incisors in rats. Nakamoto T, et al. **J Dent Res** 48:461-6, May-Jun 69

Testicular development in rats treated with several steroids shortly after birth. Ladosky W, et al. **J Reprod Fertil** 19:247-54, Jul 69

Body growth and development of testes during the first two weeks of postnatal life as affected by the size of

the litter. Figarová V, et al.
Physiol Bohemoslov 18:65-70, Jul 69
[The influence of pinealectomy on the weight and histologic changes in the testes and adrenals of cockerls] Zadura J, et al.
Acta Physiol Pol 20:117-24, Jan-Feb 69 **(Pol)**

IMMUNOLOGY

The further characterization of autoantibodies reactive with extra-adrenal steroid-producing cells in patients with adrenal disorders. Irvine WJ, et al.
Clin Exp Immun 4:489-503, May 69
Antigenicity of histones: comparative studies on histones with very high lysine content from various sources. Sluyser M, et al.
Immunochemistry 6:494-8, May 69
Early embryo mortality in heifers isoimmunized with semen and conceptus. Menge AC.
J Reprod Fertil 18:67-74, Feb 69

INJURIES

Foreskin and vulva as ancillary tissue pedicle sources. Tuerk M. **Panminerva Med** 11:217-20, Apr 69
[Traumatic hematocele is an indication for surgery] Cukier J, et al. **Presse Med** 77:633-4, 5 Apr 69 **(Fre)**

INNERVATION

[Adrenergic innervation in the testis and epididymis of the swam (Cygnus olor)] Baumgarten HG, et al.
Z Zellforsch 91:402-10, 1968 **(Ger)**

METABOLISM

Interrelation between adrenal function and formation of testosterone in vivo in the testis of the dog. Wassermann GF, et al.
Acta Endocr (Kobenhavn) 61:33-47, May 69
Regulation of rat testis steroid sulfatase. A kinetic study. Notation AD, et al.
Biochemistry (Wash) 8:501-6, Feb 69
The dehydrogenation of 5 beta-cholestane-3-alpha, 7-alpha, 12-alpha, 26-tetrol by rat liver. Okuda K, et al.
Biochim Biophys Acta 176:873-9, 10 Jun 69
Protein transformations during differentiation of trout testis. Dixon GH, et al.
Canad Cancer Conf 8:76-102, 1969
Levels of testosterone, androstenedione, estrone and estradiol-17 beta in the testes of fetal sheep. Attal JA.
Endocrinology 85:280-9, Aug 69
Glycogen content in the rat testis from postnatal to adult ages. Leiderman B, et al.
Endocrinology 85:607-9, Sep 69
Influence of steroid distribution between microsomes and soluble fraction on steroid metabolism by microsomal enzymes. Matsumoto K, et al.
Endocrinology 85:402-9, Sep 69
Nuclear concentration of 3H-estradiol in target tissues. Dry-mount autoradiography of vagina, oviduct, ovary, testis, mammary tumor, liver and adrenal. Stumpf WE. **Endocrinology** 85:31-7, Jul 69
Effect of ATP on ethionine-induced testicular damage in rats. Eyal Z, et al.
Israel J Med Sci 4:1236-40, Nov-Dec 68
The direct action of melatonin and serotonin on testicular androgen production in vitro. Ellis LC.
J Reprod Fertil 18:159, Feb 69
Nucleic acid labelling of experimentally-induced cryptorchid rat testis. Hollinger MA, et al.
J Reprod Fertil 18:325-32, Mar 69
Effects of thyroidectomy or thyroxine on testicular tissue metabolism. Massie ED, et al.
J Reprod Fertil 18:173-4, Feb 69
Steroid inhibition of cholesteryl sulphate cleavage in vitro by rat testis tissue. Notation AD, et al.
J Reprod Fertil 18:154-5, Feb 69
Genetic effects of tritiated thymidine and evidence for its incorporation into a cytoplasmic component of the adult testis of Drosophila melanogaster. Kaplan WD, et al. **Mutat Res** 8:127-38, Jul-Aug 69
Chromatin and histones: binding of tritiated actinomycin D to heterochromatin in mealy bugs. Berlowitz L, et al. **Science** 164:1527-9, 27 Jun 69
[Dynamics of the nucleic acids of the thyroid, ovary, testis, pancreas and adrenal glands of animals (rats) of various ages] Tanase I, et al.
G Geront 17:17-22, 2 Mar 68 **(Fre)**
[N-Hydroxylation of aniline and N-ethylaniline by microsomes from various swine tissues] Heinze E, et al.
Naunyn Schmiedeberg Arch Pharm Exp Path 260:138-9, 1968 **(Ger)**
[The pineal gland, melatonin and testicular steroidogenesis] Balestreri R, et al.
Arch Maragliano Pat Clin 25:119-25, Mar-Apr 69 **(Ita)**
[Biosynthesis and metabolism of androgens in the testis in puberty] Oshima H.
Clin Endocr (Tokyo) 17:101-7, Feb 69 **(Jap)**
[Studies on distribution of antibiotics in the body. Effect of a proteolytic enzyme (Colonase S) on the absorption of chlortetracycline in chickens and rats] Yonezawa S, et al. **Jap J Antibiot** 22:1-7, Feb 69 **(Jap)**

MICROBIOLOGY

Basement membranes. Synthesis and deposition in response to cellular injury. Pierce GB, et al.
Lab Invest 21:27-41, Jul 69
[Studies of the differentiation of adenoviruses from clinically healthy calves] Guenov I, et al.
Zbl Veterinaermed [B] 16:335-40, Jun 69 **(Ger)**

PATHOLOGY

The response of the rat testis to prolonged administration of an androgen antagonist (cyproterone). Mietkiewski K, et al.
Acta Endocr (Kobenhavn) 60:561-70, Apr 69
A new influenza A virus infection in turkeys. V. Pathology of the experimental disease by strain turkey-Ontario 7732-66. Narayan O, et al.
Arch Ges Virusforsch 26:166-82, 1969
Schistosomiasis of the epididymis. Eltayeb AA.
Brit J Surg 56:552-3, Jul 69
Gonadotropin secreting giant cell carcinoma of the lung. Dailey JE, et al. **Cancer** 24:388-96, Aug 69
Spermatocytic seminoma. II. Ultrastructural study. Rosai J, et al. **Cancer** 24:103-16, Jul 69
Spermatocytic seminoma. I. Clinicopathologic study of six cases and review of the literature. Rosai J, et al.
Cancer 24:92-102, Jul 69
Rocky mountain spotted fever. Successful application of new insights into physiologic changes during acute infections to successful management of a severely-ill patient. Feigin RD, et al.
Clin Pediat (Phila) 8:331-43, Jun 69
Spermatogenesis in rat testes after experimental ischemia. Steinberger E, et al.
Fertil Steril 20:639-49, Jul-Aug 69
Endocrinological disturbances in cirrhosis of liver--a clinical, biochemical and histo-pathological study. Mukerjee AB, et al.
J Ass Physicians India 17:173-9, Mar 69
De novo formation and metabolism of steroid hormones in feminizing testes: biochemical and ultrastructural studies. Pérez-Palacios G, et al.
J Clin Endocr 29:786-800, Jun 69
Testicular hypoplasia and XXY sex chromosome complement in two rams: the ovine counterpart of Klinefelter's syndrome in man. Bruere AN, et al.
J Reprod Fertil 19:103-8, Jun 69
In vivo and in vitro effects of cadmium chloride on carbonic anhydrase activity. Hodgen GD, et al.
J Reprod Fertil 18:156-7, Feb 69
Effects of thyroidectomy or thyroxine on testicular tissue metabolism. Massie ED, et al.
J Reprod Fertil 18:173-4, Feb 69
Effects on spermatogenesis in guinea-pigs, rabbits and sheep after their immunization with sexual organ fluids of bulls. Matoušek J.
J Reprod Fertil 19:63-72, Jun 69
Effect of triethylenemelamine (TEM) and cadium chloride on spermatogenesis in rabbits. Paufler SK, et al. **J Reprod Fertil** 19:309-19, Jul 69
A preliminary study of injury and recovery of the male germinal epithelium and spermatogenesis in Macaca mulatta following whole body cobalt-60 gamma irradiation. Roussel JD, et al.
J Reprod Fertil 18:177-8, Feb 69
Basement membranes. Synthesis and deposition in response to cellular injury. Pierce GB, et al.
Lab Invest 21:27-41, Jul 69
Leukemic infiltration of the testes during bone marrow remission. Finklestein JZ, et al.
Pediatrics 43:1042-5, Jun 69
[Hypersensitivity reactions and serum antibodies to spermatozoa autoantigens. Relations to the mechanism of autoimmune aspermatogenic orchitis

Toullet F, et al.
Ann Inst Pasteur (Paris) 116:579-601, May 69 **(Fre)**
[Traumatic hematocele is an indication for surgery] Cukier J, et al. **Presse Med** 77:633-4, 5 Apr 69 **(Fre)**
[Familial male pseudohermaphroditism] Milcou SM, et al. **Rev Franc Endocr Clin** 9:465-75, Nov-Dec 68 **(Fre)**
The nosologic place of the XO-XY mosaicism] Pfeiffer RA, et al.
Arch Gynaek 206:369-410, 1968 (142 ref.) **(Ger)**
[Granulomatous orchitis] Kyrieleis C.
Verh Deutsch Ges Path 52:525-7, 1968 **(Ger)**
[Changes in the testes and epididymis of white rats in avitaminosis A] Bobkov AG.
Biull Eksp Biol Med 63:113-5, Apr 67 **(Rus)**

PHYSIOLOGY

Sex differences in hyperphagia and body weight following hypothalamic damage. Valenstein ES, et al.
Ann NY Acad Sci 157:1030-48, 15 May 69
The reproductive cycle of Gorgonocephalus caryi (Echinodermata; Ophiuroidea). Patent DH.
Biol Bull 136:241-52, Apr 69
Regulation by FSH and ICSH (LH) of reproductive function in the immature male rat. Lostroh AJ.
Endocrinology 85:438-45, Sep 69
The effects of amphotericin B on prostatic and testicular function in the dog. Texter JH, et al.
Invest Urol 7:90-106, Jul 69
Influence of hormones on N-2-fluorenyldiacetamide-induced hyperplastic hepatic nodules in rats. Reuber MD.
J Nat Cancer Inst 43:445-52, Aug 69
Testis cycles of a native duck. Braithwaite LW.
J Reprod Fertil 19:390-1, Jul 69
Seminal composition and sexual activity after castration and testosterone replacement in rabbits. Macmillan KL, et al.
Proc Soc Exp Biol Med 131:673-7, Jun 69
Hormonal regulation of nucleic acid and protein synthesis. O'Malley BW.
Trans NY Acad Sci 31:478-503, May 69
[The influence of weather fronts on rabbit adrenal cortex and testicles] Serban A, et al.
Int J Biometeor 12:359-64, Dec 68 **(Ger)**
[Changes in the hypothalamo-hypophyseo-gonadal system in male rats at the onset of puberty] Ishii S, et al. **Clin Endocr (Tokyo)** 17:113-8, Feb 69 **(Jap)**
[Studies on vitamins in the field of urology. (I). Vitamins and gonadal function] Shirai M, et al.
Jap J Urol 60:321-30, Apr 69 **(Jap)**
[Morphology and androgenic activity of testicles of rats after surgical thyreoidectomy] Narbutt B, et al.
Endokr Pol 20:223-30, May-Jun 69 **(Pol)**

PHYSIOPATHOLOGY

[Changes in the testes and epididymis of white rats in avitaminosis A] Bobkov AG.
Biull Eksp Biol Med 63:113-5, Apr 67 **(Rus)**

RADIATION EFFECTS

Calculations of the absorbed dose in a phantom from photon fluence and some applications to radiological protection. Sidwell JM, et al.
Brit J Radiol 42:522-9, Jul 69
A preliminary study of injury and recovery of the male germinal epithelium and spermatogenesis in Macaca mulatta following whole body cobalt-60 gamma irradiation. Roussel JD, et al.
J Reprod Fertil 18:177-8, Feb 69
Basement membranes. Synthesis and deposition in response to cellular injury. Pierce GB, et al.
Lab Invest 21:27-41, Jul 69
[Studies on the understanding of the problem of radiologic-cytostatic combination treatment. I.] Ringleb D. **Strahlentherapie** 135:597-601, May 68 **(Ger)**
[On the dependence of the maximum permissible exposure level on the energy of x-ray or gamma irradiation] Bronshtein IE, et al.
Gig Sanit 32:47-50, Sep 67 **(Rus)**
[State of the endocrine system in experimental animals with chronic radiation injury] Strel'tsova VN.
Med Radiol (Moskva) 12:83-92, Oct 67 (35 ref.) **(Rus)**

SECRETION

[Study of 13 cases of urinary elimination of testicular steroids after administration of H.M.G. (human menopausal gonadotropins) and H.C.G. (human chorionic gonadotropins)] Jayle MF, et al.
Gynec Obstet (Paris) 67:503-8, Nov-Dec 68 **(Fre)**

SURGERY

Semen quality and testicular function in rabbits following repeated testicular biopsy and unilateral castration. Paufler SK, et al.
Fertil Steril 20:618-25, Jul-Aug 69

TRANSPLANTATION

Early effects of abdominal temperature on the activity of selected enzymes in rat testes. Schanbacher L, et al.
J Reprod Fertil 18:158, Feb 69

II. Disorders of the Gonads

ARRHENOBLASTOMA

Arrhenoblastoma: case report. Bailey RR.
New Zeal Med J 69:230-1, Apr 69

BRENNER TUMOR

OCCURRENCE

Bilateral Brenner tumors of the ovary. Gifford RR, et al.
J Med Ass Georgia 58:145-51, Apr 69

PATHOLOGY

Bilateral Brenner tumors of the ovary. Gifford RR, et al.
J Med Ass Georgia 58:145-51, Apr 69

CORPUS LUTEUM CYST

CHEMICALLY INDUCED

[Lutein cyst formation of the ovaries with perforation and acute abdomen following HMG-HCG treatment] Friedrich F, et al.
Wien Klin Wschr 81:318-20, 2 May 69 (Ger)

COMPLICATIONS

[Coincidence of extrauterine tubal pregnancy and hemorrhagic cyst of the corpus luteum of the ovary] Balash A, et al.
Akush Ginek (Sofiia) 7:376-7, 1968 (Bul)

[Lutein cyst formation of the ovaries with perforation and acute abdomen following HMG-HCG treatment] Friedrich F, et al.
Wien Klin Wschr 81:318-20, 2 May 69 (Ger)

ETIOLOGY

Induction of polycystic ovarian disease in rats by continuous light. 3. Mechanism of ovarian compensatory hypertrophy and ovulation after unilateral oophorectomy. Singh KB.
Amer J Obstet Gynec 104:1008-11, 1 Aug 69

Induction of polycystic ovarian disease in rats by continuous light. II. Observations on mating, pregnancy, and the postpartum period. Singh KB.
Amer J Obstet Gynec 104:1004-7, 1 Aug 69

PHYSIOPATHOLOGY

Induction of polycystic ovarian disease in rats by continuous light. 3. Mechanism of ovarian compensatory hypertrophy and ovulation after unilateral oophorectomy. Singh KB.
Amer J Obstet Gynec 104:1008-11, 1 Aug 69

SURGERY

[Lutein cyst formation of the ovaries with perforation and acute abdomen following HMG-HCG treatment] Friedrich F, et al.
Wien Klin Wschr 81:318-20, 2 May 69 (Ger)

VETERINARY

[Determination of progesterone in tissue of bovine luteal cysts using gas chromatography] Hoffmann B.
Deutsch Tieraerztl Wschr 76:287-9, 1 Jun 69 (Ger)

CRYPTORCHISM

CHEMICALLY INDUCED

Prolonged gestation in the rat and its usefulness in experimental teratology. Barrow MV, et al.
Teratology 2:125-35, May 69

[Stimulation by postnatal estrogen treatment of female genital structures obtained in male adult mice by injection of estradiol in the pregnant mother] Jean C, et al. J Physiol (Paris) 59:Suppl:246-7, 1967 (Fre)

CLASSIFICATION

[Treatment of testicular malposition] Becker H, et al.
Med Klin 64:644-8, 4 Apr 69 (Ger)

COMPLICATIONS

Torsion of an intra-abdominal testicle. A case report. Pessi TT. Ann Chir Gynaec Fenn 57:557-9, 1968

The Prader-Labhart-Willi syndrome. Evans PR.
Develop Med Child Neurol 11:380-2, Jun 69

Maldescended testicles. Mack WS.
Practitioner 202:665, May 69

[Basocellular nevomatosis. Combination of basocellular nevi of the skin, maxillary epidermoid cysts, bone malformations and other anomalies. 7 cases] Cernéa P, et al.
Rev Stomat (Paris) 70:181-226, Apr-May 69 (Fre)

DIAGNOSIS

[Treatment of testicular malposition] Becker H, et al.
Med Klin 64:644-8, 4 Apr 69 (Ger)

DRUG THERAPY

The effect of exogenous human chorionic gonadotrophin on steroid excretion in the newborn. Lauritzen C, et al.
Acta Endocr (Kobenhavn) 61:83-8, May 69

[Problems of human propagation from the viewpoint of the andrologist] Niermann H.
Hippokrates 39:845-8, 30 Nov 68 (Ger)

[Treatment of testicular malposition] Becker H, et al.
Med Klin 64:644-8, 4 Apr 69 (Ger)

[Treatment of cryptorchism in puberty] Hecker WC.
Med Klin 64:563-4, 21 Mar 69 (Ger)

ENZYMOLOGY

Effect of diethylstilbestrol on enzymes of cryptochid mouse testes of Balb-c mice. Samuels LT, et al.
Endocrinology 85:96-102, Jul 69

Some effects of unilateral cryptorchism and vasectomy on sexual development of the pubescent ram and bull. Skinner JD, et al. J Endocr 42:311-21, Oct 68

ETIOLOGY

Early effects of cadmium and zinc on testis and body temperatures. Johnson AD, et al.
J Reprod Fertil 18:157-8, Feb 69

[Treatment of testicular malposition] Becker H, et al.
Med Klin 64:644-8, 4 Apr 69 (Ger)

FAMILIAL & GENETIC

Hereditary cryptorchidism. Perrett LJ, et al.
Med J Aust 1:1289-90, 21 Jun 69

METABOLISM

Some effects of unilateral cryptorchism and vasectomy on sexual development of the pubescent ram and bull. Skinner JD, et al. J Endocr 42:311-21, Oct 68

Nucleic acid labelling of experimentally-induced cryptorchid rat testis. Hollinger MA, et al.
J Reprod Fertil 18:325-32, Mar 69

PATHOLOGY

Case report. Bilateral sertoli cell tumour in a canine cryptorchid with accompanying pathological lesions. Lindo DE, et al. Canad Vet J 10:145-7, May 69

PHYSIOPATHOLOGY

Some effects of unilateral cryptorchism and vasectomy on sexual development of the pubescent ram and bull. Skinner JD, et al. J Endocr 42:311-21, Oct 68

RADIOGRAPHY

[Venography in varicocoele and cryptorchism in children] Zubkov BA, et al.
Vestn Khir Grekov 102:140-2, Jan 69 (Rus)

SURGERY

Hereditary cryptorchidism. Perrett LJ, et al.
Med J Aust 1:1289-90, 21 Jun 69
Maldescended testicles. Mack WS.
Practitioner 202:665, May 69
[Contribution ot the surgical treatment of abdominal cryptorchism] Dobrev Ts, et al.
Khirurgiia (Sofiia) 21:382-9, 1968 (Bul)
[On the treatment of inguinal hernia in childhood. Experiences of 2502 cases] Hecker WC, et al.
Bruns Beitr Klin Chir 216:687-92, Dec 68 (Ger)
[Treatment of testicular malposition] Becker H, et al.
Med Klin 64:644-8, 4 Apr 69 (Ger)
[Treatment of cryptorchism in puberty] Hecker WC.
Med Klin 64:563-4, 21 Mar 69 (Ger)
[On the problem of congenital testicular atrophy] Matteiaer JJ, et al. Z Urol 61:787-90, Nov 68 (Ger)
[Venography in varicocoele and cryptorchism in children] Zubkov BA, et al.
Vestn Khir Grekov 102:140-2, Jan 69 (Rus)

THERAPY

[Treatment of testicular malposition] Becker H, et al.
Med Klin 64:644-8, 4 Apr 69 (Ger)
[Treatment of cryptorchism in puberty] Hecker WC.
Med Klin 64:563-4, 21 Mar 69 (Ger)

VETERINARY

Case report. Bilateral sertoli cell tumour in a canine cryptorchid with accompanying pathological lesions. Lindo DE, et al. Canad Vet J 10:145-7, May 69

DISGERMINOMA

Ovarian tumors with endocrine activity and related problems. DeCosta EJ.
Surg Clin N Amer 49:105-20, Feb 69 (52 ref.)
[Diagerminoma and pregnancy] Decelle J.
Bull Soc Roy Belg Gynec Obstet 39:1-13, 1969 (Fre)
[Clinicoradiological considerations on the osseous metastases of germinal tumors of the testis] Spina C.
Nunt Radiol 33:1591-602, Dec 67 (Ita)

COMPLICATIONS

Sustained remissions after chemotherapy for primary ovarian cancers containing choriocarcinoma. Wider JA, et al. New Eng J Med 280:1439-42, 26 Jun 69
[Gonadal dysgenesis with gonocytoma] Guinet P, et al.
Rev Lyon Med 17:975-94, 30 Dec 68 (Fre)

DIAGNOSIS

Spermatocytic seminoma. I. Clinicopathologic study of six cases and review of the literature. Rosai J, et al.
Cancer 24:92-102, Jul 69
[Puncture of Douglas' pouch in cytodiagnosis of ovarian neoplasms] Boscaro M, et al.
Minerva Med 60:1332-9, 11 Apr 69 (Ita)

DRUG THERAPY

Sustained remissions after chemotherapy for primary ovarian cancers containing choriocarcinoma. Wider JA, et al. New Eng J Med 280:1439-42, 26 Jun 69

ETIOLOGY

[Ultrastructure of the ovarian disgerminoma. Contribution to the histogenesis of the tumor] Overbeck L, et al.
Z Geburtsh Gynaek 170:125-36, Apr 69 (Ger)

OCCURRENCE

Malignant testicular tumours in Finland. Teppo L.
Acta Path Microbiol Scand 75:18-26, 1969
Ovarian tumors in teenagers. Saloheimo AM.
Ann Chir Gynaec Fenn 57:590-5, 1968
Neoplasms of the testicles among the Ceylonese. Vijeyaratnam G. Ceylon Med J 13:193-200, Dec 68

PATHOLOGY

Spermatocytic seminoma. II. Ultrastructural study. Rosai J, et al. Cancer 24:103-16, Jul 69
Spermatocytic seminoma. I. Clinicopathologic study of six cases and review of the literature. Rosai J, et al.
Cancer 24:92-102, Jul 69
Homologous tumours of the testis and the ovary. Bhargava MK, et al. Indian J Cancer 5:291-300, Dec 68
The phenotype and gonadal histology in XO-XY mosaic individuals: report of two personal cases. Van Campenhout J, et al.
J Obstet Gynaec Brit Comm 76:631-9, Jul 69
[Granulomatous orchitis] Kyrieleis C.
Verh Deutsch Ges Path 52:525-7, 1968 (Ger)
[Ultrastructure of the ovarian disgerminoma. Contribution to the histogenesis of the tumor] Overbeck L, et al.
Z Geburtsh Gynaek 170:125-36, Apr 69 (Ger)
[On primary neoplasms of the testis (anatomopathological and histogenetic contribution)] Anardi V.
Rass Int Clin Ter 47:1131-49, 31 Oct 67 (Ita)

RADIOGRAPHY

Foot lymphography in the testis tumor patient. A review of fifty cases. Fein RL, et al.
Cancer 24:248-55, Aug 69
[The significance of lymphography in the diagnosis and treatment of malignant testicular tumors] Burgener F, et al. Schweiz Med Wschr 99:764-74, 24 May 69 (Ger)
[Testicular and conventional lymphography for detection and localization of malignant testicular tumor metastases] Göbbeler T, et al.
Urologe 7:316-20, Nov-Dec 68 (Ger)

RADIOTHERAPY

Spermatocytic seminoma. I. Clinicopathologic study of six cases and review of the literature. Rosai J, et al.
Cancer 24:92-102, Jul 69
Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 32-1969.
New Eng J Med 281:314-23, 7 Aug 69
[The significance of lymphography in the diagnosis and treatment of malignant testicular tumors] Burgener F, et al. Schweiz Med Wschr 99:764-74, 24 May 69 (Ger)

SURGERY

Spermatocytic seminoma. I. Clinicopathologic study of six cases and review of the literature. Rosai J, et al.
Cancer 24:92-102, Jul 69
Surgery of testicular tumors. McKiel CF Jr.
Surg Clin N Amer 49:99-103, Feb 69
[The significance of lymphography in the diagnosis and treatment of malignant testicular tumors] Burgener F, et al. Schweiz Med Wschr 99:764-74, 24 May 69 (Ger)

THERAPY

[Contribution on the clinical aspects and therapy of testicular tumors] Röhl L, et al.
Urologe 7:311-5, Nov-Dec 68 (Ger)

EUNUCHISM

[Feminizing testis syndrome. New eunuchoid-hypergonadotropic form] Borghi A, et al.
Rev Franc Endocr Clin 9:477-88, Nov-Dec 68 (Fre)

PATHOLOGY

Two types of Sertoli cells in man. Johnsen SG.
Acta Endocr (Kobenhavn) 61:111-6, May 69

GONADS

ABNORMALITIES

[Diagnosis of primary amenorrhea] Guinet P. Rev Lyon Med 17:969-73, 30 Dec 68 (Fre)

GRANULOSA CELL TUMOR

Hypothalamicohypophyseal portal system in experimental ovarian tumorigenesis. China Med 3:175-87, Mar 68

Ovarian tumors with endocrine activity and related problems. DeCosta EJ. Surg Clin N Amer 49:105-20, Feb 69 (52 ref.)

[2 cases of folliculoma of the ovary] Kharina EI, et al. Feldsh Akush 34:42-3, Apr 69 (Rus)

CHEMICALLY INDUCED

Mechanism of induction of ovarian tumors in the mouse by 7,12-dimethylbenz[a]anthrace. VI. Effect of normal ovarian tissue on tumor development. Juil JW. J Nat Cancer Inst 42:967-72, Jun 69

METABOLISM

Secretion of C19-steroids and oestrogens in the polycystic ovary syndrome. Ovarian studies in vivo and in vitro (including studies in vitro on a coincidental granulosa cell tumour). Jeffcoate SL, et al. J Endocr 42:229-43, Oct 68

OCCURRENCE

Ovarian tumors in teenagers. Saloheimo AM. Ann Chir Gynaec Fenn 57:590-5, 1968

RADIOTHERAPY

[On the therapy of advanced malignant tumors] Fochem K. Strahlentherapie 135:524-7, May 68 (Ger)

VETERINARY

Pathology of feline ovarian neoplasms. Norris HJ, et al. J Path 97:138-43, Jan 69

GYNANDROBLASTOMA

Ovarian tumors with endocrine activity and related problems. DeCosta EJ. Surg Clin N Amer 49:105-20, Feb 69 (52 ref.)

HERMAPHRODITISM

Experimental alterations of the developmental cytogenetic mechanisms in mulberry silkworms: artificial parthenogenesis, polyploidy, gynogenesis, and androgenesis. Astaurov BL. Advances Morph 6:199-257, 1967 (164 ref.)

The phenotype and gonadal histology in XO-XY mosaic individuals: report of two personal cases. Van Campenhout J, et al. J Obstet Gynaec Brit Comm 76:631-9, Jul 69

The nosologic place of the XO-XY mosaicism] Pfeiffer RA, et al. Arch Gynaek 206:369-410, 1968 (142 ref.) (Ger)

CHEMICALLY INDUCED

Biological profile of quingestanol acetate. Giannina T, et al. Proc Soc Exp Biol Med 131:781-9, Jul 69

[Stimulation by postnatal estrogen treatment of female genital structures obtained in male adult mice by injection of estradiol in the pregnant mother] Jean C, et al. J Physiol (Paris) 59:Suppl:246-7, 1967 (Fre)

COMPLICATIONS

Phallic urethra with calculus. Ghosh TK, et al. Amer J Obstet Gynec 104:915-6, 15 Jul 69

DIAGNOSIS

[Gonadal dysgenesis] Hortling H. Duodecim 85:230-6, 1969 (21 ref.) (Fin)

[A case of pseudo-hermaphroditism in a 2-year-old boy] Chmielowa M, et al. Pediat Pol 44:347-51, Mar 69 (Pol)

ETIOLOGY

[Gonadal dysgenesis. Etiology; pathogenesis; classification] Milcu SM, et al. Stud Cercet Endocr 19:459-72, 1968 (36 ref.) (Rum)

FAMILIAL & GENETIC

Models for cytogenetics and embryology. Benirschke K. Fed Proc 28:170-8, Jan-Feb 69 (76 ref.)

[Familial male pseudohermaphroditism] Milcou SM, et al. Rev Franc Endocr Clin 9:465-75, Nov-Dec 68 (Fre)

OCCURRENCE

In corpore fertilization and development in the sea urchin, Arbacia punctulata. Ruggieri GD. Nature (London) 223:189, 12 Jul 69

PATHOLOGY

True hermaphroditism with bilateral ovotestes. Bababoury AB, et al. N Carolina Med J 30:190-2, May 69

SURGERY

True hermaphroditism with bilateral ovotestes. Bababoury AB, et al. N Carolina Med J 30:190-2, May 69

URINE

Semiquantitative estimation of urinary pregnanetriol, pregnanetriolone and tetrahydro S in the investigation of adrenocortical function. Thomas FJ, et al. Acta Endocr (Kobenhavn) 60:645-56, Apr 69

VETERINARY

[Occurrence of cases analogous with the testicular feminization syndrome in Sus scrofa domestica] Lojda L, et al. Cas Lek Cesk 108:709-10, May 69 (Cze)

HYPOGONADISM

COMPLICATIONS

Localized hypothalamic histiocytosis X. Report of a case. Bernard JD, et al. Arch Neurol (Chicago) 20:368-72, Apr 69

Ovarian dysplasia. Gupta VB, et al. J Indian Med Ass 51:138-9, 1 Aug 68

The ecology of infertility. The barren couple in a world of conception control. Israel SL. Nova Scotia Med Bull 48:31-5, Apr 69

[Laurence-Moon-Bardot-Biedl syndrome. Apropos of 7 personal cases] Bene M, et al. Ann Pediat (Paris) 16:57-61, 2 Jan 69 (Fre)

DIAGNOSIS

Coexisting anterior pituitary and neurohypophyseal insufficiency. A syndrome with diagnostic implication. Martin MM. Arch Intern Med (Chicago) 123:409-16, Apr 69

DRUG THERAPY

Urinary testosterone response to human chorionic gonadotropin. Evaluation of male patients with hypogonadotropic hypogonadism. Fariss BL, et al. Fertil Steril 20:632-8, Jul-Aug 69

[Androgen treatment and anti-androgens] König MP. Schweiz Med Wschr 99:744-7, 17 May 69 (Ger)

ETIOLOGY

Zinc deficiency in a patient with retarded growth, hypogonadism, hypogammaglobulinemia and chronic infection. Caggiano V, et al. Amer J Med Sci 257:305-19, May 69

FAMILIAL & GENETIC

Autoimmunity in women with sex chromosome aneuploidy and in their parents compared to controls. Price WH, et al. Clin Exp Immun 4:365-74, Apr 69

KLINEFELTER'S SYNDROME

Recent studies on androgenic function in human subjects. Ismail AA, et al.
J Obstet Gynaec Brit Comm 75:929-40, Sep 68 (78 ref.)
The nosologic place of the XO-XY mosaicism] Pfeiffer RA, et al.
Arch Gynaek 206:369-410, 1968 (142 ref.) (Ger)
[Role of chromosome anomalies in pathology] Koller PC. Recent Progr Med (Roma) 46:246-65, Mar 67 (Ita)
[Dermatoglyphics of the hand] Boczkowski K, et al.
Endokr Pol 20:239-48, May-Jun 69 (16 ref.) (Pol)
[Familial anisomastia] Serban MD, et al.
Stud Cercet Endocr 19:511-7, 1968 (Rum)

BLOOD

[Radio-immunologic determination of gonadotropins] Franchimont P.
Ann Endocr (Paris) 29:403-31, Jul-Aug 68 (Fre)

COMPLICATIONS

The coincidence of Klinefelter's syndrome and systemic lupus erythematosus. Ortiz-Neu C, et al.
Arthritis Rheum 12:241-6, Jun 69
A controlled study of the psychopathology and physical measurements of Klinefelter's syndrome. Hunter H.
Brit J Psychiat 115:443-8, Apr 69
Klinefelter's syndrome. Wright JN.
Proc Mine Med Officers Ass 48:72, Sep-Dec 68
[Incidence of antibodies, diabetes and lymphoma in conditions caused by chromosomal disorders] Engelberth O, et al. Sborn Lek 71:123-30, May 69 (Cze)
[Study of plasma 17-ketosteroids and 17-hydroxycorticosteroids in men having cancer of the breast] Seeman A, et al.
C R Acad Sci [D] (Paris) 268:1833-6, 31 Mar 69 (Fre)
[Problems of human propagation from the viewpoint of the andrologist] Niermann H.
Hippokrates 39:845-8, 30 Nov 68 (Ger)
[On types of mental disorders in Klinefelter's and Shereshevsky-Turner's syndromes in adults] Rakhal'skiĭ IuE, et al.
Zh Nevropat Psikhiat Korsakov 69:407-9, 1969 (Rus)

DIAGNOSIS

Double aneuploidy: the frequency of XXY in males with Down's syndrome. Hecht F, et al.
Amer J Hum Genet 21:352-9, Jul 69
A controlled study of the psychopathology and physical measurements of Klinefelter's syndrome. Hunter H.
Brit J Psychiat 115:443-8, Apr 69
A buccal smear survey for sex chromatin aberration in Hiroshima high school students. Omori Y, et al.
Hiroshima J Med Sci 18:21-30, Mar 69
Klinefelter's syndrome. Wright JN.
Proc Mine Med Officers Ass 48:72, Sep-Dec 68
[Gonadal dysgenesis] Hortling H.
Duodecim 85:230-6, 1969 (21 ref.) (Fin)
[Problems of human propagation from the viewpoint of the andrologist] Niermann H.
Hippokrates 39:845-8, 30 Nov 68 (Ger)
[On types of mental disorders in Klinefelter's and Shereshevsky-Turner's syndromes in adults] Rakhal'skiĭ IuE, et al.
Zh Nevropat Psikhiat Korsakov 69:407-9, 1969 (Rus)

ETIOLOGY

[Gonadal dysgenesis. Etiology; pathogenesis; classification] Milcu SM, et al.
Stud Cercet Endocr 19:459-72, 1968 (36 ref.) (Rum)

FAMILIAL & GENETIC

Double aneuploidy: the frequency of XXY in males with Down's syndrome. Hecht F, et al.
Amer J Hum Genet 21:352-9, Jul 69
Klinefelter's syndrome variant, XXXX-XXXXY mosaic. Rerrick EG. J Maine Med Ass 60:90-3, Apr 69

PATHOLOGY

Two types of Sertoli cells in man. Johnsen SG.
Acta Endocr (Kobenhavn) 61:111-6, May 69
The histographic analysis of human muscle biopsies with regard to fiber types. 4. Children's biopsies. Brooke MH, et al.
Neurology (Minneap) 19:591-605, Jun 69
[Three andrologic demonstrations] Schöning FW.
Med Welt 49:2719-21, Dec 68 (Ger)

VETERINARY

Testicular hypoplasia and XXY sex chromosome complement in two rams: the ovine counterpart of Klinefelter's syndrome in man. Bruere AN, et al.
J Reprod Fertil 19:103-8, Jun 69

LEYDIG CELL TUMOR

Ovarian tumors with endocrine activity and related problems. DeCosta EJ.
Surg Clin N Amer 49:105-20, Feb 69 (52 ref.)

COMPLICATIONS

[Enteroid and bilio-hepatoid dysembryoma of the ovary with hyperplasia of Berger's sympathicotrophic cells. (Apropos of a case)] Garneau R, et al.
Ann Anat Path (Paris) 13:423-31, Oct-Dec 68 (Fre)

ETIOLOGY

Bilateral testicular tumors in untreated congenital adrenocortical hyperplasia. Earll JM, et al.
JAMA 209:937-9, 11 Aug 69

PATHOLOGY

[Enteroid and bilio-hepatoid dysembryoma of the ovary with hyperplasia of Berger's sympathicotrophic cells. (Apropos of a case)] Garneau R, et al.
Ann Anat Path (Paris) 13:423-31, Oct-Dec 68 (Fre)

MEIGS' SYNDROME

COMPLICATIONS

Massive ascites due to Meig's syndrome. Aach R, et al.
Amer J Med 47:125-34, Jul 69

DIAGNOSIS

Massive ascites due to Meig's syndrome. Aach R, et al.
Amer J Med 47:125-34, Jul 69

PATHOLOGY

Massive ascites due to Meig's syndrome. Aach R, et al.
Amer J Med 47:125-34, Jul 69

OVARIAN CYSTS

Fractionation in a density gradient of some glycoproteins from human ovarian cyst fluids. Dunstone JR.
Europ J Biochem 9:128-32, 1 May 69
Ovarian tumors with endocrine activity and related problems. DeCosta EJ.
Surg Clin N Amer 49:105-20, Feb 69 (52 ref.)

CHEMICALLY INDUCED

Effect of continued daily injections of oxytocin on oestrous cycle length and reproductive tract morphology in the cow. Donaldson LE.
J Reprod Fertil 18:259-63, Mar 69
Persistent estrus: an experimental model of the polycystic ovary syndrome. Singh KB.
Obstet Gynec Survey 24:2-17, Jan 69 (111 ref.)

COMPLICATIONS

Torsion of normal ovary in the first two years of life. Grosfeld JL.
Amer J Surg 117:726-7, May 69
Histological studies of infantile ovaries on autopsy material. Tóth VG, et al.
Arq Brasil Endocr 17:81-8, Aug 68
The ecology of infertility. The barren couple in a world of conception control. Israel SL.
Nova Scotia Med Bull 48:31-5, Apr 69
[Coronary thrombosis during treatment with oral contraceptives] Dalgaard JB, et al.
Nord Med 81:273-9, 27 Feb 69 (Dan)

DIAGNOSIS

Ultrasonic scanning in diagnosis of abdominal disease. Holm HH, et al. **Acta Chir Scand** 134:333-41, 1968

ENZYMOLOGY

[The isoenzymes of lactate dehydrogenase in the human uterus and ovary] Armborst V, et al. **Zbl Gynaek** 90:1753-64, 28 Dec 68 (Ger)

ETIOLOGY

Persistent estrus: an experimental model of the polycystic ovary syndrome. Singh KB. **Obstet Gynec Survey** 24:2-17, Jan 69 (111 ref.)

IMMUNOLOGY

Immunochemical studies on blood groups. 43. The interaction of blood group substances from various sources with a plant lectin, concanavalin A. Lloyd KO, et al. **J Immun** 102:1354-62, Jun 69

OCCURRENCE

Ovarian tumors in teenagers. Saloheimo AM. **Ann Chir Gynaec Fenn** 57:590-5, 1968

PATHOLOGY

A case of full-term ectopic pregnancy with living child. Laurila S, et al. **Ann Chir Gynaec Fenn** 57:623-6, 1968

Histological studies of infantile ovaries on autopsy material. Tóth VG, et al. **Arq Brasil Endocr** 17:81-8, Aug 68

RADIOTHERAPY

[Appendicitis with a tumoral form] Hillemand B, et al. **Sem Hop Paris** 45:1211-3, 14 Apr 69 (Fre)

SURGERY

Study and application of Chairman Mao's teachings on wholeheartedly serving the former poor and lower-middle peasants. How our basic medical unit successfully excised an ovarian cyst. **China Med** 3:154-8, Mar 68

[Appendicitis with a tumoral form] Hillemand B, et al. **Sem Hop Paris** 45:1211-3, 14 Apr 69 (Fre)

VETERINARY

Studies on the ovaries of the female camel during the reproductive cycle and in conditio affected with cysts. Abdo MS, et al. **Corneli Vet** 59:418-25, Jul 69

OVARIAN DISEASES

CHEMICALLY INDUCED

Effect of a single prepubertal injection of testosterone propionate on later reproductive functions of the female golden hamster. Alleva FR, et al. **Endocrinology** 85:312-8, Aug 69

CLASSIFICATION

A new syndrome of amenorrhae in association with hypergonadotropism and apparently normal ovarian follicular apparatus. Jones GS, et al. **Amer J Obstet Gynec** 104:597-600, 15 Jun 69

[Ovarian malformations. Attempt at classification] Muller P. **Gynec Prat** 19:401-33, 1968 (Fre)

COMPLICATIONS

[Policy in the presence of functional disturbances of "first periods". Puberty-nubility] Sersiron D. **Ann Pediat (Paris)** 16:133-48, 2 Feb 69 (Fre)

[A case of endocraniosis with endocrine changes in the female genitals and monolateral optic atrophy caused by stenosis of the optic canal] Frezzotti R, et al. **Riv Otoneurooftal** 42:483-91, Nov-Dec 67 (Ita)

CONGENITAL

[Congenital disorders of ovarian receptivity] Muller P, et al. **Gynec Prat** 19:435-51, 1968 (Fre)

DIAGNOSIS

Torsion of normal ovary in the first two years of life. Grosfeld JL. **Amer J Surg** 117:726-7, May 69

The use of human menopausal gonadotropins as a test for the differentiation of primary amenorrhea. Batrinos ML, et al. **Fertil Steril** 20:590-8, Jul-Aug 69

A tribute to Samuel L. Siegler, M.D. (1898-1953). (Siegler SL), Siegler HM. **Fertil Steril** 20:529-44, Jul-Aug 69

DRUG THERAPY

Clomiphene citrate in the treatment of luteal phase defects. Echt CR, et al. **Fertil Steril** 20:564-71, Jul-Aug 69

The comparative effects of estrogens on amylase levels of cervical mucus. Skerlavay M, et al. **Fertil Steril** 20:581-9, Jul-Aug 69

FAMILIAL & GENETIC

Cytogenetic studies in premature ovarian failure. Boczkowski K, et al. **Amer J Obstet Gynec** 104:594-5, 15 Jun 69

PATHOLOGY

Cytogenetic studies in premature ovarian failure. Boczkowski K, et al. **Amer J Obstet Gynec** 104:594-5, 15 Jun 69

Torsion of normal ovary in the first two years of life. Grosfeld JL. **Amer J Surg** 117:726-7, May 69

Abdominal enlargement in a very young child. **Virginia Med Monthly** 96:213-8, Apr 69

SURGERY

The pain syndrome in ovarian varicocele. Railo JE. **Acta Chir Scand** 134:157-9, 1968

[Apropos of various interventions for ovarian dystrophy] Donnadieu JM. **Maroc Med** 49:59-61, Jan 69 (Fre)

URINE

Urinary steroid excretion in a hirsute patient with ovarian cortical stromal hyperplasia and endometrial carcinoma. Mahesh VG, et al. **Amer J Obstet Gynec** 104:602-3, 15 Jun 69

VETERINARY

Bilateral ovarian hypoplasia in Gir heifer. Kodagali SB. **Indian Vet J** 46:289-90, Apr 69

OVARIAN NEOPLASMS

Metastases to the pituitary gland. Hägerstrand I, et al. **Acta Path Microbiol Scand** 75:64-70, 1969

Luteoma of pregnancy: steroidogenic and morphologic considerations. Rice BF, et al. **Amer J Obstet Gynec** 104:871-8, 15 Jul 69

Identification of pristane in human sebum. O'Neill HJ, et al. **Biochem Biophys Res Commun** 35:946-52, 27 Jun 69

Hypothalamicohypophyseal portal system in experimental ovarian tumorigenesis. **China Med** 3:175-87, Mar 68

Adenocarcinoma of the ovary complicating pregnancy. Vrettos AS, et al. **Int Surg** 52:41-3, Jul 69

Gliomatosis peritonei caused by ovarian teratoma. Fortt RW, et al. **J Clin Path** 22:348-53, May 69

Arrhenoblastoma: case report. Bailey RR. **New Zeal Med J** 69:230-1, Apr 69

Ovarian tumors with endocrine activity and related problems. DeCosta EJ. **Surg Clin N Amer** 49:105-20, Feb 69 (52 ref.)

["Second look" in stomach cancer] **Ugeskr Laeg** 131:1017, 5 Jun 69 (Dan)

[Disgerminoma and pregnancy] Decelle J. **Bull Soc Roy Belg Gynec Obstet** 39:1-13, 1969 (Fre)

[Apropos of 6 carcinoid tumors, 3 secreting] Guivarc'h M, et al. **Mem Acad Chir (Paris)** 95:77-86, 1969 (Fre)

[Contribution to the knowledge of peritonitis arenosa] **Kaiser G. Geburtsh Frauenheilk** 29:362-5, Apr 69 (Ger)

[Schiller's ovarian mesonephroma] Boninfante CE, et al. **Quad Clin Ostet Ginec** 23:185-95, Mar 68 (Ita)

[Contribution to the study of ovarian mesonephroma]

Pulvino G.
Quad Clin Ostet Ginec 23:237-46, Mar 68 (Ita)
[Ovarian tumor diagnosed initially as teratoma adultum with subsequent recurrence and metastases to the peritoneum] Foersterling E, et al.
Ginek Pol 40:441-6, 1969 (Pol)
[Ovarian chorionepithelioma in a 14-year-old girl] Abucewicz S, et al. **Wiad Lek 22:949-50, 15 May 69 (Pol)**
[2 cases of folliculoma of the ovary] Kharina EI, et al.
Feldsh Akush 34:42-3, Apr 69 (Rus)
[On the frequency of sites of metastasis of malignant tumors of the ovaries (according to autopsy data from the N. N. Petrov Oncologic Institute of the MH of the USSR from 1926-1966] Chen-Mairansaeva TP.
Vop Onkol 14:86-92, 1968 (Rus)
[Gynecologic oncology] Kjellgren O.
Lakartidningen 66:1235-41, 19 Mar 69 (Swe)

BLOOD

Conjugated and unconjugated dehydroepiandrosterone, aetiocholanolone and androsterone in the peripheral plasma of patients with cancer of the breast, ovary, uterus or prostate. Garnham JR, et al. **Europ J Cancer 5:239-45, Jun 69**
[A critical study on the differentiation of the acceleration of the erythrocyte sedimentation rate due to tumorous and inflammatory processes in diseases of the female genitalia] Schander K.
Z Geburtsh Gynaek 170:73-7, 1969 (Ger)
[Cytogenetic changes in white blood cells after cyclophosphamide treatment] Bauchinger M, et al.
Z Krebsforsch 72:77-87, 1969 (Ger)

CHEMICALLY INDUCED

Mechanism of induction of ovarian tumors in the mouse by 7,12-dimethylbenz[a]anthracene. V. Effect of metabolic inhibitors. Juli JW.
J Nat Cancer Inst 42:961-6, Jun 69
Mechanism of induction of ovarian tumors in the mouse by 7,12-dimethylbenz[a]anthrace. VI. Effect of normal ovarian tissue on tumor development. Juli JW.
J Nat Cancer Inst 42:967-72, Jun 69
[Hormonally active ovarian tumors in rabbits induced with methylcholanthrene 2 years after the experiment] Różewicki S, et al.
Pat Pol 20:73-84, 1969 (Pol)

COMPLICATIONS

Salt wasting syndrome of obscure origin. Goldman AG, et al. **Amer J Med 46:606-14, Apr 69**
Combined chemotherapy in the treatment of malignant effusions. MacGregor AB, et al.
Brit J Surg 56:489-91, Jul 69
XY gonadal dysgenesis and malignancy. Fischer P, et al.
Lancet 2:110, 12 Jul 69
The simultaneous occurrence of ovarian cancer and mediastinal rhabdomyosarcoma. Černý E, et al.
Neoplasma (Bratisl) 16:81-7, 1969
Premature sexual development. Young IS, et al.
Postgrad Med 45:180-5, Mar 69
[Gonadal dysgenesis with gonocytoma] Guinet P, et al.
Rev Lyon Med 17:975-94, 30 Dec 68 (Fre)
[Paget's disease and intracranial thrombophlebitis] Jéquier M, et al.
Rev Otoneuroophtal 40:404-8, Nov 68 (Fre)
[Basocellular nevomatosis. Combination of basocellular nevi of the skin, maxillary epidermoid cysts, bone malformations and other anomalies. 7 cases] Cernéa P, et al.
Rev Stomat (Paris) 70:181-226, Apr-May 69 (Fre)
[Remote effects of malignant tumors on the nervous system] Adams AE.
Psychiat Neurol Med Psychol (Leipzig) 20:312-8, Aug 68 (Ger)
[Intragenital and extragenital double carcinoma (an autopsy statistical study)] Buckow I, et al.
Z Geburtsh Gynaek 170:21-7, 1969 (Ger)
[Tumors of the ovary as a cause of precocious puberty] Mitolo G, et al.
Minerva Ginec 21:338-42, 31 Mar 69 (Ita)
[Thecoma and adenocarcinoma of the endometrium. (Anatomo-clinical observations on a case)] Magliulo S.
Rass Int Clin Ter 49:483-90, 30 Apr 69 (Ita)
[Folliculoma of the right ovary] Tomczyk L.
Wiad Lek 22:571-3, 15 Mar 69 (Pol)
[Recognition of tumorous and non-tumorous cells in cytological studies of serous fluids] Kurbatova TI.
Vop Onkol 14:29-36, 1968 (Rus)
[A roentgenologic study of the state of the distal region of the large intestine in tumors of the female genital organs] Peresiegin IA, et al.
Vop Onkol 14:81-5, 1968 (Rus)

DIAGNOSIS

Urinary cytology in female genital cancer. Gupta PK, et al. **Amer J Obstet Gynec 104:1043-6, 1 Aug 69**
Ovarian tumors in teenagers. Saloheimo AM.
Ann Chir Gynaec Fenn 57:590-5, 1968
Cervical and mediastinal lymph node metastases as an ortorhinolaryngic problem. Berge T, et al.
Ann Otol 78:663-70, Jun 69
Metastatic ovarian carcinoid tumor. Holl-Allen RT.
Postgrad Med J 45:46-8, Jan 69
[A case of desmoid tumor in a Bantu woman] Accigliaro G. **Minerva Ginec 19:890-4, 15 Sep 67 (Ita)**
[On the subject of clinical diagnosis of primary cancer of the ovary] Guglielminetti G, et al.
Minerva Ginec 21:343-7, 31 Mar 69 (Ita)
[Puncture of Douglas' pouch in cytodiagnosis of ovarian neoplasms] Boscaro M, et al.
Minerva Med 60:1332-9, 11 Apr 69 (Ita)
[Diagnostic considerations on fibromas of the ovary] Barbara A, et al.
Pathologica 60:263-73, Jul-Aug 68 (Ita)
[Recognition of tumorous and non-tumorous cells in cytological studies of serous fluids] Kurbatova TI.
Vop Onkol 14:29-36, 1968 (Rus)

DRUG THERAPY

Chromosomes of metastatic ovarian carcinoma treated with a progestogen and alkylating agents. Katayama KP, et al. **Amer J Obstet Gynec 104:997-1003, 1 Aug 69**
Current status of the management of patients with endocrine-sensitive tumors. II. Carcinoma of the prostate, endometrium, thyroid, kidney and miscellaneous tumors. Crowley LG, et al.
Calif Med 110:139-50, Feb 69 (158 ref.)
The prognosis and management of recurrent abdominal malignancies. Griffen WO Jr, et al.
Curr Probl Surg 3-41, Apr 69 (109 ref.)
Sustained remissions after chemotherapy for primary ovarian cancers containing choriocarcinoma. Wider JA, et al. **New Eng J Med 280:1439-42, 26 Jun 69**
Cancer treatment with sulfones. Graham J, et al.
Surg Gynec Obstet 129:103-7, Jul 69
[Progestational hormones in the treatment of gynecologic cancers] Soutoul JH, et al.
Presse Med 77:247-9, 8 Feb 69 (Fre)
[Possibilities of drug therapy of gynecologic malignancies] Armborst V.
Med Welt 42:2498-501, 21 Oct 67 (Ger)
[Treatment of ovarian cancer in the Hospital for Women of the Medical Academy in Dresden and its results] Schreiber H, et al.
Z Aerztl Fortbild (Jena) 63:167-70, 1 Feb 69 (Ger)
[Cytogenetic changes in white blood cells after cyclophosphamide treatment] Bauchinger M, et al.
Z Krebsforsch 72:77-87, 1969 (Ger)
[Therapy of malignant tumors of the ovary] Debiasi E.
Minerva Ginec 21:327-32, 31 Mar 69 (Ita)
[Treatment of malignant ovarian tumors with Proresid] Misiewicz L. **Ginek Pol 40:419-22, 1969 (Pol)**

ENZYMOLOGY

The hydrolytic activity in normal human and malignant tissue. Brecher AS, et al.
Proc Soc Exp Biol Med 131:828-31, Jul 69
[Possibilities of drug therapy of gynecologic malignancies] Armborst V.
Med Welt 42:2498-501, 21 Oct 67 (Ger)
[The isoenzymes of lactate dehydrogenase in the human uterus and ovary] Armborst V, et al.
Zbl Gynaek 90:1753-64, 28 Dec 68 (Ger)

ETIOLOGY

[Ultrastructure of the ovarian disgerminoma. Contribution to the histogenesis of the tumor] Overbeck L, et al.
Z Geburtsh Gynaek 170:125-36, Apr 69 (Ger)

FAMILIAL & GENETIC

Chromosomes of metastatic ovarian carcinoma treated with a progestogen and alkylating agents. Katayama KP, et al. **Amer J Obstet Gynec** 104:997-1003, 1 Aug 69

Alterations in chromosomes and DNA content in gynecologic neoplasms. Richart R, et al. **Amer J Obstet Gynec** 104:463-71, 15 Jun 69 (53 ref.)

METABOLISM

Luteoma of pregnancy: steroidogenic and morphologic considerations. Rice BF, et al. **Amer J Obstet Gynec** 104:871-8, 15 Jul 69

Secretion of C19-steroids and oestrogens in the polycystic ovary syndrome. Ovarian studies in vivo and in vitro (including studies in vitro on a coincidental granulosa cell tumour). Jeffcoate SL, et al. **J Endocr** 42:229-43, Oct 68

[A study of the anti-thyroid effect of metabolites of tumor cells during in vitro experiments] Arkhilenko VI. **Biull Eksp Biol Med** 67:99-100, Apr 69 (Rus)

MORTALITY

Does rupture of cystic carcinoma during operation influence the prognosis? Purola E, et al. **Ann Chir Gynaec Fenn** 57:615-7, 1968

Ovarian tumors in teenagers. Saloheimo AM. **Ann Chir Gynaec Fenn** 57:590-5, 1968

Sustained remissions after chemotherapy for primary ovarian cancers containing choriocarcinoma. Wider JA, et al. **New Eng J Med** 280:1439-42, 26 Jun 69

OCCURRENCE

Ovarian tumors in teenagers. Saloheimo AM. **Ann Chir Gynaec Fenn** 57:590-5, 1968

Bilateral Brenner tumors of the ovary. Gifford RR, et al. **J Med Ass Georgia** 58:145-51, Apr 69

Incidence of multiple primary cancers. II. Index cancers arising in the stomach and lower digestive system. Schottenfeld D, et al. **J Nat Cancer Inst** 43:77-86, Jul 69

[Genital malignancies from 1956-1965 in the district of Potsdam] Gemperle F. **Z Aerztl Fortbild (Jena)** 63:160-3, 1 Feb 69 (Ger)

PATHOLOGY

Luteoma of pregnancy: steroidogenic and morphologic considerations. Rice BF, et al. **Amer J Obstet Gynec** 104:871-8, 15 Jul 69

Histological studies of infantile ovaries on autopsy material. Tóth VG, et al. **Arq Brasil Endocr** 17:81-8, Aug 68

Homologous tumours of the testis and the ovary. Bhargava MK, et al. **Indian J Cancer** 5:291-300, Dec 68

Studies on pathology of female genital tract of poultry with special reference to egg-peritonitis--neoplasms of ovary and oviduct. Sharma DN, et al. **Indian Vet J** 45:388-91, May 68

Gliomatosis peritonei caused by ovarian teratoma. Fortt RW, et al. **J Clin Path** 22:348-53, May 69

Bilateral Brenner tumors of the ovary. Gifford RR, et al. **J Med Ass Georgia** 58:145-51, Apr 69

Growth and hormonal responsiveness of human endometrial carcinoma after heterologous transplantation to neonatal rats. Forsberg JG, et al. **J Nat Cancer Inst** 43:191-201, Jul 69

[Enteroid and bilio-hepatoid dysembryoma of the ovary with hyperplasia of Berger's sympathicotrophic cells. (Apropos of a case)] Garneau R, et al. **Ann Anat Path (Paris)** 13:423-31, Oct-Dec 68 (Fre)

[Cytodiagnosis of pleural mesotheliomas] Castelain G, et al. **Presse Med** 77:197-9, 1 Feb 69 (Fre)

[Ultrastructure of the ovarian disgerminoma. Contribution to the histogenesis of the tumor] Overbeck L, et al. **Z Geburtsh Gynaek** 170:125-36, Apr 69 (Ger)

[Possibilities of the incidence of Burkett's tumor in Hungary] Vándor F, et al. **Orv Hetil** 110:1501-3, 29 Jun 69 (Hun)

[Anatomoclinical correlation of 15 cases of metastasic tumors of the ovary] Escalante Legarreta M, et al. **Ginec Obstet Mex** 24:109-22, Feb 69 (Spa)

PHYSIOPATHOLOGY

Metabolic disorders of the ovary. Lunenfeld B, et al. **Advances Metab Dis** 3:153-207, 1968 (153 ref.)

Ovarian tumors with endocrine activity and related problems. DeCosta EJ. **Surg Clin N Amer** 49:105-20, Feb 69 (52 ref.)

[Syndromes of estrogenic hyperactivity in 2 cases of primary ovarian cancers] Kulig Z, et al. **Wiad Lek** 22:955-7, 15 May 69 (Pol)

RADIOGRAPHY

Experience with over 2,000 uterosalpingographies. Fullenlove TM. **Amer J Roentgen** 106:463-71, Jul 69

The radiologic diagnosis of tumors of the endocrine glands. Ranniger K. **Surg Clin N Amer** 49:11-26, Feb 69 (40 ref.)

[A roentgenologic study of the state of the distal region of the large intestine in tumors of the female genital organs] Pereslegin IA, et al. **Vop Onkol** 14:81-5, 1968 (Rus)

RADIOTHERAPY

Intra-arterial epinephrine protection against radiation nephritis. A progress report. Steckel RJ, et al. **Radiology** 92:1341-5, May 69

[On the therapy of advanced malignant tumors] Fochem K. **Strahlentherapie** 135:524-7, May 68 (Ger)

[Treatment of ovarian cancer in the Hospital for Women of the Medical Academy in Dresden and its results] Schreiber H, et al. **Z Aerztl Fortbild (Jena)** 63:167-70, 1 Feb 69 (Ger)

[Therapy of malignant tumors of the ovary] Debiasi E. **Minerva Ginec** 21:327-32, 31 Mar 69 (Ita)

SURGERY

Does rupture of cystic carcinoma during operation influence the prognosis? Purola E, et al. **Ann Chir Gynaec Fenn** 57:615-7, 1968

Ovarian tumors in teenagers. Saloheimo AM. **Ann Chir Gynaec Fenn** 57:590-5, 1968

Sustained remissions after chemotherapy for primary ovarian cancers containing choriocarcinoma. Wider JA, et al. **New Eng J Med** 280:1439-42, 26 Jun 69

Metastatic ovarian carcinoid tumor. Holl-Allen RT. **Postgrad Med J** 45:46-8, Jan 69

[Surgical treatment of female sterility] Vara P. **Duodecim** 85:255-64, 1969 (Fin)

[Treatment of ovarian cancer in the Hospital for Women of the Medical Academy in Dresden and its results] Schreiber H, et al. **Z Aerztl Fortbild (Jena)** 63:167-70, 1 Feb 69 (Ger)

[Anesthesiological problems in surgery of malignant ovarian tumors] Barbara A, et al. **Minerva Ginec** 21:342-3, 31 Mar 69 (Ita)

[Therapy of malignant tumors of the ovary] Debiasi E, **Minerva Ginec** 21:327-32, 31 Mar 69 (Ita)

THERAPY

[Treatment of ovarian cancer in the Hospital for Women of the Medical Academy in Dresden and its results] Schreiber H, et al. **Z Aerztl Fortbild (Jena)** 63:167-70, 1 Feb 69 (Ger)

[Our experience in the therapy of ovarian carcinoma] Dambrosio F, et al. **Minerva Ginec** 21:334-8, 31 Mar 69 (Ita)

[Our experience with therapy of ovarian carcinoma] Dellepiane G. **Minerva Ginec** 21:332, 31 Mar 69 (Ita)

[Malignant tumors of the ovary] Onnis A. **Minerva Ginec** 21:333, 31 Mar 69 (Ita)

URINE

[Human chorionic gonadotropins] Wawryk R, et al. **Ginek Pol** 40:453-60, 1969 (114 ref.) (Pol)

VETERINARY

Studies on pathology of female genital tract of poultry with special reference to egg-peritonitis--neoplasms of ovary and oviduct. Sharma DN, et al. **Indian Vet J** 45:388-91, May 68

Pathology of feline ovarian neoplasms. Norris HJ, et al. **J Path** 97:138-43, Jan 69

OVARY

ABNORMALITIES

[Ovarian malformations. Attempt at classification] Muller P. Gynec Prat 19:401-33, 1968 (Fre)

PUBERTY, PRECOCIOUS

BLOOD

[Radio-immunologic determination of gonadotropins] Franchimont P.
Ann Endocr (Paris) 29:403-31, Jul-Aug 68 (Fre)

CHEMICALLY INDUCED

Pseudoprecocious puberty in infants caused by a dermal ointment containing estrogens. Beas F, et al. J Pediat 75:127-30, Jul 69
[Secondary effects of griseofulvin therapy on the breasts and genitalia, in a girl with microsporic tinea] Bessone L, et al. G Ital Derm 110:12-7, Jan 69 (Ita)

DIAGNOSIS

Pediatric neurology. Baird HW.
Progr Neurol Psychiat 23:242-52, 1968 (59 ref.)

DRUG THERAPY

Growth hormone secretion in idiopathic precocious puberty: effect of medroxyprogesterone. Kaplan S, et al. J Pediat 75:133-8, Jul 69

ETIOLOGY

Premature sexual development. Young IS, et al.
Postgrad Med 45:180-5, Mar 69
[Tumors of the ovary as a cause of precocious puberty] Mitolo G, et al.
Minerva Ginec 21:338-42, 31 Mar 69 (Ita)

PHYSIOPATHOLOGY

Growth hormone secretion in idiopathic precocious puberty: effect of medroxyprogesterone. Kaplan S, et al. J Pediat 75:133-8, Jul 69

URINE

Semiquantitative estimation of urinary pregnanetriol, pregnanetriolone and tetrahydro S in the investigation of adrenocortical function. Thomas FJ, et al. Acta Endocr (Kobenhavn) 60:645-56, Apr 69
Recent studies on androgenic function in human subjects. Ismail AA, et al.
J Obstet Gynaec Brit Comm 75:929-40, Sep 68 (78 ref.)

SERTOLI CELL TUMOR

Ovarian tumors with endocrine activity and related problems. DeCosta EJ.
Surg Clin N Amer 49:105-20, Feb 69 (52 ref.)

PATHOLOGY

Case report. Bilateral sertoli cell tumour in a canine cryptorchid with accompanying pathological lesions. Lindo DE, et al. Canad Vet J 10:145-7, May 69
[Feminizing testis syndrome. New eunuchoid-hypergonadotropic form] Borghi A, et al.
Rev Franc Endocr Clin 9:477-88, Nov-Dec 68 (Fre)
[Three andrologic demonstrations] Schöning FW.
Med Welt 49:2719-21, Dec 68 (Ger)

THERAPY

[Contribution on the clinical aspects and therapy of testicular tumors] Röhl L, et al.
Urologe 7:311-5, Nov-Dec 68 (Ger)

VETERINARY

Case report. Bilateral sertoli cell tumour in a canine cryptorchid with accompanying pathological lesions. Lindo DE, et al. Canad Vet J 10:145-7, May 69

SEX CHROMOSOME ABNORMALITIES

Human chromosomes--normal and abnormal. Irfan H.
Curr Med Drugs 8:3-15, Apr 68
Mucocutaneous pigmentation and intestinal polyposis (Peutz-Jeghers syndrome) in a family of Iraqi jews with polycystic kidney disease. With a chromosome study. Kieselstein M, et al.
Israel J Med Sci 5:81-90, Jan-Feb 69
Recent studies on androgenic function in human subjects. Ismail AA, et al.
J Obstet Gynaec Brit Comm 75:929-40, Sep 68 (78 ref.)
The phenotype and gonadal histology in XO-XY mosaic individuals: report of two personal cases. Van Campenhout J, et al.
J Obstet Gynaec Brit Comm 76:631-9, Jul 69
Psychosis in a child with the XYY karyotype. Berlow S.
Proc Inst Med Chicago 27:210, Mar 69
[Gonadal dysgenesis] Hortling H.
Duodecim 85:230-6, 1969 (21 ref.) (Fin)
[The double "Y" syndrome in a murderer of 5 persons] Boda L, et al. Orv Hetil 110:1251-4, 1 Jun 69 (Hun)
[Contribution to the knowledge of Turner's syndrome. Anatomo-histological aspects of the genital system] Bellone F.
Arch Sci Med (Torino) 125:560-9, Nov 68 (Ita)
[Role of chromosome anomalies in pathology] Koller PC. Recent Progr Med (Roma) 46:246-65, Mar 67 (Ita)
[XX-male: a case report] Mori Y, et al.
Jap J Urol 60:279-85, Apr 69 (Jap)
[Familial anisomastia] Serban MD, et al.
Stud Cercet Endocr 19:511-7, 1968 (Rum)

COMPLICATIONS

Neurological abnormalities in XYY males. Daly RF.
Nature (London) 221:472-3, 1 Feb 69

DIAGNOSIS

[Significance of chromosome aberrations to the pediatrician] Stoeckenius M.
Mschr Kinderheilk 116:446-8, Jul 68 (Ger)

FAMILIAL & GENETIC

Mosaicism 45,X/46,XX in two sisters. Izakovič V.
J Clin Endocr 29:863, Jun 69

IMMUNOLOGY

Autoimmunity in women with sex chromosome aneuploidy and in their parents compared to controls. Price WH, et al. Clin Exp Immun 4:365-74, Apr 69

METABOLISM

Purine requirement of cells cultured from humans affected with Lesch-Nyhan syndrome (hypoxanthine-guanine phosphoribosyltransferase deficiency). Felix JS, et al.
Proc Nat Acad Sci USA 62:536-43, Feb 69

URINE

Quantitative estimation of urinary pregnanetriol, pregnanetriolone, tetrahydro S and delta-5-pregnenetriol in the investigation of adrenocortical function. Thomas FJ, et al.
Acta Endocr (Kobenhavn) 60:657-68, Apr 69

VETERINARY

The sex chromosomes of intersexual marsupials. Sharman GB. J Reprod Fertil 19:388-9, Jul 69

SEX DIFFERENTIATION DISORDERS

[Feminization, in culture in vitro, of chick embryo testis by the embryonic testis of the calf] Akram H, et al.
Arch Anat Micr Morph Exp 57:369-78, Oct-Dec 68 (Fre)
[Feminizing testicle (apropos of an African case)] Gruet M, et al.
Bull Soc Med Afr Noire Lang Franc 13:704-6, 1968 (Fre)
[Feminizing testis syndrome. New

eunuchoid-hypergonadotropic form] Borghi A, et al. Rev Franc Endocr Clin 9:477-88, Nov-Dec 68 (Fre)
The nosologic place of the XO-XY mosaicism] Pfeiffer RA, et al. Arch Gynaek 206:369-410, 1968 (142 ref.) (Ger)
[Embryology of vertebrates. Structure and development of germ cells] Brändle K. Fortschr Zool 19:141-93, 1968 (Ger)

DIAGNOSIS

A new syndrome of amenorrhae in association with hypergonadotropism and apparently normal ovarian follicular apparatus. Jones GS, et al. Amer J Obstet Gynec 104:597-600, 15 Jun 69

ENZYMOLOGY

[Meaning of the foeto-placental unit in the steroid metabolism] Rappaport R. Ann Pediat (Paris) 16:62-4, 2 Jan 69 (Fre)

ETIOLOGY

[Gonadal dysgenesis. Etiology; pathogenesis; classification] Milcu SM, et al. Stud Cercet Endocr 19:459-72, 1968 (36 ref.) (Rum)

METABOLISM

De novo formation and metabolism of steroid hormones in feminizing testes: biochemical and ultrastructural studies. Pérez-Palacios G, et al. J Clin Endocr 29:786-800, Jun 69

VETERINARY

[Occurrence of cases analogous with the testicular feminization syndrome in Sus scrofa domestica] Lojda L, et al. Cas Lek Cesk 108:709-10, May 69 (Cze)

STEIN-LEVENTHAL SYNDROME

Persistent estrus: an experimental model of the polycystic ovary syndrome. Singh KB. Obstet Gynec Survey 24:2-17, Jan 69 (111 ref.)
[Influence of sex hormones on the metabolism of androgens] Mauvais-Jarvis P, et al. Rev Franc Etud Clin Biol 14:159-68, Feb 69 (Fre)

COMPLICATIONS

Galactorrhea and amenorrhea with polycystic ovaries. Del Castillo syndrome or polycystic ovarian syndrome. Lavrič MV. Amer J Obstet Gynec 104:814-7, 15 Jul 69
Urinary mucoprotein fractions and 17-ketosteroids in healthy women and in patients with the stein-leventhal syndrome. Jabloński K, et al. Arch Immun Ther Exp 17:253-60, 1969
[Policy in the presence of functional disturbances of "first periods". Puberty-nubility] Sersiron D. Ann Pediat (Paris) 16:133-48, 2 Feb 69 (Fre)
[Can one prove a relationship between hirsutism and the morphological changes in the polycystic ovary?] Csaba I, et al. Acta Med Acad Sci Hung 26:47-56, 1969 (Ger)
[The problem of hirsutism in the light of modern acquisitions in steroid physiopathology] Conti C. Folia Endocr (Roma) 21:529-58, Oct 68 (Ita)
[Adrenal cortex pathology and gynecological pathology] Colizzi E. Quad Clin Ostet Ginec 23:209-23, Mar 68 (Ita)

DIAGNOSIS

Semiquantitative estimation of urinary pregnanetriol, pregnanetriolone and tetrahydro S in the investigation of adrenocortical function. Thomas FJ, et al. Acta Endocr (Kobenhavn) 60:645-56, Apr 69
Galactorrhea and amenorrhea with polycystic ovaries. Del Castillo syndrome or polycystic ovarian syndrome. Lavrič MV. Amer J Obstet Gynec 104:814-7, 15 Jul 69
Interference in the effect of dexamethasone by diphenylhydantoin. Werk EE Jr, et al. New Eng J Med 281:32-4, 3 Jul 69

ENZYMOLOGY

Secretion of C19-steroids and oestrogens in the polycystic ovary syndrome. Ovarian studies in vivo and in vitro (including studies in vitro on a coincidental granulosa cell tumour). Jeffcoate SL, et al. J Endocr 42:229-43, Oct 68

ETIOLOGY

Galactorrhea and amenorrhea with polycystic ovaries. Del Castillo syndrome or polycystic ovarian syndrome. Lavrič MV. Amer J Obstet Gynec 104:814-7, 15 Jul 69

METABOLISM

Secretion of C19-steroids and oestrogens in the polycystic ovary syndrome. Ovarian studies in vivo and in vitro (including studies in vitro on a coincidental granulosa cell tumour). Jeffcoate SL, et al. J Endocr 42:229-43, Oct 68
Secretion of C19-steroids and oestrogens in the polycystic ovary syndrome: production and secretion rates measured by isotope dilution in urine. Jeffcoate SL, et al. J Endocr 42:213-28, Oct 68

PATHOLOGY

Galactorrhea and amenorrhea with polycystic ovaries. Del Castillo syndrome or polycystic ovarian syndrome. Lavrič MV. Amer J Obstet Gynec 104:814-7, 15 Jul 69
[Can one prove a relationship between hirsutism and the morphological changes in the polycystic ovary?] Csaba I, et al. Acta Med Acad Sci Hung 26:47-56, 1969 (Ger)

PHYSIOPATHOLOGY

[Can one prove a relationship between hirsutism and the morphological changes in the polycystic ovary?] Csaba I, et al. Acta Med Acad Sci Hung 26:47-56, 1969 (Ger)

SURGERY

[Cytohormonal effects of wedge-excision of ovaries in Stein-Leventhal syndrome] Ladygin E, et al. Ginek Pol 40:259-68, Mar 69 (Pol)

URINE

Urinary mucoprotein fractions and 17-ketosteroids in healthy women and in patients with the stein-leventhal syndrome. Jabloński K, et al. Arch Immun Ther Exp 17:253-60, 1969

TESTICULAR DISEASES

COMPLICATIONS

Cholesterol in azoospermic semens. Povoa H Jr. Endokrinologie 53:283-5, 1968
Further observations on the role of varicocele in human male infertility. Macleod J. Fertil Steril 20:545-63, Jul-Aug 69
Leukemic infiltration of the testes during bone marrow remission. Finklestein JZ, et al. Pediatrics 43:1042-5, Jun 69
[Problems of human propagation from the viewpoint of the andrologist] Niermann H. Hippokrates 39:845-8, 30 Nov 68 (Ger)

CONGENITAL

[On the problem of congenital testicular atrophy] Mattelaer JJ, et al. Z Urol 61:787-90, Nov 68 (Ger)

DIAGNOSIS

A tribute to Samuel L. Siegler, M.D. (1898-1953). (Siegler SL), Siegler HM. Fertil Steril 20:529-44, Jul-Aug 69
Leukemic infiltration of the testes during bone marrow remission. Finklestein JZ, et al. Pediatrics 43:1042-5, Jun 69

DRUG THERAPY

Asthenospermia and its treatment with HCG. Misurale F, et al. Fertil Steril 20:650-3, Jul-Aug 69
[Treatment of testicular hydrocele with hydrocortisone] Troshev K, et al.
Khirurgiia (Sofiia) 21:317, 1968 (Bul)

ETIOLOGY

Adult vaginal hydrocele in Hong Kong. A study of 25 cases. Shiu MH, et al.
J Roy Coll Surg Edinb 14:56-61, Jan 69

IMMUNOLOGY

[Hypersensitivity reactions and serum antibodies to spermatozoa autoantigens. Relations to the mechanism of autoimmune aspermatogenic orchitis] Toullet F, et al.
Ann Inst Pasteur (Paris) 116:579-601, May 69 (Fre)

PATHOLOGY

Primary amyloidosis of the urogenital system: a study of 16 cases and brief review. Tripathi VN, et al.
J Urol 102:96-101, Jul 69

SURGERY

Further observations on the role of varicocele in human male infertility. Macleod J.
Fertil Steril 20:545-63, Jul-Aug 69

THERAPY

Leukemic infiltration of the testes during bone marrow remission. Finkiestein JZ, et al.
Pediatrics 43:1042-5, Jun 69

VETERINARY

Testicular hypoplasia and XXY sex chromosome complement in two rams: the ovine counterpart of Klinefelter's syndrome in man. Bruere AN, et al.
J Reprod Fertil 19:103-8, Jun 69

TESTICULAR FEMINIZATION

[Feminization, in culture in vitro, of chick embryo testis by the embryonic testis of the calf] Akram H, et al.
Arch Anat Micr Morph Exp 57:369-78, Oct-Dec 68 (Fre)
[Feminizing testicle (apropos of an African case)] Gruet M, et al.
Bull Soc Med Afr Noire Lang Franc 13:704-6, 1968 (Fre)
[Feminizing testis syndrome. New eunuchoid-hypergonadotropic form] Borghi A, et al.
Rev Franc Endocr Clin 9:477-88, Nov-Dec 68 (Fre)

ETIOLOGY

[Gonadal dysgenesis. Etiology; pathogenesis; classification] Milcu SM, et al.
Stud Cercet Endocr 19:459-72, 1968 (36 ref.) (Rum)

METABOLISM

De novo formation and metabolism of steroid hormones in feminizing testes: biochemical and ultrastructural studies. Pérez-Palacios G, et al.
J Clin Endocr 29:786-800, Jun 69

PATHOLOGY

De novo formation and metabolism of steroid hormones in feminizing testes: biochemical and ultrastructural studies. Pérez-Palacios G, et al.
J Clin Endocr 29:786-800, Jun 69

VETERINARY

[Occurrence of cases analogous with the testicular feminization syndrome in Sus scrofa domestica] Lojda L, et al. Cas Lek Cesk 108:709-10, May 69 (Cze)

TESTICULAR NEOPLASMS

Surgical resection for pulmonary metastases in children. Kilman JW, et al.
Arch Surg (Chicago) 99:158-65, Aug 69
Paratesticular tumours. Williams G, et al.
Brit J Urol 41:332-9, Jun 69
Carcinoma of the prostate with unusual metastases. Malek GH, et al. Cancer 24:194-7, Jul 69
[Contribution on the prognosis of malignant teratoma] Drüner HU, et al.
Bruns Beitr Klin Chir 216:693-7, Dec 68 (Ger)
[Clinicoradiological considerations on the osseous metastases of germinal tumors of the testis] Spina C.
Nunt Radiol 33:1591-602, Dec 67 (Ita)
[Paratesticular fibroma] Solari JJ, et al.
Rev Argent Urol 37:119-20, Jan-Jul 68 (Spa)

CLASSIFICATION

[On primary neoplasms of the testis (anatomopathological and histogenetic contribution)] Anardi V.
Rass Int Clin Ter 47:1131-49, 31 Oct 67 (Ita)

COMPLICATIONS

Premature sexual development. Young IS, et al.
Postgrad Med 45:180-5, Mar 69

DIAGNOSIS

Lymphatic cysts of the tunica vaginalis testis. Oluwasanmi JO, et al. Amer J Surg 117:728-30, May 69
Paratesticular tumours. Williams G, et al.
Brit J Urol 41:332-9, Jun 69
Spermatocytic seminoma. I. Clinicopathologic study of six cases and review of the literature. Rosai J, et al.
Cancer 24:92-102, Jul 69
Surgery of testicular tumors. McKiel CF Jr.
Surg Clin N Amer 49:99-103, Feb 69
[Malignant neoplasms of the epididymis neoplasms] Reichel O. Z Urol 61:869-71, Dec 68 (Ger)

DRUG THERAPY

[A new combination of methotrexate and folinic acid for cancer treatment (acute leukemia and solid tumors)] Schwarzenberg L, et al.
Presse Med 77:385-8, 1 Mar 69 (Fre)
[Contribution on the clinical aspects and therapy of testicular tumors] Röhl L, et al.
Urologe 7:311-5, Nov-Dec 68 (Ger)
[On a case of teratochorionepithelioma of the testis treated medically] Pàstina R, et al.
Minerva Ginec 19:937-8, 30 Sep 67 (Ita)

ETIOLOGY

Bilateral testicular tumors in untreated congenital adrenocortical hyperplasia. Earll JM, et al.
JAMA 209:937-9, 11 Aug 69
[On primary neoplasms of the testis (anatomopathological and histogenetic contribution)] Anardi V.
Rass Int Clin Ter 47:1131-49, 31 Oct 67 (Ita)

FAMILIAL & GENETIC

[The study of sex chromatin in teratomatous tumors of the testis] Ponticelli D.
Rass Int Clin Ter 49:423-8, 15 Apr 69 (Ita)

OCCURRENCE

Malignant testicular tumours in Finland. Teppo L.
Acta Path Microbiol Scand 75:18-26, 1969
Neoplasms of the testicles among the Ceylonese. Vijeyaratnam G. Ceylon Med J 13:193-200, Dec 68

PATHOLOGY

Malignant testicular tumours in Finland. Teppo L.
Acta Path Microbiol Scand 75:18-26, 1969
Lymphatic cysts of the tunica vaginalis testis. Oluwasanmi JO, et al. Amer J Surg 117:728-30, May 69
Leiomyoma of the vas deferens. Dougall AJ, et al.
Brit J Urol 41:348-50, Jun 69
Paratesticular tumours. Williams G, et al.
Brit J Urol 41:332-9, Jun 69

Spermatocytic seminoma. II. Ultrastructural study. Rosai J, et al. Cancer 24:103-16, Jul 69
Spermatocytic seminoma. I. Clinicopathologic study of six cases and review of the literature. Rosai J, et al. Cancer 24:92-102, Jul 69
Homologous tumours of the testis and the ovary. Bhargava MK, et al. Indian J Cancer 5:291-300, Dec 68
Bilateral testicular tumors in untreated congenital adrenocortical hyperplasia. Earll JM, et al. JAMA 209:937-9, 11 Aug 69
[Feminizing testis syndrome. New eunuchoid-hypergonadotropic form] Borghi A, et al. Rev Franc Endocr Clin 9:477-88, Nov-Dec 68 (Fre)
[Granulomatous orchitis] Kyrieleis C. Verh Deutsch Ges Path 52:525-7, 1968 (Ger)
[Malignant neoplasms of the epididymis neoplasms] Reichel O. Z Urol 61:869-71, Dec 68 (Ger)
[Morphologic study of reticulosarcoma and lymphosarcoma of the testis] Martinazzi M, et al. Arch De Vecchi Anat Pat 50:373-88, Nov 67 (Ita)
[Multiple-metastasizing reticulum cell sarcoma of the vas deferens. Anatomo-clinical study of a case] Mosca L, et al. Arch De Vecchi Anat Pat 50:93-124, Nov 67 (Ita)
[On primary neoplasms of the testis (anatomopathological and histogenetic contribution)] Anardi V. Rass Int Clin Ter 47:1131-49, 31 Oct 67 (Ita)

RADIOGRAPHY

Foot lymphography in the testis tumor patient. A review of fifty cases. Fein RL, et al. Cancer 24:248-55, Aug 69
The radiologic diagnosis of tumors of the endocrine glands. Ranniger K. Surg Clin N Amer 49:11-26, Feb 69 (40 ref.)
[The significance of lymphography in the diagnosis and treatment of malignant testicular tumors] Burgener F, et al. Schweiz Med Wschr 99:764-74, 24 May 69 (Ger)
[Testicular and conventional lymphography for detection and localization of malignant testicular tumor metastases] Göbbeler T, et al. Urologe 7:316-20, Nov-Dec 68 (Ger)

RADIOTHERAPY

Lymphadenectomy and radiation therapy in malignant tumors of the testicle other than pure seminoma. Castro JR. Cancer 24:87-91, Jul 69
Spermatocytic seminoma. I. Clinicopathologic study of six cases and review of the literature. Rosai J, et al. Cancer 24:92-102, Jul 69
Case records of the Massachusetts General Hospital. Weekly clinicopathologial exercises. Case 32-1969. New Eng J Med 281:314-23, 7 Aug 69
[The significance of lymphography in the diagnosis and treatment of malignant testicular tumors] Burgener F, et al. Schweiz Med Wschr 99:764-74, 24 May 69 (Ger)
[Contribution on the clinical aspects and therapy of testicular tumors] Röhl L, et al. Urologe 7:311-5, Nov-Dec 68 (Ger)
[Morphologic study of reticulosarcoma and lymphosarcoma of the testis] Martinazzi M, et al. Arch De Vecchi Anat Pat 50:373-88, Nov 67 (Ita)

SURGERY

Leiomyoma of the vas deferens. Dougall AJ, et al. Brit J Urol 41:348-50, Jun 69
Paratesticular tumours. Williams G, et al. Brit J Urol 41:332-9, Jun 69
Lymphadenectomy and radiation therapy in malignant tumors of the testicle other than pure seminoma. Castro JR. Cancer 24:87-91, Jul 69
Spermatocytic seminoma. I. Clinicopathologic study of six cases and review of the literature. Rosai J, et al. Cancer 24:92-102, Jul 69
Bilateral testicular tumors in untreated congenital adrenocortical hyperplasia. Earll JM, et al. JAMA 209:937-9, 11 Aug 69
Urologic surgery. Fraley EE, et al. New Eng J Med 281:355-64, 14 Aug 69 (79 ref.)
Surgery of testicular tumors. McKiel CF Jr. Surg Clin N Amer 49:99-103, Feb 69
[The significance of lymphography in the diagnosis and treatment of malignant testicular tumors] Burgener F, et al. Schweiz Med Wschr 99:764-74, 24 May 69 (Ger)
[Contribution on the clinical aspects and therapy of testicular tumors] Röhl L, et al. Urologe 7:311-5, Nov-Dec 68 (Ger)
[Morphologic study of reticulosarcoma and lymphosarcoma of the testis] Martinazzi M, et al. Arch De Vecchi Anat Pat 50:373-88, Nov 67 (Ita)

THERAPY

[Contribution on the clinical aspects and therapy of testicular tumors] Röhl L, et al. Urologe 7:311-5, Nov-Dec 68 (Ger)
[Current trends in an immunological approach in cancer therapy] Ishibashi Y. J Jap Med Ass 61:271-82, Feb 69 (Jap)

URINE

Recent studies on androgenic function in human subjects. Ismail AA, et al. J Obstet Gynaec Brit Comm 75:929-40, Sep 68 (78 ref.)

TESTIS

ABNORMALITIES

Two types of Sertoli cells in man. Johnsen SG. Acta Endocr (Kobenhavn) 61:111-6, May 69

INJURIES

Foreskin and vulva as ancillary tissue pedicle sources. Tuerk M. Panminerva Med 11:217-20, Apr 69

THECA CELL TUMOR

Luteoma of pregnancy: steroidogenic and morphologic considerations. Rice BF, et al. Amer J Obstet Gynec 104:871-8, 15 Jul 69
Hypothalamicohypophyseal portal system in experimental ovarian tumorigenesis. China Med 3:175-87, Mar 68

CHEMICALLY INDUCED

[Hormonally active ovarian tumors in rabbits induced with methylcholanthrene 2 years after the experiment] Różewicki S, et al. Pat Pol 20:73-84, 1969 (Pol)

COMPLICATIONS

[Thecoma and adenocarcinoma of the endometrium. (Anatomo-clinical observations on a case)] Magliulo S. Rass Int Clin Ter 49:483-90, 30 Apr 69 (Ita)
[Folliculoma of the right ovary] Tomczyk L. Wiad Lek 22:571-3, 15 Mar 69 (Pol)

METABOLISM

Luteoma of pregnancy: steroidogenic and morphologic considerations. Rice BF, et al. Amer J Obstet Gynec 104:871-8, 15 Jul 69

OCCURRENCE

[Genital malignancies from 1956-1965 in the district of Potsdam] Gemperle F. Z Aerztl Fortbild (Jena) 63:160-3, 1 Feb 69 (Ger)

PATHOLOGY

Luteoma of pregnancy: steroidogenic and morphologic considerations. Rice BF, et al. Amer J Obstet Gynec 104:871-8, 15 Jul 69

RADIOTHERAPY

[On the therapy of advanced malignant tumors] Fochem K. Strahlentherapie 135:524-7, May 68 (Ger)

TURNER'S SYNDROME

Maximum palatal height in patients with Turner's syndrome. Johnson R, et al. J Dent Res 48:473-6, May-Jun 69
Turner's syndrome (gonadal dysgenesis): clinical, dermatoglyphic and chromosomal features. Cheah JS, et al. Med J Malaya 23:181-8, Mar 69
[3 sisters with pure gonadal dysgenesis and XY

karyotype] Stănesco V, et al.
Ann Endocr (Paris) 29:449-59, Jul-Aug 68 (Fre)
[Cytogenetic and anatomo-clinical correlations in gonadal dysgenesis] Guinet P, et al.
Rev Lyon Med 17:995-1060, 30 Dec 68 (Fre)
The nosologic place of the XO-XY mosaicism] Pfeiffer RA, et al.
Arch Gynaek 206:369-410, 1968 (142 ref.) (Ger)
[Role of chromosome anomalies in pathology] Koller PC. Recent Progr Med (Roma) 46:246-65, Mar 67 (Ita)
[Dermatoglyphics of the hand] Boczkowski K, et al.
Endokr Pol 20:239-48, May-Jun 69 (16 ref.) (Pol)
[Manifestations of Turner's syndrome in a 10-year-old boy] Walczak M, et al.
Wiad Lek 22:945-7, 15 May 69 (Pol)
[Relation between mental development and dermatoglyphics in Turner's syndrome] Ciovîrnache M, et al. Stud Cercet Endocr 19:519-24, 1968 (Rum)
[Dental anomalies in Turner's syndrome] Gherga-Negrea A.
Stud Cercet Endocr 19:497-502, 1968 (Rum)
[Monosomy X in the mosaic. I(XO-XX, XO-XXX, XO-XX-XXX)] Izakovič V.
Bratisl Lek Listy 51:725-33, 1969 (Slo)
[Monosomy X (karyotype 45, X)] Izakovič V.
Bratisl Lek Listy 51:589-99, 1969 (Slo)

BLOOD

[Radio-immunologic determination of gonadotropins] Franchimont P.
Ann Endocr (Paris) 29:403-31, Jul-Aug 68 (Fre)

CLASSIFICATION

[On the variants on Turner's syndrome] Barta L, et al.
Acta Paediat Acad Sci Hung 9:305-13, 1968 (Ger)
[Gonadal dysgenesis. Etiology; pathogenesis; classification] Milcu SM, et al.
Stud Cercet Endocr 19:459-72, 1968 (36 ref.) (Rum)

COMPLICATIONS

Ovarian dysplasia. Gupta VB, et al.
J Indian Med Ass 51:138-9, 1 Aug 68
XY gonadal dysgenesis and malignancy. Fischer P, et al.
Lancet 2:110, 12 Jul 69
[Incidence of antibodies, diabetes and lymphoma in conditions caused by chromosomal disorders] Engelberth O, et al. Sborn Lek 71:123-30, May 69 (Cze)
Gonadal dysgenesis with gonocytoma] Guinet P, et al.
Rev Lyon Med 17:975-94, 30 Dec 68 (Fre)
Lymphoreticular dysgenesis by Turner-syndrome] Vogel M. Verh Deutsch Ges Path 52:455-8, 1968 (Ger)
Turner's syndrome and choked papilla] Otto K, et al.
Z Aerztl Fortbild (Jena) 63:346-7, 15 Mar 69 (Ger)
On types of mental disorders in Klinefelter's and Shereshevsky-Turner's syndromes in adults] Rakhal'skiĭ IuE, et al.
Zh Nevropat Psikhiat Korsakov 69:407-9, 1969 (Rus)

DIAGNOSIS

Gonadal dysgenesis] Hortling H.
Duodecim 85:230-6, 1969 (21 ref.) (Fin)
[Essential dwarfism and XO-XX mosaicism] Aubert L, et al. Presse Med 77:1051-2, 14 Jun 69 (Fre)
[On the variants on Turner's syndrome] Barta L, et al.
Acta Paediat Acad Sci Hung 9:305-13, 1968 (Ger)
[Significance of chromosome aberrations to the pediatrician] Stoeckenius M.
Mschr Kinderheilk 116:446-8, Jul 68 (Ger)
[On the diagnosis and differential diagnosis of pituitary dwarfism (nanosomia pituitaria)] Mannstadt C, et al.
Z Aerztl Fortbild (Jena) 62:1094-9, 1 Oct 68 (Ger)
[On types of mental disorders in Klinefelter's and Shereshevsky-Turner's syndromes in adults] Rakhal'skiĭ IuE, et al.
Zh Nevropat Psikhiat Korsakov 69:407-9, 1969 (Rus)

ETIOLOGY

Models for cytogenetics and embryology. Benirschke K. Fed Proc 28:170-8, Jan-Feb 69 (76 ref.)
[Gonadal dysgenesis. Etiology; pathogenesis; classification] Milcu SM, et al.
Stud Cercet Endocr 19:459-72, 1968 (36 ref.) (Rum)

FAMILIAL & GENETIC

Gonadal dysgenesis as an autosomal recessive condition. Christakos AC, et al.
Amer J Obstet Gynec 104:1027-30, 1 Aug 69
Alterations in chromosomes and DNA content in gynecologic neoplasms. Richart R, et al.
Amer J Obstet Gynec 104:463-71, 15 Jun 69 (53 ref.)
[3 sisters with pure gonadal dysgenesis and XY karyotype] Stănesco V, et al.
Ann Endocr (Paris) 29:449-59, Jul-Aug 68 (Fre)

IMMUNOLOGY

Autoimmunity in women with sex chromosome aneuploidy and in their parents compared to controls. Price WH, et al. Clin Exp Immun 4:365-74, Apr 69

PATHOLOGY

The phenotype and gonadal histology in XO-XY mosaic individuals: report of two personal cases. Van Campenhout J, et al.
J Obstet Gynaec Brit Comm 76:631-9, Jul 69
[Contribution to the knowledge of Turner's syndrome. Anatomo-histological aspects of the genital system] Bellone F.
Arch Sci Med (Torino) 125:560-9, Nov 68 (Ita)
[Turner's syndrome and tuberculosis of the endometrium. (Anatomo-clinical and pathogenetic study)] Marin A, et al.
Riv Anat Pat Oncol 30:207-25, Aug-Sep 67 (Ita)

RADIOGRAPHY

[Turner's syndrome and choked papilla] Otto K, et al.
Z Aerztl Fortbild (Jena) 63:346-7, 15 Mar 69 (Ger)

III. Gonadal Hormones, Precursors, Metabolites and Synthetic Analogs

ANABOLIC STEROIDS

ADVERSE EFFECTS

[On Sudeck's syndrome] Frank E.
Munchen Med Wschr 111:600-3, 14 Mar 69 (Ger)

ANALYSIS

Production of the parent hydrocarbons from steroid drugs and their separation by gas chromatography. Adhikary PM, et al. J Chromatogr 42:29-38, 3 Jun 69
Menarche and pubarche.
New Eng J Med 280:1483, 26 Jun 69

METABOLISM

Nutritional and metabolic effects of anabolic steroids and corticosteroids. Albanese AA.
J Amer Med Wom Ass 24:123-40, Feb 69 (99 ref.)
[Metabolism of 3-deoxosteroid in the rabbit liver. 2] Okada H, et al.
Folia Endocr Jap 44:1274-6, 20 Mar 69 (Jap)

PHARMACODYNAMICS

The effects of cortisone and anabolic steroids on the tensile strength of healing wounds. Ehrlich HP, et al.
Ann Surg 170:203-6, Aug 69
[On the effects of anabolic steroids on development] Lukács FV, et al.
Acta Paediat Acad Sci Hung 9:337-53, 1968 (Ger)
[Preliminary observations on the metabolism of cortisol in normal subjects treated with methandrostenolone and quinbolone] Correale L, et al.
Arch Maragliano Pat Clin 25:133-8, Mar-Apr 69 (Ita)

THERAPEUTIC USE

Anti-convulsant action of anabolic steroids. Kalyanpur SG, et al. Biochem Pharmacol 18:957-9, Apr 69
[Contribution to the clinical features and therapy of osteoporosis] Rolle J.
Med Welt 49:2724-6, Dec 68 (Ger)
[Therapeutic practice. XV. Therapy of the nephrotic syndrome] Schütterle G, et al.
Med Welt 11:729-32, 16 Mar 68 (Ger)
[On Sudeck's syndrome] Frank E.
Munchen Med Wschr 111:600-3, 14 Mar 69 (Ger)
[Contribution to the use of a new anabolic steroid, Androstanazol, in the first and second stages of childhood] Rizzo A.
Minerva Pediat 21:1068-108, 16 Jun 69 (Ita)
[Different responses to anabolizing steroid therapy in premature and dystrophic infants] Vaccari A, et al.
Minerva Pediat 19:2007-11, 10 Nov 67 (Ita)
[The place of anabolic steroids in cancer therapy] Host H. T Norsk Laegeforen 89:417-8, 15 Mar 69 (Nor)
[Treatment of cutaneous porphyrias] Gheorghiu G, et al. Med Intern (Bucur) 20:1343-52, Nov 68 (Rum)
[Various indiced of the general immunologic reactivity of children with chronic pneumonia] Zharikova ZN, et al. Zh Mikrobiol 46:100-4, Jan 69 (Rus)

ANDROGENS

[Developments in the concept of the androgenic receptor] Mauvais-Jarvis P.
Presse Med 77:1128, 28 Jun 69 (Fre)

ADMINISTRATION & DOSAGE

Androgens and growth. Rayner PH.
Brit Med J 2:696, 14 Jun 69

ANALYSIS

A study of the unconjugated steroids of bovine heart. II. Comparison of steroids of the male heart with those of the female heart. Metz EA.
J Amer Osteopath Ass 68:1052-4, Jun 69
An improved solvent system for thin-layer chromatography of adrenal steroids. Levin SS, et al.
J Chromatogr 42:129-30, 3 Jun 69
Some effects of unilateral cryptorchism and vasectomy on sexual development of the pubescent ram and bull. Skinner JD, et al. J Endocr 42:311-21, Oct 68

ANTAGONISTS & INHIBITORS

In vitro uptake of tritiated testosterone and oestradiol by the lateral lobe of the hypertrophied human prostate and the accessory sex glands of the rat--a pilot study. Jonsson CE.
Acta Endocr (Kobenhavn) 61:25-32, May 69
The response of the rat testis to prolonged administration of an androgen antagonist (cyproterone). Mietkiewski K, et al.
Acta Endocr (Kobenhavn) 60:561-70, Apr 69
[Antiandrogens in dermatology. (Gravimetric fatdeterminations during the application of cyproterone)] Winkler K.
Arch Klin Exp Derm 233:296-308, 1968 (Ger)
[Effect of testosterone and an anti-androgen (cyproterone) on glucuronide formation in the liver] Müller-Oerlinghausen B, et al.
Naunyn Schmiedeberg Arch Pharm Exp Path 260:179-80, 1968 (Ger)
[Androgen treatment and anti-androgens] König MP.
Schweiz Med Wschr 99:744-7, 17 May 69 (Ger)

BIOSYNTHESIS

The direct action of melatonin and serotonin on testicular androgen production in vitro. Ellis LC.
J Reprod Fertil 18:159, Feb 69
[Biosynthesis and metabolism of androgens in the testis in puberty] Oshima H.
Clin Endocr (Tokyo) 17:101-7, Feb 69 (Jap)

BLOOD

Determination of steroid mono- and disulfates in human plasma. Jänne O, et al.
Clin Chim Acta 23:405-12, Mar 69
The binding of steroids to plasma proteins in normal women and women with breast cancer. Wang DY, et al.
Europ J Cancer 5:247-53, Jun 69
Laboratory aids in the diagnosis of endocrine disorders. Katz FH. Med Clin N Amer 53:79-95, Jan 69 (43 ref.)

METABOLISM

Bone and joint changes in haemochromatosis. Wardle EN, et al. Ann Rheum Dis 28:15-23, Jan 69
The metabolism of steroids by skin in man. Grant JK.
Brit J Derm 81:Suppl 2:18-22, 1969 (9 ref.)
The metabolism of androgens by sebaceous glands. Milne JA. Brit J Derm 81:Suppl 2:23-8, 1969 (20 ref.)
Development of endocrine function in the human placenta and fetus (first of two parts). Villee DB.
New Eng J Med 281:473-84, 28 Aug 69 (88 ref.)
[Meaning of the foeto-placental unit in the steroid metabolism] Rappaport R.
Ann Pediat (Paris) 16:62-4, 2 Jan 69 (Fre)
[Influence of sex hormones on the metabolism of androgens] Mauvais-Jarvis P, et al.
Rev Franc Etud Clin Biol 14:159-68, Feb 69 (Fre)

PHARMACODYNAMICS

Pharmacological control of reproduction in women. Harper MJ.
Fortschr Arzneimitteiforsch 12:47-136, 1968 (748 ref.)
Development of bisexuality in the male rat treated neonatally with androstenedione. Goldfoot DA, et al.
J Comp Physiol Psychol 67:41-5, Jan 69
Renal and extrarenal erythropoietin in man. Murphy GP, et al. New York J Med 69:2007-11, 15 Jul 69

Biological profile of quingestanol acetate. Giannina T, et al. **Proc Soc Exp Biol Med** 131:781-9, Jul 69
Hormonal regulation of nucleic acid and protein synthesis. O'Malley BW.
Trans NY Acad Sci 31:478-503, May 69
Hormonal influences on the blood picture] Bucher U, et al. **Schweiz Med Wschr** 99:748-51, 17 May 69 **(Ger)**

PHYSIOLOGY

Recent studies on androgenic function in human subjects. Ismail AA, et al.
J Obstet Gynaec Brit Comm 75:929-40, Sep 68 (78 ref.)
Hormonal influences on the blood picture] Bucher U, et al. **Schweiz Med Wschr** 99:748-51, 17 May 69 **(Ger)**
Some findings on the androgen functions of the adrenal cortex in female obesity] Ferramosca B, et al. **Endocr Sci Cost** 29:323-43, Nov 67 (43 ref.) **(Ita)**
Endocrinology] Yoshida H.
Naika 23:40-6, Jan 69 (25 ref.) **(Jap)**

SECRETION

Prolactin and the ventral prostate gland in juvenile rats. Von Berswordt-Wallrabe, et al.
Experientia 25:533-4, 15 May 69
Recent studies on androgenic function in human subjects. Ismail AA, et al.
J Obstet Gynaec Brit Comm 75:929-40, Sep 68 (78 ref.)
Discriminants and breast cancer. Bulbrook RD, et al.
Lancet 1:1161, 7 Jun 69
Discriminants and breast cancer. Wade AP, et al.
Lancet 2:54, 5 Jul 69
Effects of antiserum to human chorionic gonadotropin on the spermatogenesis of hypophysectomized rats injected with pregnant mare serum gonadotropin. Ogasa A, et al.
Nat Inst Anim Health Quart (Tokyo) 9:45-52, Spring 69
Adrenal cortex function tests and their interpretation] Miura K.
Jap J Clin Med 27:278-85, Feb 69 (61 ref.) **(Jap)**

THERAPEUTIC USE

Chromosomal aberrations in two cases of inherited aplastic anemia with unusual clinical features. Hirschman RJ, et al. **Ann Intern Med** 71:107-17, Jul 69
Experimental therapeutic investigations with 1-(morpholinomethyl)-4-phthalimido-piperidindione-2,6 on dimethylbenzanthracene-induced tumors of Sprague-Dawley rats. Mückter H, et al.
Cancer Res 29:1212-7, Jun 69
Fluoride treatment of bone rarefaction in multiple myeloma and osteoporosis. A review. Cohen P, et al.
Clin Orthop 64:221-49, May-Jun 69 (105 ref.)
Drugs for treatment of fluor albus. 18] Götz HG.
Pharm Prax 9:275-82, 1967 **(Ger)**
The results of the treatment of carcinoma of the female breast with contrasexual hormones, with particular reference to Barr's nuclear body] Schöll A, et al. **Verh Deutsch Ges Path** 52:426-30, 1968 **(Ger)**
A study of radiation hypophysectomy for prostatic cancer. (I) Review of the pituitary ablation in literature] Momose G, et al.
Jap J Urol 60:145-57, Feb 69 (192 ref.) **(Jap)**
On the relation between radiation-protective effect of androgens and their anabolic effect] Efimov IN.
Radiobiologiia 8:758-60, Sep-Oct 68 **(Rus)**

URINE

Urinary steroid excretion in a hirsute patient with ovarian cortical stromal hyperplasia and endometrial carcinoma. Mahesh VG, et al.
Amer J Obstet Gynec 104:802-3, 15 Jun 69
Non-tumorous "primary" aldosteronism. I. Type relieved by glucocorticoid (glucocorticoid-remediable aldosteronism). Salti IS, et al. **Canad Med Ass J** 101:1-10, 12 Jul 69
Hormonal background of male sterility] Kaivola S, et al. **Duodecim** 85:237-44, 1969 (32 ref.) **(Fin)**
Excretion of androgens and estrogens in healthy subjects and patients with kidney failure. Studies with tritium-labeled steroids] Bolt W, et al.
Verh Deutsch Ges Inn Med 74:1215-8, 1968 **(Ger)**

ANDROSTANES

Conversion of steroids to trimethylsilyl derivatives for gas phase analytical studies: reactions of silylating reagents. Chambaz EM, et al.
Anal Biochem 30:7-24, Jul 69
A souble 17 beta-hydroxysteroid dehydrogenase from human placenta. The binding of pyridine nucleotides and steroids. Jarabak J, et al.
Biochemistry (Wash) 8:2203-12, May 69
Delta-5-3-ketosteroid isomerase activities in guinea-pig adrenal glands: the role of copper ions. Ewald W, et al.
Biochim Biophys Acta 167:444-55, 8 Oct 68
The reaction of delta-5-androstene-3,17-dione with cupric ion. Koerner DR.
Biochim Biophys Acta 176:880-2, 10 Jun 69
Maternal and fetal effects of two inhibitors of 3 beta-hydroxysteroid dehydrogenase and delta 5-4,3-ketosteroid isomerase in the rat. Goldman AS.
Endocrinology 85:325-9, Aug 69
Preparation and physico-chemical properties of some steroid heptafluorobutyrates and 3-enol heptafluorobutyrates. Dehennin LA, et al.
Steroids 13:739-61, Jun 69
Estrogens, proestrogens and antiestrogens. Emmens CW, et al. **Steroids** 13:725-30, Jun 69
The synthesis of 3-beta, 16-alpha, 19-trihydroxyandrost-5-en-17-one. Petersen LP, et al.
Steroids 13:793-802, Jun 69
[On the directors effect on spinal transposition] Bascoul J, et al.
Tetrahedron Lett 28:2401-5, Jun 69 **(Fre)**
[Solvolysis of 3,17-dioxo-19-mesyloxy-delta-4-androstene] Wieland P, et al. **Helv Chim Acta** 52:453-9, 1969 **(Ger)**

ADMINISTRATION & DOSAGE

Pancuronium bromide: a new non-depolarizing muscle relaxant. Komesaroff D, et al.
Med J Aust 1:908-11, 3 May 69

ANALYSIS

Levels of testosterone, androstenedione, estrone and estradiol-17 beta in the testes of fetal sheep. Attal JA.
Endocrinology 85:280-9, Aug 69
An improved method for isolation and identification of hydroxylated testosterone metabolites as trimethylsilyl ethers from biological material. Demisch K, et al. **Europ J Biochem** 9:378-82, Jun 69
A-nor-5-alpha-androstane derivatives. IV. New structures with potential antiimplantation activity. Minssen-Guetté M, et al. **J Med Chem** 12:388-93, May 69

ANTAGONISTS & INHIBITORS

Pancuronium bromide: a new non-depolarizing muscle relaxant. Komesaroff D, et al.
Med J Aust 1:908-11, 3 May 69

BIOSYNTHESIS

Steroid formation in porcine ovarian tissue in vitro. Mode of biosynthesis of androstenedione. Aakvaag A.
Acta Endocr (Kobenhavn) 60:621-34, Apr 69
Luteoma of pregnancy: steroidogenic and morphologic considerations. Rice BF, et al.
Amer J Obstet Gynec 104:871-8, 15 Jul 69
Effect of diethylstilbestrol on enzymes of cryptochid mouse testes of Balb-c mice. Samuels LT, et al.
Endocrinology 85:96-102, Jul 69
Biosynthesis of 18-hydroxytestosterone in the human foetal liver. Lisboa BP, et al.
Europ J Biochem 9:402-5, Jun 69
De novo formation and metabolism of steroid hormones in feminizing testes: biochemical and ultrastructural studies. Pérez-Palacios G, et al.
J Clin Endocr 29:786-800, Jun 69
[The pineal gland, melatonin and testicular steroidogenesis] Balestreri R, et al.
Arch Maragliano Pat Clin 25:119-25, Mar-Apr 69 **(Ita)**

BLOOD

Interrelation between adrenal function and formation of testosterone in vivo in the testis of the dog. Wassermann GF, et al.
Acta Endocr (Kobenhavn) 61:33-47, May 69
Determination of steroid mono- and disulfates in human plasma. Jänne O, et al.
Clin Chim Acta 23:405-12, Mar 69
Neutral C19-steroids and steroid sulfates in human pregnancy. V. Isolation and identification of

unconjugated testosterone and androstenedione from pooled cord blood. Simmer HH, et al. **Steroids** 13:835-47, Jun 69

CHEMICAL SYNTHESIS

Nitrate esters of steroid hormones and related compounds. Preparation and biological properties. Hodoşan F, et al. **Arzneimittelforschung** 19:684-5, Apr 69

A-nor-5-alpha-androstane derivatives. IV. New structures with potential antiimplantation activity. Minssen-Guetté M, et al. **J Med Chem** 12:388-93, May 69

Thia steroids. I. 2-Thia-A-nor-5-alpha-androstan-17-beta-ol, an active androgen. Wolff ME, et al. **J Med Chem** 12:629-31, Jul 69

The synthesis of 3-beta, 16-alpha, 19-trihydroxyandrost-5-en-17-one. Petersen LP, et al. **Steroids** 13:793-802, Jun 69

A synthesis of 16-beta,17-beta-iminoandrostanes. Matthews GJ, et al. **Tetrahedron Lett** 23:1833-6, May 69

Stereoselective synthesis of samandarine nucleus. Oka K, et al. **Tetrahedron Lett** 24:1987-90, May 69

[Solvolysis of 3,17-dioxo-19-mesyloxy-delta-4-androstene] Wieland P, et al. **Helv Chim Acta** 52:453-9, 1969 (Ger)

ISOLATION & PURIFICATION

Influence of steroid distribution between microsomes and soluble fraction on steroid metabolism by microsomal enzymes. Matsumoto K, et al. **Endocrinology** 85:402-9, Sep 69

An improved method for isolation and identification of hydroxylated testosterone metabolites as trimethylsilyl ethers from biological material. Demisch K, et al. **Europ J Biochem** 9:378-82, Jun 69

Biosynthesis of allo-3-beta-tetrahydrocortisol (Reichstein's substance V) by an adrenal adenoma. Axelrod LR, et al. **J Clin Endocr** 29:936-41, Jul 69

[Metabolism of 9beta, 10alpha-testosterone in tissue preparations of rat liver and bovine adrenal glands] Breuer H, et al. **Hoppe Seyler Z Physiol Chem** 350:581-90, May 69 (Ger)

METABOLISM

The in vitro utulization of (4-14C)-dehydroisoandrosterone by human adrenocortical tumors associated with virilism. Neville AM, et al. **Steroids** 13:821-33, Jun 69

[Influence of sex hormones on the metabolism of androgens] Mauvais-Jarvis P, et al. **Rev Franc Etud Clin Biol** 14:159-68, Feb 69 (Fre)

[Testosterone metabolism in the isolated perfused guinea pig liver] Demisch K, et al. **Europ J Biochem** 7:324-7, Jan 69 (Ger)

PHARMACODYNAMICS

Nitrate esters of steroid hormones and related compounds. Preparation and biological properties. Hodoşan F, et al. **Arzneimittelforschung** 19:684-5, Apr 69

Effect of steroids on neuropharmacologic blockade of ovulation in pregnant mare's serum (PMS)-primed immature rats. Ying SY, et al. **Endocrinology** 84:1466-74, Jun 69

Metabolism and hematology at high altitude and the effect of drugs on acclimatization. Albrecht E, et al. **Fed Proc** 28:1118-23, May-Jun 69

Ergometric, rheographic, reflexographic, and electrocardiographic tests at altitude and effect of drugs on human physical performance. Albrecht H, et al. **Fed Proc** 28:1262-7, May-Jun 69

A-nor-5-alpha-androstane derivatives. IV. New structures with potential antiimplantation activity. Minssen-Guetté M, et al. **J Med Chem** 12:388-93, May 69

Thia steroids. I. 2-Thia-A-nor-5-alpha-androstan-17-beta-ol, an active androgen. Wolff ME, et al. **J Med Chem** 12:629-31, Jul 69

Pancuronium bromide: a new non-depolarizing muscle relaxant. Komesaroff D, et al. **Med J Aust** 1:908-11, 3 May 69

THERAPEUTIC USE

Studies on relative oestrogen concentrations in human malignant breast tumours. Ames F, et al. **Brit J Surg** 56:615, Aug 69

[Hormone analysis and androgen therapy in male sterility] Silló-Seidl G. **Med Klin** 64:539-42, 21 Mar 69 (Ger)

URINE

[Influence of sex hormones on the metabolism of androgens] Mauvais-Jarvis P, et al. **Rev Franc Etud Clin Biol** 14:159-68, Feb 69 (Fre)

[Excretion of testosterone and epitestosterone in women at the end of pregnancy] Scholberg K, et al. **Acta Endocr (Kobenhavn)** 60:579-85, Apr 69 (Ger)

CHLORMADINONE

Chlormadinone acetate as oral contraceptive. Butler C, et al. **Lancet** 1:1262, 21 Jun 69

Chlormadinone acetate as oral contraceptive. Christie GA. **Lancet** 1:1262, 21 Jun 69

Chlormadinone acetate as oral contraceptive. Christie GA. **Lancet** 2:60, 5 Jul 69

Continuous chlormadinone acetate: is it an effective oral contraceptive? **Lancet** 2:197-8, 26 Jul 69

ADMINISTRATION & DOSAGE

Effect of continuous administration of small doses of chlormadinone acetate on the cervical mucus and postcoital test. Gibor Y, et al. **Fertil Steril** 20:572-80, Jul-Aug 69

Low-dose continuous chlormadinone acetate as an oral contraceptive. A clinical trial. Howard G, et al. **Lancet** 2:24-6, 5 Jul 69

[Blood coagulation tests during continouos use of small doses of chlormadinone acetate] Acevedo y Pérez Salaza, et al. **Ginec Obstet Mex** 24:211-5, Feb 69 (Spa)

[Secondary effects using a new contraceptive methods. (Chlormadinone 0.5 mg. in continuous use)] Morales Lepe C, et al. **Ginec Obstet Mex** 24:197-202, Feb 69 (Spa)

ADVERSE EFFECTS

Preliminary evaluation of four oral contraceptives containing only progestogens. Mears E, et al. **Brit Med J** 1:730-4, 21 Jun 69

Low-dose continuous chlormadinone acetate as an oral contraceptive. A clinical trial. Howard G, et al. **Lancet** 2:24-6, 5 Jul 69

PHARMACODYNAMICS

Depression of physical activity by contraceptive pills. Morris NM, et al. **Amer J Obstet Gynec** 104:1012-4, 1 Aug 69

Cell renewal in the human cervix uteri; a radioautographic study DNA, RNA, and protein synthesis. Schellhas HF, et al. **Amer J Obstet Gynec** 104:617-32, 1 Jul 69

Role of mucopolysaccharides and lysosomal hydrolases in endometrial regression following withdrawal of estradiol and chlormadinone acetate. I. Epithelium and stroma. Smith RE, et al. **Endocrinology** 85:50-66, Jul 69

Effect of continuous administration of small doses of chlormadinone acetate on the cervical mucus and postcoital test. Gibor Y, et al. **Fertil Steril** 20:572-80, Jul-Aug 69

Formation of steroid hormones in the porcine ovary in vitro. Aakvaag A. **J Endocr** 43:xxv-xxvi, Jan 69

Effect of oral contraceptives on the cardiovascular system of normal females. el-Sherif A, et al. **J Obstet Gynaec Brit Comm** 76:542-4, Jun 69

Orally active oestrogens and progestins in prevention of pregnancy in rats. Banik UK, et al. **J Reprod Fertil** 18:509-15, Apr 69

Control of sexual activity in ranch cows by intramuscular and intravaginal administration of progestagens. Hale DH, et al. **J Reprod Fertil** 18:193-6, Mar 69

Low-dose continuous chlormadinone acetate as an oral contraceptive. A clinical trial. Howard G, et al. **Lancet** 2:24-6, 5 Jul 69

[10 years of research using steroids as controllers of ovulation] Martínez-Manautou J. **Gac Med Mex** 98:1560-75, Dec 68 (Spa

THERAPEUTIC USE

Preliminary evaluation of four oral contraceptives containing only progestogens. Mears E, et al. **Brit Med J** 1:730-4, 21 Jun 69

[Clinical trial of chlormadinone (5 mg) in the preservation of endangered pregnancy] Serment H, et al. **Rev Franc Gynec Obstet** 64:117-8, Mar 69 **(Fre)**

[Estro-progestogenic therapy of the "menopausal syndrome", using a sequential technic] Zinelli G, et al. **Ann Ostet Ginec** 90:873-95, Dec 68 **(Ita)**

[PROPOS OF THE PREVENTION OF MOLES] Mey R. **Folia Clin Int (Barc)** 17:264-5, May 67 **(Spa)**

[Histochemical and morphological studies of the endometrium of women treated with chlormadinone] Medina del Campo JJ, et al. **Ginec Obstet Mex** 24:217-21, Feb 69 **(Spa)**

CLOMIPHENE

ADMINISTRATION & DOSAGE

Persistent estrus: an experimental model of the polycystic ovary syndrome. Singh KB. **Obstet Gynec Survey** 24:2-17, Jan 69 (111 ref.)

DIAGNOSTIC USE

Familial galactorrhea in three sisters with oligo-ovulation. Wider JA, et al. **JAMA** 209:669-71, 4 Aug 69

PHARMACODYNAMICS

Mode of action of clomiphene. I. Inhibitory effect of clomiphene citrate on the formation of progesterone from acetate-1-14C by human corpus luteum slices in vitro. Hammerstein J. **Acta Endocr (Kobenhavn)** 60:635-44, Apr 69

Effect of clomiphene and compound 48-80 on uterine glycogen in the rat. Mohla S, et al. **Fertil Steril** 20:654-60, Jul-Aug 69

Ovulation-inducing action of clomiphene citrate in the rat. Döcke F. **J Reprod Fertil** 18:135-7, Feb 69

THERAPEUTIC USE

The induction of ovulation. Edwards RL. **Dist Nurs** 12:64-7, Jul 69

Clomiphene citrate in the treatment of luteal phase defects. Echt CR, et al. **Fertil Steril** 20:564-71, Jul-Aug 69

Induction of ovulation. Nelson TE. **J Kansas Med Soc** 70:331-6, Jul 69

Variations in steroid responses following ovarian stimulation in women with amenorrhoea. Cox RK. **J Reprod Fertil** 19:386, Jul 69

[Diagnosis and treatment of female sterility caused by hormonal disturbances] Hirvonen E. **Duodecim** 85:203-10, 1969 **(Fin)**

[Preliminary observations on the use of clomiphene in subjects with menstrual disorders and sterility] Moneta E. **Ann Ostet Ginec** 89:590-636, Sep 67 **(Ita)**

CONTRACEPTIVES, ORAL

Transient arthritis after rubella vaccination. Cooper LZ, et al. **Amer J Dis Child** 118:218-25, Aug 69

Acceleration of a public health department family planning program: referral from well baby clinics in Muscogee County, Georgia. Hatcher RA, et al. **Amer J Public Health** 59:1217-25, Jul 69

Effects of oral contraceptives. Kalman SM. **Ann Rev Pharmacol** 9:363-78, 1969 (72 ref.)

Psychosocial response to vasectomy. Ziegler FJ, et al. **Arch Gen Psychiat (Chicago)** 21:46-54, Jul 69

Plasma testosterone-binding affinity and testosterone in umbilical cord plasma, late pregnancy, prepubertal children, and adults. August GP, et al. **J Clin Endocr** 29:891-9, Jul 69

Chlormadinone acetate as oral contraceptive. Butler C, et al. **Lancet** 1:1262, 21 Jun 69

Chlormadinone acetate as oral contraceptive. Christie GA. **Lancet** 1:1262, 21 Jun 69

Chlormadinone acetate as oral contraceptive. Christie GA. **Lancet** 2:60, 5 Jul 69

Continuous chlormadinone acetate: is it an effective oral contraceptive? **Lancet** 2:197-8, 26 Jul 69

Psychiatric aspects of oral contraceptives. Orchard WH. **Med J Aust** 1:872-6, 26 Apr 69

A manual of clinical contraception. Bill HE. **N Carolina Med J** 30:169-82, May 69

Green plasma in blood donors. Wolf P, et al. **New Eng J Med** 281:205, 24 Jul 69

Population and the pill. Barnes S. **Nurs Mirror** 129:36 passim, 18 Jul 69

Immediate postpartum use of sequential oral contraceptive therapy. Kates RB, et al. **Southern Med J** 62:694-6, Jun 69

[The trend of abortion in the municipality of Copenhagen 1965-68] Lundvall F, et al. **Ugeskr Laeg** 131:939-41, 22 May 69 **(Dan)**

[Ovulen, its effect on the endometrium, uterine cervix and ovary] Muller G, et al. **Gynec Obstet (Paris)** 67:521-32, Nov-Dec 68 **(Fre)**

[Comparative study of the effects of combined or sequential oral contraception] Palmer R. **Maroc Med** 49:9-12, Jan 69 **(Fre)**

[Studies of the serum cortisone level and total urinary corticoid excretion following inhalation of dexamethasone-21-isonicotinate in tuberculous patients and pregnant women] Laumen F. **Beitr Klin Erforsch Tuberk** 138:56-67, 1968 **(Ger)**

[Medicinal and medical problems due to new methods of birth control] Hepp H. **Hippokrates** 38:842-8, 15 Nov 67 **(Ger)**

[Birth control] Döring G. **Med Klin** 64:564, 21 Mar 69 **(Ger)**

[Contraception] Artner J. **Oest Hebammenzeitung** 14:79-80 passim, Aug 67 **(Ger)**

[Problems of oral contraception with special reference to the development, pharmacodynamics and effectiveness of currently used preparations] Richter RH. **Ther Umsch** 24:218-25, Jun 67 **(Ger)**

[Problems of current birth control] Heiss H. **Wien Med Wschr** 119:316-22, 26 Apr 69 **(Ger)**

[Clinical use of combined tablets of norethisterone 1.0 mg and mestranol.05 mg] Domon H, et al. **Clin Endocr (Tokyo)** 17:133-6, Feb 69 **(Jap)**

[Gonorrhoeal frequency continues to increase. The importance of medical factors] Lidén S. **Lakartidningen** 66:907-11, 26 Feb 69 **(Swe)**

ADMINISTRATION & DOSAGE

Oral contraception using a sequential method. A clinical investigation. Stenström B. **Acta Obstet Gynec Scand** 47:443-50, 1968

Effects of oral contraceptives. Kalman SM. **Ann Rev Pharmacol** 9:363-78, 1969 (72 ref.)

Effect of continuous administration of small doses of chlormadinone acetate on the cervical mucus and postcoital test. Gibor Y, et al. **Fertil Steril** 20:572-80, Jul-Aug 69

Oral contraception. Tyler ET, et al. **J Indian Med Ass** 51:605-8, 16 Dec 68

A clinical trial of a new totally synthetic low dose progestagen. Foss GL. **J Reprod Fertil** 18:59-66, Feb 69

Low-dose continuous chlormadinone acetate as an oral contraceptive. A clinical trial. Howard G, et al. **Lancet** 2:24-6, 5 Jul 69

A manual of clinical contraception. Bill HE. **N Carolina Med J** 30:169-82, May 69

[Secondary effects using a new contraceptive methods. (Chlormadinone 0.5 mg. in continuous use)] Morales Lepe C, et al. **Ginec Obstet Mex** 24:197-202, Feb 69 **(Spa)**

ADVERSE EFFECTS

Oral contraception using a sequential method. A clinical investigation. Stenström B. **Acta Obstet Gynec Scand** 47:443-50, 1968

Oral contraceptives and thromboembolic disease. Vessey MP. **Amer Heart J** 78:285-6, Aug 69

Oral contraceptives and relative risk of death from venous and pulmonary thromboembolism in the United States. Seigel DG, et al. **Amer J Epidem** 90:11-6, Jul 69

Breast secretions in normal women. Friedman S, et al. **Amer J Obstet Gynec** 104:846-9, 15 Jul 69

Clinical observations of vision abnormalities of patients taking oral contraceptives. Roever S. **Amer J Optom** 46:552-4, Jul 69

Effects of oral contraceptives. Kalman SM. **Ann Rev Pharmacol** 9:363-78, 1969 (72 ref.)

Effects of a cyclic steroid contraceptive regimen on mammary gland tumor induction in rats. Stern E, et al. **Brit J Cancer** 23:391-400, Jun 69

Review of arterial thrombosis in association with oral contraceptives. Keown D. **Brit J Surg** 56:486-8, Jul 69
Hypertension and the pill. Dussek JE.
Brit Med J 3:416-7, 16 Aug 69
Arthropathies and allied disorders. Hart FD.
Brit Med J 2:675-7, 14 Jun 69
Cerebral thrombosis and oral contraceptives. Jennett WB. **Brit Med J** 3:173, 19 Jul 69
Prevalence rates of uterine cervical carcinoma in situ for women using the diaphragm or contraceptive oral steroids. Melamed MR, et al.
Brit Med J 3:195-200, 26 Jul 69
Sequential oral contraception and clotting factors. Poller L, et al. **Brit Med J** 2:822-3, 28 Jun 69
Investigation of relation between use of oral contraceptives and thromboembolic disease. A further report. Vessey MP, et al.
Brit Med J 2:651-7, 14 Jun 69
Pharmacological control of reproduction in women. Harper MJ.
Fortschr Arzneimitteiforsch 12:47-136, 1968 (748 ref.)
The clinical characteristics of headache during impending cerebral infarction in women taking oral contraceptives. Gardner JH, et al.
Headache 8:108-11, Oct 68
Reactions to prescribed drugs. Visconti JA, et al.
J Amer Pharm Ass 9:210-4, May 69
Aberrant glandular polypi of the uterine cervix associated with contraceptive pills: pathology and pathogenesis. Govan AD, et al.
J Clin Path 22:84-9, Jan 69
Infarction of the small intestine associated with oral contraceptives. Lowry JB, et al.
J Irish Med Ass 62:260-2, Jul 69
Disturbances in the central vestibular system after oral contraceptives. Peitersen E. **J Laryng** 83:725-9, Jul 69
Familial galactorrhea in three sisters with oligo-ovulation. Wider JA, et al.
JAMA 209:669-71, 4 Aug 69
Oral contraceptives and immune responses.
JAMA 209:410, 21 Jul 69
Oral contraceptives and glucose tolerance. Clinch J, et al. **Lancet** 2:109-10, 12 Jul 69
Oral contraceptives and blood-pressure. Goodlin RC, et al. **Lancet** 1:1262-3, 21 Jun 69
Low-dose continuous chlormadinone acetate as an oral contraceptive. A clinical trial. Howard G, et al.
Lancet 2:24-6, 5 Jul 69
Oral contraceptives and depression. Price SA, et al.
Lancet 2:158-9, 19 Jul 69
Psychiatric aspects of oral contraceptives. Edwards IS.
Med J Aust 1:1054-5, 17 May 69
Psychiatric aspects of oral contraceptives. Grant EC.
Med J Aust 1:1106-7, 24 May 69
Psychiatric aspects of oral contraceptives. Macintosh AM. **Med J Aust** 1:1107, 24 May 69
Psychiatric aspects of oral contraceptives. Orchard WH. **Med J Aust** 1:872-6, 26 Apr 69
Oral contraceptives.
Med Lett Drugs Ther 10:66-8, 23 Aug 68
Photosensitivity to systemic and topical drugs.
Med Lett Drugs Ther 10:32, 12 Jan 68
A manual of clinical contraception. Bill HE.
N Carolina Med J 30:169-82, May 69
The role of oral contraceptive agents in cerebral arterial occlusion. Heyman A, et al.
Neurology (Minneap) 19:519-24, Jun 69
Recalcitrant condyloma acuminatum. Yaffee HS.
New Eng J Med 281:274, 31 Jul 69
Vaginal moniliasis in private practice. Davis BA.
Obstet Gynec 34:40-5, Jul 69
Ocular toxicity of commonly used systemic drugs. Goren SB. **Postgrad Med** 45:154-7, May 69
Developments in jaundice. Thompson RP, et al.
Postgrad Med J 45:196-201, Mar 69
Immediate postpartum use of sequential oral contraceptive therapy. Kates RB, et al.
Southern Med J 62:694-6, Jun 69
[Coronary thrombosis during treatment with oral contraceptives] Dalgaard JB, et al.
Nord Med 81:273-9, 27 Feb 69 **(Dan)**
[Thrombi, pregnancy and p-pills]
Ugeskr Laeg 131:890-2, 15 May 69 **(Dan)**
[Report from the Public Health Administration's Committee on Side-Effects (7). Reports on side-effects under therapy with drugs and peroral contraceptive agents during the period 1 August-31 December 1968] **Ugeskr Laeg** 131:846-9, 8 May 69 **(Dan)**
[Cerebral circulatory disorders and oral contraceptives] Fogelholm R, et al.
Duodecim 85:167-71, 1969 **(Fin)**
[Cytologic cervix uteri findings during treatment with oral ovulation inhibitors] Dacić Z.
Med Welt 51:3110-1, 23 Dec 67 **(Ger)**
[Brief report on the oral contraceptive Ortho-novum 2 mg] Florek E, et al. **Praxis** 58:92-4, 21 Jan 69 **(Ger)**
[Arterial cerebral circulatory disorders and other neurologic disorders while taking ovulation inhibitors] Probst C. **Praxis** 58:45-6, 14 Jan 69 **(Ger)**
[Peculiar changes of the epithelium and regressive processes in the endometrium of the body of the uterus] Schmid KO.
Verh Deutsch Ges Path 52:349-56, 1968 **(Ger)**
[On the modification of serum lipids in healthy women using ovulation inhibitors. I] Burger H, et al.
Z Geburtsh Gynaek 170:1-14, 1969 **(Ger)**
[Contraceptive drugs] Benassi CA.
Farmaco [Prat] 22:757-70, Dec 67 **(Ita)**

CHEMICAL SYNTHESIS

[Contraceptive drugs] Benassi CA.
Farmaco [Prat] 22:757-70, Dec 67 **(Ita)**

PHARMACODYNAMICS

Regulation of human gonadotropins. V. Effect of dydrogesterone on serum levels of follicle-stimulating and luteinizing hormones in women. Jafee RB, et al.
Amer J Obstet Gynec 104:1031-7, 1 Aug 69
Relationship between the oral contraceptive and folic acid metabolism. Serum folate concentrations. McLean FW, et al.
Amer J Obstet Gynec 104:745-7, 1 Jul 69
Depression of physical activity by contraceptive pills. Morris NM, et al.
Amer J Obstet Gynec 104:1012-4, 1 Aug 69
Effect of conjugated oestrogen upon gonadotrophin excretion patterns in fetile women. Kaivola S, et al.
Ann Chir Gynaec Fenn 57:596-602, 1968
Effects of oral contraceptives. Kalman SM.
Ann Rev Pharmacol 9:363-78, 1969 (72 ref.)
Drug binding by serum albumin. Implications of some recent observations. Crawford JS.
Brit J Anaesth 41:543-4, Jun 69
Biologically active cortisol in plasma of oestrogen-treated and normal subjects. Burke CW.
Brit Med J 2:798-800, 28 Jun 69
Albumin metabolism and oral contraception. Honger PE, et al. **Clin Sci** 36:41-5, Feb 69
Alteration by oral contraceptives of normal menstrual changes in plasma renin activity, concentration and substrate. Skinner SL, et al. **Clin Sci** 36:67-76, Feb 69
Effect of continuous administration of small doses of chlormadinone acetate on the cervical mucus and postcoital test. Gibor Y, et al.
Fertil Steril 20:572-80, Jul-Aug 69
Further studies on the mechanism of action of the anti-estrogen (U11555A) in the inhibition of pregnancy in the rat. Yoshida K, et al.
Fertil Steril 20:674-8, Jul-Aug 69
Pharmacological control of reproduction in women. Harper MJ.
Fortschr Arzneimitteiforsch 12:47-136, 1968 (748 ref.)
Inhibition of growth and width of tibial cartilage in rats by a contraceptive agent. Husain SM, et al.
Growth 33:17-24, Mar 69
Experimental production of hyperostosis frontalis interna in mice. Rudali G.
Israel J Med Sci 4:1230-5, Nov-Dec 68
Effects of prolonged feeding of an ovulation inhibitor (Lyndiol) on ageing of the hypothalamic-ovarian axis and pituitary gland tumorigenesis in rats. Zeilmaker GH. **J Endocr** 43:xxi-xxii, Jan 69
Oral contraception. Tyler ET, et al.
J Indian Med Ass 51:605-8, 16 Dec 68
Effect of oral contraceptives on the cardiovascular system of normal females. el-Sherif A, et al.
J Obstet Gynaec Brit Comm 76:542-4, Jun 69
Orally active oestrogens and progestins in prevention of pregnancy in rats. Banik UK, et al.
J Reprod Fertil 18:509-15, Apr 69
Effect of orally administered azasteroids on implantation in rats. Saksena SK, et al.
J Reprod Fertil 19:177-8, Jun 69
Effects of a nonsteroidal antifertility agent (U-11100A) on pregnancy in mice. TenBroeck JT, et al.
J Reprod Fertil 18:201-7, Mar 69

Oral contraceptives and immune responses. **JAMA** 209:410, 21 Jul 69

Oral contraceptives and glucose tolerance. Doar JW, et al. **Lancet** 1:1156, 7 Jun 69

Oral contraceptives and blood-pressure. Goodlin RC, et al. **Lancet** 1:1262-3, 21 Jun 69

Low-dose continuous chlormadinone acetate as an oral contraceptive. A clinical trial. Howard G, et al. **Lancet** 2:24-6, 5 Jul 69

Oral contraceptives and blood-pressure. Loudon NB, et al. **Lancet** 2:217, 26 Jul 69

Interpretation of changes in the uterine cervix. Murthy MS. **Lancet** 1:1158-9, 7 Jun 69

Oral contraceptives: long-term use produces fine structural changes in liver mitochondria. Perez V, et al. **Science** 165:805-7, 22 Aug 69

Effect of melengestrol acetate on ovarian follicles, interstitial gland and corpora lutea in the rat: a quantitative morphological study. Priedkalns J. **Z Zellforsch** 93:56-73, 1969

[Inhibition of ovulation with hormones] Schrögendorfer F. **Oest Hebammenzeitung** 15:77-9 concl, Aug 68 (Ger)

[Influences on the binding capacity of thyroxine-binding proteins during pregnancy] Fridrich R, et al. **Schweiz Med Wschr** 99:833-9, Jun 69 (Ger)

[Problems of oral contraception with special reference to the development, pharmacodynamics and effectiveness of currently used preparations] Richter RH. **Ther Umsch** 24:218-25, Jun 67 (Ger)

[On the modification of serum lipids in healthy women using ovulation inhibitors. I] Burger H, et al. **Z Geburtsh Gynaek** 170:1-14, 1969 (Ger)

[Contribution to the study of the effects of contraceptives on the genital apparatus] Lecca U, et al. **Riv Ital Ginec** 51:766-78, Nov 67 (Ita)

THERAPEUTIC USE

Preliminary evaluation of four oral contraceptives containing only progestogens. Mears E, et al. **Brit Med J** 1:730-4, 21 Jun 69

Management of acne in midlands of Great Britain. Donaldson EM. **J Amer Med Wom Ass** 24:309-12, Apr 69

Comparison of the mechanisms underlying carbohydrate intolerance in subclinical diabetic women during pregnancy and during post-partum oral contraceptive steroid treatment. Beck P, et al. **J Clin Endocr** 29:807-18, Jun 69

[Klippel-Trenaunay-Weber syndrome. Diagnosis without aids] Kopp H, et al. **Med Welt** 11:609-12, 15 Mar 69 (Ger)

[Application possibilities of ovulation inhibitors in gynecologic indications in general practice] Kumpmann U. **Med Welt** 35:1868-70, 31 Aug 68 (Ger)

[Use of ovulation inhibitors in female epileptics and psychiatric patients] Wieczorek V, et al. **Munchen Med Wschr** 111:254-7, 31 Jan 69 (Ger)

[Pastoral medicine remarks on the medical regulation of human fertility] Vodopivec M. **Praxis** 58:84-6, 21 Jan 69 (Ger)

[Results of colposcopic, cytologic and histological studies after treatment with ovulation inhibitors] Topp G, et al. **Zbl Gynaek** 90:1778-83, 28 Dec 68 (Ger)

[The ovulation inhibitors in clinical practice] Vaglio N. **Minerva Med** 60:1522-3, 18 Apr 69 (Ita)

CORPUS LUTEUM HORMONES

BIOSYNTHESIS

[On the fine structure of human luteinic cell during some stages of its evolution cycle with special reference to its secretory activity] Motta P. **Biol Lat (Milano)** 20:201-24, Jul-Sep 67 (Ita)

PHARMACODYNAMICS

[Why does human milk begin to flow 3 days at the earliest following delivey?] Knaus HH. **Med Klin** 63:749-50 passim, 10 May 68 (Ger)

SECRETION

[A case of endocraniosis with endocrine changes in the female genitals and monolateral optic atrophy caused by stenosis of the optic canal] Frezzotti R, et al. **Riv Otoneurooftal** 42:483-91, Nov-Dec 67 (Ita)

THERAPEUTIC USE

[Policy in the presence of functional disturbances of "first periods". Puberty-nubility] Sersiron D. **Ann Pediat (Paris)** 16:133-48, 2 Feb 69 (Fre)

CRONOLONE

PHARMACODYNAMICS

Numbers of spermatozoa in the genital tract after artificial insemination of progestagen-treated ewes. Quinlivan TD, et al. **J Reprod Fertil** 19:73-86, Jun 69

DIETHYLSTILBESTROL

Banti-like syndrome induced by estrogen and cholesterol. Numano F, et al. **Acta Hepatosplen (Stuttgart)** 16:77-85, Mar-Apr 69

A souble 17 beta-hydroxysteroid dehydrogenase from human placenta. The binding of pyridine nucleotides and steroids. Jarabak J, et al. **Biochemistry (Wash)** 8:2203-12, May 69

ADMINISTRATION & DOSAGE

Ovulation block with stilboestrol in the cow. Lamond DR. **J Reprod Fertil** 18:359-61, Mar 69

Estrogen therapy. Dreisbach RH, et al. **New Eng J Med** 281:108-9, 10 Jul 69

ADVERSE EFFECTS

Breast cancer in a man treated with diethylstilbestrol. O'Grady WP, et al. **Arch Path (Chicago)** 88:162-5, Aug 69

The treatment of osteoporosis. A report of a double blind clinical therapeutic trial. Miller RG. **Geront Clin (Basel)** 11:244-52, 1969

ANALYSIS

Radioimmunoassay for estrogens: a preliminary communication. Jiang NS, et al. **Mayo Clin Proc** 44:461-5, Jul 69

DIAGNOSTIC USE

Growth and growth hormone. IV. Limitations of the growth hormone response to insulin and arginine and of the immunoreactive insulin response to arginine in the assessment of growth hormone deficiency in children. Youlton R, et al. **Pediatrics** 43:989-1004, Jun 69

METABOLISM

Uptake of tritiated stilbestrol diphosphate by the prostate gland. Promislow C, et al. **Canad J Surg** 12:359-64, Jul 69

PHARMACODYNAMICS

Oral cytology. A hormonal evaluation. Anderson WR, et al. **Acta Cytol (Balt)** 13:81-3, Feb 69

Influence of diethylstilbestrol on aortic tensile strength and blood pressure of turkeys. Kling JM, et al. **Amer J Vet Res** 30:1205-11, Jul 69

Changes in chick oviduct ribonucleic acid following hormonal stimulation. Dingman CW, et al. **Biochemistry (Wash)** 8:489-95, Feb 69

Interactions of 6,7-3H-17beta-estradiol with mammary gland and other organs of the C3H mouse in vivo. Puca GA, et al. **Endocrinology** 85:1-10, Jul 69

Effect of diethylstilbestrol on enzymes of cryptochid mouse testes of Balb-c mice. Samuels LT, et al. **Endocrinology** 85:96-102, Jul 69

Role of hematocrit, heart mass, and high-altitude exposure in acute hypoxia tolerance. Burton RR, et al. **J Appl Physiol** 27:49-52, Jul 69

Effect of norethisterone acetate, dimethylstilboestrol, genistein and coumestrol on uptake of [3H]oestradiol by uterus, vagina and skeletal muscle of immature mice. Folman Y, et al. **J Endocr** 44:213-8, Jun 69

Influence of hormones on N-2-fluorenyldiacetamide-induced hyperplastic hepatic nodules in rats. Reuber MD. **J Nat Cancer Inst** 43:445-52, Aug 69

Luteolytic and luteotrophic effects of oestrogen in the

guinea-pig. Illingworth DV.
J Reprod Fertil 18:548-9, Apr 69
Ovulation block with stilboestrol in the cow. Lamond DR. **J Reprod Fertil** 18:359-61, Mar 69
Arginine-initiated release of human growth hormone. Factors modifying the response in normal man. Merimee TJ, et al. **New Eng J Med** 280:1434-8, 26 Jun 69
Estrogens, proestrogens and antiestrogens. Emmens CW, et al. **Steroids** 13:725-30, Jun 69
[Early experiments on the changes in cells and chromosomes in cultures of cells of human tissue and of monkey kidneys following treatment with various additives] Winterhoff H.
Med Welt 42:2468-72, 21 Oct 67 **(Ger)**
[Estrogenic effect and serum copper content] Dokumov SI. **Z Geburtsh Gynaek** 170:28-36, 1969 **(Ger)**
[The effect of gonadotropic, lactogenic and sex hormones on milk secretion] Gotsulenko BR.
Fiziol Zh SSSR Sechenov 54:971-8, Aug 68 **(Rus)**

THERAPEUTIC USE

Oral cytology. A hormonal evaluation. Anderson WR, et al. **Acta Cytol (Balt)** 13:81-3, Feb 69
An aggressive plan for the treatment of vulvovaginitis. Beaton JH. **Curr Ther Res** 11:242-6, May 69
The treatment of osteoporosis. A report of a double blind clinical therapeutic trial. Miller RG.
Geront Clin (Basel) 11:244-52, 1969
Elevated nonprotein-bound cortisol (NPC) in pregnancy, during estrogen administration and in carcinoma of the prostate. Doe RP, et al.
J Clin Endocr 29:757-66, Jun 69
An unusual remission of prostatic carcinoma with pulmonary metastases. Stenberg CC, et al.
J Urol 102:236-9, Aug 69
[Enzymological study of prostatic cancer. I. Changes of serum lactic dehydrogenase, alkaline phosphatase, leucine aminopeptidase, total acid phosphatase, prostatic acid phosphatase, glutamic pyruvic transaminase, glutamic oxalacetic transaminase activity and lactic dehydrogenase isoenzymes in prostatic cancer under anti-androgenic treatment, with special reference to prognosis] Ishibe T, et al.
Acta Urol Jap 15:195-205, Mar 69 **(Jap)**
[Hormonal preoperative preparation of the female genitalia after menopause with regard to the homeostatic system] Różewicki S, et al.
Wiad Lek 22:909-15, 15 May 69 **(Pol)**

DIHYDROXYPROGESTERONE

BIOSYNTHESIS

Luteoma of pregnancy: steroidogenic and morphologic considerations. Rice BF, et al.
Amer J Obstet Gynec 104:871-8, 15 Jul 69

PHARMACODYNAMICS

[Influence of some C21-steroids on the uptake of water by developing embryonic cartilage in vitro] Schär B.
Experientia 25:322-3, 15 Mar 69 **(Ger)**

ESTRADIOL

A souble 17 beta-hydroxysteroid dehydrogenase from human placenta. The binding of pyridine nucleotides and steroids. Jarabak J, et al.
Biochemistry (Wash) 8:2203-12, May 69
Regulation of rat testis steroid sulfatase. A kinetic study. Notation AD, et al.
Biochemistry (Wash) 8:501-6, Feb 69
Effect of graded doses of estradiol benzoate on dental caries and salivary glands in female rats. Liu FT, et al.
J Dent Res 48:485, May-Jun 69
Assessment of biological potency of progestins using the response of the mouse uterus. Stokes J, et al.
J Endocr 43:xl, Jan 69
Some 3-alkoxyestra-1,3,5(10)-trien-17-beta-ols. Triggle DJ, et al. **J Med Chem** 12:346, Mar 69
Effect of Zn++ on the binding of oestradiol-17 beta to a uterine protein. Emanuel MB, et al.
Nature (London) 223:66-7, 5 Jul 69
Stereospecific nuclear and cytosol aldosterone-binding proteins of various tissues. Swaneck GE, et al.
Nephron 6:297-316, 1969
Metabolism of 17-alpha-ethynylestradiol and its 3-methyl ether by the rabbit; an in vivo D-homoannulation. Abdel-Aziz MT, et al.
Steroids 13:809-20, Jun 69
[Electron-microscopic and experimental investigations of the morphology of gynaecomastia] Bässler R, et al.
Verh Deutsch Ges Path 52:491-9, 1968 **(Ger)**

ADMINISTRATION & DOSAGE

Sex-related resistance in hamsters to adenovirus-12 oncogenesis. IV. Gonadal hormone influences. Yohn DS, et al. **J Nat Cancer Inst** 43:133-9, Jul 69
The induction of prolonged vaginal di-oestrus in the rat by a low level of oestradiol benzoate. Gilmore DP, et al. **J Reprod Fertil** 18:549-50, Apr 69

ADVERSE EFFECTS

[Meaning of the foeto-placental unit in the steroid metabolism] Rappaport R.
Ann Pediat (Paris) 16:62-4, 2 Jan 69 **(Fre)**

ANALYSIS

Studies on relative oestrogen concentrations in human malignant breast tumours. Ames F, et al.
Brit J Surg 56:615, Aug 69
Levels of testosterone, androstenedione, estrone and estradiol-17 beta in the testes of fetal sheep. Attal JA.
Endocrinology 85:280-9, Aug 69
Interactions of 6,7-3H-17beta-estradiol with mammary gland and other organs of the C3H mouse in vivo. Puca GA, et al. **Endocrinology** 85:1-10, Jul 69
Solid-phase radioimmunoassay of estradiol-17 beta. Abraham GE. **J Clin Endocr** 29:866-70, Jun 69
Antenatal diagnosis of adrenocortical hyperplasia. Nichols J. **Lancet** 1:1151-2, 7 Jun 69
Radioimmunoassay for estrogens: a preliminary communication. Jiang NS, et al.
Mayo Clin Proc 44:461-5, Jul 69
Hapten-radioimmunoassay: a general procdure for the estimation of steroidal and other haptenic substances. Midgley AR Jr, et al. **Steroids** 13:731-7, Jun 69
[The metabolism of oestrone in the microsomal fraction of the liver of the human fetus and of one adult] Lehmann WD, et al.
Arch Gynaek 207:539-49, 1969 **(Ger)**

BIOSYNTHESIS

Formation of 17alpha-hydroxy-pregnenolone, 17alpha-hydroxy-progesterone and progesterone by hydatidiform moles in vitro. Leusden HA van, et al.
Acta Endocr (Kobenhavn) 61:68-75, May 69
The metabolism of steroids by skin in man. Grant JK.
Brit J Derm 81:Suppl 2:18-22, 1969 (9 ref.)
De novo formation and metabolism of steroid hormones in feminizing testes: biochemical and ultrastructural studies. Pérez-Palacios G, et al.
J Clin Endocr 29:786-800, Jun 69
[Feminization, in culture in vitro, of chick embryo testis by the embryonic testis of the calf] Akram H, et al.
Arch Anat Micr Morph Exp 57:369-78, Oct-Dec 68 **(Fre)**

BLOOD

The metabolism of steroids by skin in man. Grant JK.
Brit J Derm 81:Suppl 2:18-22, 1969 (9 ref.)
Interactions of 6,7-3H-17beta-estradiol with mammary gland and other organs of the C3H mouse in vivo. Puca GA, et al. **Endocrinology** 85:1-10, Jul 69
In vivo observations on testosterone and estradiol-17 beta protein binding in women. Barlow JJ, et al.
J Clin Endocr 29:767-76, Jun 69
A radio-ligand binding assay system for estradiol measurement in human plasma. Korenman SG, et al.
J Clin Endocr 29:879-83, Jul 69
The secretion of steroids from the autotransplanted ovary in the ewe spontaneously and in response to systemic gonadotropin. Baird DT, et al.
J Endocr 42:283-99, Oct 68
Competitive protein binding assay of 17-beta-oestradiol in human peripheral plasma. Corker CS, et al.
J Endocr 43:xxx, Jan 69
Secretion of C19-steroids and oestrogens in the polycystic ovary syndrome. Ovarian studies in vivo and in vitro (including studies in vitro on a coincidental granulosa cell tumour). Jeffcoate SL, et al. **J Endocr** 42:229-43, Oct 68

Oestrogen and progesterone content of ovarian vein blood of the ewe during the oestrous cycle. Moore NW, et al. **J Endocr** 44:55-62, May 69

Oestrogen levels in peripheral blood plasma of the spotted. Mead RA, et al.
J Reprod Fertil 18:351-3, Mar 69

Interrelationship between plasma luteinizing hormone and oestradiol in the human menstrual cycle. Corker CS, et al. **Nature (London)** 222:1063, 14 Jun 69

[On the determination of plasma 11-hydroxycorticosteroids by the rapid fluorometric method of Mattingly] Pichler E.
Clin Chim Acta 24:283-92, May 69 (Ger)

DIAGNOSTIC USE

[Case history and clinical course of abortions at the 1st gynecologic clinic during the last 4 years] Kopečný J, et al. **Cesk Gynek** 34:230-3, Apr 69 (Cze)

METABOLISM

In vitro uptake of tritiated testosterone and oestradiol by the lateral lobe of the hypertrophied human prostate and the accessory sex glands of the rat--a pilot study. Jonsson CE.
Acta Endocr (Kobenhavn) 61:25-32, May 69

Oestrogen binding in the mouse uterus: 17 beta-oestradiol and meso-hexoestrol compete for the binding sites. Terenius L.
Acta Pharmacol (Kobenhavn) 27:120-8, 1969

Conjugation of steroid hormones by breast-cancer tissue and selection of patients for adrenalectomy. Dao TL, et al. **Brit J Surg** 56:627, Aug 69

Distribution patterns of in vivo conversion products of injected estradiol-17-beta-4-14C and estrone-4-14C in the urines of the nonlaying and laying hen. Common RH, et al. **Canad J Biochem** 47:539-45, May 69

Effect of metal ions on estradiol binding to uterine nuclear receptors. Brecher P, et al.
Endocrinology 85:612-4, Sep 69

Uptake and retention of tritiated estradiol in brain and peripheral tissues of male, female and neonatally androgenized female rats. Green R, et al.
Endocrinology 85:373-8, Aug 69

Interactions of 6,7-3H-17beta-estradiol with mammary gland and other organs of the C3H mouse in vivo. Puca GA, et al. **Endocrinology** 85:1-10, Jul 69

Nuclear concentration of 3H-estradiol in target tissues. Dry-mount autoradiography of vagina, oviduct, ovary, testis, mammary tumor, liver and adrenal. Stumpf WE. **Endocrinology** 85:31-7, Jul 69

In vivo observations on testosterone and estradiol-17 beta protein binding in women. Barlow JJ, et al.
J Clin Endocr 29:767-76, Jun 69

Uptake of radioactivity by uterus, vagina and skeletal muscle of immature mice after administration of [3H]oestradiol. Folman Y, et al.
J Endocr 44:203-11, Jun 69

Effect of norethisterone acetate, dimethylstilboestrol, genistein and coumestrol on uptake of [3H]oestradiol by uterus, vagina and skeletal muscle of immature mice. Folman Y, et al. **J Endocr** 44:213-8, Jun 69

Competitive binding of free and conjugated oestrogens to plasma proteins. Giorgi EP, et al.
J Endocr 44:219-30, Jun 69

Isolation of oestradiol "receptors" from bovine hypothalamus and anterior pituitary gland. Kahwanago I, et al.
Nature (London) 223:313-4, 19 Jul 69

Localization of estrogen receptors in the rat hypothalamus. McGrire JL, et al.
Neuroendocrinology 4:289-95, 1969

Estrogen assays in the clinical practice of gynecology and obstetrics. Scommegna A.
Obstet Gynec Survey 24:387-95, May 69 (29 ref.)

Effects of ethinylestradiol-induced cholestasis on bile flow and biliary excretion of estradiol and estradiol giucuronide by the rat. Kreek MJ, et al.
Proc Soc Exp Biol Med 131:646-50, Jun 69

Estradiol: specific binding by pituitary nuclear fraction in vitro. Leavitt WW, et al. **Science** 165:496-8, 1 Aug 69

The occurrence of 17-beta-hydroxy-C18-steroid oxidoreductase activity in sheep fetal blood. Findlay JK, et al. **Steroids** 13:763-72, Jun 69

The effect of steroidal hormones on the binding of 17beta-estradiol by the mouse uterus and vagina. Terenius L. **Steroids** 13:311-25, Mar 69

Conjugation of steroid hormones by breast cancer tissue and selection of patients for adrenalectomy. Dao TL, et al. **Surgery** 66:162-6, Jul 69

[Developments in the concept of the androgenic receptor] Mauvais-Jarvis P.
Presse Med 77:1128, 28 Jun 69 (Fre)

[HTO-formation from tritium labelled compounds in vivo as proof of tritium incorporation] Wenzel M.
Arzneimittelforschung 19:648-51, Apr 69 (Ger)

PHARMACODYNAMICS

Artificial stimulatory and hormonal requirements of decidual alkaline phosphatase in the pseudopregnant rat. Manning JP, et al.
Acta Endocr (Kobenhavn) 61:164-72, May 69

Response of the uterine smooth muscle cell to estrogen stimulation: an electron microscopic and autoradiographic study. Tokuoka S.
Acta Path Jap 18:417-30, Nov 68

Effect of sex hormones on the electrical activity of brain stem and diencephalon in castrated female rats. Endröczi E. **Acta Physiol Acad Sci Hung** 35:31-9, 1969

Estrogen-induced changes at the cervical squamocolumnar junction of the squirrel monkey. Graham CE. **Amer J Obstet Gynec** 104:839-45, 15 Jul 69

Placental hormones and graft rejection. Hulka JF, et al.
Amer J Obstet Gynec 104:889-92, 15 Jul 69

Cytoplasmic fine structure during hormonally controlled differentiation in vaginal epithelium. Eddy EM, et al. **Anat Rec** 164:205-17, Jun 69

Development of dormant blastocysts induced by oestrogen in the ovariectomized marsupial, Macropus eugenii. Smith MJ, et al.
Aust J Biol Sci 22:171-80, Feb 69

Cyclic changes in electrical activity of the rat midbrain reticular formation during the estrous cycle. Terasawa E, et al. **Brain Res** 14:189-98, Jun 69

Steroid potentiation of responses to sympathomimetic amines in aortic strips. Kaisner S.
Brit J Pharmacol 36:582-93, Jul 69

Time sequence of action of estrogen on nucleic acid and protein synthesis in the uterus and blastocyst during delayed implantation in the rat. Dass CM, et al.
Endocrinology 85:528-36, Sep 69

"Puberty" of the rat liver. IV. Influence of estrogens upon the differentiation of cortisol metabolism induced by neonatal testosterone. Denef C, et al.
Endocrinology 85:259-69, Aug 69

Radioimmunoassay for ovine luteinizing hormone. Secretion of luteinizing hormone during estrus and following estrogen administration in sheep. Goding JR, et al. **Endocrinology** 85:133-42, Jul 69

Estradiol-induced changes in beagle pups: effect of prenatal and postnatal administration. Gustafsson PO, et al. **Endocrinology** 85:481-91, Sep 69

Development of corpora lutea from follicles autotransplanted under the kidney capsule in rabbits. Keyes PL, et al. **Endocrinology** 85:423-7, Sep 69

Effect of actinomycin D on the inhibitory response of estrogen on LH release. Schally AV, et al.
Endocrinology 85:290-9, Aug 69

Role of mucopolysaccharides and lysosomal hydrolases in endometrial regression following withdrawal of estradiol and chlormadinone acetate. I. Epithelium and stroma. Smith RE, et al.
Endocrinology 85:50-66, Jul 69

Effect of steroids on neuropharmacologic blockade of ovulation in pregnant mare's serum (PMS)-primed immature rats. Ying SY, et al.
Endocrinology 84:1466-74, Jun 69

Estrogen secretion by the rat ovary in vivo during the estrous cycle and pregnancy. Yoshinaga K, et al.
Endocrinology 85:103-12, Jul 69

The action of sex hormones on endometrial secretion in spayed rats sensitized to oestradiol. Meglioli G, et al.
Experientia 25:194-5, 15 Feb 69

Nidation in weanling rats treated with PMS and gonadal steroids. Khan ZU, et al.
Fertil Steril 20:667-73, Jul-Aug 69

Histochemical studies of the effect of ovarian hormones on the development of mammary glands in the guinea-pig. Zarzycki J, et al.
Folia Histochem Cytochem (Krakow) 7:3-14, 1969

Factors affecting the rate of disappearance of amphetamine in rats. Groppetti A, et al.
Int J Neuropharmacol 8:209-15, May 69

Effects of training and 17-B estradiol upon heart rates, organ weights, and ligamentous strength of female rats. Booth FW, et al.
Int Z Angew Physiol 27:187-97, 1969

Experimental production of hyperostosis frontalis interna in mice. Rudali G.
Israel J Med Sci 4:1230-5, Nov-Dec 68

Effect of estradiol on splenic repopulation by endogenous and exogenous hemopoietic cells in irradiated mice. Jenkins VK, et al.
J Cell Physiol 73:149-57, Apr 69

Stimulation of synthesis of glycoprotein enzymes in the rat uterus by oestradiol. Dugan FA, et al.
J Endocr 42:261-6, Oct 68

Ovarian hormones and sexual preference in rhesus monkeys. Everitt BJ, et al. **J Endocr** 43:xxxi, Jan 69

Uptake of radioactivity by uterus, vagina and skeletal muscle of immature mice after administration of [3H]oestradiol. Folman Y, et al.
J Endocr 44:203-11, Jun 69

Premature parturition after infusion of corticotrophin or cortisol into foetal lambs. Liggins GC.
J Endocr 42:323-9, Oct 68

Refractory period following oestrogenic stimulation of cell division in the mouse uterus. Martin L, et al.
J Endocr 43:xi, Jan 69

Duration of progesterone treatment required for a stromal response to oestradiol-17-beta in the uterus of the mouse. Martin L, et al. **J Endocr** 44:279-80, Jun 69

The effect of oestradiol and progesterone on the activity of enzymes in the endometrium and caruncles of the ovariectomized ewe. Murdoch RN, et al.
J Endocr 42:187-92, Oct 68

The effect of testosterone or oestradiol upon the sexual and associated behaviour of the adult female Rhesus monkey. Trimble MR, et al.
J Endocr 42:171-85, Oct 68

In-vitro stimulation of RNA synthesis by oestradiol-17-beta. Wilson EW, et al.
J Endocr 43:xi-xii, Jan 69

Changes in testicular cholesterol associated with estrogen induced infertility in male mice. Simmons JE. **J Exp Zool** 170:377-80, Mar 69

The effect of estrogen and androgen on the sebaceous gland turnover time. Sweeney TM, et al.
J Invest Derm 53:8-10, Jul 69

Growth and hormonal responsiveness of human endometrial carcinoma after heterologous transplantation to neonatal rats. Forsberg JG, et al.
J Nat Cancer Inst 43:191-201, Jul 69

Sex-related resistance in hamsters to adenovirus-12 oncogenesis. IV. Gonadal hormone influences. Yohn DS, et al. **J Nat Cancer Inst** 43:133-9, Jul 69

Catecholamines and behavior in isolated and grouped mice. Anton AH, et al. **J Psychiat Res** 6:211-20, Dec 68

Effectiveness of
6alpha-methyl-17-acetoxyprogesterone, in combination with oestradiol benzoate, in inducing delayed implantation in the mouse. Dickson AD.
J Reprod Fertil 18:227-33, Mar 69

Testicular development in rats treated with several steroids shortly after birth. Ladosky W, et al.
J Reprod Fertil 19:247-54, Jul 69

A karyometric study of epithelial cells lining the glands of the bovine endometrium. Schultz RH, et al.
J Reprod Fertil 19:169-71, Jun 69

Anti-ouabain action of steroid hormones on twitch and potassium contracture in heart ventricle strip of frog. Fujino S, et al. **Jap J Pharmacol** 19:148-56, Mar 69

Adrenal glands and sexual receptivity in female rhesus monkeys. Everitt BJ, et al.
Nature (London) 222:1065-6, 14 Jun 69

Lymphocyte to macrophage transformation in the peritoneal cavity preceding the mobilization of peritoneal macrophages to inflamed areas. Vernon-Roberts B.
Nature (London) 222:1286-8, 28 Jun 69

Induction of running activity by intracerebral implants of estrogen in overiectomized rats. Colvin GB, et al.
Neuroendocrinology 4:309-20, 1969

The assay of ACTH and the action of ACTH and steroids on corticosteroidogenesis in the mouse. Purrott RJ, et al. **Pflueger Arch** 309:107-14, 1969

Biological profile of quingestanol acetate. Giannina T, et al. **Proc Soc Exp Biol Med** 131:781-9, Jul 69

The effect of hormones on hepatic cholesterol ester synthesis in vitro. Schweppe JS, et al.
Proc Soc Exp Biol Med 131:868-70, Jul 69

Estrogens, proestrogens and antiestrogens. Emmens CW, et al. **Steroids** 13:725-30, Jun 69

Ultrastructure of pituitary lactotropic cells of oestrogen treated male rats. Pantić V, et al.
Z Zellforsch 95:280-9, 1969

Effect of melengestrol acetate on ovarian follicles, interstitial gland and corpora lutea in the rat: a quantitative morphological study. Priedkalns J.
Z Zellforsch 93:56-73, 1969

[Radio-immunologic determination of gonadotropins] Franchimont P.
Ann Endocr (Paris) 29:403-31, Jul-Aug 68 **(Fre)**

[Stimulation by postnatal estrogen treatment of female genital structures obtained in male adult mice by injection of estradiol in the pregnant mother] Jean C, et al. **J Physiol (Paris)** 59:Suppl:246-7, 1967 **(Fre)**

[When should lactation inhibitors be injected?] Martin
Geburtsh Frauenheilk 29:385-90, Apr 69 **(Ger)**

[Indications, methodology and results of hormonal inhibition and suppression of lactation] Scholz H.
Med Welt 27:1617-9, 8 Jul 67 **(Ger)**

[Electron-microscopic and experimental investigations of the morphology of gynaecomastia] Bässler R, et al.
Verh Deutsch Ges Path 52:491-9, 1968 **(Ger)**

[Histological and histochemical properties of the breast sections] Koyama M.
Yonago Acta Med 13:1-23, Feb 69 **(Ger)**

[On the problem of the relation of neurosecretory hypothalamic nuclei to gonadal function] Smollich A.
Z Zellforsch 95:216-22, 1969 **(Ger)**

[Critical exposure time to estrogen for cornification of vaginal epithelium in spayed rays] Momose S, et al.
Acta Anat Nippon 44:29-34, Mar 69 **(Jap)**

[Effect of estrogen on glycogen synthesis in the rat uterus] Murakami S.
Folia Endocr Jap 44:1249-59, 20 Feb 69 **(Jap)**

[Studies on plasma 17-hydroxycorticosteroid levels in normal pregnant women and newborn infants] Waseda K.
Folia Endocr Jap 44:1207-21, 20 Feb 69 **(Jap)**

[Bihemistry of phytohormones--mechanism of action of auxin] Masuda Y.
J Jap Biochem Soc 41:97-110, Mar 69 (103 ref.) **(Jap)**

[Histochemical studies of epithelium of oviduct remaining under effect of estrogens] Latalski M.
Endokr Pol 20:231-7, May-Jun 69 **(Pol)**

[Hypothalamo-pituitary control of the sexual cycle] Baranov VG, et al.
Fiziol Zh SSSR Sechenov 53:1367-75, Nov 67 **(Rus)**

SECRETION

Ovarian blood flow in sheep during the oestrous cycle. Mattner PE. **J Reprod Fertil** 19:385, Jul 69

THERAPEUTIC USE

Experimental therapeutic investigations with 1-(morpholinomethyl)-4-phthalimido-piperidindione-2,6 on dimethylbenzanthracene-induced tumors of Sprague-Dawley rats. Mückter H, et al.
Cancer Res 29:1212-7, Jun 69

[Experimental studies on the character and modification of endocrine orbitopathy] Dardenne MU. **Ber Deutsch Ophth Ges** 68:234-9, 1968 **(Ger)**

[Therapeutic results with a new estrogen preparation in climacteric symptoms] Niendorf F.
Med Welt 48:2652-7, 30 Nov 68 **(Ger)**

[Combined hormonal therapy of climacteric syndrome using tristeroid preparation "Trophobolene"] Teter J, et al. **Ginek Pol** 40:279-84, Mar 69 **(Pol)**

[Problem of the differential diagnosis and therapy of climacteric cardiopathy] Vorob'ev AI, et al.
Kardiologiia 7:78-87, Aug 67 **(Rus)**

URINE

Urinary steroid excretion in a hirsute patient with ovarian cortical stromal hyperplasia and endometrial carcinoma. Mahesh VG, et al.
Amer J Obstet Gynec 104:602-3, 15 Jun 69

Distribution patterns of in vivo conversion products of injected estradiol-17-beta-4-14C and estrone-4-14C in the urines of the nonlaying and laying hen. Common RH, et al. **Canad J Biochem** 47:539-45, May 69

Placental hormone activity after removal of the fetus in a case of advanced abdominal pregnancy. Friedman S, et al. **J Obstet Gynaec Brit Comm** 76:554-8, Jun 69

The formation by the rabbit of N-acetylglucosaminides of steroid phenolic sulfates. Collins DC, et al.
Steroids 13:783-92, Jun 69

[Study of 13 cases of urinary elimination of testicular steroids after administration of H.M.G. (human menopausal gonadotropins) and H.C.G. (human chorionic gonadotropins)] Jayle MF, et al.
Gynec Obstet (Paris) 67:503-8, Nov-Dec 68 **(Fre)**

[The use of thin layer chromatography for the determination of estrogen steroids in urine] Rondini G, et al. **Minerva Pediat** 19:1796, 29 Sep 67 **(Ita)**

ESTRANES

METABOLISM

[Metabolism of 3-deoxosteroid in the rabbit liver. 2] Okada H, et al.
Folia Endocr Jap 44:1274-6, 20 Mar 69 **(Jap)**

PHARMACODYNAMICS

Orally active oestrogens and progestins in prevention of pregnancy in rats. Banik UK, et al.
J Reprod Fertil 18:509-15, Apr 69

ESTRIOL

ADMINISTRATION & DOSAGE

Effect of intra-amniotic oestriol sulphate on uterine contractions. Klopper AI, et al.
Brit Med J 2:786-9, 28 Jun 69

The urinary excretion of oestriol after intra-amniotic injection of oestriol sulphate as a test of placental function. Klopper A, et al.
J Obstet Gynaec Brit Comm 76:534-7, Jun 69

ADVERSE EFFECTS

[Treatment of climacteric syndrome with estriol in practice] Heuer D.
Arzneimittelforschung 19:121-2, Jan 69 **(Ger)**

[Differential diagnosis of pseudoatypia and atypia vera of the portio uteri during estrogen therapy] Jakubecz S, et al. **Med Mschr** 21:463-6, Oct 67 **(Ger)**

ANALYSIS

Gas chromatographic analysis of estrogens. Honda K, et al. **Amer J Obstet Gynec** 104:528-32, 15 Jun 69

Antenatal diagnosis of adrenocortical hyperplasia. Nichols J. **Lancet** 1:1151-2, 7 Jun 69

Radioimmunoassay for estrogens: a preliminary communication. Jiang NS, et al.
Mayo Clin Proc 44:461-5, Jul 69

Hapten-radioimmunoassay: a general procdure for the estimation of steroidal and other haptenic substances. Midgley AR Jr, et al. **Steroids** 13:731-7, Jun 69

[The metabolism of oestrone in the microsomal fraction of the liver of the human fetus and of one adult] Lehmann WD, et al.
Arch Gynaek 207:539-49, 1969 **(Ger)**

BIOSYNTHESIS

Formation of 17alpha-hydroxy-pregnenolone, 17alpha-hydroxy-progesterone and progesterone by hydatidiform moles in vitro. Leusden HA van, et al.
Acta Endocr (Kobenhavn) 61:68-75, May 69

[Estriol as a function of the feto-placentar unity. I. Biosynthesis, excretion and metabolism of estriol in normal course of pregnancy] Vizzone A, et al.
Quad Clin Ostet Ginec 22:633-53, Sep 67 (111 ref.) **(Ita)**

BLOOD

Diminished urinalry estriol due to Mandelamine administration during pregnancy. Eraz J, et al.
Amer J Obstet Gynec 104:924-5, 15 Jul 69

Diurnal variation of total plasma estriol levels in late pregnancy. Selinger M, et al.
J Clin Endocr 29:995-7, Jul 69

[On the determination of plasma 11-hydroxycorticosteroids by the rapid fluorometric method of Mattingly] Pichler E.
Clin Chim Acta 24:283-92, May 69 **(Ger)**

METABOLISM

The urinary excretion of oestriol after intra-amniotic injection of oestriol sulphate as a test of placental function. Klopper A, et al.
J Obstet Gynaec Brit Comm 76:534-7, Jun 69

Estrogen assays in the clinical practice of gynecology and obstetrics. Scommegna A.
Obstet Gynec Survey 24:387-95, May 69 (29 ref.)

The effect of steroidal hormones on the binding of 17beta-estradiol by the mouse uterus and vagina. Terenius L. **Steroids** 13:311-25, Mar 69

[Estriol as a function of the feto-placentar unity. I. Biosynthesis, excretion and metabolism of estriol in normal course of pregnancy] Vizzone A, et al.
Quad Clin Ostet Ginec 22:633-53, Sep 67 (111 ref.) **(Ita)**

PHARMACODYNAMICS

Effect of intra-amniotic oestriol sulphate on uterine contractions. Klopper AI, et al.
Brit Med J 2:786-9, 28 Jun 69

The comparative effects of estrogens on amylase levels of cervical mucus. Skerlavay M, et al.
Fertil Steril 20:581-9, Jul-Aug 69

Action of various agents on rabbit blastocysts in vivo and in vitro. Lutwak-Mann C, et al.
J Reprod Fertil 18:235-57, Mar 69

The effect of steroidal hormones on the binding of 17beta-estradiol by the mouse uterus and vagina. Terenius L. **Steroids** 13:311-25, Mar 69

[Estrogenic effect and serum copper content] Dokumov SI. **Z Geburtsh Gynaek** 170:28-36, 1969 **(Ger)**

[Effects of estriol on myometrial contraction] Inoue M, et al. **Folia Endocr Jap** 44:1203-6, 20 Feb 69 **(Jap)**

THERAPEUTIC USE

[Estriol therapy of the menopause and in the post-menopausal period] Proost J, et al.
Bull Soc Roy Belg Gynec Obstet 39:65-83, 1969 **(Dut)**

[Treatment of climacteric syndrome with estriol in practice] Heuer D.
Arzneimittelforschung 19:121-2, Jan 69 **(Ger)**

[Estrogen deficit and its problems from therapeutic viewpoint] Hartel J. **Med Mschr** 22:513-5, Nov 68 **(Ger)**

[The development of gynecology today] Gitsch E.
Wien Klin Wschr 80:970-4, 27 Dec 68 **(Ger)**

URINE

Diminished urinalry estriol due to Mandelamine administration during pregnancy. Eraz J, et al.
Amer J Obstet Gynec 104:924-5, 15 Jul 69

Urinary steroid excretion in a hirsute patient with ovarian cortical stromal hyperplasia and endometrial carcinoma. Mahesh VG, et al.
Amer J Obstet Gynec 104:602-3, 15 Jun 69

Serial hormonal studies in normal and abnormal pregnancy. Samaan NA, et al.
Amer J Obstet Gynec 104:781-94, 15 Jul 69

Urinary oestriol excretion in pregnancies complicated by proteinuria. Reid S, et al.
Aust New Zeal J Obstet Gynaec 8:189-96, Nov 68

A reliable method for the determination of urinary estriol in pregnancy. Goebelsmann U.
Clin Chim Acta 23:469-74, Mar 69

Extraction of urinary phenolic steroids. Usui T.
Clin Chim Acta 24:467-8, Jun 69

Urinary excretion of oestriol and pregnanediol during bougie-induced abortion in mid-pregnancy. Manabe Y.
J Endocr 42:331-5, Oct 68

Placental hormone activity after removal of the fetus in a case of advanced abdominal pregnancy. Friedman S, et al. **J Obstet Gynaec Brit Comm** 76:554-8, Jun 69

The urinary excretion of oestriol after intra-amniotic injection of oestriol sulphate as a test of placental function. Klopper A, et al.
J Obstet Gynaec Brit Comm 76:534-7, Jun 69

Antenatal diagnosis of adrenocortical hyperplasia. Cathro DM, et al. **Lancet** 1:732, 5 Apr 69

[Meaning of the foeto-placental unit in the steroid metabolism] Rappaport R.
Ann Pediat (Paris) 16:62-4, 2 Jan 69 **(Fre)**

[Study of 13 cases of urinary elimination of testicular steroids after administration of H.M.G. (human menopausal gonadotropins) and H.C.G. (human chorionic gonadotropins)] Jayle MF, et al.
Gynec Obstet (Paris) 67:503-8, Nov-Dec 68 **(Fre)**

[The threatened fetal life in utero] Kubli F.
Wien Med Wschr 118:1069-74, 14 Dec 68 **(Ger)**

[The use of thin layer chromatography for the determination of estrogen steroids in urine] Rondini G, et al. **Minerva Pediat** 19:1796, 29 Sep 67 **(Ita)**

[Estriol as a function of the feto-placentar unity. I. Biosynthesis, excretion and metabolism of estriol in normal course of pregnancy] Vizzone A, et al.
Quad Clin Ostet Ginec 22:633-53, Sep 67 (111 ref.) **(Ita)**

ESTROGENIC SUBSTANCES, CONJUGATED

ADMINISTRATION & DOSAGE

[Climacteric complaints in internal medical practice. Results of a treatment with conjugated estrogens] Feindt H. **Hippokrates** 38:858-61, 15 Nov 67 **(Ger)**

[On the modification of serum lipids in healthy postmenopausal women by conjugated estrogens. II] Florian HJ, et al. **Z Geburtsh Gynaek** 170:118-24, Apr 69 **(Ger)**

ADVERSE EFFECTS

Estrogen replacement therapy. Acken HS Jr. **Obstet Gynec** 34:46-9, Jul 69

BIOSYNTHESIS

Conjugation of steroid hormones by breast-cancer tissue and selection of patients for adrenalectomy. Dao TL, et al. **Brit J Surg** 56:627, Aug 69

METABOLISM

Competitive binding of free and conjugated oestrogens to plasma proteins. Giorgi EP, et al. **J Endocr** 44:219-30, Jun 69

PHARMACODYNAMICS

Effect of conjugated oestrogen upon gonadotrophin excretion patterns in fetile women. Kaivola S, et al. **Ann Chir Gynaec Fenn** 57:596-602, 1968

The comparative effects of estrogens on amylase levels of cervical mucus. Skerlavay M, et al. **Fertil Steril** 20:581-9, Jul-Aug 69

[On the modification of serum lipids in healthy postmenopausal women by conjugated estrogens. II] Florian HJ, et al. **Z Geburtsh Gynaek** 170:118-24, Apr 69 **(Ger)**

THERAPEUTIC USE

Estrogen replacement therapy. Acken HS Jr. **Obstet Gynec** 34:46-9, Jul 69

[Therapy of climacteric disorders with Menrium] Arnold M. **Praxis** 58:87-91, 21 Jan 69 **(Ger)**

[On the use of Presomen in the therapy of urogenital hemorrhages] Rosdy E, et al. **Z Urol** 61:597-601, Sep 68 **(Ger)**

[Combined hormonal therapy of climacteric syndrome using tristeroid preparation "Trophobolene"] Teter J, et al. **Ginek Pol** 40:279-84, Mar 69 **(Pol)**

URINE

Estrogen conjugates of hen's urine. Mathur RS. **Canad J Biochem** 47:535-8, May 69

Metabolism of 17-alpha-ethynylestradiol and its 3-methyl ether by the rabbit; an in vivo D-homoannulation. Abdel-Aziz MT, et al. **Steroids** 13:809-20, Jun 69

The formation by the rabbit of N-acetylglucosaminides of steroid phenolic sulfates. Collins DC, et al. **Steroids** 13:783-92, Jun 69

ESTROGENS

Influence of age and ovarian stimulation upon carcinoma in situ. A histologic study. Levine AJ. **Amer J Obstet Gynec** 104:1023-6, 1 Aug 69

Synthesis of testosterones from estrogens. Berndt HD, et al. **Angew Chem [Eng]** 8:376-7, May 69

Estrogens, proestrogens and antiestrogens. Emmens CW, et al. **Steroids** 13:725-30, Jun 69

Effects of chronic oral administration of a long-acting estrogen, quinestrol, to dogs. Schwartz E, et al. **Toxic Appl Pharmacol** 14:487-94, May 69

[A simple method for the introduction of substituents in the 10-beta position of 19-norsteroids] Ponsold K, et al. **Tetrahedron Lett** 16:1209-12, Mar 69 **(Ger)**

ADMINISTRATION & DOSAGE

Estrogen therapy. Dreisbach RH, et al. **New Eng J Med** 281:108-9, 10 Jul 69

Effects of chronic oral administration of a long-acting estrogen, quinestrol, to dogs. Schwartz E, et al. **Toxic Appl Pharmacol** 14:487-94, May 69

[Influence of sex hormones on the metabolism of androgens] Mauvais-Jarvis P, et al. **Rev Franc Etud Clin Biol** 14:159-68, Feb 69 **(Fre)**

[Diagnostic and therapeutic possibilities in alopecia] Söltz-Szöts J. **Wien Med Wschr** 119:103-5, 8 Feb 69 (12 ref.) **(Ger)**

ADVERSE EFFECTS

Prevalence rates of uterine cervical carcinoma in situ for women using the diaphragm or contraceptive oral steroids. Melamed MR, et al. **Brit Med J** 3:195-200, 26 Jul 69

Current status of the management of patients with endocrine-sensitive tumors. II. Carcinoma of the prostate, endometrium, thyroid, kidney and miscellaneous tumors. Crowley LG, et al. **Calif Med** 110:139-50, Feb 69 (158 ref.)

Aberrant glandular polypi of the uterine cervix associated with contraceptive pills: pathology and pathogenesis. Govan AD, et al. **J Clin Path** 22:84-9, Jan 69

Treatment of hereditary telangiectasia. Bradbeer WH. **J Laryng** 83:667-9, Jul 69

Pseudoprecocious puberty in infants caused by a dermal ointment containing estrogens. Beas F, et al. **J Pediat** 75:127-30, Jul 69

Psychiatric aspects of oral contraceptives. Grant EC. **Med J Aust** 1:1106-7, 24 May 69

Estrogen therapy. Dreisbach RH, et al. **New Eng J Med** 281:108-9, 10 Jul 69

[On the diagnosis and therapy of primary amenorrhea] Weiser P. **Med Klin** 63:741-8, 10 May 68 **(Ger)**

[Thrombophlebitis in the material of the Clinic of Gynecology and Obstetrics IIof the Medical Academy in Wrocław] Jabłoński K, et al. **Wiad Lek** 22:905-8, 15 May 69 **(Pol)**

[Experimental study of the anti-tumor effect of complicated PDI(2-chlorethyl) aminophenylacetic acid esters with estrogens] Larionov LF, et al. **Vop Onkol** 14:61-4, 1968 **(Rus)**

ANALYSIS

Gas chromatographic analysis of estrogens. Honda K, et al. **Amer J Obstet Gynec** 104:528-32, 15 Jun 69

Studies on relative oestrogen concentrations in human malignant breast tumours. Ames F, et al. **Brit J Surg** 56:615, Aug 69

The use of human menopausal gonadotropins as a test for the differentiation of primary amenorrhea. Batrinos ML, et al. **Fertil Steril** 20:590-8, Jul-Aug 69

A study of the unconjugated steroids of bovine heart. II. Comparison of steroids of the male heart with those of the female heart. Metz EA. **J Amer Osteopath Ass** 68:1052-4, Jun 69

Direct fluorescence quantitation on thin-layer chromatograms. Hamman BL, et al. **J Lab Clin Med** 73:1042-8, Jun 69

Some skeletal measurements in patients with primary anorexia nervosa. Crisp AH. **J Psychosom Res** 13:125-42, Jun 69

The female sex cycle. Horrobin DF. **J Theor Biol** 22:80-8, Jan 69

Antenatal diagnosis of adrenocortical hyperplasia. Nichols J. **Lancet** 1:1151-2, 7 Jun 69

Radioimmunoassay for estrogens: a preliminary communication. Jiang NS, et al. **Mayo Clin Proc** 44:461-5, Jul 69

Vaginal hormonal cytology. Litwak O, et al. **Minn Med** 52:731-5, May 69

Estrogen assays in the clinical practice of gynecology and obstetrics. Scommegna A. **Obstet Gynec Survey** 24:387-95, May 69 (29 ref.)

Hapten-radioimmunoassay: a general procdure for the estimation of steroidal and other haptenic substances. Midgley AR Jr, et al. **Steroids** 13:731-7, Jun 69

[Treatment of threatened abortion with Allyloestrenol] Budínská B, et al. **Cesk Gynek** 34:242-4, Apr 69 **(Cze)**

[Estrindex and estrogenic indices in endangered pregnancy] Kobilková J, et al. **Cesk Gynek** 34:237-9, Apr 69 **(Cze)**

[Determination of estrogens in the saliva] Canzio C, et al. **Rass Int Stomat Prat** 20:45-52, Jan-Feb 69 **(Ita)**

[Cytohormonal effects of wedge-excision of ovaries in Stein-Leventhal syndrome] Ladygin E, et al. **Ginek Pol** 40:259-68, Mar 69 **(Pol)**

ANTAGONISTS & INHIBITORS

Interactions of 6,7-3H-17beta-estradiol with mammary gland and other organs of the C3H mouse in vivo. Puca GA, et al. **Endocrinology** 85:1-10, Jul 69

Further studies on the mechanism of action of the anti-estrogen (U11555A) in the inhibition of pregnancy in the rat. Yoshida K, et al. **Fertil Steril** 20:674-8, Jul-Aug 69

Effects of intravenous cupric sulphate on hypophysial activity in the female rat. Hiroi M, et al. **J Reprod Fertil** 18:439-44, Apr 69

Estrogens, proestrogens and antiestrogens. Emmens CW, et al. **Steroids** 13:725-30, Jun 69

BIOSYNTHESIS

Metabolic disorders of the ovary. Lunenfeld B, et al. **Advances Metab Dis** 3:153-207, 1968 (153 ref.)

Assessment of ovarian function by stimulation with gonadotrophins. Timonen S, et al. **Ann Chir Gynaec Fenn** 57:425-30, 1968

Secretion of C19-steroids and oestrogens in the polycystic ovary syndrome: production and secretion rates measured by isotope dilution in urine. Jeffcoate SL, et al. **J Endocr** 42:213-28, Oct 68

Evidence of a foetal role in determining the length of gestation. Turnbull AC, et al. **Postgrad Med J** 45:65-7, Jan 69 (32 ref.)

[Combined hormonal therapy of climacteric syndrome using tristeroid preparation "Trophobolene"] Teter J, et al. **Ginek Pol** 40:279-84, Mar 69 **(Pol)**

[Pseudopregnancy--pseudocyiesis] Bokiniec M, et al. **Pol Tyg Lek** 24:530-1, Apr 69 **(Pol)**

BLOOD

The binding of steroids to plasma proteins in normal women and women with breast cancer. Wang DY, et al. **Europ J Cancer** 5:247-53, Jun 69

Effect of luteinizing hormone, follicle-stimulating hormone and prolactin on steroid secretion by the autotransplanted ovary of the ewe. Baird DT, et al. **J Endocr** 43:18-9, Jan 69

Oestrogen and progesterone content of ovarian vein blood of the ewe during the oestrous cycle. Moore NW, et al. **J Endocr** 44:55-62, May 69

Oestrogen levels in peripheral blood plasma of the spotted. Mead RA, et al. **J Reprod Fertil** 18:351-3, Mar 69

[Determination of estrogens in the saliva] Canzio C, et al. **Rass Int Stomat Prat** 20:45-52, Jan-Feb 69 **(Ita)**

[Estrogen] Shida K, et al. **Jap J Clin Med** 27:378-85, Feb 69 (11 ref.) **(Jap)**

CHEMICAL SYNTHESIS

Some 3-alkoxyestra-1,3,5(10)-trien-17-beta-ols. Triggle DJ, et al. **J Med Chem** 12:346, Mar 69

CLASSIFICATION

[Determination of estrogens in the saliva] Canzio C, et al. **Rass Int Stomat Prat** 20:45-52, Jan-Feb 69 **(Ita)**

METABOLISM

The metabolism of steroids by skin in man. Grant JK. **Brit J Derm** 81:Suppl 2:18-22, 1969 (9 ref.)

Competitive binding of free and conjugated oestrogens to plasma proteins. Giorgi EP, et al. **J Endocr** 44:219-30, Jun 69

Development of endocrine function in the human placenta and fetus (first of two parts). Villee DB. **New Eng J Med** 281:473-84, 28 Aug 69 (88 ref.)

Estrogen assays in the clinical practice of gynecology and obstetrics. Scommegna A. **Obstet Gynec Survey** 24:387-95, May 69 (29 ref.)

Effects of ethinylestradiol-induced cholestasis on bile flow and biliary excretion of estradiol and estradiol glucuronide by the rat. Kreek MJ, et al. **Proc Soc Exp Biol Med** 131:646-50, Jun 69

The occurrence of 17-beta-hydroxy-C18-steroid oxidoreductase activity in sheep fetal blood. Findlay JK, et al. **Steroids** 13:763-72, Jun 69

[Influence of sex hormones on the metabolism of androgens] Mauvais-Jarvis P, et al. **Rev Franc Etud Clin Biol** 14:159-68, Feb 69 **(Fre)**

PHARMACODYNAMICS

Developments in sexual organogenesis. Gallien L. **Advances Morph** 6:259-317, 1967 (195 ref.)

Feeding and self-stimulation. Hoebel BG. **Ann NY Acad Sci** 157:758-78, 15 May 69

Cell division in normal mammalian tissues. Becker FF. **Ann Rev Med** 20:243-58, 1969 (98 ref.)

Development of dormant blastocysts induced by oestrogen in the ovariectomized marsupial, Macropus eugenii. Smith MJ, et al. **Aust J Biol Sci** 22:171-80, Feb 69

The effect of hormone treatment upon the duration of incubation in the Bengalese finch. Eisner E. **Behaviour** 33:262-76, 1969

Assay of thyroxine-binding globulin by polyacrylamide electrophoresis: normal values. Roberts RC, et al. **Clin Chem** 15:367-75, May 69

Factors affecting the wash-out rate of calcium from the myometrium. Poláček I, et al. **Europ J Pharmacol** 6:143-51, May 69

The comparative effects of estrogens on amylase levels of cervical mucus. Skerlavay M, et al. **Fertil Steril** 20:581-9, Jul-Aug 69

Pharmacological control of reproduction in women. Harper MJ. **Fortschr Arzneimittelforsch** 12:47-136, 1968 (748 ref.)

Orally active oestrogens and progestins in prevention of pregnancy in rats. Banik UK, et al. **J Reprod Fertil** 18:509-15, Apr 69

Effect of an IUCD on an endometrial response to steroid hormones in the rat. Brown-Grant K. **J Reprod Fertil** 18:475-80, Apr 69

Thyroid testing during drug administration. Myhill J. **Med J Aust** 1:422-4, 22 Feb 69

Estimation of estrogenic and toxic potencies of sugar beet plant (Beta vulgaris) and silage in mice. Grunert E, et al. **Planta Med** 17:71-8, Feb 69

Effects of ethinylestradiol-induced cholestasis on bile flow and biliary excretion of estradiol and estradiol glucuronide by the rat. Kreek MJ, et al. **Proc Soc Exp Biol Med** 131:646-50, Jun 69

Estrogens, proestrogens and antiestrogens. Emmens CW, et al. **Steroids** 13:725-30, Jun 69

Hormonal regulation of nucleic acid and protein synthesis. O'Malley BW. **Trans NY Acad Sci** 31:478-503, May 69

[Lactate dehydrogenase isoenzymes. Study in myocardial infarct and pulmonary embolism] Peytremann A, et al. **Schweiz Med Wschr** 99:698-702, 10 May 69 **(Fre)**

[Electron microscopic picture of the epithelial cell of the uterine mucosa in the experimental cycle of the castrated female rat] Rickers K, et al. **Beitr Path Anat** 136:180-208, 1967 **(Ger)**

[Influences on the binding capacity of thyroxine-binding proteins during pregnancy] Fridrich R, et al. **Schweiz Med Wschr** 99:833-9, Jun 69 **(Ger)**

[Rheumatic connective tissue metabolism and pathological structure of the connective tissue in rheumatoid arthritis] Lindner J. **Verh Deutsch Ges Inn Med** 74:1315-49, 1968 (170 ref.) **(Ger)**

[On the question of sex chromatin incidence of vaginal smears in newborn girls] Golob E, et al. **Wien Klin Wschr** 80:979-81, 27 Dec 68 **(Ger)**

[Estrogenic effect and serum copper content] Dokumov SI. **Z Geburtsh Gynaek** 170:28-36, 1969 **(Ger)**

[Effects of gonadotropin and ovarian hormones upon evoked potentials in the hypothalamus by stimulation of limbic structures] Kimura F. **J Physiol Soc Jap** 31:209-23, 1969 **(Jap)**

[Interaction between estrogen and progestogen in a vaginal smear of ovariectomized and partially hepatectomized rats] Maekawa K, et al. **J Tokyo Med Coll** 27:69-75, Jan 69 **(Jap)**

[10 years of research using steroids as controllers of ovulation] Martínez-Manautou J. **Gac Med Mex** 98:1560-75, Dec 68 **(Spa)**

PHYSIOLOGY

Biochemical determination of alkaline phosphatase activity in the human endometrium during the menstrual cycle. Gautray JP, et al. **Amer J Obstet Gynec** 104:818-22, 15 Jul 69

Time sequence of action of estrogen on nucleic acid and protein synthesis in the uterus and blastocyst during

delayed implantation in the rat. Dass CM, et al. **Endocrinology** 85:528-36, Sep 69
Estradiol-induced changes in beagle pups: effect of prenatal and postnatal administration. Gustafsson PO, et al. **Endocrinology** 85:481-91, Sep 69
Development of corpora lutea from follicles autotransplanted under the kidney capsule in rabbits. Keyes PL, et al. **Endocrinology** 85:423-7, Sep 69
Localization of luteinizing hormone-releasing factor in the pre-optic area. Crighton DB, et al. **J Reprod Fertil** 18:166, Feb 69
Respiratory studies of bovine endometrial preparations. Mather EC, et al. **J Reprod Fertil** 18:174, Feb 69
Fluctuations of human growth hormone secretion during menstrual cycle: response to arginine. Merimee TJ, et al. **Metabolism** 18:606-8, Jul 69
Localization of estrogen receptors in the rat hypothalamus. McGrire JL, et al. **Neuroendocrinology** 4:289-95, 1969
Experiments on the control of myometrial activity in the non-pregnant woman. Bengtsson LP. **Postgrad Med J** 45:73-4, Jan 69
The foetus as a parasite. Naismith DJ. **Proc Nutr Soc** 28:25-31, Mar 69
Pregnancy and the lower urinary tract. I. A study of histological changes in the lower urinary tract during pregnancy. Rooyen AJ van. **S Afr Med J** 43:749-53, 14 Jun 69
[Uterine bioelectric activity and uterokinesis] Iarukov L, et al. **Akush Ginek (Sofiia)** 7:359-67, 1968 (46 ref.) **(Bul)**
[Study of the physiological variations of plasma transcortin in woman during pregnancy] Guidollet J, et al. **Presse Med** 77:719-20, 19 Apr 69 **(Fre)**
[Feminizing testis syndrome. New eunuchoid-hypergonadotropic form] Borghi A, et al. **Rev Franc Endocr Clin** 9:477-88, Nov-Dec 68 **(Fre)**
[Mycologic and clinical diagnosis of fungi in women and pediatric gynecology] Veselý K, et al. **Zbl Gynaek** 90:1767-74, 28 Dec 68 **(Ger)**
[The endocrinology of puberty and adolescence. The female sex glands] Matsumoto S. **Clin Endocr (Tokyo)** 17:109-12, Feb 69 **(Jap)**
[Metabolism of cholesterol in early stages and its regulation] Yamazaki K. **Clin Endocr (Tokyo)** 17:175-81, Mar 69 **(Jap)**
[Endocrinology] Yoshida H. **Naika** 23:40-6, Jan 69 (25 ref.) **(Jap)**

SECRETION

Secretion of the prenidation estrogen surge by the nonluteal ovarian tissues. Kraicer PF. **Endocrinology** 85:177-8, Jul 69
Estrogen secretion by the rat ovary in vivo during the estrous cycle and pregnancy. Yoshinaga K, et al. **Endocrinology** 85:103-12, Jul 69
Influence of HCG on the production of oestrogens by the adrenal gland. Hall EV van, et al. **J Endocr** 43:xxxiv, Jan 69
Secretion of C19-steroids and oestrogens in the polycystic ovary syndrome. Ovarian studies in vivo and in vitro (including studies in vitro on a coincidental granulosa cell tumour). Jeffcoate SL, et al. **J Endocr** 42:229-43, Oct 68
Secretion of C19-steroids and oestrogens in the polycystic ovary syndrome: production and secretion rates measured by isotope dilution in urine. Jeffcoate SL, et al. **J Endocr** 42:213-28, Oct 68
Pheromone induced changes in the concentration of anterior pituitary acidophils. Avery TL. **J Reprod Fertil** 18:161, Feb 69
Oestrus and ovarian histology in the lactating vole (Microtus agrestis). Breed WG. **J Reprod Fertil** 18:33-42, Feb 69
Ovarian function and progestin content in response to gonadotrophins. Macdonald GJ. **J Reprod Fertil** 19:299-308, Jul 69
Effect of brain stimulation on estrous activity cycls. Hitt JC, et al. **Psychol Rep** 24:59-68, Feb 69
[Can one prove a relationship between hirsutism and Csaba I, et al. **Acta Med Acad Sci Hung** 26:47-56, 1969 **(Ger)**
[Syndromes of estrogenic hyperactivity in 2 cases of primary ovarian cancers] Kulig Z, et al. **Wiad Lek** 22:955-7, 15 May 69 **(Pol)**

THERAPEUTIC USE

Current status of the management of patients with endocrine-sensitive tumors. II. Carcinoma of the prostate, endometrium, thyroid, kidney and miscellaneous tumors. Crowley LG, et al. **Calif Med** 110:139-50, Feb 69 (158 ref.)
Systemic estrogen therapy of acne. Strauss JS, et al. **J Amer Med Wom Ass** 24:337-41, Apr 69
The use of oestrogens in chronic suppurative otitis media. Report of two cases. Durbidge TK. **J Otolaryng Soc Aust** 2:90, Mar 69
Acne vulgaris - guidelines for treatment. **Med Lett Drugs Ther** 10:23-4, 12 Jan 68
Estrogen therapy. Dreisbach RH, et al. **New Eng J Med** 281:108-9, 10 Jul 69
Treatment of carcinoma. Hormonal treatment and orchiectomy. Barnes RW. **Postgrad Med** 45:171 passim, Jun 69
[Estriol therapy of the menopause and in the post-menopausal period] Proost J, et al. **Bull Soc Roy Belg Gynec Obstet** 39:65-83, 1969 **(Dut)**
[The management of climacterium disorders] Hart PG. **Nederl T Geneesk** 113:1062-4, 14 Jun 69 **(Dut)**
[Policy in the presence of functional disturbances of "first periods". Puberty-nubility] Sersiron D. **Ann Pediat (Paris)** 16:133-48, 2 Feb 69 **(Fre)**
[Progestational hormones in the treatment of gynecologic cancers] Soutoul JH, et al. **Presse Med** 77:247-9, 8 Feb 69 **(Fre)**
[Influence of sex hormones on the metabolism of androgens] Mauvais-Jarvis P, et al. **Rev Franc Etud Clin Biol** 14:159-68, Feb 69 **(Fre)**
[Poisoning by ethylene glycol. An antidote: the citrate ion] Debray C, et al. **Sem Hop Paris** 44:3001-9, 26 Nov 68 **(Fre)**
[The modification of experimental ulcer in immobilized rats by different pharmacologic agents] Schramm H. **Deutsch Z Verdau Stoffwechselkr** 28:305-12, 1968 **(Ger)**
[On the diagnosis and therapy of primary amenorrhea] Weiser P. **Med Klin** 63:741-8, 10 May 68 **(Ger)**
[Drugs for treatment of fluor albus. 18] Götz HG. **Pharm Prax** 9:275-82, 1967 **(Ger)**
[Antithyroid agents. 15] Götz HG. **Pharm Prax** 9:258-64, 1967 (113 ref.) **(Ger)**
[Diagnostic and therapeutic possibilities in alopecia] Söltz-Szöts J. **Wien Med Wschr** 119:103-5, 8 Feb 69 (12 ref.) **(Ger)**
[The ovulation inhibitors in clinical practice] Vaglio N. **Minerva Med** 60:1522-3, 18 Apr 69 **(Ita)**
[A study of radiation hypophysectomy for prostatic cancer. (I) Review of the pituitary ablation in literature] Momose G, et al. **Jap J Urol** 60:145-57, Feb 69 (192 ref.) **(Jap)**
[Study of the menopausal status. Control of estrogenic therapy using vaginal cytology and urinary estrogen evaluation] Moura AF. **Rev Brasil Med** 26:11-4, Jan 69 **(Por)**
[Influence of sigetin on heartbeat of fetus during hemorrhage of the pregnant animal] Shcherbachenko GA. **Biull Eksp Biol Med** 63:65-7, Apr 67 **(Rus)**
[Anti-tumor and estrogenic activity of derivatives of various hormones with ethylene imido-phosphoric acid residues] Chernov VA, et al. **Vop Onkol** 14:69-75, 1968 **(Rus)**
[Experimental study of the anti-tumor effect of complicated PDI(2-chlorethyl) aminophenylacetic acid esters with estrogens] Larionov LF, et al. **Vop Onkol** 14:61-4, 1968 **(Rus)**

TOXICITY

Effects of chronic oral administration of a long-acting estrogen, quinestrol, to dogs. Schwartz E, et al. **Toxic Appl Pharmacol** 14:487-94, May 69
[Anti-tumor and estrogenic activity of derivatives of various hormones with ethylene imido-phosphoric acid residues] Chernov VA, et al. **Vop Onkol** 14:69-75, 1968 **(Rus)**

Experience of the use of 6 alpha-methyllynestrenol for patients with genital carcinoma. Rauramo L, et al. **Acta Obstet Gynec Scand** 47:528-40, 1968
Urinary steroid profile in threatened abortion. Acevedo HF, et al. **Amer J Obstet Gynec** 104:964-72, 1 Aug 69

Serial rapid assay of total urinary estrogens in pregnancy. Cummings RV, et al.
Amer J Obstet Gynec 104:1047-52, 1 Aug 69

Newborn estrogen excretion. Its relationship to sex, birth weight, maternal complications, and idiopathic respiratory distress syndrome. Dickey RP, et al.
Amer J Obstet Gynec 104:551-5, 15 Jun 69

Urinary estrogens and pregnanediol before and after insertion of an intrauterine contraceptive device. Faucher GL, et al.
Amer J Obstet Gynec 104:502-7, 15 Jun 69

Galactorrhea and amenorrhea with polycystic ovaries. Del Castillo syndrome or polycystic ovarian syndrome. Lavrič MV.
Amer J Obstet Gynec 104:814-7, 15 Jul 69

Urinary steroid excretion in a hirsute patient with ovarian cortical stromal hyperplasia and endometrial carcinoma. Mahesh VG, et al.
Amer J Obstet Gynec 104:602-3, 15 Jun 69

Non-tumorous "primary" aldosteronism. I. Type relieved by glucocorticoid (glucocorticoid-remediable aldosteronism). Salti IS, et al. **Canad Med Ass J** 101:1-10, 12 Jul 69

Pyridoxal phosphate concentration in plasma and tryptophan load test during pregnancy. Hamfelt A, et al. **Clin Chim Acta** 25:91-6, Jul 69

Prolonged gestation in a Holstein-Friesian cow. Clinical and reproductive steroid studies. Callahan CJ, et al.
Cornell Vet 59:370-87, Jul 69

Studies on the endocrinology of hirsutism in women. Ismail AA, et al. **J Endocr** 43:28, Jan 69

Secretion of C19-steroids and oestrogens in the polycystic ovary syndrome: production and secretion rates measured by isotope dilution in urine. Jeffcoate SL, et al. **J Endocr** 42:213-28, Oct 68

The identification and importance of new steroids in the foeto-placental unit. Kelly RW, et al.
J Endocr 43:xxiv-xxv, Jan 69

Hormone excretion patterns in perimenopausal women. Papanicolaou AD, et al.
J Endocr 43:xxvi, Jan 69

Placental hormone activity after removal of the fetus in a case of advanced abdominal pregnancy. Friedman S, et al. **J Obstet Gynaec Brit Comm** 76:554-8, Jun 69

Growth hormone secretion in idiopathic precocious puberty: effect of medroxyprogesterone. Kaplan S, et al. **J Pediat** 75:133-8, Jul 69

Estrogen assays in the clinical practice of gynecology and obstetrics. Scommegna A.
Obstet Gynec Survey 24:387-95, May 69 (29 ref.)

Evidence of a foetal role in determining the length of gestation. Turnbull AC, et al.
Postgrad Med J 45:65-7, Jan 69 (32 ref.)

The pregnant Natal Indian diabetic. Notelovitz M. **S Afr Med J** 43:394-9, 5 Apr 69

[Radio-immunologic determination of gonadotropins] Franchimont P.
Ann Endocr (Paris) 29:403-31, Jul-Aug 68 **(Fre)**

[Meaning of the foeto-placental unit in the steroid metabolism] Rappaport R.
Ann Pediat (Paris) 16:62-4, 2 Jan 69 **(Fre)**

[Familial male pseudohermaphroditism] Milcou SM, et al. **Rev Franc Endocr Clin** 9:465-75, Nov-Dec 68 **(Fre)**

[Personal experience in the extended diagnosis of prolonged pregnancy] Müller R, et al.
Deutsch Gesundh 23:2175-80, 14 Nov 68 **(Ger)**

[Excretion of androgens and estrogens in healthy subjects and patients with kidney failure. Studies with tritium-labeled steroids] Bolt W, et al.
Verh Deutsch Ges Inn Med 74:1215-8, 1968 **(Ger)**

[Hormonal and histologic studies in uterine myomas] Tóth F, et al.
Z Geburtsh Gynaek 170:163-71, Apr 69 **(Ger)**

[Hormonal and hematochemical variations in the premenstrual syndrome] Perini O, et al.
Minerva Ginec 19:940-1, 30 Sep 67 **(Ita)**

[Determination of estrogens in the saliva] Canzio C, et al. **Rass Int Stomat Prat** 20:45-52, Jan-Feb 69 **(Ita)**

[A case of endocraniosis with endocrine changes in the female genitals and monolateral optic atrophy caused by stenosis of the optic canal] Frezzotti R, et al.
Riv Otoneurooftal 42:483-91, Nov-Dec 67 **(Ita)**

[Light absorption analysis. 1. Fluorometric analysis] Aizawa Y. **Clin Endocr (Tokyo)** 17:217-21, Mar 69 **(Jap)**

[The endocrinology of puberty and adolescence. Prolactin] Okamoto R.
Clin Endocr (Tokyo) 17:79-86, Feb 69 (53 ref.) **(Jap)**

[Estrogen] Shida K, et al.
Jap J Clin Med 27:378-85, Feb 69 (11 ref.) **(Jap)**

[Study of the menopausal status. Control of estrogenic therapy using vaginal cytology and urinary estrogen evaluation] Moura AF.
Rev Brasil Med 26:11-4, Jan 69 **(Por)**

[Determination of estrogens content in urine by Uttrich method] Eiber NS.
Lab Delo 9:541-2, 1967 **(Rus)**

[State of the endocrine system in experimental animals with chronic radiation injury] Strel'tsova VN.
Med Radiol (Moskva) 12:83-92, Oct 67 (35 ref.) **(Rus)**

[Current concepts in the management of abortion. 3. Hormone studies as an aid in the management of abortion] Vázquez E, et al.
Gac Med Mex 98:1269-75, Oct 68 **(Spa)**

ESTRONE

A souble 17 beta-hydroxysteroid dehydrogenase from human placenta. The binding of pyridine nucleotides and steroids. Jarabak J, et al.
Biochemistry (Wash) 8:2203-12, May 69

Metabolism of 17-alpha-ethynylestradiol and its 3-methyl ether by the rabbit; an in vivo D-homoannulation. Abdel-Aziz MT, et al.
Steroids 13:809-20, Jun 69

Preparation and physico-chemical properties of some steroid heptafluorobutyrates and 3-enol heptafluorobutyrates. Dehennin LA, et al.
Steroids 13:739-61, Jun 69

ANALYSIS

Levels of testosterone, androstenedione, estrone and estradiol-17 beta in the testes of fetal sheep. Attal JA.
Endocrinology 85:280-9, Aug 69

Antenatal diagnosis of adrenocortical hyperplasia. Nichols J. **Lancet** 1:1151-2, 7 Jun 69

Radioimmunoassay for estrogens: a preliminary communication. Jiang NS, et al.
Mayo Clin Proc 44:461-5, Jul 69

Hapten-radioimmunoassay: a general procdure for the estimation of steroidal and other haptenic substances. Midgley AR Jr, et al. **Steroids** 13:731-7, Jun 69

[The painful syndromes of the cycle] Baudet JH.
Presse Med 77:953-6, 28 May 69 **(Fre)**

BIOSYNTHESIS

Formation of 17alpha-hydroxy-pregnenolone, 17alpha-hydroxy-progesterone and progesterone by hydatidiform moles in vitro. Leusden HA van, et al.
Acta Endocr (Kobenhavn) 61:68-75, May 69

Stereochemistry of estrogen biosynthesis. Fishman J, et al. **J Amer Chem Soc** 91:2805-6, 7 May 69

[Feminization, in culture in vitro, of chick embryo testis by the embryonic testis of the calf] Akram H, et al.
Arch Anat Micr Morph Exp 57:369-78, Oct-Dec 68 **(Fre)**

BLOOD

The metabolism of steroids by skin in man. Grant JK.
Brit J Derm 81:Suppl 2:18-22, 1969 (9 ref.)

The secretion of steroids from the autotransplanted ovary in the ewe spontaneously and in response to systemic gonadotropin. Baird DT, et al.
J Endocr 42:283-99, Oct 68

Oestrogen and progesterone content of ovarian vein blood of the ewe during the oestrous cycle. Moore NW, et al. **J Endocr** 44:55-62, May 69

Oestrogen levels in peripheral blood plasma of the spotted. Mead RA, et al.
J Reprod Fertil 18:351-3, Mar 69

[On the determination of plasma 11-hydroxycorticosteroids by the rapid fluorometric method of Mattingly] Pichler E.
Clin Chim Acta 24:283-92, May 69 **(Ger)**

CHEMICAL SYNTHESIS

Heterocyclic steroids XIV. Total synthesis of d,l-8,9-dehydro-13-azaestrone methyl ether. Hubert JC, et al. **Tetrahedron Lett** 20:1553-6, Apr 69

Steroids. II. Synthesis of 19-norprogesterone via 19-nordiosgenin and synthesis of A-aromatic diosgenin. Sunthankar SV, et al.
Tetrahedron Lett 26:2113-6, Jun 69

METABOLISM

Distribution patterns of in vivo conversion products of injected estradiol-17-beta-4-14C and estrone-4-14C in the urines of the nonlaying and laying hen. Common RH, et al. **Canad J Biochem** 47:539-45, May 69

Estrogen conjugates of hen's urine. Mathur RS. **Canad J Biochem** 47:535-8, May 69

Competitive binding of free and conjugated oestrogens to plasma proteins. Giorgi EP, et al. **J Endocr** 44:219-30, Jun 69

Estrogen assays in the clinical practice of gynecology and obstetrics. Scommegna A. **Obstet Gynec Survey** 24:387-95, May 69 (29 ref.)

The formation by the rabbit of N-acetylglucosaminides of steroid phenolic sulfates. Collins DC, et al. **Steroids** 13:783-92, Jun 69

The occurrence of 17-beta-hydroxy-C18-steroid oxidoreductase activity in sheep fetal blood. Findlay JK, et al. **Steroids** 13:763-72, Jun 69

The effect of steroidal hormones on the binding of 17beta-estradiol by the mouse uterus and vagina. Terenius L. **Steroids** 13:311-25, Mar 69

Conjugation of steroid hormones by breast cancer tissue and selection of patients for adrenalectomy. Dao TL, et al. **Surgery** 66:162-6, Jul 69

[The metabolism of oestrone in the microsomal fraction of the liver of the human fetus and of one adult] Lehmann WD, et al. **Arch Gynaek** 207:539-49, 1969 (Ger)

PHARMACODYNAMICS

Effect of pre-pubertal gonadectomy and treatment with sex hormones on body growth, weight of organs and skin collagen of hamsters. Kowalewski K. **Acta Endocr (Kobenhavn)** 61:48-56, May 69

Effect of steroids on neuropharmacologic blockade of ovulation in pregnant mare's serum (PMS)-primed immature rats. Ying SY, et al. **Endocrinology** 84:1466-74, Jun 69

Blastocyst survival in ovariectomized rats. Buchanan GD. **J Reprod Fertil** 19:279-83, Jul 69

The effect of steroidal hormones on the binding of 17beta-estradiol by the mouse uterus and vagina. Terenius L. **Steroids** 13:311-25, Mar 69

[Expemental findings on the pathophysiology of pregnancy varicosis] Florian J, et al. **Zbl Phlebol** 8:95-101, 15 May 69 (Ger)

URINE

Urinary steroid excretion in a hirsute patient with ovarian cortical stromal hyperplasia and endometrial carcinoma. Mahesh VG, et al. **Amer J Obstet Gynec** 104:602-3, 15 Jun 69

A routine method for the determination of urinary estrone. Hirvonen E, et al. **Ann Chir Gynaec Fenn** 57:457-9, 1968

Amenorrhea associated with emaciation. Timonen S, et al. **Ann Chir Gynaec Fenn** 57:431-5, 1968

Urinary oestrone in imminent abortion. Timonen S, et al. **Ann Chir Gynaec Fenn** 57:447-50, 1968

Distribution patterns of in vivo conversion products of injected estradiol-17-beta-4-14C and estrone-4-14C in the urines of the nonlaying and laying hen. Common RH, et al. **Canad J Biochem** 47:539-45, May 69

Placental hormone activity after removal of the fetus in a case of advanced abdominal pregnancy. Friedman S, et al. **J Obstet Gynaec Brit Comm** 76:554-8, Jun 69

The formation by the rabbit of N-acetylglucosaminides of steroid phenolic sulfates. Collins DC, et al. **Steroids** 13:783-92, Jun 69

[Study of 13 cases of urinary elimination of testicular steroids after administration of H.M.G. (human menopausal gonadotropins) and H.C.G. (human chorionic gonadotropins)] Jayle MF, et al. **Gynec Obstet (Paris)** 67:503-8, Nov-Dec 68 (Fre)

[The use of thin layer chromatography for the determination of estrogen steroids in urine] Rondini G, et al. **Minerva Pediat** 19:1796, 29 Sep 67 (Ita)

ETHINYL ESTRADIOL

Effect of some contraceptive steroids on growth and development of salivary glands and incidence of dental caries in female rats. Liu FT, et al. **J Dent Res** 48:477-82, May-Jun 69

ADMINISTRATION & DOSAGE

Oral contraception using a sequential method. A clinical investigation. Stenström B. **Acta Obstet Gynec Scand** 47:443-50, 1968

Clinical evaluation of estrogen-androgen combination in advanced breast cancer. Haines CR, et al. **Amer J Surg** 117:589-94, Apr 69

Inhibition of lactation with a new oestrogen. Fell MR. **Brit J Clin Pract** 23:288-9, 7 Jul 69

A clinical trial of a new totally synthetic low dose progestagen. Foss GL. **J Reprod Fertil** 18:59-66, Feb 69

Estrogen therapy. Dreisbach RH, et al. **New Eng J Med** 281:108-9, 10 Jul 69

[Influence of sex hormones on the metabolism of androgens] Mauvais-Jarvis P, et al. **Rev Franc Etud Clin Biol** 14:159-68, Feb 69 (Fre)

ADVERSE EFFECTS

Clinical evaluation of estrogen-androgen combination in advanced breast cancer. Haines CR, et al. **Amer J Surg** 117:589-94, Apr 69

Oral contraceptives. **Med Lett Drugs Ther** 10:66-8, 23 Aug 68

[Cytologic cervix uteri findings during treatment with oral ovulation inhibitors] Dacić Z. **Med Welt** 51:3110-1, 23 Dec 67 (Ger)

METABOLISM

Metabolism of 17-alpha-ethynylestradiol and its 3-methyl ether by the rabbit; an in vivo D-homoannulation. Abdel-Aziz MT, et al. **Steroids** 13:809-20, Jun 69

PHARMACODYNAMICS

Depression of physical activity by contraceptive pills. Morris NM, et al. **Amer J Obstet Gynec** 104:1012-4, 1 Aug 69

Some factors influencing the urinary excretion of oxalic acid in man. Zarembski PM, et al. **Clin Chim Acta** 25:1-10, Jul 69

The comparative effects of estrogens on amylase levels of cervical mucus. Skerlavay M, et al. **Fertil Steril** 20:581-9, Jul-Aug 69

Elevated nonprotein-bound cortisol (NPC) in pregnancy, during estrogen administration and in carcinoma of the prostate. Doe RP, et al. **J Clin Endocr** 29:757-66, Jun 69

Effect of oral contraceptives on the cardiovascular system of normal females. el-Sherif A, et al. **J Obstet Gynaec Brit Comm** 76:542-4, Jun 69

Orally active oestrogens and progestins in prevention of pregnancy in rats. Banik UK, et al. **J Reprod Fertil** 18:509-15, Apr 69

Oral contraceptives and glucose tolerance. Doar JW, et al. **Lancet** 1:1156, 7 Jun 69

Experiments on the control of myometrial activity in the non-pregnant woman. Bengtsson LP. **Postgrad Med J** 45:73-4, Jan 69

Effects of ethinylestradiol-induced cholestasis on bile flow and biliary excretion of estradiol and estradiol glucuronide by the rat. Kreek MJ, et al. **Proc Soc Exp Biol Med** 131:646-50, Jun 69

[Estrogenic effect and serum copper content] Dokumov SI. **Z Geburtsh Gynaek** 170:28-36, 1969 (Ger)

THERAPEUTIC USE

[Treatment of climacteric syndrome with estriol in practice] Heuer D. **Arzneimittelforschung** 19:121-2, Jan 69 (Ger)

[Anti-dysmenorrhea drugs. 17] Götz HG. **Pharm Prax** 9:271-5, 1967 (84 ref.) (Ger)

[Estro-progestogenic therapy of the "menopausal syndrome", using a sequential technic] Zinelli G, et al. **Ann Ostet Ginec** 90:873-95, Dec 68 (Ita)

[Clinical experience with a new combination of MAP + ethinyl estradiol in small doses] Cittadini E, et al. **Attualita Ostet Ginec** 12:403-14, Sep-Oct 67 (Ita)

[A new association of megestrol acetate and ethinyl estradiol in gynecologic therapy. Preliminary results] Signorelli I, et al. **Minerva Ginec** 21:512-22, 30 Apr 69 (Ita)

URINE

Metabolism of 17-alpha-ethynylestradiol and its

3-methyl ether by the rabbit; an in vivo D-homoannulation. Abdel-Aziz MT, et al. **Steroids** 13:809-20, Jun 69

ETHISTERONE

Semiquantitative estimation of urinary pregnanetriol, pregnanetriolone and tetrahydro S in the investigation of adrenocortical function. Thomas FJ, et al. **Acta Endocr (Kobenhavn)** 60:645-56, Apr 69

PHARMACODYNAMICS

Interactions of 6,7-3H-17beta-estradiol with mammary gland and other organs of the C3H mouse in vivo. Puca GA, et al. **Endocrinology** 85:1-10, Jul 69

ETHYLESTRENOL

PHARMACODYNAMICS

Pharmacological enhancement of fibrinolysis. Fearnley GR, et al. **J Clin Path** 22:368-9, May 69

THERAPEUTIC USE

Treatment of Behcet's syndrome with phenformin and ethyloestrenol. Cunliffe WJ, et al. **Lancet** 1:1239-40, 21 Jun 69

ETHYNODIOL DIACETATE

ADMINISTRATION & DOSAGE

Relationship between the oral contraceptive and folic acid metabolism. Serum folate concentrations. McLean FW, et al. **Amer J Obstet Gynec** 104:745-7, 1 Jul 69

ADVERSE EFFECTS

[Cerebral circulatory disorders and oral contraceptives] Fogelholm R, et al. **Duodecim** 85:167-71, 1969 **(Fin)**

[Ovulen, its effect on the endometrium, uterine cervix and ovary] Mulier G, et al. **Gynec Obstet (Paris)** 67:521-32, Nov-Dec 68 **(Fre)**

PHARMACODYNAMICS

[Ovulen, its effect on the endometrium, uterine cervix and ovary] Mulier G, et al. **Gynec Obstet (Paris)** 67:521-32, Nov-Dec 68 **(Fre)**

THERAPEUTIC USE

Comparison of the mechanisms underlying carbohydrate intolerance in subclinical diabetic women during pregnancy and during post-partum oral contraceptive steroid treatment. Beck P, et al. **J Clin Endocr** 29:807-18, Jun 69

[Ovulen, its effect on the endometrium, uterine cervix and ovary] Mulier G, et al. **Gynec Obstet (Paris)** 67:521-32, Nov-Dec 68 **(Fre)**

FLUOXYMESTERONE

ADMINISTRATION & DOSAGE

Clinical evaluation of estrogen-androgen combination in advanced breast cancer. Haines CR, et al. **Amer J Surg** 117:589-94, Apr 69

ADVERSE EFFECTS

Clinical evaluation of estrogen-androgen combination in advanced breast cancer. Haines CR, et al. **Amer J Surg** 117:589-94, Apr 69

PHARMACODYNAMICS

Plasma levels of testosterone in male rabbits following copulation. Haltmeyer GC, et al. **J Reprod Fertil** 19:273-7, Jul 69

Stimulation of erythropoietin by androgen in the human. Moores RR, et al. **Scand J Haemat** 5:415-24, 1968

HEXESTROL

METABOLISM

Oestrogen binding in the mouse uterus: 17 beta-oestradiol and meso-hexoestrol compete for the binding sites. Terenius L. **Acta Pharmacol (Kobenhavn)** 27:120-8, 1969

HYDROXYMETHYLTESTOSTERONE

THERAPEUTIC USE

[Different responses to anabolizing steroid therapy in premature and dystrophic infants] Vaccari A, et al. **Minerva Pediat** 19:2007-11, 10 Nov 67 **(Ita)**

HYDROXYPREGNENOLONE

BIOSYNTHESIS

Formation of 17alpha-hydroxy-pregnenolone, 17alpha-hydroxy-progesterone and progesterone by hydatidiform moles in vitro. Leusden HA van, et al. **Acta Endocr (Kobenhavn)** 61:68-75, May 69

ISOLATION & PURIFICATION

Formation of 17alpha-hydroxy-pregnenolone, 17alpha-hydroxy-progesterone and progesterone by hydatidiform moles in vitro. Leusden HA van, et al. **Acta Endocr (Kobenhavn)** 61:68-75, May 69

METABOLISM

Conversion of 17-alpha-hydroxypregnenolone to alpha, beta-unsaturated 3-ketosteroids by the previable human foetus. Jackanicz TM, et al. **Biochim Biophys Acta** 176:883-5, 10 Jun 69

Effect of diethylstilbestrol on enzymes of cryptochid mouse testes of Balb-c mice. Samuels LT, et al. **Endocrinology** 85:96-102, Jul 69

PHARMACODYNAMICS

Effect of steroids on neuropharmacologic blockade of ovulation in pregnant mare's serum (PMS)-primed immature rats. Ying SY, et al. **Endocrinology** 84:1466-74, Jun 69

HYDROXYPROGESTERONE

BIOSYNTHESIS

Formation of 17alpha-hydroxy-pregnenolone, 17alpha-hydroxy-progesterone and progesterone by hydatidiform moles in vitro. Leusden HA van, et al. **Acta Endocr (Kobenhavn)** 61:68-75, May 69

Effect of diethylstilbestrol on enzymes of cryptochid mouse testes of Balb-c mice. Samuels LT, et al. **Endocrinology** 85:96-102, Jul 69

Formation of steroid hormones in the porcine ovary in vitro. Aakvaag A. **J Endocr** 43:xxv-xxvi, Jan 69

Steroidogenesis in a case of hydatidiform mole. Coutts JR, et al. **J Endocr** 43:27-8, Jan 69

BLOOD

A simplified metyrapone test with determination of plasma 11-deoxycortisol (Metyrapone test with plasma S). Meikle AW, et al. **J Clin Endocr** 29:985-7, Jul 69

CHEMICAL SYNTHESIS

Synthesis of 14 alpha-hydroxyprogesterone and its isolation from human late-pregnancy urine. Bhavnani BR, et al. **Biochemistry (Wash)** 8:2105-11, May 69

[Synthesis of 17 alpha-acetoxyprogesterone] Veĭtsman AM, et al. **Farm Zh (Kiev)** 23:47-9, 1968 **(Ukr)**

ISOLATION & PURIFICATION

Synthesis of 14 alpha-hydroxyprogesterone and its isolation from human late-pregnancy urine. Bhavnani BR, et al. **Biochemistry (Wash)** 8:2105-11, May 69

Influence of steroid distribution between microsomes and soluble fraction on steroid metabolism by microsomal enzymes. Matsumoto K, et al. **Endocrinology** 85:402-9, Sep 69

METABOLISM

Conversion of 17-alpha-hydroxypregnenolone to alpha, beta-unsaturated 3-ketosteroids by the previable human foetus. Jackanicz TM, et al. **Biochim Biophys Acta** 176:883-5, 10 Jun 69

Influence of steroid distribution between microsomes and soluble fraction on steroid metabolism by microsomal enzymes. Matsumoto K, et al. **Endocrinology** 85:402-9, Sep 69

PHARMACODYNAMICS

Chromosomes of metastatic ovarian carcinoma treated with a progestogen and alkylating agents. Katayama KP, et al. **Amer J Obstet Gynec** 104:997-1003, 1 Aug 69

Effect of steroids on neuropharmacologic blockade of ovulation in pregnant mare's serum (PMS)-primed immature rats. Ying SY, et al. **Endocrinology** 84:1466-74, Jun 69

[Influence of some C21-steroids on the uptake of water by developing embryonic cartilage in vitro] Schär B. **Experientia** 25:322-3, 15 Mar 69 **(Ger)**

[Studies on the effect of 19-nor-17alpha-hydroxyprogesterone caproate on the prostate, seminal vesicles and testis of the rat] Hahn JD, et al. **Naunyn Schmiedeberg Arch Pharm Exp Path** 260:131, 1968 **(Ger)**

THERAPEUTIC USE

17-alpha-hydroxyprogesterone caproate treatment of gynecologic cancer. Hreshchyshyn MM, et al. **Amer J Obstet Gynec** 104:916-8, 15 Jul 69

Chromosomes of metastatic ovarian carcinoma treated with a progestogen and alkylating agents. Katayama KP, et al. **Amer J Obstet Gynec** 104:997-1003, 1 Aug 69

Pubertal hemorrhages in girls with a hemorrhagic disorder. Comments on management. Van Creveld S, et al. **Clin Pediat (Phila)** 8:398-9, Jul 69

[Treatment of hypertrophy of the prostate with gestagens] Vahlensieck W, et al. **Munchen Med Wschr** 110:1573-7, 28 Jun 68 **(Ger)**

URINE

Synthesis of 14 alpha-hydroxyprogesterone and its isolation from human late-pregnancy urine. Bhavnani BR, et al. **Biochemistry (Wash)** 8:2105-11, May 69

LYNESTRENOL

ADMINISTRATION & DOSAGE

Experience of the use of 6 alpha-methyllynestrenol for patients with genital carcinoma. Rauramo L, et al. **Acta Obstet Gynec Scand** 47:528-40, 1968

[Radioimmunoassay of thyrotropin (TSH) in human plasma] Freychet P, et al. **Presse Med** 77:13-6, 4 Jan 69 **(Fre)**

BLOOD

Metabolism of [4-14C]lynestrenol in man. Kamyab S, et al. **J Endocr** 42:337-43, Oct 68

METABOLISM

Metabolism of [4-14C]lynestrenol in man. Kamyab S, et al. **J Endocr** 42:337-43, Oct 68

PHARMACODYNAMICS

The influence of lynestrenol on the rate of metabolism of phenobarbital, phenytoin and hexobarbital in mice. Rümke CL, et al. **Europ J Pharmacol** 6:163-8, May 69

Effects of prolonged feeding of an ovulation inhibitor (Lyndiol) on ageing of the hypothalamic-ovarian axis and pituitary gland tumorigenesis in rats. Zeilmaker GH. **J Endocr** 43:xxi-xxii, Jan 69

THERAPEUTIC USE

Pubertal hemorrhages in girls with a hemorrhagic disorder. Comments on management. Van Creveld S, et al. **Clin Pediat (Phila)** 8:398-9, Jul 69

[Administration of gestagens in the treatment of female genital tuberculosis] Patat P. **Med Mschr** 23:282-4, Jun 69 **(Ger)**

URINE

Metabolism of [4-14C]lynestrenol in man. Kamyab S, et al. **J Endocr** 42:337-43, Oct 68

MEDROXYPROGESTERONE

Effect of some contraceptive steroids on growth and development of salivary glands and incidence of dental caries in female rats. Liu FT, et al. **J Dent Res** 48:477-82, May-Jun 69

Studies of adrenocortical ultrastructure. 3. Effects of dexamethasone and medroxyprogesterone on interrenal cells of the domestic fowl. Kjaerheim A. **Z Zellforsch** 91:456-74, 1968

ADMINISTRATION & DOSAGE

Local use of progestogen in cancer. Craft IL. **Brit Med J** 3:115, 12 Jul 69

Growth hormone secretion in idiopathic precocious puberty: effect of medroxyprogesterone. Kaplan S, et al. **J Pediat** 75:133-8, Jul 69

[Current concepts in the management of abortion. IV. Results gained in the treatment of abortion using new progestational steroids] Alvarez-Bravo A, et al. **Gac Med Mex** 98:1275-87, Oct 68 **(Spa)**

ADVERSE EFFECTS

Growth hormone secretion in idiopathic precocious puberty: effect of medroxyprogesterone. Kaplan S, et al. **J Pediat** 75:133-8, Jul 69

PHARMACODYNAMICS

Effects of medroxyprogesterone acetate and chlorpromazine on ovulation and vaginal cytology in a strain of 4-day cyclic rats. Banik UK, et al. **Canad J Physiol Pharmacol** 47:573-5, Jun 69

Effect of steroids on neuropharmacologic blockade of ovulation in pregnant mare's serum (PMS)-primed immature rats. Ying SY, et al. **Endocrinology** 84:1466-74, Jun 69

Nidation in weanling rats treated with PMS and gonadal steroids. Khan ZU, et al. **Fertil Steril** 20:667-73, Jul-Aug 69

Growth hormone secretion in idiopathic precocious puberty: effect of medroxyprogesterone. Kaplan S, et al. **J Pediat** 75:133-8, Jul 69

Effectiveness of 6alpha-methyl-17-acetoxyprogesterone, in combination with oestradiol benzoate, in inducing delayed implantation in the mouse. Dickson AD. **J Reprod Fertil** 18:227-33, Mar 69

Out-of-season breeding in sheep. Betts JE, et al. **Vet Rec** 84:358-9, 5 Apr 69

THERAPEUTIC USE

Hormonal management of breast cancer. Muggia FM. **Brit Med J** 3:179, 19 Jul 69

Two unusual uses of steroid hoones in pelvic infections. Campbell C. **Clin Obstet Gynec** 12:247-51, Mar 69

Growth hormone secretion in idiopathic precocious puberty: effect of medroxyprogesterone. Kaplan S, et al. **J Pediat** 75:133-8, Jul 69

[Clinical experience with a new combination of MAP + ethinyl estradiol in small doses] Cittadini E, et al. **Attualita Ostet Ginec** 12:403-14, Sep-Oct 67 **(Ita)**

[Current concepts in the management of abortion. IV. Results gained in the treatment of abortion using new progestational steroids] Alvarez-Bravo A, et al. **Gac Med Mex** 98:1275-87, Oct 68 **(Spa)**

MEGESTROL

[Cerebral circulatory disorders and oral contraceptives] Fogelholm R, et al. **Duodecim** 85:167-71, 1969 **(Fin)**

ADMINISTRATION & DOSAGE

Oral contraception using a sequential method. A clinical investigation. Stenström B. **Acta Obstet Gynec Scand** 47:443-50, 1968

ADVERSE EFFECTS

Preliminary evaluation of four oral contraceptives

containing only progestogens. Mears E, et al.
Brit Med J 1:730-4, 21 Jun 69

PHARMACODYNAMICS

Effect of conjugated oestrogen upon gonadotrophin excretion patterns in fetile women. Kaivola S, et al.
Ann Chir Gynaec Fenn 57:596-602, 1968
Effect of oral contraceptives on the cardiovascular system of normal females. el-Sherif A, et al.
J Obstet Gynaec Brit Comm 76:542-4, Jun 69
Control of sexual activity in ranch cows by intramuscular and intravaginal administration of progestagens. Hale DH, et al.
J Reprod Fertil 18:193-6, Mar 69

THERAPEUTIC USE

Preliminary evaluation of four oral contraceptives containing only progestogens. Mears E, et al.
Brit Med J 1:730-4, 21 Jun 69
Pubertal hemorrhages in girls with a hemorrhagic disorder. Comments on management. Van Creveld S, et al. Clin Pediat (Phila) 8:398-9, Jul 69
[A new association of megestrol acetate and ethinyl estradiol in gynecologic therapy. Preliminary results] Signorelli I, et al.
Minerva Ginec 21:512-22, 30 Apr 69 (Ita)

MESTRANOL

ADMINISTRATION & DOSAGE

Relationship between the oral contraceptive and folic acid metabolism. Serum folate concentrations. McLean FW, et al.
Amer J Obstet Gynec 104:745-7, 1 Jul 69
Effects of a cyclic steroid contraceptive regimen on mammary gland tumor induction in rats. Stern E, et al.
Brit J Cancer 23:391-400, Jun 69
Biologically active cortisol in plasma of oestrogen-treated and normal subjects. Burke CW.
Brit Med J 2:798-800, 28 Jun 69
[Radioimmunoassay of thyrotropin (TSH) in human plasma] Freychet P, et al.
Presse Med 77:13-6, 4 Jan 69 (Fre)

ADVERSE EFFECTS

Oral contraceptives and glucose tolerance. Clinch J, et al. Lancet 2:109-10, 12 Jul 69
Oral contraceptives.
Med Lett Drugs Ther 10:66-8, 23 Aug 68
[Cerebral circulatory disorders and oral contraceptives] Fogelholm R, et al.
Duodecim 85:167-71, 1969 (Fin)
[Ovulen, its effect on the endometrium, uterine cervix and ovary] Muller G, et al.
Gynec Obstet (Paris) 67:521-32, Nov-Dec 68 (Fre)
[Cytologic cervix uteri findings during treatment with oral ovulation inhibitors] Dacić Z.
Med Welt 51:3110-1, 23 Dec 67 (Ger)
[Clinical use of combined tablets of norethisterone 1.0 mg and mestranol.05 mg] Domon H, et al.
Clin Endocr (Tokyo) 17:133-6, Feb 69 (Jap)

METABOLISM

Metabolism of 17-alpha-ethynylestradiol and its 3-methyl ether by the rabbit; an in vivo D-homoannulation. Abdel-Aziz MT, et al.
Steroids 13:809-20, Jun 69

PHARMACODYNAMICS

Effect of a combination of norethynodrel and mestranol on plasma luteinizing hormone in normal women. Abraham GE, et al.
Amer J Obstet Gynec 104:1038-42, 1 Aug 69
Depression of physical activity by contraceptive pills. Morris NM, et al.
Amer J Obstet Gynec 104:1012-4, 1 Aug 69
Cell renewal in the human cervix uteri; a radioautographic study DNA, RNA, and protein synthesis. Schellhas HF, et al.
Amer J Obstet Gynec 104:617-32, 1 Jul 69
Biologically active cortisol in plasma of oestrogen-treated and normal subjects. Burke CW.
Brit Med J 2:798-800, 28 Jun 69
Inhibition of growth and width of tibial cartilage in rats by a contraceptive agent. Husain SM, et al.
Growth 33:17-24, Mar 69
Experimental production of hyperostosis frontalis interna in mice. Rudali G.
Israel J Med Sci 4:1230-5, Nov-Dec 68
Effects of prolonged feeding of an ovulation inhibitor (Lyndiol) on ageing of the hypothalamic-ovarian axis and pituitary gland tumorigenesis in rats. Zeilmaker GH. J Endocr 43:xxi-xxii, Jan 69
Effect of oral contraceptives on the cardiovascular system of normal females. el-Sherif A, et al.
J Obstet Gynaec Brit Comm 76:542-4, Jun 69
Orally active oestrogens and progestins in prevention of pregnancy in rats. Banik UK, et al.
J Reprod Fertil 18:509-15, Apr 69
[Ovulen, its effect on the endometrium, uterine cervix and ovary] Muller G, et al.
Gynec Obstet (Paris) 67:521-32, Nov-Dec 68 (Fre)

THERAPEUTIC USE

Experimental therapeutic investigations with 1-(morpholinomethyl)-4-phthalimido-piperidindione-2,6 on dimethylbenzanthracene-induced tumors of Sprague-Dawley rats. Mückter H, et al.
Cancer Res 29:1212-7, Jun 69
Pubertal hemorrhages in girls with a hemorrhagic disorder. Comments on management. Van Creveld S, et al. Clin Pediat (Phila) 8:398-9, Jul 69
Comparison of the mechanisms underlying carbohydrate intolerance in subclinical diabetic women during pregnancy and during post-partum oral contraceptive steroid treatment. Beck P, et al.
J Clin Endocr 29:807-18, Jun 69
Amelioration of hypertriglyceridaemia by progestational drugs in familial type-V hyperlipoproteinaemia. Glueck CJ, et al.
Lancet 1:1290-1, 28 Jun 69
Acne vulgaris - guidelines for treatment.
Med Lett Drugs Ther 10:23-4, 12 Jan 68
[Ovulen, its effect on the endometrium, uterine cervix and ovary] Muller G, et al.
Gynec Obstet (Paris) 67:521-32, Nov-Dec 68 (Fre)

METHANDROSTENOLONE

PHARMACODYNAMICS

Testicular development in rats treated with several steroids shortly after birth. Ladosky W, et al.
J Reprod Fertil 19:247-54, Jul 69
Starvation and anabolic steroids. Krizek V, et al.
Metabolism 18:585-92, Jul 69
[Preliminary observations on the metabolism of cortisol in normal subjects treated with methandrostenolone and quinbolone] Correale L, et al.
Arch Maragliano Pat Clin 25:133-8, Mar-Apr 69 (Ita)

THERAPEUTIC USE

[Pathogenesis, prevention and treatment of decubitus ulcer] Stutzer H.
Munchen Med Wschr 111:237-40, 31 Jan 69 (Ger)
[A case of dermatomyositis] Kopeć B, et al.
Wiad Lek 22:839-43, 1 May 69 (Pol)

METHENOLONE

PHARMACODYNAMICS

[Animal experimental studies on the regulation of DNA synthesis, RNA synthesis and protein synthesis during physiological growth and their modification by anabolic and antianabolic substances] Truckenbrodt H. Aerztl Forsch 23:121-38, 10 Apr 69 (Ger)
[Experimental animal tracer studies on the effect of catabolic and anabolic active steroids] Meissner J, et al. Arzneimittelforschung 19:606-13, Apr 69 (Ger)

METHYLTESTOSTERONE

CHEMICAL SYNTHESIS

Nitrate esters of steroid hormones and related compounds. Preparation and biological properties. Hodoşan F, et al.
Arzneimittelforschung 19:684-5, Apr 69

PHARMACODYNAMICS

Suppression of adrenal metabolism of 4-14C-progesterone by testosterone-oxime and 17a-methyltestosterone-oxime in vitro. Rembiesa R, et al. **Biochem Pharmacol** 18:701-6, Apr 69
Arginine-initiated release of human growth hormone. Factors modifying the response in normal man. Merimee TJ, et al. **New Eng J Med** 280:1434-8, 26 Jun 69
Note on analysis of the blocking effect of steroids on smooth muscle contraction. Háva M, et al. **Physiol Bohemoslov** 18:11-4, Jul 69

THERAPEUTIC USE

The treatment of osteoporosis. A report of a double blind clinical therapeutic trial. Miller RG. **Geront Clin (Basel)** 11:244-52, 1969
[Treatment of climacteric syndrome with estriol in practice] Heuer D. **Arzneimittelforschung** 19:121-2, Jan 69 **(Ger)**
[Anti-dysmenorrhea drugs. 17] Götz HG. **Pharm Prax** 9:271-5, 1967 (84 ref.) **(Ger)**
[Drugs for treatment of fluor albus. 18] Götz HG. **Pharm Prax** 9:275-82, 1967 **(Ger)**
[Problem of the differential diagnosis and therapy of climacteric cardiopathy] Vorob'ev AI, et al. **Kardiologiia** 7:78-87, Aug 67 **(Rus)**

NANDROLONE

Physical principles underlying the hormonal activity of long-acting preparations. Vies J van der. **J Endocr** 43:35-6, Jan 69

ADVERSE EFFECTS

Effect of nandrolone decanoate on some forms of pulmonary tuberculosis. Vadász I. **Arzneimittelforschung** 19:100-3, Jan 69

BIOSYNTHESIS

[Metabolism of 3-deoxosteroid in the rabbit liver. 2] Okada H, et al. **Folia Endocr Jap** 44:1274-6, 20 Mar 69 **(Jap)**

THERAPEUTIC USE

Effect of nandrolone decanoate on some forms of pulmonary tuberculosis. Vadász I. **Arzneimittelforschung** 19:100-3, Jan 69
Calciphylaxis in man. Rees JK, et al. **Brit Med J** 2:670-2, 14 Jun 69
[Changes in the amino acid pool in multiple myelomas] Stacher A, et al. **Blut** 19:73-8, May 69 **(Ger)**
[The treatment of multiple sclerosis with anabolic steroids] Mali G, et al. **Med Klin** 63:2075-7, 20 Dec 68 **(Ger)**

NORETHANDROLONE

PHARMACODYNAMICS

Ovulation in the guinea-pig. Reed M. **J Endocr** 43:22-3, Jan 69

NORETHINDRONE

ADMINISTRATION & DOSAGE

Relationship between the oral contraceptive and folic acid metabolism. Serum folate concentrations. McLean FW, et al. **Amer J Obstet Gynec** 104:745-7, 1 Jul 69
[Clinical use of combined tablets of norethisterone 1.0 mg and mestranol.05 mg] Domon H, et al. **Clin Endocr (Tokyo)** 17:133-6, Feb 69 **(Jap)**

ADVERSE EFFECTS

Review of arterial thrombosis in association with oral contraceptives. Keown D. **Brit J Surg** 56:486-8, Jul 69
Preliminary evaluation of four oral contraceptives containing only progestogens. Mears E, et al. **Brit Med J** 1:730-4, 21 Jun 69
Oral contraceptives and glucose tolerance. Clinch J, et al. **Lancet** 2:109-10, 12 Jul 69
Oral contraceptives. **Med Lett Drugs Ther** 10:66-8, 23 Aug 68
[Cytologic cervix uteri findings during treatment with oral ovulation inhibitors] Dacić Z. **Med Welt** 51:3110-1, 23 Dec 67 **(Ger)**
[Clinical use of combined tablets of norethisterone 1.0 mg and mestranol.05 mg] Domon H, et al. **Clin Endocr (Tokyo)** 17:133-6, Feb 69 **(Jap)**

ANALYSIS

Metabolic removal of a 17-alpha-ethynyl group from the antifertility steroid, norethindrone. Palmer KH, et al. **J Pharmacol Exp Ther** 167:217-22, Jun 69

CHEMICAL SYNTHESIS

[Contraceptive drugs] Benassi CA. **Farmaco [Prat]** 22:757-70, Dec 67 **(Ita)**

ISOLATION & PURIFICATION

Metabolic removal of a 17-alpha-ethynyl group from the antifertility steroid, norethindrone. Palmer KH, et al. **J Pharmacol Exp Ther** 167:217-22, Jun 69

METABOLISM

Metabolism of [4-14C]lynestrenol in man. Kamyab S, et al. **J Endocr** 42:337-43, Oct 68
Metabolic removal of a 17-alpha-ethynyl group from the antifertility steroid, norethindrone. Palmer KH, et al. **J Pharmacol Exp Ther** 167:217-22, Jun 69

PHARMACODYNAMICS

Effect of particle size on biological activity of norethisterone acetate. Gibian H, et al. **Acta Physiol Lat Amer** 18:323-6, 1968
Effect of norethisterone acetate, dimethylstilboestrol, genistein and coumestrol on uptake of [3H]oestradiol by uterus, vagina and skeletal muscle of immature mice. Folman Y, et al. **J Endocr** 44:213-8, Jun 69
The induction of prolonged vaginal di-oestrus in the rat by a low level of oestradiol benzoate. Gilmore DP, et al. **J Reprod Fertil** 18:549-50, Apr 69
Amelioration of hypertriglyceridaemia by progestational drugs in familial type-V hyperlipoproteinaemia. Glueck CJ, et al. **Lancet** 1:1290-1, 28 Jun 69
Biological profile of quingestanol acetate. Giannina T, et al. **Proc Soc Exp Biol Med** 131:781-9, Jul 69
Effect of norethindrone on submandibular glands and dental caries in female rats. Liu FT, et al. **Proc Soc Exp Biol Med** 131:331-5, Jun 69
[Indications, methodology and results of hormonal inhibition and suppression of lactation] Scholz H. **Med Welt** 27:1617-9, 8 Jul 67 **(Ger)**

THERAPEUTIC USE

Preliminary evaluation of four oral contraceptives containing only progestogens. Mears E, et al. **Brit Med J** 1:730-4, 21 Jun 69
Amelioration of hypertriglyceridaemia by progestational drugs in familial type-V hyperlipoproteinaemia. Glueck CJ, et al. **Lancet** 1:1290-1, 28 Jun 69

NORETHYNODREL

ADMINISTRATION & DOSAGE

Effects of a cyclic steroid contraceptive regimen on mammary gland tumor induction in rats. Stern E, et al. **Brit J Cancer** 23:391-400, Jun 69

ADVERSE EFFECTS

Review of arterial thrombosis in association with oral contraceptives. Keown D. **Brit J Surg** 56:486-8, Jul 69

ANALYSIS

Metabolism of antifertility steroids. I. Norethynodrel. Palmer KH, et al. **J Pharmacol Exp Ther** 167:207-16, Jun 69

ISOLATION & PURIFICATION

Metabolism of antifertility steroids. I. Norethynodrel.

Palmer KH, et al.
J Pharmacol Exp Ther 167:207-16, Jun 69

METABOLISM

Metabolism of antifertility steroids. I. Norethynodrel. Palmer KH, et al.
J Pharmacol Exp Ther 167:207-16, Jun 69

PHARMACODYNAMICS

Effect of a combination of norethynodrel and mestranol on plasma luteinizing hormone in normal women. Abraham GE, et al.
Amer J Obstet Gynec 104:1038-42, 1 Aug 69

Inhibition of growth and width of tibial cartilage in rats by a contraceptive agent. Husain SM, et al.
Growth 33:17-24, Mar 69

Experimental production of hyperostosis frontalis interna in mice. Rudali G.
Israel J Med Sci 4:1230-5, Nov-Dec 68

URINE

Metabolism of antifertility steroids. I. Norethynodrel. Palmer KH, et al.
J Pharmacol Exp Ther 167:207-16, Jun 69

OXANDROLONE

ADVERSE EFFECTS

[Clinical experience with 17-beta-hydroxy-17-alpha-methyl-2-oxa-5-alpha-androstan-3-one (oxandrolone)] Harada H, et al.
Clin Endocr (Tokyo) 17:207-12, Mar 69 **(Jap)**

THERAPEUTIC USE

[Clinical experience with 17-beta-hydroxy-17-alpha-methyl-2-oxa-5-alpha-androstan-3-one (oxandrolone)] Harada H, et al.
Clin Endocr (Tokyo) 17:207-12, Mar 69 **(Jap)**

PREGNANEDIOL

Alteration by oral contraceptives of normal menstrual changes in plasma renin activity, concentration and substrate. Skinner SL, et al. **Clin Sci** 36:67-76, Feb 69

Preparation and physico-chemical properties of some steroid heptafluorobutyrates and 3-enol heptafluorobutyrates. Dehennin LA, et al.
Steroids 13:739-61, Jun 69

BIOSYNTHESIS

Steroidogenesis in a case of hydatidiform mole. Coutts JR, et al. **J Endocr** 43:27-8, Jan 69

[Comparative data on the study of pregnanediol by the weight and photometric method in furniture polishers and upholsterers] Panova Z.
Akush Ginek (Sofiia) 7:329-32, 1968 **(Bul)**

BLOOD

[Comparison of the reliability of some indices of prognosis in threatened abortion] Zenísek L, et al.
Cesk Gynek 34:234-7, Apr 69 **(Cze)**

ISOLATION & PURIFICATION

Metabolism of progesterone by the rabbit mammary gland. Chatterton RT Jr, et al.
Endocrinology 85:16-24, Jul 69

SECRETION

Variations in steroid responses following ovarian stimulation in women with amenorrhoea. Cox RK.
J Reprod Fertil 19:386, Jul 69

URINE

A method for the estimation of individual urinary corticosteroids, pregnanediol, pregnanetriol and pregnanetriolone following their separation by thin-layer chromatography. Kraiem Z, et al.
Acta Endocr (Kobenhavn) 61:1-16, May 69

Formation of 17alpha-hydroxy-pregnenolone, 17alpha-hydroxy-progesterone and progesterone by hydatidiform moles in vitro. Leusden HA van, et al.
Acta Endocr (Kobenhavn) 61:68-75, May 69

Urinary steroid profile in threatened abortion. Acevedo HF, et al.
Amer J Obstet Gynec 104:964-72, 1 Aug 69

Urinary estrogens and pregnanediol before and after insertion of an intrauterine contraceptive device. Faucher GL, et al.
Amer J Obstet Gynec 104:502-7, 15 Jun 69

Regulation of human gonadotropins. V. Effect of dydrogesterone on serum levels of follicle-stimulating and luteinizing hormones in women. Jafee RB, et al.
Amer J Obstet Gynec 104:1031-7, 1 Aug 69

Serial hormonal studies in normal and abnormal pregnancy. Samaan NA, et al.
Amer J Obstet Gynec 104:781-94, 15 Jul 69

Urinary excretion of 16-alpha-hydroxyprogesterone during pregnancy and the menstrual cycle. Stiefel M, et al. **J Clin Endocr** 29:919-25, Jul 69

Steroidogenesis in a case of hydatidiform mole. Coutts JR, et al. **J Endocr** 43:27-8, Jan 69

Studies on the endocrinology of hirsutism in women. Ismail AA, et al. **J Endocr** 43:28, Jan 69

Urinary excretion of oestriol and pregnanediol during bougie-induced abortion in mid-pregnancy. Manabe Y.
J Endocr 42:331-5, Oct 68

Hormone excretion patterns in perimenopausal women. Papanicolaou AD, et al.
J Endocr 43:xxvi, Jan 69

Placental hormone activity after removal of the fetus in a case of advanced abdominal pregnancy. Friedman S, et al. **J Obstet Gynaec Brit Comm** 76:554-8, Jun 69

[Comparative data on the study of pregnanediol by the weight and photometric method in furniture polishers and upholsterers] Panova Z.
Akush Ginek (Sofiia) 7:329-32, 1968 **(Bul)**

[Reliability of cytological criteria in endangered pregnancy in comparison with the pregnanediol level] Uhmannová V, et al. **Cesk Gynek** 34:283-4, May 69 **(Cze)**

[Radio-immunologic determination of gonadotropins] Franchimont P.
Ann Endocr (Paris) 29:403-31, Jul-Aug 68 **(Fre)**

[Meaning of the foeto-placental unit in the steroid metabolism] Rappaport R.
Ann Pediat (Paris) 16:62-4, 2 Jan 69 **(Fre)**

[Study of 13 cases of urinary elimination of testicular steroids after administration of H.M.G. (human menopausal gonadotropins) and H.C.G. (human chorionic gonadotropins)] Jayle MF, et al.
Gynec Obstet (Paris) 67:503-8, Nov-Dec 68 **(Fre)**

[Lutein cyst formation of the ovaries with perforation and acute abdomen following HMG-HCG treatment] Friedrich F, et al.
Wien Klin Wschr 81:318-20, 2 May 69 **(Ger)**

[Hormonal and histologic studies in uterine myomas] Tóth F, et al.
Z Geburtsh Gynaek 170:163-71, Apr 69 **(Ger)**

[Progress in the diagnosis and therapy of trophoblastic tumors] Onnis A.
Minerva Ginec 19:928-33, 30 Sep 67 **(Ita)**

[Urinary excretion of pregnanediol in pubescent girls aged 9-12] Sikorski T, et al.
Ginek Pol 40:249-53, Mar 69 **(Pol)**

[Current concepts in the management of abortion. 3. Hormone studies as an aid in the management of abortion] Vázquez E, et al.
Gac Med Mex 98:1269-75, Oct 68 **(Spa)**

PREGNANES

In vitro uptake of tritiated testosterone and oestradiol by the lateral lobe of the hypertrophied human prostate and the accessory sex glands of the rat--a pilot study. Jonsson CE.
Acta Endocr (Kobenhavn) 61:25-32, May 69

Conversion of steroids to trimethylsilyl derivatives for gas phase analytical studies: reactions of silylating reagents. Chambaz EM, et al.
Anal Biochem 30:7-24, Jul 69

Synthesis of 14 alpha-hydroxyprogesterone and its isolation from human late-pregnancy urine. Bhavnani BR, et al. **Biochemistry (Wash)** 8:2105-11, May 69

Delta-5-3-ketosteroid isomerase activities in guinea-pig adrenal glands: the role of copper ions. Ewald W, et al.
Biochim Biophys Acta 167:444-55, 8 Oct 68

20 Beta-hydroxysteroid:NAD oxidoreductase activity towards 3 beta-hydroxypregn-5-en-20-one sulphate and related free steroids. Pocklington T, et al.
Europ J Biochem 9:142-8, 1 May 69

ADMINISTRATION & DOSAGE

Oral contraception using a sequential method. A clinical investigation. Stenström B.
Acta Obstet Gynec Scand 47:443-50, 1968

ANALYSIS

Ovarian function and progestin content in response to gonadotrophins. Macdonald GJ.
J Reprod Fertil 19:299-308, Jul 69

BIOSYNTHESIS

Formation of 17alpha-hydroxy-pregnenolone, 17alpha-hydroxy-progesterone and progesterone by hydatidiform moles in vitro. Leusden HA van, et al.
Acta Endocr (Kobenhavn) 61:68-75, May 69

Corticosteroidogenesis and cytochrome levels in the regenerating rat adrenal. Gallant S, et al.
Arch Biochem 131:441-8, May 69

Metabolism of progesterone-4-14C in vitro in human skin and vaginal mucosa. Frost P, et al.
Biochemistry (Wash) 8:948-52, Mar 69

Adrenal cells in tissue culture. 3. Effect of adrenocorticotropin and 3',5'-cyclic adenosine monophosphate on 11 beta-hydroxylase and other steroidogenic enzymes. Kowal J.
Biochemistry (Wash) 8:1821-31, May 69

Formation of 16-dehydroprogesterone by the midgestation human placenta in vivo. Reynolds JW, et al. **Biochim Biophys Acta** 176:886-8, 10 Jun 69

Regulation of lipid metabolism and progesterone production in rat corpora lutea and ovarian interstitial elements by prolactin and luteinizing hormone. Armstrong DT, et al. **Endocrinology** 85:393-401, Sep 69

Effect of ACTH on the metabolism of pregnenolone-7 alpha-3H and cortisol-4-14C in young and elderly men. Romanoff LP, et al. **J Clin Endocr** 29:819-30, Jun 69

BLOOD

Determination of steroid mono- and disulfates in human plasma. Jänne O, et al.
Clin Chim Acta 23:405-12, Mar 69

Progesterone, 20 alpha-hydroxy-delta 4-pregnen-3-one, androstenedione and corticosterone content of portal vein and vena caval blood in rats bearing ovarian grafts to the spleen. Leavitt WW, et al.
J Reprod Fertil 18:172, Feb 69

[On the determination of plasma 11-hydroxycorticosteroids by the rapid fluorometric method of Mattingly] Pichler E.
Clin Chim Acta 24:283-92, May 69 **(Ger)**

[Metabolism of 17-alpha-ethynyl-estrenol] Yamamoto H. **Folia Endocr Jap** 44:1309-19, 20 Mar 69 **(Jap)**

CHEMICAL SYNTHESIS

Nitrate esters of steroid hormones and related compounds. Preparation and biological properties. Hodoşan F, et al.
Arzneimittelforschung 19:684-5, Apr 69

The synthesis of 3,11-beta,17-alpha-trihydroxy-19-norpregna-1,3,5(10)-trien-20-one. Baran JS, et al.
J Med Chem 12:329-30, Mar 69

The synthesis and progestational activity of some 1,2-alpha-cyclomethylene-16-methylene progesterone derivatives. Shapiro EL, et al.
J Med Chem 12:631-6, Jul 69

Syntheses of pachysandrines and epipachysandrine-A from ergosterol. Kikuchi T, et al.
Tetrahedron Lett 21:1679-82, May 69

[Steroidal alkaloids--LXXVII. Synthesis of steroidal mono and di-amines. A(saracodine) and B(saracocine) alkoloids from Sarcoccocca pruniformis Lindl] Goutarel R, et al. **Tetrahedron** 24:7013-26, Dec 68 **(Fre)**

ISOLATION & PURIFICATION

Regulation of lipid metabolism and progesterone production in rat corpora lutea and ovarian interstitial elements by prolactin and luteinizing hormone. Armstrong DT, et al. **Endocrinology** 85:393-401, Sep 69

Metabolism of progesterone by the rabbit mammary gland. Chatterton RT Jr, et al.
Endocrinology 85:16-24, Jul 69

METABOLISM

Formation of 16-dehydroprogesterone by the midgestation human placenta in vivo. Reynolds JW, et al. **Biochim Biophys Acta** 176:886-8, 10 Jun 69

Reactions of 20-hydroxylated steroids with bovine adrenal tissue preparations. Burstein SH, et al.
Steroids 13:399-412, Mar 69

[Metabolism of 17-alpha-ethynyl-estrenol] Yamamoto H. **Folia Endocr Jap** 44:1309-19, 20 Mar 69 **(Jap)**

PHARMACODYNAMICS

The response of the rat testis to prolonged administration of an androgen antagonist (cyproterone). Mietkiewski K, et al.
Acta Endocr (Kobenhavn) 60:561-70, Apr 69

In vitro stimulation of RNA synthesis in isolated rat liver nuclei by glucocorticoids. Ohtsuka E, et al.
Biochem Biophys Res Commun 34:648-52, 6 Jun 69

Relationships between steroid binding and elevation of alkaline phosphatase in HeLa cells. Melnykovych G, et al. **Biochim Biophys Acta** 177:579-85, 6 May 69

The synthesis of 3,11-beta,17-alpha-trihydroxy-19-norpregna-1,3,5(10)-trien-20-one. Baran JS, et al.
J Med Chem 12:329-30, Mar 69

The synthesis and progestational activity of some 1,2-alpha-cyclomethylene-16-methylene progesterone derivatives. Shapiro EL, et al.
J Med Chem 12:631-6, Jul 69

Effect of oral contraceptives on the cardiovascular system of normal females. el-Sherif A, et al.
J Obstet Gynaec Brit Comm 76:542-4, Jun 69

Orally active oestrogens and progestins in prevention of pregnancy in rats. Banik UK, et al.
J Reprod Fertil 18:509-15, Apr 69

Numbers of spermatozoa in the genital tract after artificial insemination of progestagen-treated ewes. Quinlivan TD, et al. **J Reprod Fertil** 19:73-86, Jun 69

[Influence of some C21-steroids on the uptake of water by developing embryonic cartilage in vitro] Schär B.
Experientia 25:322-3, 15 Mar 69 **(Ger)**

[Effect of testosterone and an anti-androgen (cyproterone) on glucuronide formation in the liver] Müller-Oerlinghausen B, et al.
Naunyn Schmiedeberg Arch Pharm Exp Path 260:179-80, 1968 **(Ger)**

SECRETION

Variations in steroid responses following ovarian stimulation in women with amenorrhoea. Cox RK.
J Reprod Fertil 19:386, Jul 69

THERAPEUTIC USE

Pubertal hemorrhages in girls with a hemorrhagic disorder. Comments on management. Van Creveld S, et al. **Clin Pediat (Phila)** 8:398-9, Jul 69

Therapeutic effects of flumethasone in swine. Ballarini G. **Vet Med** 64:704-7, Aug 69

[Therapeutic activity of a new combined topical drug (flumethasone pivalate, mineral tar, salicylic acid)] Buzzoni A. **Minerva Derm** 42:555-7, Nov 67 **(Ita)**

[A new association of megestrol acetate and ethinyl estradiol in gynecologic therapy. Preliminary results] Signorelli I, et al.
Minerva Ginec 21:512-22, 30 Apr 69 **(Ita)**

URINE

The effect of exogenous human chorionic gonadotrophin on steroid excretion in the newborn. Lauritzen C, et al.
Acta Endocr (Kobenhavn) 61:83-8, May 69

Urinary steroid profile in threatened abortion. Acevedo HF, et al.
Amer J Obstet Gynec 104:964-72, 1 Aug 69

Studies on the efficiency of adrenocortical 11 beta-hydroxylation in the human subject. Nicolis GL, et al. **J Clin Endocr** 29:831-6, Jun 69

Effect of ACTH on the metabolism of pregnenolone-7 alpha-3H and cortisol-4-14C in young and elderly men. Romanoff LP, et al. **J Clin Endocr** 29:819-30, Jun 69

Urinary excretion of 16-alpha-hydroxyprogesterone during pregnancy and the menstrual cycle. Stiefel M, et al. **J Clin Endocr** 29:919-25, Jul 69

Urinary excretion of 6 beta-hydroxycortisol in states of

altered thyroid function. Yamaji T, et al. **J Clin Endocr** 29:801-6, Jun 69

Variations in steroid responses following ovarian stimulation in women with amenorrhoea. Cox RK. **J Reprod Fertil** 19:386, Jul 69

Effect of physical exercise on adrenocortical excretion. Bellet S, et al. **Metabolism** 18:484-7, Jun 69

[Metabolism of 17-alpha-ethynyl-estrenol] Yamamoto H. **Folia Endocr Jap** 44:1309-19, 20 Mar 69 **(Jap)**

PREGNENOLONE

BIOSYNTHESIS

[Meaning of the foeto-placental unit in the steroid metabolism] Rappaport R. **Ann Pediat (Paris)** 16:62-4, 2 Jan 69 **(Fre)**

BLOOD

Determination of steroid mono- and disulfates in human plasma. Jänne O, et al. **Clin Chim Acta** 23:405-12, Mar 69

ISOLATION & PURIFICATION

Steroid formation in porcine ovarian tissue in vitro. Mode of biosynthesis of androstenedione. Aakvaag A. **Acta Endocr (Kobenhavn)** 60:621-34, Apr 69

Biosynthesis of allo-3-beta-tetrahydrocortisol (Reichstein's substance V) by an adrenal adenoma. Axelrod LR, et al. **J Clin Endocr** 29:936-41, Jul 69

METABOLISM

Steroid formation in porcine ovarian tissue in vitro. Mode of biosynthesis of androstenedione. Aakvaag A. **Acta Endocr (Kobenhavn)** 60:621-34, Apr 69

Formation of 17alpha-hydroxy-pregnenolone, 17alpha-hydroxy-progesterone and progesterone by hydatidiform moles in vitro. Leusden HA van, et al. **Acta Endocr (Kobenhavn)** 61:68-75, May 69

Metabolism of pregnenolone by the human placenta. Singh KB. **Amer J Obstet Gynec** 104:605-6, 15 Jun 69

Adrenal cells in tissue culture. 3. Effect of adrenocorticotropin and 3',5'-cyclic adenosine monophosphate on 11 beta-hydroxylase and other steroidogenic enzymes. Kowal J. **Biochemistry (Wash)** 8:1821-31, May 69

Regulation of rat testis steroid sulfatase. A kinetic study. Notation AD, et al. **Biochemistry (Wash)** 8:501-6, Feb 69

Metabolism of progesterone by the rabbit mammary gland. Chatterton RT Jr, et al. **Endocrinology** 85:16-24, Jul 69

Adrenal cells in tissue culture. IV. Use of an inhibitor of steroid synthesis for the study of ACTH action. Kowal J. **Endocrinology** 85:270-9, Aug 69

Effect of diethylstilbestrol on enzymes of cryptochid mouse testes of Balb-c mice. Samuels LT, et al. **Endocrinology** 85:96-102, Jul 69

De novo formation and metabolism of steroid hormones in feminizing testes: biochemical and ultrastructural studies. Pérez-Palacios G, et al. **J Clin Endocr** 29:786-800, Jun 69

Effect of ACTH on the metabolism of pregnenolone-7 alpha-3H and cortisol-4-14C in young and elderly men. Romanoff LP, et al. **J Clin Endocr** 29:819-30, Jun 69

Formation of steroid hormones in the porcine ovary in vitro. Aakvaag A. **J Endocr** 43:xxv-xxvi, Jan 69

Steroidogenesis in a case of hydatidiform mole. Coutts JR, et al. **J Endocr** 43:27-8, Jan 69

Histochemical demonstration of drug interference with progesterone synthesis. Appelgren LE. **J Reprod Fertil** 19:185-6, Jun 69

The direct action of melatonin and serotonin on testicular androgen production in vitro. Ellis LC. **J Reprod Fertil** 18:159, Feb 69

Steroid inhibition of cholesteryl sulphate cleavage in vitro by rat testis tissue. Notation AD, et al. **J Reprod Fertil** 18:154-5, Feb 69

Reactions of 20-hydroxylated steroids with bovine adrenal tissue preparations. Burstein SH, et al. **Steroids** 13:399-412, Mar 69

Conjugation of steroid hormones by breast cancer tissue and selection of patients for adrenalectomy. Dao TL, et al. **Surgery** 66:162-6, Jul 69

[Alkaloids in the metabolism of plants] Mothes K. **Experientia** 25:225-40, 15 Mar 69 **(Ger)**

PHARMACODYNAMICS

Relationships between steroid binding and elevation of alkaline phosphatase in HeLa cells. Melnykovych G, et al. **Biochim Biophys Acta** 177:579-85, 6 May 69

Occurrence of hypotaurine and inositol in the reproductive tract of the ewe and its regulation by pregnenolone and progesterone. Horst CJ van der, et al. **Nature (London)** 223:67-8, 5 Jul 69

The assay of ACTH and the action of ACTH and steroids on corticosteroidogenesis in the mouse. Purrott RJ, et al. **Pflueger Arch** 309:107-14, 1969

URINE

The effect of exogenous human chorionic gonadotrophin on steroid excretion in the newborn. Lauritzen C, et al. **Acta Endocr (Kobenhavn)** 61:83-8, May 69

PROGESTATIONAL HORMONES

Physical principles underlying the hormonal activity of long-acting preparations. Vies J van der. **J Endocr** 43:35-6, Jan 69

[Study of the ovulatory discharge by radio-immunologic analysis of the plasma LH in the normal ewe or one treated by a progestogen] Pelletier J, et al. **C R Acad Sci [D] (Paris)** 268:573-6, 20 Jan 69 **(Fre)**

[Guanylhydrazones with a postive inotropic cardiac effect] Schütz S, et al. **Arzneimittelforschung** 19:69-75, Jan 69 **(Ger)**

[Problems of oral contraception with special reference to the development, pharmacodynamics and effectiveness of currently used preparations] Richter RH. **Ther Umsch** 24:218-25, Jun 67 **(Ger)**

ADMINISTRATION & DOSAGE

Oral contraception using a sequential method. A clinical investigation. Stenström B. **Acta Obstet Gynec Scand** 47:443-50, 1968

Review of arterial thrombosis in association with oral contraceptives. Keown D. **Brit J Surg** 56:486-8, Jul 69

A clinical trial of a new totally synthetic low dose progestagen. Foss GL. **J Reprod Fertil** 18:59-66, Feb 69

Control of sexual activity in ranch cows by intramuscular and intravaginal administration of progestagens. Hale DH, et al. **J Reprod Fertil** 18:193-6, Mar 69

[10 years of research using steroids as controllers of ovulation] Martínez-Manautou J. **Gac Med Mex** 98:1560-75, Dec 68 **(Spa)**

ADVERSE EFFECTS

Review of arterial thrombosis in association with oral contraceptives. Keown D. **Brit J Surg** 56:486-8, Jul 69

Preliminary evaluation of four oral contraceptives containing only progestogens. Mears E, et al. **Brit Med J** 1:730-4, 21 Jun 69

Prevalence rates of uterine cervical carcinoma in situ for women using the diaphragm or contraceptive oral steroids. Melamed MR, et al. **Brit Med J** 3:195-200, 26 Jul 69

Aberrant glandular polypi of the uterine cervix associated with contraceptive pills: pathology and pathogenesis. Govan AD, et al. **J Clin Path** 22:84-9, Jan 69

A clinical trial of a new totally synthetic low dose progestagen. Foss GL. **J Reprod Fertil** 18:59-66, Feb 69

Oral contraceptives. **Med Lett Drugs Ther** 10:66-8, 23 Aug 68

[Oral progestogens and increase of arterial pressure] Bret AJ, et al. **Rev Franc Gynec Obstet** 63:703-12, Dec 68 **(Fre)**

ANALYSIS

Production of the parent hydrocarbons from steroid drugs and their separation by gas chromatography. Adhikary PM, et al. **J Chromatogr** 42:29-38, 3 Jun 69

An improved solvent system for thin-layer chromatography of adrenal steroids. Levin SS, et al. **J Chromatogr** 42:129-30, 3 Jun 69

Assessment of biological potency of progestins using the response of the mouse uterus. Stokes J, et al. **J Endocr** 43:xl, Jan 69

[The painful syndromes of the cycle] Baudet JH. **Presse Med 77:953-6, 28 May 69 (Fre)**

BIOSYNTHESIS

Luteoma of pregnancy: steroidogenic and morphologic considerations. Rice BF, et al. **Amer J Obstet Gynec 104:871-8, 15 Jul 69**

METABOLISM

Development of endocrine function in the human placenta and fetus (first of two parts). Villee DB. **New Eng J Med 281:473-84, 28 Aug 69 (88 ref.)**

[Metabolism of 3-deoxosteroid in the rabbit liver. 2] Okada H, et al. **Folia Endocr Jap 44:1274-6, 20 Mar 69 (Jap)**

[Metabolism of 17-alpha-ethynyl-estrenol] Yamamoto H. **Folia Endocr Jap 44:1309-19, 20 Mar 69 (Jap)**

PHARMACODYNAMICS

Regulation of human gonadotropins. V. Effect of dydrogesterone on serum levels of follicle-stimulating and luteinizing hormones in women. Jafee RB, et al. **Amer J Obstet Gynec 104:1031-7, 1 Aug 69**

Pharmacological control of reproduction in women. Harper MJ. **Fortschr Arzneimittelforsch 12:47-136, 1968 (748 ref.)**

Effect of some synthetic progestational steroids on uterine contractions. Dutta SN, et al. **Indian J Med Sci 23:11-3, Jan 69**

Effect of oral contraceptives on the cardiovascular system of normal females. el-Sherif A, et al. **J Obstet Gynaec Brit Comm 76:542-4, Jun 69**

Orally active oestrogens and progestins in prevention of pregnancy in rats. Banik UK, et al. **J Reprod Fertil 18:509-15, Apr 69**

Control of sexual activity in ranch cows by intramuscular and intravaginal administration of progestagens. Hale DH, et al. **J Reprod Fertil 18:193-6, Mar 69**

Biological profile of quingestanol acetate. Giannina T, et al. **Proc Soc Exp Biol Med 131:781-9, Jul 69**

Effect of melengestrol acetate on ovarian follicles, interstitial gland and corpora lutea in the rat: a quantitative morphological study. Priedkalns J. **Z Zellforsch 93:56-73, 1969**

[Influence of some C21-steroids on the uptake of water by developing embryonic cartilage in vitro] Schär B. **Experientia 25:322-3, 15 Mar 69 (Ger)**

[Androgen treatment and anti-androgens] König MP. **Schweiz Med Wschr 99:744-7, 17 May 69 (Ger)**

[Problems of oral contraception with special reference to the development, pharmacodynamics and effectiveness of currently used preparations] Richter RH. **Ther Umsch 24:218-25, Jun 67 (Ger)**

PHYSIOLOGY

Experiments on the control of myometrial activity in the non-pregnant woman. Bengtsson LP. **Postgrad Med J 45:73-4, Jan 69**

THERAPEUTIC USE

Preliminary evaluation of four oral contraceptives containing only progestogens. Mears E, et al. **Brit Med J 1:730-4, 21 Jun 69**

Hormonal management of breast cancer. Muggia FM. **Brit Med J 3:179, 19 Jul 69**

Current status of the management of patients with endocrine-sensitive tumors. II. Carcinoma of the prostate, endometrium, thyroid, kidney and miscellaneous tumors. Crowley LG, et al. **Calif Med 110:139-50, Feb 69 (158 ref.)**

Pubertal hemorrhages in girls with a hemorrhagic disorder. Comments on management. Van Creveld S, et al. **Clin Pediat (Phila) 8:398-9, Jul 69**

A manual of clinical contraception. Bill HE. **N Carolina Med J 30:169-82, May 69**

[Treatment of threatened abortion with Allyloestrenol] Budínská B, et al. **Cesk Gynek 34:242-4, Apr 69 (Cze)**

[Atypical hyperplasia of the endometrium from the clinical viewpoint] Trnka V. **Cesk Gynek 34:270-3, May 69 (Cze)**

[The painful syndromes of the cycle] Baudet JH. **Presse Med 77:953-6, 28 May 69 (Fre)**

[Progestational hormones in the treatment of gynecologic cancers] Soutoul JH, et al. **Presse Med 77:247-9, 8 Feb 69 (Fre)**

[Antiandrogens in dermatology. (Gravimetric fatdeterminations during the application of cyproterone)] Winkler K. **Arch Klin Exp Derm 233:296-308, 1968 (Ger)**

[Treatment of climacteric syndrome with estriol in practice] Heuer D. **Arzneimittelforschung 19:121-2, Jan 69 (Ger)**

[Treatment of hypertrophy of the prostate with gestagens] Vahlensieck W, et al. **Munchen Med Wschr 110:1573-7, 28 Jun 68 (Ger)**

[Androgen treatment and anti-androgens] König MP. **Schweiz Med Wschr 99:744-7, 17 May 69 (Ger)**

[A new association of megestrol acetate and ethinyl estradiol in gynecologic therapy. Preliminary results] Signorelli I, et al. **Minerva Ginec 21:512-22, 30 Apr 69 (Ita)**

[The ovulation inhibitors in clinical practice] Vaglio N. **Minerva Med 60:1522-3, 18 Apr 69 (Ita)**

URINE

Identification of steroid disulphates in male urine. Jänne O. **Ann Med Exp Biol Fenn 46:301-5, 1968**

PROGESTERONE

Influence of age and ovarian stimulation upon carcinoma in situ. A histologic study. Levine AJ. **Amer J Obstet Gynec 104:1023-6, 1 Aug 69**

A souble 17 beta-hydroxysteroid dehydrogenase from human placenta. The binding of pyridine nucleotides and steroids. Jarabak J, et al. **Biochemistry (Wash) 8:2203-12, May 69**

Elevated nonprotein-bound cortisol (NPC) in pregnancy, during estrogen administration and in carcinoma of the prostate. Doe RP, et al. **J Clin Endocr 29:757-66, Jun 69**

Refractory period following oestrogenic stimulation of cell division in the mouse uterus. Martin L, et al. **J Endocr 43:xi, Jan 69**

Preparation and physico-chemical properties of some steroid heptafluorobutyrates and 3-enol heptafluorobutyrates. Dehennin LA, et al. **Steroids 13:739-61, Jun 69**

Prolonged gestation in the rat and its usefulness in experimental teratology. Barrow MV, et al. **Teratology 2:125-35, May 69**

[Studies on the ovarian functions in cattle before and after delivery] Baier W, et al. **Arch Exp Veterinaermed 21:149-54, 1967 (Ger)**

[Attempts of use of 1,3-dichloro-5,5-dimethylhydantoin (dichlorantin) in reactions of chlorination of 4-3-ketosteroids] Skibińska M, et al. **Acta Pol Pharm 6:25-8, 1969 (Pol)**

ADMINISTRATION & DOSAGE

Hormones and pulmonary effects of tobacco. II. Progesterone. Shore SR, et al. **Arch Environ Health (Chicago) 19:59-69, Jul 69**

Antiandrogenic and progestational activity of some 17-oxygenated 15-dehydro steroids. Popper TL, et al. **J Med Chem 12:393-6, May 69**

Psychiatric aspects of oral contraceptives. Edwards IS. **Med J Aust 1:1054-5, 17 May 69**

Persistent estrus: an experimental model of the polycystic ovary syndrome. Singh KB. **Obstet Gynec Survey 24:2-17, Jan 69 (111 ref.)**

ADVERSE EFFECTS

Psychiatric aspects of oral contraceptives. Edwards IS. **Med J Aust 1:1054-5, 17 May 69**

Psychiatric aspects of oral contraceptives. Grant EC. **Med J Aust 1:1106-7, 24 May 69**

ANALYSIS

Luteoma of pregnancy: steroidogenic and morphologic considerations. Rice BF, et al. **Amer J Obstet Gynec 104:871-8, 15 Jul 69**

Ovarian function after hypophysial stalk transection in the cow. Henricks DM, et al. **Amer J Physiol 216:1213-8, May 69**

Antiandrogenic and progestational activity of some 17-oxygenated 15-dehydro steroids. Popper TL, et al. **J Med Chem 12:393-6, May 69**

3-Deoxy progestins. Shroff A.
J Med Chem 12:548-9, May 69
The relationship between day of formation and functional life span of induced corpora lutea in the pig. Caldwell BV, et al.
J Reprod Fertil 18:107-13, Feb 69
Testosterone as a mediator of testis development in the foetal hamster. Kent HA, et al.
J Reprod Fertil 18:171, Feb 69
Ovarian function and progestin content in response to gonadotrophins. Macdonald GJ.
J Reprod Fertil 19:299-308, Jul 69
Reproductive physiology of the post partum cow. II. Pituitary, adrenal and thyroid function. Wagner WC, et al. J Reprod Fertil 18:501-8, Apr 69
Radioimmunoassay for estrogens: a preliminary communication. Jiang NS, et al.
Mayo Clin Proc 44:461-5, Jul 69
Hapten-radioimmunoassay: a general procdure for the estimation of steroidal and other haptenic substances. Midgley AR Jr, et al. Steroids 13:731-7, Jun 69
[Determination of progesterone in tissue of bovine luteal cysts using gas chromatography] Hoffmann B.
Deutsch Tieraerztl Wschr 76:287-9, 1 Jun 69 (Ger)

ANTAGONISTS & INHIBITORS

Effect of an IUCD on an endometrial response to steroid hormones in the rat. Brown-Grant K.
J Reprod Fertil 18:475-80, Apr 69
Spironolactone actions, independent of mineralocorticoid blockade. Selye H.
Steroids 13:803-8, Jun 69
[Interaction between estrogen and progestogen in a vaginal smear of ovariectomized and partially hepatectomized rats] Maekawa K, et al.
J Tokyo Med Coll 27:69-75, Jan 69 (Jap)

BIOSYNTHESIS

Mode of action of clomiphene. I. Inhibitory effect of clomiphene citrate on the formation of progesterone from acetate-1-14C by human corpus luteum slices in vitro. Hammerstein J.
Acta Endocr (Kobenhavn) 60:635-44, Apr 69
Formation of 17alpha-hydroxy-pregnenolone, 17alpha-hydroxy-progesterone and progesterone by hydatidiform moles in vitro. Leusden HA van, et al.
Acta Endocr (Kobenhavn) 61:68-75, May 69
Metabolic disorders of the ovary. Lunenfeld B, et al.
Advances Metab Dis 3:153-207, 1968 (153 ref.)
Metabolism of pregnenolone by the human placenta. Singh KB. Amer J Obstet Gynec 104:605-6, 15 Jun 69
The metabolism of steroids by skin in man. Grant JK.
Brit J Derm 81:Suppl 2:18-22, 1969 (9 ref.)
Regulation of lipid metabolism and progesterone production in rat corpora lutea and ovarian interstitial elements by prolactin and luteinizing hormone. Armstrong DT, et al. Endocrinology 85:393-401, Sep 69
Effect of diethylstilbestrol on enzymes of cryptochid mouse testes of Balb-c mice. Samuels LT, et al.
Endocrinology 85:96-102, Jul 69
Formation of steroid hormones in the porcine ovary in vitro. Aakvaag A. J Endocr 43:xxv-xxvi, Jan 69
Histochemical demonstration of drug interference with progesterone synthesis. Appelgren LE.
J Reprod Fertil 19:185-6, Jun 69
The luteo-placental shift, the guardian of pre-natal life. Csapo A. Postgrad Med J 45:57-64, Jan 69

BLOOD

Interrelation between adrenal function and formation of testosterone in vivo in the testis of the dog. Wassermann GF, et al.
Acta Endocr (Kobenhavn) 61:33-47, May 69
Ovarian function after hypophysial stalk transection in the cow. Henricks DM, et al.
Amer J Physiol 216:1213-8, May 69
Plasma progesterone levels in pregnant, pseudopregnant and anestrous ferrets. Carlson IH, et al. Endocrinology 85:623-4, Sep 69
Metabolism of progesterone by the rabbit mammary gland. Chatterton RT Jr, et al.
Endocrinology 85:16-24, Jul 69
Ovarian secretion of progesterone in relation to the Golgi apparatus in lutein cells during the estrous cycle of the rat. McDonald DM, et al.
Endocrinology 85:236-43, Aug 69
Peripheral plasma progesterone levels during the ovine estrous cycle. Stabenfeldt GH, et al.
Endocrinology 85:11-5, Jul 69
A simplified metyrapone test with determination of plasma 11-deoxycortisol (Metyrapone test with plasma S). Meikle AW, et al. J Clin Endocr 29:985-7, Jul 69
The secretion of steroids from the autotransplanted ovary in the ewe spontaneously and in response to systemic gonadotropin. Baird DT, et al.
J Endocr 42:283-99, Oct 68
Effect of luteinizing hormone, follicle-stimulating hormone and prolactin on steroid secretion by the autotransplanted ovary of the ewe. Baird DT, et al.
J Endocr 43:18-9, Jan 69
Systematic plasma progesterone levels during the pro-oestrous critical period in rats. Feder HH, et al.
J Endocr 43:xxix, Jan 69
Oestrogen and progesterone content of ovarian vein blood of the ewe during the oestrous cycle. Moore NW, et al. J Endocr 44:55-62, May 69
The binding of plasma progesterone in pregnancy. Heap RB. J Reprod Fertil 18:546-8, Apr 69
Testosterone as a mediator of testis development in the foetal hamster. Kent HA, et al.
J Reprod Fertil 18:171, Feb 69
Progesterone, 20 alpha-hydroxy-delta 4-pregnen-3-one, androstenedione and corticosterone content of portal vein and vena caval blood in rats bearing ovarian grafts to the spleen. Leavitt WW, et al.
J Reprod Fertil 18:172, Feb 69
Secretion of pregn-4-ene-3,20-dione (progesterone) in vivo by the adrenal gland of the rat. Holzbauer M, et al.
Nature (London) 221:572-3, 8 Feb 69
Protein binding of progesterone in the peripheral plasma during pregnancy and labor. Yannone ME, et al. Steroids 13:773-81, Jun 69
[Progesterone] Yoshimi T, et al.
Jap J Clin Med 27:369-72, Feb 69 (Jap)

CHEMICAL SYNTHESIS

Antiandrogenic and progestational activity of some 17-oxygenated 15-dehydro steroids. Popper TL, et al.
J Med Chem 12:393-6, May 69
3-Deoxy progestins. Shroff A.
J Med Chem 12:548-9, May 69
Total synthesis of dl-19-nor-16,17-dehydroprogesterone. Daum SJ, et al.
Proc Nat Acad Sci USA 62:333-6, Feb 69
Steroids. II. Synthesis of 19-norprogesterone via 19-nordiosgenin and synthesis of A-aromatic diosgenin. Sunthankar SV, et al.
Tetrahedron Lett 26:2113-6, Jun 69
[Synthesis of 19-nor-17 alpha-hydroxy-progesterone-capronate (gestanorone capronate)] Popper A, et al.
Arzneimittelforschung 19:352-4, Mar 69 (Ger)
[Contraceptive drugs] Benassi CA.
Farmaco [Prat] 22:757-70, Dec 67 (Ita)

ISOLATION & PURIFICATION

Steroid formation in porcine ovarian tissue in vitro. Mode of biosynthesis of androstenedione. Aakvaag A.
Acta Endocr (Kobenhavn) 60:621-34, Apr 69
Mode of action of clomiphene. I. Inhibitory effect of clomiphene citrate on the formation of progesterone from acetate-1-14C by human corpus luteum slices in vitro. Hammerstein J.
Acta Endocr (Kobenhavn) 60:635-44, Apr 69
Regulation of lipid metabolism and progesterone production in rat corpora lutea and ovarian interstitial elements by prolactin and luteinizing hormone. Armstrong DT, et al. Endocrinology 85:393-401, Sep 69

METABOLISM

Steroid formation in porcine ovarian tissue in vitro. Mode of biosynthesis of androstenedione. Aakvaag A.
Acta Endocr (Kobenhavn) 60:621-34, Apr 69
Corticosteroidogenesis and cytochrome levels in the regenerating rat adrenal. Gallant S, et al.
Arch Biochem 131:441-8, May 69
Suppression of adrenal metabolism of 4-14C-progesterone by testosterone-oxime and 17a-methyltestosterone-oxime in vitro. Rembiesa R, et al. Biochem Pharmacol 18:701-6, Apr 69
Metabolism of progesterone-4-14C in vitro in human skin and vaginal mucosa. Frost P, et al.
Biochemistry (Wash) 8:948-52, Mar 69
Adrenal cells in tissue culture. 3. Effect of

adrenocorticotropin and 3',5'-cyclic adenosine monophosphate on 11 beta-hydroxylase and other steroidogenic enzymes. Kowal J. **Biochemistry (Wash)** 8:1821-31, May 69

Metabolism of progesterone by the rabbit mammary gland. Chatterton RT Jr, et al. **Endocrinology** 85:16-24, Jul 69

Influence of steroid distribution between microsomes and soluble fraction on steroid metabolism by microsomal enzymes. Matsumoto K, et al. **Endocrinology** 85:402-9, Sep 69

Formation of steroid hormones in the porcine ovary in vitro. Aakvaag A. **J Endocr** 43:xxv-xxvi, Jan 69

Steroidogenesis in a case of hydatidiform mole. Coutts JR, et al. **J Endocr** 43:27-8, Jan 69

Secretion of C19-steroids and oestrogens in the polycystic ovary syndrome. Ovarian studies in vivo and in vitro (including studies in vitro on a coincidental granulosa cell tumour). Jeffcoate SL, et al. **J Endocr** 42:229-43, Oct 68

The direct action of melatonin and serotonin on testicular androgen production in vitro. Ellis LC. **J Reprod Fertil** 18:159, Feb 69

The binding of plasma progesterone in pregnancy. Heap RB. **J Reprod Fertil** 18:546-8, Apr 69

Estradiol: specific binding by pituitary nuclear fraction in vitro. Leavitt WW, et al. **Science** 165:496-8, 1 Aug 69

Reactions of 20-hydroxylated steroids with bovine adrenal tissue preparations. Burstein SH, et al. **Steroids** 13:399-412, Mar 69

PHARMACODYNAMICS

Artificial stimulatory and hormonal requirements of decidual alkaline phosphatase in the pseudopregnant rat. Manning JP, et al. **Acta Endocr (Kobenhavn)** 61:164-72, May 69

Effect of sex hormones on the electrical activity of brain stem and diencephalon in castrated female rats. Endröczi E. **Acta Physiol Acad Sci Hung** 35:31-9, 1969

Placental hormones and graft rejection. Hulka JF, et al. **Amer J Obstet Gynec** 104:889-92, 15 Jul 69

Induction of polycystic ovarian disease in rats by continuous light. II. Observations on mating, pregnancy, and the postpartum period. Singh KB. **Amer J Obstet Gynec** 104:1004-7, 1 Aug 69

Cytoplasmic fine structure during hormonally controlled differentiation in vaginal epithelium. Eddy EM, et al. **Anat Rec** 164:205-17, Jun 69

Hormones and pulmonary effects of tobacco. II. Progesterone. Shore SR, et al. **Arch Environ Health (Chicago)** 19:59-69, Jul 69

Development of dormant blastocysts induced by oestrogen in the ovariectomized marsupial, Macropus eugenii. Smith MJ, et al. **Aust J Biol Sci** 22:171-80, Feb 69

The effect of hormone treatment upon the duration of incubation in the Bengalese finch. Eisner E. **Behaviour** 33:262-76, 1969

Changes in chick oviduct ribonucleic acid following hormonal stimulation. Dingman CW, et al. **Biochemistry (Wash)** 8:489-95, Feb 69

Relationships between steroid binding and elevation of alkaline phosphatase in HeLa cells. Melnykovych G, et al. **Biochim Biophys Acta** 177:579-85, 6 May 69

Steroid potentiation of responses to sympathomimetic amines in aortic strips. Kalsner S. **Brit J Pharmacol** 36:582-93, Jul 69

Cytoplasmic regulation in early events of amphibian development. Smith LD, et al. **Canad Cancer Conf** 8:103-29, 1969

Role of the oocyte nucleus in physiological maturation in Rana pipiens. Smith LD, et al. **Develop Biol** 19:281-309, Mar 69

Time sequence of action of estrogen on nucleic acid and protein synthesis in the uterus and blastocyst during delayed implantation in the rat. Dass CM, et al. **Endocrinology** 85:528-36, Sep 69

Secretion of the prenidation estrogen surge by the nonluteal ovarian tissues. Kraicer PF. **Endocrinology** 85:177-8, Jul 69

Interactions of 6,7-3H-17beta-estradiol with mammary gland and other organs of the C3H mouse in vivo. Puca GA, et al. **Endocrinology** 85:1-10, Jul 69

Effect of actinomycin D on the inhibitory response of estrogen on LH release. Schally AV, et al. **Endocrinology** 85:290-9, Aug 69

Effect of steroids on neuropharmacologic blockade of ovulation in pregnant mare's serum (PMS)-primed immature rats. Ying SY, et al. **Endocrinology** 84:1466-74, Jun 69

Estrogen secretion by the rat ovary in vivo during the estrous cycle and pregnancy. Yoshinaga K, et al. **Endocrinology** 85:103-12, Jul 69

Factors affecting the wash-out rate of calcium from the myometrium. Poláček I, et al. **Europ J Pharmacol** 6:143-51, May 69

The action of sex hormones on endometrial secretion in spayed rats sensitized to oestradiol. Meglioli G, et al. **Experientia** 25:194-5, 15 Feb 69

Prolactin and the ventral prostate gland in juvenile rats. Von Berswordt-Wallrabe, et al. **Experientia** 25:533-4, 15 May 69

Nidation in weanling rats treated with PMS and gonadal steroids. Khan ZU, et al. **Fertil Steril** 20:667-73, Jul-Aug 69

Histochemical studies of the effect of ovarian hormones on the development of mammary glands in the guinea-pig. Zarzycki J, et al. **Folia Histochem Cytochem (Krakow)** 7:3-14, 1969

Differential effects of progesterone on the maternal behavior of primiparous and multiparous rats. Moltz H, et al. **J Comp Physiol Psychol** 67:36-40, Jan 69

Ovarian hormones and sexual preference in rhesus monkeys. Everitt BJ, et al. **J Endocr** 43:xxxi, Jan 69

Effect of progesterone and hypothalamic stimulation on LH release at different stages of the oestrous cycle in the rat. Kaasjager WA. **J Endocr** 43:xix-xx, Jan 69

Some histochemical aspects of the development of traumatic deciduoma in spayed mice. Madjerek ZS. **J Endocr** 43:xxxi-xxxii, Jan 69

Antifertility effect of 5-hydroxytryptamine at the time of implantation in mice and rats. Marley PB. **J Endocr** 43:34-5, Jan 69

Duration of progesterone treatment required for a stromal response to oestradiol-17-beta in the uterus of the mouse. Martin L, et al. **J Endocr** 44:279-80, Jun 69

The effect of oestradiol and progesterone on the activity of enzymes in the endometrium and caruncles of the ovariectomized ewe. Murdoch RN, et al. **J Endocr** 42:187-92, Oct 68

Induction of ovulation in pseudopregnant rats. Rees GP van. **J Endocr** 43:16-8, Jan 69

Antiandrogenic and progestational activity of some 17-oxygenated 15-dehydro steroids. Popper TL, et al. **J Med Chem** 12:393-6, May 69

3-Deoxy progestins. Shroff A. **J Med Chem** 12:548-9, May 69

Growth and hormonal responsiveness of human endometrial carcinoma after heterologous transplantation to neonatal rats. Forsberg JG, et al. **J Nat Cancer Inst** 43:191-201, Jul 69

The effect of ambient temperature upon post-natal changes in oxygen consumption of the guinea-pig. Adamsons K, et al. **J Physiol (London)** 202:261-9, Jun 69

Effect of hypophysectomy implantation in the mouse. Bindon BM, et al. **J Reprod Fertil** 18:43-50, Feb 69

Effect of an IUCD on an endometrial response to steroid hormones in the rat. Brown-Grant K. **J Reprod Fertil** 18:475-80, Apr 69

Blastocyst survival in ovariectomized rats. Buchanan GD. **J Reprod Fertil** 19:279-83, Jul 69

Ovulation block with stilboestrol in the cow. Lamond DR. **J Reprod Fertil** 18:359-61, Mar 69

Placental hypertrophy in the rat induced by ovariectomy. Pulkkinen MO, et al. **J Reprod Fertil** 18:125-7, Feb 69

A karyometric study of epithelial cells lining the glands of the bovine endometrium. Schultz RH, et al. **J Reprod Fertil** 19:169-71, Jun 69

Anti-ouabain action of steroid hormones on twitch and potassium contracture in heart ventricle strip of frog. Fujino S, et al. **Jap J Pharmacol** 19:148-56, Mar 69

Occurrence of hypotaurine and inositol in the reproductive tract of the ewe and its regulation by pregnenolone and progesterone. Horst CJ van der, et al. **Nature (London)** 223:67-8, 5 Jul 69

Effect of the inhibition of RNA synthesis on in vitro ovulation by frog ovaries. Yatvin MB, et al. **Nature (London)** 223:62, 5 Jul 69

The assay of ACTH and the action of ACTH and steroids on corticosteroidogenesis in the mouse. Purrott RJ, et al. **Pflueger Arch** 309:107-14, 1969

Studies in the regulation of uterine activity. Porter DG. **Postgrad Med J** 45:70-2, Jan 69

The importance of progesterone in the maintenance of pregnancy in the sheep. Schofield BM. **Postgrad Med J** 45:68-9, Jan 69

Spironolactone actions, independent of mineralocorticoid blockade. Selye H. Steroids 13:803-8, Jun 69
The effect of steroidal hormones on the binding of 17beta-estradiol by the mouse uterus and vagina. Terenius L. Steroids 13:311-25, Mar 69
Progesterone: role in limitation of ovulation and sex behavior in mammals. Lisk RD. Trans NY Acad Sci 31:593-601, May 69
[Apropos of the mode of action of an inhibitor of cholesterol synthesis, AY 9944, on the mechanism of gestation and fetal development in rats] Carpent G, et al. Ann Endocr (Paris) 29:506-11, Jul-Aug 68 (Fre)
[Radio-immunologic determination of gonadotropins] Franchimont P. Ann Endocr (Paris) 29:403-31, Jul-Aug 68 (Fre)
[Influences on the binding capacity of thyroxine-binding proteins during pregnancy] Fridrich R, et al. Schweiz Med Wschr 99:833-9, Jun 69 (Ger)
[Rheumatic connective tissue metabolism and pathological structure of the connective tissue in rheumatoid arthritis] Lindner J. Verh Deutsch Ges Inn Med 74:1315-49, 1968 (170 ref.) (Ger)
[Estrogenic effect and serum copper content] Dokumov SI. Z Geburtsh Gynaek 170:28-36, 1969 (Ger)
[On the problem of the relation of neurosecretory hypothalamic nuclei to gonadal function] Smollich A. Z Zellforsch 95:216-22, 1969 (Ger)
[Expemental findings on the pathophysiology of pregnancy varicosis] Florian J, et al. Zbl Phiebol 8:95-101, 15 May 69 (Ger)
[Effects of gonadotropin and ovarian hormones upon evoked potentials in the hypothalamus by stimulation of limbic structures] Kimura F. J Physiol Soc Jap 31:209-23, 1969 (Jap)
[Interaction between estrogen and progestogen in a vaginal smear of ovariectomized and partially hepatectomized rats] Maekawa K, et al. J Tokyo Med Coll 27:69-75, Jan 69 (Jap)
[The effect of gonadotropic, lactogenic and sex hormones on milk secretion] Gotsulenko BR. Fiziol Zh SSSR Sechenov 54:971-8, Aug 68 (Rus)

PHYSIOLOGY

Artificial stimulatory and hormonal requirements of decidual alkaline phosphatase in the pseudopregnant rat. Manning JP, et al. Acta Endocr (Kobenhavn) 61:164-72, May 69
Hypertension of toxaemia. Mukherjee SC. J Indian Med Ass 51:431-4, 1 Nov 68
Action of chorionic gonadotrophin on cellular structures in human endometrium in the secretory phase. Ancla M, et al. J Reprod Fertil 19:291-7, Jul 69
Studies on the effect of nidation. 35. Effect of removal of corpora lutea on ovo-implantation and pregnancy in the rat. Kraicer PF. J Reprod Fertil 18:75-80, Feb 69
Respiratory studies of bovine endometrial preparations. Mather EC, et al. J Reprod Fertil 18:174, Feb 69
The female sex cycle. Horrobin DF. J Theor Biol 22:80-8, Jan 69
Pregnancy and the lower urinary tract. I. A study of histological changes in the lower urinary tract during pregnancy. Rooyen AJ van. S Afr Med J 43:749-53, 14 Jun 69
[Uterine bioelectric activity and uterokinesis] Iarukov L, et al. Akush Ginek (Sofiia) 7:359-67, 1968 (46 ref.) (Bul)

SECRETION

Development of corpora lutea from follicles autotransplanted under the kidney capsule in rabbits. Keyes PL, et al. Endocrinology 85:423-7, Sep 69
Ovarian secretion of progesterone in relation to the Golgi apparatus in lutein cells during the estrous cycle of the rat. McDonald DM, et al. Endocrinology 85:236-43, Aug 69
Peripheral plasma progesterone levels during the ovine estrous cycle. Stabenfeldt GH, et al. Endocrinology 85:11-5, Jul 69
Oestrogen and progesterone content of ovarian vein blood of the ewe during the oestrous cycle. Moore NW, et al. J Endocr 44:55-62, May 69

THERAPEUTIC USE

The treatment of ocular inflammation with hydroxymesterone. Bedrossian RH. Trans Pacif Coast Otoophthal Soc 49:185-95, 1968
[Policy in the presence of functional disturbances of "first periods". Puberty-nubility] Sersiron D. Ann Pediat (Paris) 16:133-48, 2 Feb 69 (Fre)
[Synthetic progestogens and their current indications] Villedieu P. Maroc Med 49:13-8, Jan 69 (Fre)
[Problems of labor pain inhibition by pharmacological agents] Mosier KH. Med Klin 64:133-9, 24 Jan 69 (Ger)
[Combined hormonal therapy of climacteric syndrome using tristeroid preparation "Trophobolene"] Teter J, et al. Ginek Pol 40:279-84, Mar 69 (Pol)

TOXICITY

[Experimental studies on some steride hormones on the development of the rabbit fetus II] Piotrowski J. Przegl Lek 25:322-4, 1969 (Pol)

RELAXIN

PHYSIOLOGY

Pregnancy and the lower urinary tract. I. A study of histological changes in the lower urinary tract during pregnancy. Rooyen AJ van. S Afr Med J 43:749-53, 14 Jun 69

SEX HORMONES

Hormonal allergy in asthma and migraines. Lopez Botet E, et al. Allerg Asthma (Leipzig) 14:78-84, 1968
The coincidence of Klinefelter's syndrome and systemic lupus erythematosus. Ortiz-Neu C, et al. Arthritis Rheum 12:241-6, Jun 69
Sex-related resistance in hamsters to adenovirus-12 oncogenesis. IV. Gonadal hormone influences. Yohn DS, et al. J Nat Cancer Inst 43:133-9, Jul 69

ADMINISTRATION & DOSAGE

Radiotoxicology of tritium and 14C compounds. Vennart J. Health Phys 16:429-40, Apr 69

BIOSYNTHESIS

Steroid inhibition of cholesteryl sulphate cleavage in vitro by rat testis tissue. Notation AD, et al. J Reprod Fertil 18:154-5, Feb 69
[The problem of hirsutism in the light of modern acquisitions in steroid physiopathology] Conti C. Folia Endocr (Roma) 21:529-58, Oct 68 (Ita)

METABOLISM

[Hormone study of patients with adenoma and adenocarcinoma of the prostate] Burghele T, et al. Acta Urol Belg 35:389-400, Jul 67 (Fre)
[Quantitative determination of some imidazole derivatives in the urine of pregnant patients, non-pregnant patients and those with diseases caused by pregnancy] Hamacher M, et al. Hoppe Seyler Z Physiol Chem 350:603-8, May 69 (Ger)

PHARMACODYNAMICS

Hormonal allergy in asthma and migraines. Lopez Botet E, et al. Allerg Asthma (Leipzig) 14:78-84, 1968
Hormone control of connective tissue. Asboe-Hansen G. Brit J Derm 81:Suppl 2:2-8, 1969 (56 ref.)
Anti-ouabain action of steroid hormones on twitch and potassium contracture in heart ventricle strip of frog. Fujino S, et al. Jap J Pharmacol 19:148-56, Mar 69
[Influence of sex hormones on the metabolism of androgens] Mauvais-Jarvis P, et al. Rev Franc Etud Clin Biol 14:159-68, Feb 69 (Fre)
[Physiology of the smooth muscles. Current state of research] Greven K. Hippokrates 39:557-64, 15 Aug 68 (Ger)

PHYSIOLOGY

Interaction of experience with adrenal and sex hormones on the behaviour of hamsters in the open field test. Swanson HH. Anim Behav 17:148-54, Feb 69
Action of hormones on seasonal changes of pelage in the vole. al-Khateeb A, et al. J Endocr 43:43-4, Jan 69

Exfoliative cytologic study of female rats epithelium changes during the estrous cycle, pregnancy and puerperium. Matheus G, et al.
Pakistan Dent Rev 19:44-7, Apr 69

Female specific protein: biosynthesis controlled by corpus allatum in Leucophaea maderae. Engelmann F.
Science 165:407-9, 25 Jul 69

[Animal experimental studies on the regulation of DNA synthesis, RNA synthesis and protein synthesis during physiological growth and their modification by anabolic and antianabolic substances] Truckenbrodt H. **Aerztl Forsch** 23:121-38, 10 Apr 69 **(Ger)**

[The aging of the endocrine system] Arvay A.
Bull Schweiz Akad Med Wiss 24:299-318, Jan 69 **(Ger)**

[Inflammatory diseases of the female genital organs in childhood] Huber A.
Wien Med Wschr 119:353-61 contd, 10 May 69 **(Ger)**

[Hormonal and histologic studies in uterine myomas] Tóth F, et al.
Z Geburtsh Gynaek 170:163-71, Apr 69 **(Ger)**

[Monolateral somatic asymmetry in a pubescent girl. Morphological and functional study] Carretti N, et al.
Riv Ostet Ginec 22:625-38, Sep 67 **(Ita)**

SECRETION

The secretion of steroids from the autotransplanted ovary in the ewe spontaneously and in response to systemic gonadotropin. Baird DT, et al.
J Endocr 42:283-99, Oct 68

Local effect of the ovary on the uterus of the rat. Little SL, et al. **J Endocr** 43:33-4, Jan 69

URINE

[Study of 13 cases of urinary elimination of testicular steroids after administration of H.M.G. (human menopausal gonadotropins) and H.C.G. (human chorionic gonadotropins)] Jayle MF, et al.
Gynec Obstet (Paris) 67:503-8, Nov-Dec 68 **(Fre)**

STANOLONE

ANALYSIS

Subcellular localization of androgen in the rat ventral prostate in vivo. Tveter KJ.
Endocrinology 85:597-600, Sep 69

Autoradiographic localization of androgen in the rat ventral prostate. Tveter KJ, et al.
Endocrinology 85:350-4, Aug 69

BIOSYNTHESIS

A comparative study of the conversion of testosterone to 17-beta-hydroxy-5-alpha-androstan-3-one (Dihydrotestosterone) by prostate and epididymis. Gloyna RE, et al. **J Clin Endocr** 29:970-7, Jul 69

ISOLATION & PURIFICATION

A comparative study of the conversion of testosterone to 17-beta-hydroxy-5-alpha-androstan-3-one (Dihydrotestosterone) by prostate and epididymis. Gloyna RE, et al. **J Clin Endocr** 29:970-7, Jul 69

PHARMACODYNAMICS

[Developments in the concept of the androgenic receptor] Mauvais-Jarvis P.
Presse Med 77:1128, 28 Jun 69 **(Fre)**

STANOZOLOL

ANTAGONISTS & INHIBITORS

Dermal collagen response to experimental thermal injury in normal and in steroid hormone-treated rats. Kowalewski K, et al. **Canad J Surg** 12:342-50, Jul 69

PHARMACODYNAMICS

Dermal collagen response to experimental thermal injury in normal and in steroid hormone-treated rats. Kowalewski K, et al. **Canad J Surg** 12:342-50, Jul 69

THERAPEUTIC USE

[Contribution to the use of a new anabolic steroid, Androstanazol, in the first and second stages of childhood] Rizzo A.
Minerva Pediat 21:1068-108, 16 Jun 69 **(Ita)**

TESTOSTERONE

Regulation of rat testis steroid sulfatase. A kinetic study. Notation AD, et al.
Biochemistry (Wash) 8:501-6, Feb 69

Ovulation-inducing action of clomiphene citrate in the rat. Döcke F. **J Reprod Fertil** 18:135-7, Feb 69

Relationships among the pineal gland, the photoperiod, olfaction and reproduction in female rats. Reiter RJ.
J Reprod Fertil 18:152, Feb 69

The onset of the diurnal rhythm in ovarian cholesterol levels in the rat, in relation to the onset of puberty and ovarian and uterine weight changes. Zarrow MX, et al.
Neuroendocrinology 4:270-7, 1969

Preparation and physico-chemical properties of some steroid heptafluorobutyrates and 3-enol heptafluorobutyrates. Dehennin LA, et al.
Steroids 13:739-61, Jun 69

[Excretion of androgens and estrogens in healthy subjects and patients with kidney failure. Studies with tritium-labeled steroids] Bolt W, et al.
Verh Deutsch Ges Inn Med 74:1215-8, 1968 **(Ger)**

[Attempts of use of 1,3-dichloro-5,5-dimethylhydantoin (dichlorantin) in reactions of chlorination of 4-3-ketosteroids] Skibińska M, et al.
Acta Pol Pharm 6:25-8, 1969 **(Pol)**

[On experimental hemorrhagic cysts] Bruns G.
Vop Onkol 14:107-10, 1968 **(Rus)**

[On the hormonal prevention of dyshormonal hyperplasia of the mammary glands in mice] Dmitriev VN. **Vop Onkol** 15:59-61, 1969 **(Rus)**

ADMINISTRATION & DOSAGE

Antiandrogenic and progestational activity of some 17-oxygenated 15-dehydro steroids. Popper TL, et al.
J Med Chem 12:393-6, May 69

[Influence of sex hormones on the metabolism of androgens] Mauvais-Jarvis P, et al.
Rev Franc Etud Clin Biol 14:159-68, Feb 69 **(Fre)**

[Combination of a protein anabolic steroid and a proteolytic enzyme preparation in mastopathy] Tamimoto K. **Yonago Acta Med** 13:53-6, Feb 69 **(Ger)**

ADVERSE EFFECTS

Lipogranuloma of the penis. Zalar JA Jr, et al.
J Urol 102:75-7, Jul 69

ANALYSIS

Levels of testosterone, androstenedione, estrone and estradiol-17 beta in the testes of fetal sheep. Attal JA.
Endocrinology 85:280-9, Aug 69

Subcellular localization of androgen in the rat ventral prostate in vivo. Tveter KJ.
Endocrinology 85:597-600, Sep 69

An improved method for isolation and identification of hydroxylated testosterone metabolites as trimethylsilyl ethers from biological material. Demisch K, et al. **Europ J Biochem** 9:378-82, Jun 69

Detection and estimation of testosterone in the testes of Tilapia leucosticta (Pisces: Cichlidae). Hyder M, et al. **J Endocr** 44:261-2, Jun 69

Testosterone as a mediator of testis development in the foetal hamster. Kent HA, et al.
J Reprod Fertil 18:171, Feb 69

Radioimmunoassay for estrogens: a preliminary communication. Jiang NS, et al.
Mayo Clin Proc 44:461-5, Jul 69

Hapten-radioimmunoassay: a general procdure for the estimation of steroidal and other haptenic substances. Midgley AR Jr, et al. **Steroids** 13:731-7, Jun 69

ANTAGONISTS & INHIBITORS

[Anabolism and pregnancy] Mitznegg P, et al.
Arch Gynaek 206:437-49, 1968 **(Ger)**

[Androgen treatment and anti-androgens] König MP.
Schweiz Med Wschr 99:744-7, 17 May 69 **(Ger)**

BIOSYNTHESIS

Interrelation between adrenal function and formation of testosterone in vivo in the testis of the dog. Wassermann GF, et al.
Acta Endocr (Kobenhavn) 61:33-47, May 69

The metabolism of steroids by skin in man. Grant JK. **Brit J Derm** 81:Suppl 2:18-22, 1969 (9 ref.)
Testosterone production and metabolic clearance rates in sexually mature male and female skate (Raja radiata). Fletcher GL, et al. **Endocrinology** 85:552-60, Sep 69
Effect of diethylstilbestrol on enzymes of cryptochid mouse testes of Balb-c mice. Samuels LT, et al. **Endocrinology** 85:96-102, Jul 69
De novo formation and metabolism of steroid hormones in feminizing testes: biochemical and ultrastructural studies. Pérez-Palacios G, et al. **J Clin Endocr** 29:786-800, Jun 69
Secretion of C19-steroids and oestrogens in the polycystic ovary syndrome: production and secretion rates measured by isotope dilution in urine. Jeffcoate SL, et al. **J Endocr** 42:213-28, Oct 68
Secretion of C19-steroids and oestrogens in the polycystic ovary syndrome. Ovarian studies in vivo and in vitro (including studies in vitro on a coincidental granulosa cell tumour). Jeffcoate SL, et al. **J Endocr** 42:229-43, Oct 68
The direct action of melatonin and serotonin on testicular androgen production in vitro. Ellis LC. **J Reprod Fertil** 18:159, Feb 69
[The pineal gland, melatonin and testicular steroidogenesis] Balestreri R, et al. **Arch Maragliano Pat Clin** 25:119-25, Mar-Apr 69 **(Ita)**
[Biosynthesis and metabolism of androgens in the testis in puberty] Oshima H. **Clin Endocr (Tokyo)** 17:101-7, Feb 69 **(Jap)**

BLOOD

Interrelation between adrenal function and formation of testosterone in vivo in the testis of the dog. Wassermann GF, et al. **Acta Endocr (Kobenhavn)** 61:33-47, May 69
Pituitary--gonadal axis during prolonged total starvation in obese men. Suryanarayana BV, et al. **Amer J Clin Nutr** 22:767-70, Jun 69
The metabolism of steroids by skin in man. Grant JK. **Brit J Derm** 81:Suppl 2:18-22, 1969 (9 ref.)
Testosterone production and metabolic clearance rates in sexually mature male and female skate (Raja radiata). Fletcher GL, et al. **Endocrinology** 85:552-60, Sep 69
Simple method of measuring plasma testosterone by analysis of competitive testosterone binding protein. Kamitsuna S, et al. **Hiroshima J Med Sci** 18:1-11, Mar 69
The effects of amphotericin B on prostatic and testicular function in the dog. Texter JH, et al. **Invest Urol** 7:90-106, Jul 69
Plasma testosterone-binding affinity and testosterone in umbilical cord plasma, late pregnancy, prepubertal children, and adults. August GP, et al. **J Clin Endocr** 29:891-9, Jul 69
In vivo observations on testosterone and estradiol-17 beta protein binding in women. Barlow JJ, et al. **J Clin Endocr** 29:767-76, Jun 69
Measurement of plasma testosterone by means of competitive protein binding analysis. Rosenfield RL, et al. **J Clin Endocr** 29:854-9, Jun 69
The secretion of steroids from the autotransplanted ovary in the ewe spontaneously and in response to systemic gonadotropin. Baird DT, et al. **J Endocr** 42:283-99, Oct 68
Effect of luteinizing hormone, follicle-stimulating hormone and prolactin on steroid secretion by the autotransplanted ovary of the ewe. Baird DT, et al. **J Endocr** 43:18-9, Jan 69
Recent studies on androgenic function in human subjects. Ismail AA, et al. **J Obstet Gynaec Brit Comm** 75:929-40, Sep 68 (78 ref.)
Plasma levels of testosterone in male rabbits following copulation. Haltmeyer GC, et al. **J Reprod Fertil** 19:273-7, Jul 69
Testosterone as a mediator of testis development in the foetal hamster. Kent HA, et al. **J Reprod Fertil** 18:171, Feb 69
Neutral C19-steroids and steroid sulfates in human pregnancy. V. Isolation and identification of unconjugated testosterone and androstenedione from pooled cord blood. Simmer HH, et al. **Steroids** 13:835-47, Jun 69
[Anomalies of testosterone binding affinity in the serum of thyrotoxic subjects and in idiopathic pilar virilism. Increase in binding affinity after administration of thyroid hormones in subjects with normal or low affinity] Dray F, et al. **Ann Endocr (Paris)** 30:Suppl:223-32, 1969 **(Fre)**
[Apropos of the determination by gas chromatography of testosterone in the form of chloroacetate] Palem M, et al. **Rev Franc Etud Clin Biol** 14:96-8, Jan 69 **(Fre)**
[The problem of hirsutism in the light of modern acquisitions in steroid physiopathology] Conti C. **Folia Endocr (Roma)** 21:529-58, Oct 68 **(Ita)**
[Testosterone] Kato T. **Jap J Clin Med** 27:363-8, Feb 69 **(Jap)**

CHEMICAL SYNTHESIS

Synthesis of testosterones from estrogens. Berndt HD, et al. **Angew Chem [Eng]** 8:376-7, May 69
Nitrate esters of steroid hormones and related compounds. Preparation and biological properties. Hodoşan F, et al. **Arzneimittelforschung** 19:684-5, Apr 69

ISOLATION & PURIFICATION

Influence of steroid distribution between microsomes and soluble fraction on steroid metabolism by microsomal enzymes. Matsumoto K, et al. **Endocrinology** 85:402-9, Sep 69
Neutral C19-steroids and steroid sulfates in human pregnancy. V. Isolation and identification of unconjugated testosterone and androstenedione from pooled cord blood. Simmer HH, et al. **Steroids** 13:835-47, Jun 69
[Excretion of testosterone and epitestosterone in women at the end of pregnancy] Schollberg K, et al. **Acta Endocr (Kobenhavn)** 60:579-85, Apr 69 **(Ger)**

METABOLISM

In vitro uptake of tritiated testosterone and oestradiol by the lateral lobe of the hypertrophied human prostate and the accessory sex glands of the rat--a pilot study. Jonsson CE. **Acta Endocr (Kobenhavn)** 61:25-32, May 69
Localization of an androgen binding substance from the rat ventral prostate. Unhjem O, et al. **Acta Endocr (Kobenhavn)** 60:571-8, Apr 69
Effect of storage of frozen liver microsomal preparations on the hydroxylation of testosterone and pentobarbital and the N-demethylation of ethylmorphine. Levin W, et al. **Biochem Pharmacol** 18:883-9, Apr 69
Interaction of steroid hormones with histones in vitro. Sluyser M. **Biochim Biophys Acta** 182:235-44, 20 May 69
The metabolism of steroids by skin in man. Grant JK. **Brit J Derm** 81:Suppl 2:18-22, 1969 (9 ref.)
Testosterone production and metabolic clearance rates in sexually mature male and female skate (Raja radiata). Fletcher GL, et al. **Endocrinology** 85:552-60, Sep 69
Subcellular localization of androgen in the rat ventral prostate in vivo. Tveter KJ. **Endocrinology** 85:597-600, Sep 69
Autoradiographic localization of androgen in the rat ventral prostate. Tveter KJ, et al. **Endocrinology** 85:350-4, Aug 69
An improved method for isolation and identification of hydroxylated testosterone metabolites as trimethylsilyl ethers from biological material. Demisch K, et al. **Europ J Biochem** 9:378-82, Jun 69
Biosynthesis of 18-hydroxytestosterone in the human foetal liver. Lisboa BP, et al. **Europ J Biochem** 9:402-5, Jun 69
In vivo observations on testosterone and estradiol-17 beta protein binding in women. Barlow JJ, et al. **J Clin Endocr** 29:767-76, Jun 69
A comparative study of the conversion of testosterone to 17-beta-hydroxy-5-alpha-androstan-3-one (Dihydrotestosterone) by prostate and epididymis. Gloyna RE, et al. **J Clin Endocr** 29:970-7, Jul 69
De novo formation and metabolism of steroid hormones in feminizing testes: biochemical and ultrastructural studies. Pérez-Palacios G, et al. **J Clin Endocr** 29:786-800, Jun 69
Binding of [3H] testosterone in the nuclei of androgen-dependent tissues. Mainwaring WI. **J Endocr** 43:37-8, Jan 69
The direct action of melatonin and serotonin on testicular androgen production in vitro. Ellis LC. **J Reprod Fertil** 18:159, Feb 69
Estradiol: specific binding by pituitary nuclear fraction in vitro. Leavitt WW, et al. **Science** 165:496-8, 1 Aug 69

Studies on testosterone hydroxylation and pentobarbital oxidation by rat liver microsomes: selective effects of age, sex, castration and testosterone propionate treatment. Jacobson M, et al. **Steroids** 13:327-41, Mar 69

Conjugation of steroid hormones by breast cancer tissue and selection of patients for adrenalectomy. Dao TL, et al. **Surgery** 66:162-6, Jul 69

[Anomalies of testosterone binding affinity in the serum of thyrotoxic subjects and in idiopathic pilar virilism. Increase in binding affinity after administration of thyroid hormones in subjects with normal or low affinity] Dray F, et al. **Ann Endocr (Paris)** 30:Suppl:223-32, 1969 **(Fre)**

[Developments in the concept of the androgenic receptor] Mauvais-Jarvis P. **Presse Med** 77:1128, 28 Jun 69 **(Fre)**

[Influence of sex hormones on the metabolism of androgens] Mauvais-Jarvis P, et al. **Rev Franc Etud Clin Biol** 14:159-68, Feb 69 **(Fre)**

[Testosterone metabolism in the isolated perfused guinea pig liver] Demisch K, et al. **Europ J Biochem** 7:324-7, Jan 69 **(Ger)**

[Metabolism of 9beta, 10alpha-testosterone in tissue preparations of rat liver and bovine adrenal glands] Breuer H, et al. **Hoppe Seyler Z Physiol Chem** 350:581-90, May 69 **(Ger)**

PHARMACODYNAMICS

Effect of pre-pubertal gonadectomy and treatment with sex hormones on body growth, weight of organs and skin collagen of hamsters. Kowalewski K. **Acta Endocr (Kobenhavn)** 61:48-56, May 69

Ovarian hypertrophy after unilateral ovariectomy in immature testosteronetreated rats. Colombo JA. **Acta Physiol Lat Amer** 17:247-9, 1967

Effect of gonadectomy on gonadotrophin secretion in androgenized rats. Studies in parabiosis. Moguilevsky JA, et al. **Acta Physiol Lat Amer** 17:200-3, 1967

Physiologic, pharmacologic, and clinicalspects of proteinase inhibitors. Werle E, et al. **Ann NY Acad Sci** 146:464-78, 28 Jun 68

The effects of cortisone and anabolic steroids on the tensile strength of healing wounds. Ehrlich HP, et al. **Ann Surg** 170:203-6, Aug 69

Antimicrobial properties of testosterone and its intermediates. Yotis W, et al. **Antonie Leeuwenhoek** 34:275-86, 1968

Suppression of adrenal metabolism of 4-14C-progesterone by testosterone-oxime and 17a-methyltestosterone-oxime in vitro. Rembiesa R, et al. **Biochem Pharmacol** 18:701-6, Apr 69

Determinants of hepatic aminopyrine demethylase activity. Soyka LF. **Biochem Pharmacol** 18:1029-38, May 69

Androgen regulation of RNA polymerase activity in isolated mouse kidney nuclei. Avdalovic N, et al. **Biochim Biophys Acta** 182:382-93, 17 Jun 69

Stimulation of protein synthesis in mouse liver by ecdysterone. Otaka T, et al. **Chem Pharm Bull (Tokyo)** 17:75-81, Jan 69

Effect of a single prepubertal injection of testosterone propionate on later reproductive functions of the female golden hamster. Alleva FR, et al. **Endocrinology** 85:312-8, Aug 69

"Puberty" of the rat liver. IV. Influence of estrogens upon the differentiation of cortisol metabolism induced by neonatal testosterone. Denef C, et al. **Endocrinology** 85:259-69, Aug 69

Uptake and retention of tritiated estradiol in brain and peripheral tissues of male, female and neonatally androgenized female rats. Green R, et al. **Endocrinology** 85:373-8, Aug 69

Regulation by FSH and ICSH (LH) of reproductive function in the immature male rat. Lostroh AJ. **Endocrinology** 85:438-45, Sep 69

Growth hormone secretion by pituitary grafts under the median eminence or renal capsule. Peng MT, et al. **Endocrinology** 85:360-5, Aug 69

Interactions of 6,7-3H-17beta-estradiol with mammary gland and other organs of the C3H mouse in vivo. Puca GA, et al. **Endocrinology** 85:1-10, Jul 69

Effect of actinomycin D on the inhibitory response of estrogen on LH release. Schally AV, et al. **Endocrinology** 85:290-9, Aug 69

Combined effects of testosterone and motor, sensory, or gustatory nerve reinnervation on the regeneration of taste buds. Zalewski AA. **Exp Neurol** 24:285-97, Jun 69

The action of sex hormones on endometrial secretion in spayed rats sensitized to oestradiol. Meglioli G, et al. **Experientia** 25:194-5, 15 Feb 69

Effect of some synthetic progestational steroids on uterine contractions. Dutta SN, et al. **Indian J Med Sci** 23:11-3, Jan 69

The effects of amphotericin B on prostatic and testicular function in the dog. Texter JH, et al. **Invest Urol** 7:90-106, Jul 69

Role of hematocrit, heart mass, and high-altitude exposure in acute hypoxia tolerance. Burton RR, et al. **J Appl Physiol** 27:49-52, Jul 69

Effects of testosteronereatment on plasma proteins and amino acids in men. Dickinson P, et al. **J Clin Endocr** 29:837-41, Jun 69

Effects of testosterone injected unilaterally down the vas deferens on the accessory glands of the ram. Skinner JD, et al. **J Endocr** 42:355-6, Oct 68

The effect of testosterone or oestradiol upon the sexual and associated behaviour of the adult female Rhesus monkey. Trimble MR, et al. **J Endocr** 42:171-85, Oct 68

The effect of estrogen and androgen on the sebaceous gland turnover time. Sweeney TM, et al. **J Invest Derm** 53:8-10, Jul 69

The use of an antiandrogen to further investigate the erythropoietic effects of androgens. Medlinsky JT, et al. **J Lab Clin Med** 74:85-92, Jul 69

Antiandrogenic and progestational activity of some 17-oxygenated 15-dehydro steroids. Popper TL, et al. **J Med Chem** 12:393-6, May 69

Thia steroids. I. 2-Thia-A-nor-5-alpha-androstan-17-beta-ol, an active androgen. Wolff ME, et al. **J Med Chem** 12:629-31, Jul 69

Influence of hormones on N-2-fluorenyldiacetamide-induced hyperplastic hepatic nodules in rats. Reuber MD. **J Nat Cancer Inst** 43:445-52, Aug 69

Sex-related resistance in hamsters to adenovirus-12 oncogenesis. IV. Gonadal hormone influences. Yohn DS, et al. **J Nat Cancer Inst** 43:133-9, Jul 69

Catecholamines and behavior in isolated and grouped mice. Anton AH, et al. **J Psychiat Res** 6:211-20, Dec 68

Testicular development in rats treated with several steroids shortly after birth. Ladosky W, et al. **J Reprod Fertil** 19:247-54, Jul 69

Steroid inhibition of cholesteryl sulphate cleavage in vitro by rat testis tissue. Notation AD, et al. **J Reprod Fertil** 18:154-5, Feb 69

Failure of androgen to affect ovulation and puberty in swine. Stratman FW, et al. **J Reprod Fertil** 18:343-5, Mar 69

Anti-ouabain action of steroid hormones on twitch and potassium contracture in heart ventricle strip of frog. Fujino S, et al. **Jap J Pharmacol** 19:148-56, Mar 69

Adrenal glands and sexual receptivity in female rhesus monkeys. Everitt BJ, et al. **Nature (London)** 222:1065-6, 14 Jun 69

Structural changes in the hypothalamic ventromedial nucleus of the male rat, following neonatal castration and androgen treatment. Dörner G, et al. **Neuroendocrinology** 4:278-81, 1969

Seminal composition and sexual activity after castration and testosterone replacement in rabbits. Macmillan KL, et al. **Proc Soc Exp Biol Med** 131:673-7, Jun 69

The effect of hormones on hepatic cholesterol ester synthesis in vitro. Schweppe JS, et al. **Proc Soc Exp Biol Med** 131:868-70, Jul 69

Estrogens, proestrogens and antiestrogens. Emmens CW, et al. **Steroids** 13:725-30, Jun 69

Studies on testosterone hydroxylation and pentobarbital oxidation by rat liver microsomes: selective effects of age, sex, castration and testosterone propionate treatment. Jacobson M, et al. **Steroids** 13:327-41, Mar 69

The effect of steroidal hormones on the binding of 17beta-estradiol by the mouse uterus and vagina. Terenius L. **Steroids** 13:311-25, Mar 69

[Development of calcifying arteriopathies following administration of vitamin D and its derivatives in animal experiments] Churý Z, et al. **Cesk Pediat** 24:391-5, May 69 **(Cze)**

[Radio-immunologic determination of gonadotropins] Franchimont P. **Ann Endocr (Paris)** 29:403-31, Jul-Aug 68 **(Fre)**

[Developments in the concept of the androgenic receptor] Mauvais-Jarvis P. **Presse Med** 77:1128, 28 Jun 69 **(Fre)**

[Anabolism and pregnancy] Mitznegg P, et al.
Arch Gynaek 206:437-49, 1968 **(Ger)**

[Attempts of modification of the serum lipid fractions in diabetics] Krámer M, et al.
Deutsch Z Verdau Stoffwechselkr 28:345-51, 1968 **(Ger)**

[When should lactation inhibitors be injected?] Martin G. **Geburtsh Frauenheilk** 29:385-90, Apr 69 **(Ger)**

[Indications, methodology and results of hormonal inhibition and suppression of lactation] Scholz H.
Med Welt 27:1617-9, 8 Jul 67 **(Ger)**

[Effect of testosterone and an anti-androgen (cyproterone) on glucuronide formation in the liver] Müller-Oerlinghausen B, et al.
Naunyn Schmiedeberg Arch Pharm Exp Path 260:179-80, 1968 **(Ger)**

[On the problem of the relation of neurosecretory hypothalamic nuclei to gonadal function] Smollich A.
Z Zellforsch 95:216-22, 1969 **(Ger)**

[Behavior of fractional, glucurono-conjugated and sulfo-conjugated 17-ketosteroids in hepatic cirrhosis in basic conditions and after loading with testosterone] Abate G, et al.
Endocr Sci Cost 30:282-97, Apr 69 **(Ita)**

[Effects of oral administration of proteolytic enzymes on certain serum values during infectious hepatitis in children] Belloni C, et al.
Minerva Pediat 21:314-6, 25 Feb 69 **(Ita)**

[The influence of androgens on salivary arginase] Vanelli GP, et al.
Minerva Stomat 18:79-82, Feb 69 **(Ita)**

PHYSIOLOGY

Testosterone as a mediator of testis development in the foetal hamster. Kent HA, et al.
J Reprod Fertil 18:171, Feb 69

[Biosynthesis and metabolism of androgens in the testis in puberty] Oshima H.
Clin Endocr (Tokyo) 17:101-7, Feb 69 **(Jap)**

SECRETION

[Feminization, in culture in vitro, of chick embryo testis by the embryonic testis of the calf] Akram H, et al.
Arch Anat Micr Morph Exp 57:369-78, Oct-Dec 68 **(Fre)**

[On the 17-Ketosteroid and testosterone determination in the urine of advanced gravidae] Seiler E, et al.
Z Aerztl Fortbild (Jena) 63:137-9, 1 Feb 69 **(Ger)**

THERAPEUTIC USE

Idiopathic aplastic anaemia in children. Results of androgen treatment. Killander A, et al.
Acta Paediat Scand 58:10-4, Jan 69

Treatment of glycogen storage disease (Von Gierke's disease). Spellberg MA.
Amer J Gastroent 52:45-7, Jul 69

Studies on relative oestrogen concentrations in human malignant breast tumours. Ames F, et al.
Brit J Surg 56:615, Aug 69

Hypopituitarism with paranoid psychosis: a description of two cases. Dissanayake SA, et al.
J Neurol Neurosurg Psychiat 32:233-5, Jun 69

Recovery from aplastic anemia associated with infectious hepatitis. McGuinness AE, et al.
Med J Aust 1:1090-2, 24 May 69 (15 ref.)

[Attempts of modification of the serum lipid fractions in diabetics] Krámer M, et al.
Deutsch Z Verdau Stoffwechselkr 28:345-51, 1968 **(Ger)**

[Panmyelopathy following acute hepatitis] Vaništa J, et al. **Med Klin** 63:757-9, 10 May 68 **(Ger)**

[Androgen treatment and anti-androgens] König MP.
Schweiz Med Wschr 99:744-7, 17 May 69 **(Ger)**

[Combined hormonal therapy of climacteric syndrome using tristeroid preparation "Trophobolene"] Teter J, et al. **Ginek Pol** 40:279-84, Mar 69 **(Pol)**

[Problem of the differential diagnosis and therapy of climacteric cardiopathy] Vorob'ev AI, et al.
Kardiologiia 7:78-87, Aug 67 **(Rus)**

URINE

Urinary testosterone response to human chorionic gonadotropin. Evaluation of male patients with hypogonadotropic hypogonadism. Fariss BL, et al.
Fertil Steril 20:632-8, Jul-Aug 69

Studies on the endocrinology of hirsutism in women. Ismail AA, et al. **J Endocr** 43:28, Jan 69

Secretion of C19-steroids and oestrogens in the polycystic ovary syndrome: production and secretion rates measured by isotope dilution in urine. Jeffcoate SL, et al. **J Endocr** 42:213-28, Oct 68

Recent studies on androgenic function in human subjects. Ismail AA, et al.
J Obstet Gynaec Brit Comm 75:929-40, Sep 68 (78 ref.)

[Excretion of testosterone and epitestosterone in women at the end of pregnancy] Scholberg K, et al.
Acta Endocr (Kobenhavn) 60:579-85, Apr 69 **(Ger)**

[HTO-formation from tritium labelled compounds in vivo as proof of tritium incorporation] Wenzel M.
Arzneimitteiforschung 19:648-51, Apr 69 **(Ger)**

[Testosterone determination in urine in female hirsutism] Göbel P, et al.
Med Welt 42:2268-74, 19 Oct 68 **(Ger)**

[On the 17-Ketosteroid and testosterone determination in the urine of advanced gravidae] Seiler E, et al.
Z Aerztl Fortbild (Jena) 63:137-9, 1 Feb 69 **(Ger)**

IV. Related Topics

CASTRATION

Effect of pre-pubertal gonadectomy and treatment with sex hormones on body growth, weight of organs and skin collagen of hamsters. Kowalewski K. **Acta Endocr (Kobenhavn)** 61:48-56, May 69

Oxidation of several Krebs' substrates by the male rat hypothalamus. Effect of castration. Schiaffini O. **Acta Physiol Lat Amer** 18:345-50, 1968

Effect of castration on the succinate oxidation and succinic dehydrogenase in rat hypothalamus. Schiaffini O, et al. **Acta Physiol Lat Amer** 18:351-4, 1968

Sarcoma induction in mice by methylcholanthrene. The influence of thymus grafting and of castration. Marchant J. **Brit J Cancer** 23:377-82, Jun 69

Semen quality and testicular function in rabbits following repeated testicular biopsy and unilateral castration. Paufler SK, et al. **Fertil Steril** 20:618-25, Jul-Aug 69

The distribution of 65zinc in the prostate and other organs in control, castrated, and hypophysectomized rats. Byar DP, et al. **Invest Urol** 7:57-65, Jul 69

Reproduction in the ferret (Mustela furo). II. Changes following ovariectomy during early pregnancy. Buchanan GD. **J Reprod Fertil** 18:305-16, Mar 69

Blastocyst survival in ovariectomized rats. Buchanan GD. **J Reprod Fertil** 19:279-83, Jul 69

Pituitary levels of FSH and LH at various intervals after ovariectomy in the rat. Labhsetwar AP. **J Reprod Fertil** 18:531-3, Apr 69

Milk yield during prolonged lactation in mice; effect of ovariectomy. Zeilmaker GH. **J Reprod Fertil** 19:361-5, Jul 69

Structural changes in the hypothalamic ventromedial nucleus of the male rat, following neonatal castration and androgen treatment. Dörner G, et al. **Neuroendocrinology** 4:278-81, 1969

Comparison of prophylactic and therapeutic castration in breast carcinoma. Fracchia AA, et al. **Surg Gynec Obstet** 129:270-6, Aug 69

Light-microscope studies of the cytology of the adenohypophysis of the white-crowned sparrow, Zonotrichia leucophrys gambelii. Matsuo S, et al. **Z Zellforsch** 95:143-76, 1969

[Effects of castration performed during pregnancy on the structure of the rat pituitary] Desclin L, et al. **Ann Endocr (Paris)** 29:461-4, Jul-Aug 68 **(Fre)**

[Influence of production technic on the quantity and quality of meats of the various domestic species of zootechnical importance] Falaschini A, et al. **Minerva Med** 60:1528-30, 18 Apr 69 **(Ita)**

[Interaction between estrogen and progestogen in a vaginal smear of ovariectomized and partially hepatectomized rats] Maekawa K, et al. **J Tokyo Med Coll** 27:69-75, Jan 69 **(Jap)**

[The role of castration in the treatment of breast cancer] Araújo AE de. **Hospital (Rio)** 75:841-4, Mar 69 **(Por)**

[Bile secretory function of the liver in castrated animals] Skakun NP, et al. **Fiziol Zh SSSR Sechenov** 53:1446-51, Dec 67 **(Rus)**

[Sexual criminality recidivation after legal castration. A case report] Lidberg L. **Nord Psykiat T** 22:387-91, 1968 **(Swe)**

ADVERSE EFFECTS

[Relations between surgical castration and morpho-histochemical behavior of the comb, wattles and long ears of Gallus gallus L. Zoothechnical and biological role and significance in the light of systematic studies on some endocrine glands] Pino N, et al. **Minerva Med** 60:1535-9, 18 Apr 69 **(Ita)**

ESTRUS

Utero-ovarian relationships in the golden hamster. I. Ovarian periodicity following hysterectomy. Duby RT, et al. **Acta Endocr (Kobenhavn)** 60:595-602, Apr 69

Autonomic innervation of the rat vagina, cervix, and uterus and its cyclic cariation. Adham N, et al. **Amer J Obstet Gynec** 104:508-16, 15 Jun 69

Cyclic changes in electrical activity of the rat midbrain reticular formation during the estrous cycle. Terasawa E, et al. **Brain Res** 14:189-98, Jun 69

Radioimmunoassay for ovine luteinizing hormone. Secretion of luteinizing hormone during estrus and following estrogen administration in sheep. Goding JR, et al. **Endocrinology** 85:133-42, Jul 69

Peripheral plasma progesterone levels during the ovine estrous cycle. Stabenfeldt GH, et al. **Endocrinology** 85:11-5, Jul 69

Estrogen secretion by the rat ovary in vivo during the estrous cycle and pregnancy. Yoshinaga K, et al. **Endocrinology** 85:103-12, Jul 69

Development of bisexuality in the male rat treated neonatally with androstenedione. Goldfoot DA, et al. **J Comp Physiol Psychol** 67:41-5, Jan 69

Consequences of hypothalamic deafferentation in female rats and guinea-pigs. Butler JE, et al. **J Endocr** 43:xx-xxi, Jan 69

Systematic plasma progesterone levels during the pro-oestrous critical period in rats. Feder HH, et al. **J Endocr** 43:xxix, Jan 69

Effect of progesterone and hypothalamic stimulation on LH release at different stages of the oestrous cycle in the rat. Kaasjager WA. **J Endocr** 43:xix-xx, Jan 69

Oestrogen and progesterone content of ovarian vein blood of the ewe during the oestrous cycle. Moore NW, et al. **J Endocr** 44:55-62, May 69

Timing of LH release and ovulation in the cyclic mouse. Bingel AS, et al. **J Reprod Fertil** 19:223-9, Jul 69

Pituitary LH content and reproductive tract changes during the mouse oestrous cycle. Bingel AS, et al. **J Reprod Fertil** 19:215-22, Jul 69

Oestrus and ovarian histology in the lactating vole (Microtus agrestis). Breed WG. **J Reprod Fertil** 18:33-42, Feb 69

The oestrous cycle of rats at high altitude. Donayre J. **J Reprod Fertil** 18:29-32, Feb 69

Microbial-cellular interrelationships in the mouse oestrous cycle. Lavenda N, et al. **J Reprod Fertil** 18:171-2, Feb 69

Ovarian blood flow in sheep during the oestrous cycle. Mattner PE. **J Reprod Fertil** 19:385, Jul 69

Fertility following egg transfer in the cow; effect of method, medium and synchronization of oestrus. Rowson LE, et al. **J Reprod Fertil** 18:517-23, Apr 69

Luteinizing hormone secretion during the oestrous cycle of the ewe as determined by radio-immunoassay. Wheatley IS, et al. **J Reprod Fertil** 19:211-4, Jun 69

The female sex cycle. Horrobin DF. **J Theor Biol** 22:80-8, Jan 69

Persistent estrus: an experimental model of the polycystic ovary syndrome. Singh KB. **Obstet Gynec Survey** 24:2-17, Jan 69 (111 ref.)

Relationship of pituitary prolactin and LH to mammary and uterine growth of pubertal rats during the estrous cycle. Sinha YN, et al. **Proc Soc Exp Biol Med** 131:908-12, Jul 69

Effect of brain stimulation on estrous activity cycls. Hitt JC, et al. **Psychol Rep** 24:59-68, Feb 69

Oestrus induction in ewes with standard treatments of reduced natural light. Fraser AF, et al. **Vet Rec** 84:427-30, 26 Apr 69

The arcuate complex of the female rat during the sexual cycle. An electron microscopic study. Zambrano D. **Z Zellforsch** 93:560-70, 1969

[Study of the ovulatory discharge by radio-immunologic analysis of the plasma LH in the normal ewe or one treated by a progestogen] Pelletier J, et al. **C R Acad Sci [D] (Paris)** 268:573-6, 20 Jan 69 **(Fre)**

[Radioimmunologic determination of LH in bovine serum, with special attention to the estrous cycle] Schams D, et al. **Acta Endocr (Kobenhavn)** 61:96-103, May 69 **(Ger)**

[Electron microscopic picture of the epithelial cell of the uterine mucosa in the experimental cycle of the

castrated female rat] Rickers K, et al. **Beitr Path Anat** 136:180-208, 1967 **(Ger)**
[Hypothalamo-pituitary control of the sexual cycle] Baranov VG, et al. **Fiziol Zh SSSR Sechenov** 53:1367-75, Nov 67 **(Rus)**

DRUG EFFECTS

Effect of continued daily injections of oxytocin on oestrous cycle length and reproductive tract morphology in the cow. Donaldson LE. **J Reprod Fertil** 18:259-63, Mar 69
The induction of prolonged vaginal di-oestrus in the rat by a low level of oestradiol benzoate. Gilmore DP, et al. **J Reprod Fertil** 18:549-50, Apr 69
Control of sexual activity in ranch cows by intramuscular and intravaginal administration of progestagens. Hale DH, et al. **J Reprod Fertil** 18:193-6, Mar 69
Out-of-season breeding in sheep. Betts JE, et al. **Vet Rec** 84:358-9, 5 Apr 69
Oestrus synchronisation of stall-housed sows and gilts with methallibure. Smith WC, et al. **Vet Rec** 84:499-502, 17 May 69
[Reversibility of the damage induced in female gonads by cytostatics] Egert G, et al. **Arzneimittelforschung** 19:1-5, Jan 69 **(Ger)**
[Preliminary studies on the effect of certain thyroid hormone preparations on the estrus cycle in rats] Brunori de Luca I, et al. **Riv Ital Ginec** 51:719-25, Nov 67 **(Ita)**

RADIATION EFFECTS

Preconception irradiation of dam and composition of offspring. Hahn EW, et al. **J Nutr** 98:181-7, Jun 69

OVULATION

Induction of polycystic ovarian disease in rats by continuous light. 3. Mechanism of ovarian compensatory hypertrophy and ovulation after unilateral oophorectomy. Singh KB. **Amer J Obstet Gynec** 104:1008-11, 1 Aug 69
Re-establishment of menstruation after abortion. Purola E, et al. **Ann Chir Gynaec Fenn** 57:618-20, 1968
Changes in electrical activity in the rat hypothalamus related to electrochemical stimulation of adenohypophyseal function. Terasawa E, et al. **Endocrinology** 85:143-9, Jul 69
Altered ovulation pattern in experimental diabetes. Chieri RA, et al. **Fertil Steril** 20:661-6, Jul-Aug 69
Induction of ovulation. Nelson TE. **J Kansas Med Soc** 70:331-6, Jul 69
Timing of LH release and ovulation in the cyclic mouse. Bingel AS, et al. **J Reprod Fertil** 19:223-9, Jul 69
Timing of LH release and ovulation in the post partum mouse. Bingel AS, et al. **J Reprod Fertil** 19:231-7, Jul 69
Effect of an intra-uterine device on conception and ovulation in the Rhesus monkey. Kelly WA, et al. **J Reprod Fertil** 19:143-8, Jun 69
Contraceptive mechanism of IUDs. Pakrashi A, et al. **J Reprod Fertil** 19:357-9, Jul 69
Familial galactorrhea in three sisters with oligo-ovulation. Wider JA, et al. **JAMA** 209:669-71, 4 Aug 69
Neural activation of gonadotropic hormone release by electrical stimulation in the hypothalamus of the guinea pig and the rat. Quinn DL. **Neuroendocrinology** 4:254-63, 1969
[Basal body temperature and ovarian function] Johansson CJ. **Duodecim** 85:211-7, 1969 **(Fin)**
[Study of the ovulatory discharge by radio-immunologic analysis of the plasma LH in the normal ewe or one treated by a progestogen] Pelletier J, et al. **C R Acad Sci [D] (Paris)** 268:573-6, 20 Jan 69 **(Fre)**
[Gonadotropins, meiosis, ovulation. Cytophysiology and human applications. II. Meiogenic function of follicular fluid. Electron microscopy. 2. Human ovocyte. Attempt at comparative ultrastructural cytology] Moricard R. **Rev Franc Gynec Obstet** 63:643-94, Dec 68 **(Fre)**
[On the fine structure of human luteinic cell during some stages of its evolution cycle with special reference to its secretory activity] Motta P. **Biol Lat (Milano)** 20:201-24, Jul-Sep 67 **(Ita)**

DRUG EFFECTS

Effect of particle size on biological activity of norethisterone acetate. Gibian H, et al. **Acta Physiol Lat Amer** 18:323-6, 1968
Effects of medroxyprogesterone acetate and chlorpromazine on ovulation and vaginal cytology in a strain of 4-day cyclic rats. Banik UK, et al. **Canad J Physiol Pharmacol** 47:573-5, Jun 69
Direct effect on the ovary of the adrenergic blocking drug dibenzyline. Ferrando G, et al. **Endocrinology** 85:38-42, Jul 69
Effect of steroids on neuropharmacologic blockade of ovulation in pregnant mare's serum (PMS)-primed immature rats. Ying SY, et al. **Endocrinology** 84:1466-74, Jun 69
Pharmacological control of reproduction in women. Harper MJ. **Fortschr Arzneimittelforsch** 12:47-136, 1968 (748 ref.)
Meiosis and inhibition of ovulation in mouse eggs treated with actinomycin D. Jagiello GM. **J Cell Biol** 42:571-4, Aug 69
Ovulation in the guinea-pig. Reed M. **J Endocr** 43:22-3, Jan 69
Induction of ovulation in pseudopregnant rats. Rees GP van. **J Endocr** 43:16-8, Jan 69
Ovulation-inducing action of clomiphene citrate in the rat. Döcke F. **J Reprod Fertil** 18:135-7, Feb 69
Ovulation block with stilboestrol in the cow. Lamond DR. **J Reprod Fertil** 18:359-61, Mar 69
Failure of androgen to affect ovulation and puberty in swine. Stratman FW, et al. **J Reprod Fertil** 18:343-5, Mar 69
Effect of the inhibition of RNA synthesis on in vitro ovulation by frog ovaries. Yatvin MB, et al. **Nature (London)** 223:62, 5 Jul 69
Progesterone: role in limitation of ovulation and sex behavior in mammals. Lisk RD. **Trans NY Acad Sci** 31:593-601, May 69
[Diagnosis and treatment of female sterility caused by hormonal disturbances] Hirvonen E. **Duodecim** 85:203-10, 1969 **(Fin)**
[Influence of antiovulatory agents in the proestral phase of the ovarian cycle on the excretory gonadotropic activity of the beta- and gamma-cells in the rats anterior hypophysis] Roos J. **Z Zellforsch** 95:347-60, 1969 **(Fre)**
[Clinical experience with a new combination of MAP + ethinyl estradiol in small doses] Cittadini E, et al. **Attualita Ostet Ginec** 12:403-14, Sep-Oct 67 **(Ita)**
[Recent developments in the treatment of infertility] Lunenfeld B, et al. **Minerva Ginec** 19:906-9, 30 Sep 67 **(Ita)**
[Contribution to the study of the effects of contraceptives on the genital apparatus] Lecca U, et al. **Riv Ital Ginec** 51:766-78, Nov 67 **(Ita)**
[10 years of research using steroids as controllers of ovulation] Martínez-Manautou J. **Gac Med Mex** 98:1560-75, Dec 68 **(Spa)**

RADIATION EFFECTS

Preconception irradiation of dam and composition of offspring. Hahn EW, et al. **J Nutr** 98:181-7, Jun 69

PUBERTY

Effect of pre-pubertal gonadectomy and treatment with sex hormones on body growth, weight of organs and skin collagen of hamsters. Kowalewski K. **Acta Endocr (Kobenhavn)** 61:48-56, May 69
Periodontal conditions in a Finnish rural population. Ainamo J, et al. **Acta Odont Scand** 26:489-500, Dec 68
Hirsutism. Muller SA. **Amer J Med** 46:803-17, May 69 (109 ref.)
Mothers of mongoloid infants in the collaborative project. Marmol JG, et al. **Amer J Obstet Gynec** 104:533-43, 15 Jun 69
Interaction of experience with adrenal and sex hormones on the behaviour of hamsters in the open field test. Swanson HH. **Anim Behav** 17:148-54, Feb 69
Variations in pattern of pubertal changes in girls. Marshall WA, et al. **Arch Dis Child** 44:291-303, Jun 69
Histological studies of infantile ovaries on autopsy material. Tóth VG, et al. **Arq Brasil Endocr** 17:81-8, Aug 68
Pubertal hemorrhages in girls with a hemorrhagic disorder. Comments on management. Van Creveld S, et al. **Clin Pediat (Phila)** 8:398-9, Jul 69
Character of the electroencephalogram in relation to

the paroxysmal activity in children's epilepsy. Rösler M, et al.
Electroenceph Clin Neurophysiol 26:228, Feb 69

Effect of a single prepubertal injection of testosterone propionate on later reproductive functions of the female golden hamster. Alleva FR, et al.
Endocrinology 85:312-8, Aug 69

"Puberty" of the rat liver. IV. Influence of estrogens upon the differentiation of cortisol metabolism induced by neonatal testosterone. Denef C, et al.
Endocrinology 85:259-69, Aug 69

Growth of the southern elephant seal, Mirounga leonina (Linn.). Bryden MM. **Growth** 33:69-82, Mar 69

Mumps in pubescent females and its effect on later reproductive function. Prinz W, et al.
Gynaecologia (Basel) 167:23-7, 1969

The age of menopause in the Netherlands. The statistical analysis of a survey. Jaszmann L, et al.
Int J Fertil 14:106-17, Apr-Jun 69

Post-pubertal acne in women. Kanof NM.
J Amer Med Wom Ass 24:301-2, Apr 69

Some effects of unilateral cryptorchism and vasectomy on sexual development of the pubescent ram and bull. Skinner JD, et al. **J Endocr** 42:311-21, Oct 68

Relationships among the pineal gland, the photoperiod, olfaction and reproduction in female rats. Reiter RJ.
J Reprod Fertil 18:152, Feb 69

Pathogenesis of acne. Cunliffe WJ, et al.
Lancet 1:685-7, 5 Apr 69

A second evaluation of the speaking fundamental frequency characteristics of post-adolescent girls. Hollien H, et al. **Lang Speech** 12:119-24, Apr-Jun 69

The onset of the diurnal rhythm in ovarian cholesterol levels in the rat, in relation to the onset of puberty and ovarian and uterine weight changes. Zarrow MX, et al.
Neuroendocrinology 4:270-7, 1969

Menarche and pubarche.
New Eng J Med 280:1483, 26 Jun 69

Relationship of pituitary prolactin and LH to mammary and uterine growth of pubertal rats during the estrous cycle. Sinha YN, et al.
Proc Soc Exp Biol Med 131:908-12, Jul 69

Office approach to the management of primary amenorrhea. McDonough PG.
Southern Med J 62:659-64, Jun 69

[Observation of genetic factors in women with habitual abortions] Černý M, et al.
Cesk Gynek 34:209-12, Apr 69 **(Cze)**

[Diagnosis: pubescence] Brtníková M.
Zdrav Prac 19:329-32 contd, Jun 69 **(Cze)**

[Diagnosis: puberty] Brtníková M.
Zdrav Prac 19:208-10 contd, Apr 69 **(Cze)**

[Diagnosis: puberty] Brtníková M.
Zdrav Prac 19:267-9 contd, May 69 **(Cze)**

[Rorschach test and study of puberty. History and review of literature] Smet W.
Nederl T Psychol 24:302-23, May-Jun 69 (65 ref.) **(Dut)**

[Biological aspects and psychological consequences of delayed puberty] Corboz RJ.
Acta Paedopsychiat (Basel) 35:282-5, Oct 68 **(Fre)**

[Policy in the presence of functional disturbances of "first periods". Puberty-nubility] Sersiron D.
Ann Pediat (Paris) 16:133-48, 2 Feb 69 **(Fre)**

[Immunologic dosage of the urinary luteinizing hormone in female, male and child] Grunewald C, et al. **Presse Med** 77:295-6, 15 Feb 69 **(Fre)**

[Influence of sex hormones on the metabolism of androgens] Mauvais-Jarvis P, et al.
Rev Franc Etud Clin Biol 14:159-68, Feb 69 **(Fre)**

[Diagnosis of primary amenorrhea] Guinet P.
Rev Lyon Med 17:969-73, 30 Dec 68 **(Fre)**

[Apropos of the development of petit mal epilepsy] Richter HR, et al.
Rev Otoneuroophtal 40:320-3, Nov 68 **(Fre)**

[The puberal dyscrinias] Held F.
Acta Paedopsychiat (Basel) 35:286-9, Oct 68 **(Ger)**

[Catamnestic statements on the course of endogenous eczema during puberty, menstruation and pregnancy] Sonneck HJ, et al.
Deutsch Gesundh 23:2376-9, 12 Dec 68 **(Ger)**

[On the nosological limitation of childhood and prepuberal schizophrenia from the catamnestic viewpoint] Eggers C, et al.
Fortschr Neurol Psychiat 37:305-18, Jun 69 **(Ger)**

[Treatment of cryptorchism in puberty] Hecker WC.
Med Klin 64:563-4, 21 Mar 69 **(Ger)**

[Don quixotism--an aspect of the male neglect] Heidtke P. **Prax Kinderpsychol** 18:66-71, Feb-Mar 69 **(Ger)**

[Deviant course of the analytic process in the opening phase. Case contribution to the influence of childhood war experiences on the neurosis of the adolescent and of the adult] Treurniet N.
Psyche (Stuttgart) 23:295-312, Apr 69 **(Ger)**

[Research on the average age of puberty in school girls in Carrara] Marubini E, et al.
Minerva Pediat 21:281-5, 18 Feb 69 **(Ita)**

[Changes in the hypothalamo-hypophyseo-gonadal system in male rats at the onset of puberty] Ishii S, et al. **Clin Endocr (Tokyo)** 17:113-8, Feb 69 **(Jap)**

[The endocrinology of puberty and adolescence. The female sex glands] Matsumoto S.
Clin Endocr (Tokyo) 17:109-12, Feb 69 **(Jap)**

[The endocrinology of puberty and adolescence. Thyroid hormone] Nakajima H, et al.
Clin Endocr (Tokyo) 17:87-94, Feb 69 (36 ref.) **(Jap)**

[The endocrinology of puberty and adolescence. Prolactin] Okamoto R.
Clin Endocr (Tokyo) 17:79-86, Feb 69 (53 ref.) **(Jap)**

[Biosynthesis and metabolism of androgens in the testis in puberty] Oshima H.
Clin Endocr (Tokyo) 17:101-7, Feb 69 **(Jap)**

[The endocrinology of puberty and adolescence. Growth hormone] Shizume K, et al.
Clin Endocr (Tokyo) 17:73-7, Feb 69 **(Jap)**

[The endocrinology of puberty and adolescence. Adrenal glands] Takeuchi S, et al.
Clin Endocr (Tokyo) 17:95-100, Feb 69 **(Jap)**

[Urinary excretion of pregnanediol in pubescent girls aged 9-12] Sikorski T, et al.
Ginek Pol 40:249-53, Mar 69 **(Pol)**

DRUG EFFECTS

Failure of androgen to affect ovulation and puberty in swine. Stratman FW, et al.
J Reprod Fertil 18:343-5, Mar 69

SEX CHROMATIN

Variability of sex chromatin counts. Chu EW, et al.
Acta Cytol (Balt) 13:72-5, Feb 69

Double aneuploidy: the frequency of XXY in males with Down's syndrome. Hecht F, et al.
Amer J Hum Genet 21:352-9, Jul 69

Cytogenetic studies in premature ovarian failure. Boczkowski K, et al.
Amer J Obstet Gynec 104:594-5, 15 Jun 69

Nature of fascia lata and its fate after implantation. Crawford JS. **Amer J Ophthal** 67:900-7, Jun 69

Sex chromatin in an Australian marsupical Perameles nasuta Geoffroy, 1804. Walton SM.
Experientia 25:535-7, 15 May 69

Triploidy in embryo cell cultures of Gallus domesticus. Chýle P, et al. **Folia Biol (Praha)** 15:232, 1969

A buccal smear survey for sex chromatin aberration in Hiroshima high school students. Omori Y, et al.
Hiroshima J Med Sci 18:21-30, Mar 69

The fine structure of pronuclear fusion in the coenocytic marine alga Bryopsis hypnoides Lamouroux. Urban P. **J Cell Biol** 42:606-11, Aug 69

Mosaicism 45,X/46,XX in two sisters. Izakovič V.
J Clin Endocr 29:863, Jun 69

Testicular hypoplasia and XXY sex chromosome complement in two rams: the ovine counterpart of Klinefelter's syndrome in man. Bruere AN, et al.
J Reprod Fertil 19:103-8, Jun 69

Female preponderance in the sex ratio during early intrauterine development: a sex chromatin study. Mikamo K. **Jap J Hum Genet** 13:272-7, Mar 69

Research in muscular dystrophy. Kakulas BA.
Med J Aust 1:959-62, 10 May 69 (45 ref.)

Observations on chromocentres in cultured mouse cells. Abercrombie M, et al.
Nature (London) 222:1250-3, 28 Jun 69

Presence of male determining factors found on three autosomes in the house fly, Musca domestica. Wagoner DE. **Nature (London)** 223:187-8, 12 Jul 69

Office approach to the management of primary amenorrhea. McDonough PG.
Southern Med J 62:659-64, Jun 69

[3 sisters with pure gonadal dysgenesis and XY karyotype] Stănesco V, et al.
Ann Endocr (Paris) 29:449-59, Jul-Aug 68 **(Fre)**

[Partial trisomy 21] Henet J, et al.
Presse Med 77:169-70, 25 Jan 69 **(Fre)**

[Cytogenetic and anatomo-clinical correlations in gonadal dysgenesis] Guinet P, et al.
Rev Lyon Med 17:995-1060, 30 Dec 68 **(Fre)**

[Triplo-X-females. Gonosomal trisomy with facultative

mental and sexual dificient development] Dapunt O, et al. **Munchen Med Wschr** 110:1006-11, 19 Apr 68 **(Ger)**
[On the question of sex chromatin incidence of vaginal smears in newborn girls] Golob E, et al. **Wien Klin Wschr** 80:979-81, 27 Dec 68 **(Ger)**
[Histological and histochemical properties of the breast sections] Koyama M. **Yonago Acta Med** 13:1-23, Feb 69 **(Ger)**
[45-XO gonadal dysgenesis with predominantly monolateral manifestation] Lenzi G. **Arch De Vecchi Anat Pat** 50:311-23, Nov 67 **(Ita)**
[The study of sex chromatin in teratomatous tumors of the testis] Ponticelli D. **Rass Int Clin Ter** 49:423-8, 15 Apr 69 **(Ita)**
[Technics for sex chromatin and chromosome analysis] Tamura S, et al. **Jap J Clin Med** 27:306-12, Feb 69 **(Jap)**
[The relationship between sex chromatin content and clinical course in cancer of the mammary glands] Shevchenko IT, et al. **Vop Onkol** 14:18-22, 1968 **(Rus)**
[Monosomy X in the mosaic. I(XO-XX, XO-XXX, XO-XX-XXX)] Izakovič V. **Bratisl Lek Listy** 51:725-33, 1969 **(Slo)**
[Monosomy X (karyotype 45, X)] Izakovič V. **Bratisl Lek Listy** 51:589-99, 1969 **(Slo)**

ABNORMALITIES

[Essential dwarfism and XO-XX mosaicism] Aubert L, et al. **Presse Med** 77:1051-2, 14 Jun 69 **(Fre)**

ANALYSIS

Protein transformations during differentiation of trout testis. Dixon GH, et al. **Canad Cancer Conf** 8:76-102, 1969
Viable aortic valve heterotransplantation. Mohri H, et al. **Circulation** 39:Suppl:31-8, May 69
[On the prevalence of "drumsticks" and "sessile nodules" in normal persons and patients with numerical X-chromosome aberrations] Zernahle K. **Deutsch Gesundh** 23:1502-5, 8 Aug 68 **(Ger)**
[Sex chromatin in malignant tumors] Kallenberger A. **Praxis** 58:736-9, 10 Jun 69 **(Ger)**
[The results of the treatment of carcinoma of the female breast with contrasexual hormones, with particular reference to Barr's nuclear body] Schöll A, et al. **Verh Deutsch Ges Path** 52:426-30, 1968 **(Ger)**
[Prenatal cytogenetic diagnostic methods] Egozcue J, et al. **Sangre (Barc)** 14:83-90, 1969 **(Spa)**

METABOLISM

Incorporation of tritium of 3H-arginine into DNA as the explanation of "late synthesis of protein" on the human X chromosome. Comings DE. **Nature (London)** 221:570, 8 Feb 69
Chromatin and histones: binding of tritiated actinomycin D to heterochromatin in mealy bugs. Berlowitz L, et al. **Science** 164:1527-9, 27 Jun 69

RADIATION EFFECTS

[Effects of ultraviolet micro-irradiation on differents parts of the cell. I. Electron microscopic study of serial and sagittal sections] Moreno G, et al. **Exp Cell Res** 56:75-83, Jul 69 **(Fre)**

SEX CHROMOSOMES

The metabolic significance of thyroxine-binding globulin. Studies in a family with decreased thyroxine-binding globulin. Bayley TA, et al. **Acta Endocr (Kobenhavn)** 61:137-50, May 69
Statistical analysis of the normal human karyotype. Bender MA, et al. **Amer J Hum Genet** 21:322-51, Jul 69
Double aneuploidy: the frequency of XXY in males with Down's syndrome. Hecht F, et al. **Amer J Hum Genet** 21:352-9, Jul 69
A method for the detection of the contribution of X heterosis to female survival by comparison of sex ratios of offspring from consanguineous matings. Hook EB. **Amer J Hum Genet** 21:290-3, May 69
X-chromosomal inheritance of liver glycogenosis with phosphorylase kinase deficiency. Huijing F, et al. **Amer J Hum Genet** 21:275-84, May 69
A marker X chromosome. Lubs HA. **Amer J Hum Genet** 21:231-44, May 69
Competition for mating between ordinary and supermale Japanese medaka fish. Hamilton JB, et al. **Anim Behav** 17:168-76, Feb 69
Biological behavior of lymphocytes in Hunter-Hurler's disease. Zelson J, et al. **Arch Neurol (Chicago)** 20:358-61, Apr 69
Quantitative measurements in female siblings and mothers of boys with Duchenne dystrophy. Fowler WM Jr, et al. **Arch Phys Med** 50:301-10, Jun 69
Female susceptibility to cancer and other diseases as indicated by British and European mortality rates. Stocks P. **Brit J Cancer** 23:254-68, Jun 69
Chromosome relationships in some North American scarabaeoid beetles, with special reference to Pleocoma and Trox. Virkki N. **Canad J Genet Cytol** 9:107-25, Mar 67
Skin, heredity, and cancer. Lynch HT. **Cancer** 24:277-88, Aug 69 (114 ref.)
Structure of chromosomes. I. Morphological studies of the spiral structure of human somatic chromosomes. Ohnuki Y. **Chromosoma** 25:402-28, 1968
Response of agammaglobulinaemic lymphocytes in mixed lymphocyte culture. Lieber E, et al. **Clin Exp Immun** 4:83-91, Jan 69
Sex differences in development. Robinson A. **Develop Med Child Neurol** 11:245-6, Apr 69
Further discoveries on the 4 c-sec rhythm. Bushart W. **Electroenceph Clin Neurophysiol** 26:445, Apr 69
Familial investigation of the 4-5 c-sec variation of the basic rhythm. Kuhlo W, et al. **Electroenceph Clin Neurophysiol** 26:445, Apr 69
Similarity in base composition of heterochromatic and euchromatic DNA in Drosophila melanogaster. Perreault WJ, et al. **Genetics** 60:289-301, Oct 68
Mutants affecting meiosis in natural populations of Drosophila melanogaster. Sandler L, et al. **Genetics** 60:525-58, Nov 68
Dosage at the scute locus, and canalisation of anterior and posterior scutellar bristles in Drosophila melanogaster. Scowcroft WR, et al. **Genetics** 60:373-88, Oct 68
Cattanach's translocation as a tool for studying the action of the shaker-1 gene in the mouse. Deol MS, et al. **J Exp Zool** 170:301-9, Mar 69
Thyroxine binding globulin deficiency. Constitutional growth retardation erroneously diagnosed as isolated thyrotropin deficiency. Nikolai TF. **J Pediat** 75:130-2, Jul 69
Genetic content and buoyant density of rabbit spermatozoa. Beatty RA. **J Reprod Fertil** 19:379-84, Jul 69
Repeated abortions in a woman with XO-XX mosaicism. Predescu V, et al. **Lancet** 2:217, 26 Jul 69
XYY karyotype in monozygotic twins. Rainer JD, et al. **Lancet** 2:60, 5 Jul 69
Genetic and environmental factors in profound prelingual deafness. Brown KS. **Med Clin N Amer** 53:741-72, Jul 69 (64 ref.)
Human polymorphism. Townes PL. **Med Clin N Amer** 53:887-901, Jul 69 (116 ref.)
The mutational spectrum produced in Drosophila by N-methyl-N'-nitro-N-nitrosoguanidine. Browning LS. **Mutat Res** 8:157-64, Jul-Aug 69
The modification of x-ray-induced chromosome changes with anoxia in different oocyte stages of Drosophila melanogaster. Seeley BA, et al. **Mutat Res** 7:225-30, Mar-Apr 69
Non-random x-inactivation in the female mule. Hamerton JL, et al. **Nature (London)** 222:1277-8, 28 Jun 69
Do genes determine sex? Mittwoch U. **Nature (London)** 221:446-8, 1 Feb 69
Some aspects of ocular heredity diseases. Krill AE. **Proc Inst Med Chicago** 27:152-3, Nov 68
Some current problems in population cytogenetics. Rowley JD. **Proc Inst Med Chicago** 27:149-51, Nov 68
Dosage compensation for enzyme activities in Drosophila melanogaster. Seecof RL, et al. **Proc Nat Acad Sci USA** 62:528-35, Feb 69
Radiosensitivity of Drosophila spermatogonia. IV. Mutation induction in synchronous embryos. Oftedal P. **Scand J Clin Lab Invest** 22:Suppl 106:97+, 1968
An attempt to produce chromosome translocations in Glossina austeni. Curtis CF. **Trans Roy Soc Trop Med Hyg** 63:129-30, 1969
Exceptions to the genetic rules of transplantation. Hildemann WH. **Transplantation** 8:76-7, Jul 69
[3 sisters with pure gonadal dysgenesis and XY karyotype] Stănesco V, et al. **Ann Endocr (Paris)** 29:449-59, Jul-Aug 68 **(Fre)**
[A better technic for the study of male meiosis and particularly the mode of association of sex

chromosomes] Corin-Frederic J.
Genetica 39:345-50, 1968 **(Fre)**
[Hereditary anomalies of globulin transporting thyroxine] David M.
Pediatrie 24:491-3, Jun 69 (7 ref.) **(Fre)**
[Partial trisomy 21] Henet J, et al.
Presse Med 77:169-70, 25 Jan 69 **(Fre)**
[A sex-linked disorder: hereditary osteodysplastic geroderma (20 years of observation)] Klein D, et al.
Rev Otoneuroophtal 40:415-21, Nov 68 **(Fre)**
[Existence of 2 distinct species, one chromosomically polymorphous, in Mus indiens booduga. Cytogenetic and taxonomic study] Matthey R, et al.
Rev Suisse Zool 75:461-98, Sep 68 **(Fre)**
[XYY constitution] Berger R.
Sem Hop Paris 44:3223-6, 14 Dec 68 (48 ref.) **(Fre)**
[Pelger-Huët nuclear anomaly in childhood and its genetic relations] Kálmán E, et al.
Acta Paediat Acad Sci Hung 10:65-72, 1969 **(Ger)**

DRUG EFFECTS

The mutagenic activity of the pyrrolizidine alkaloid heliotrine in Drosophila melanogaster. II. Chromosome rearrangements. Brink NG.
Mutat Res 8:139-46, Jul-Aug 69

METABOLISM

Late DNA replication pattern in sex chromosomes of Melandrium. Choudhuri HC.
Canad J Genet Cytol 11:192-8, Mar 69
Changes of DNA replication behavior associated with intragenic changes of the white region in Drosophila melanogaster. Arcos-Terán L, et al.
Chromosoma 25:377-91, 1968

PHYSIOLOGY

Models for cytogenetics and embryology. Benirschke K. **Fed Proc** 28:170-8, Jan-Feb 69 (76 ref.)

RADIATION EFFECTS

Radiation-induced loss of ring-X chromosomes in the germ cells of Drosophila melanogaster males. Leigh B.
Mutat Res 8:101-9, Jul-Aug 69
A study of the causes underlying the differences in radiosensitivity between mature spermatozoa and late spermatids in Drosophila. Sobels FH.
Mutat Res 8:111-25, Jul-Aug 69

SEX DETERMINATION

Recent developments in the identification of human skeletal material. Bass WM.
Amer J Phys Anthrop 30:459-61, May 69
Do genes determine sex? Mittwoch U.
Nature (London) 221:446-8, 1 Feb 69
Presence of male determining factors found on three autosomes in the house fly, Musca domestica. Wagoner DE. **Nature (London)** 223:187-8, 12 Jul 69
[Meaning of the foeto-placental unit in the steroid metabolism] Rappaport R.
Ann Pediat (Paris) 16:62-4, 2 Jan 69 **(Fre)**
[Descriptive study of the development of genital apparatus in the embryo of aspic viper (Vipera aspic L.)] Gil-Alvaro MC, et al.
Arch Anat Micr Morph Exp 57:329-44, Oct-Dec 68 **(Fre)**
[Nucleocytoplasmic relations in primary spermatogonia of Triturus helveticus Raz. during their development] Sentein P, et al.
C R Acad Sci [D] (Paris) 268:540-2, 20 Jan 69 **(Fre)**
[The study of sex chromatin in teratomatous tumors of the testis] Ponticelli D.
Rass Int Clin Ter 49:423-8, 15 Apr 69 **(Ita)**
[Determination of the sex of human beings] Spodaryk A. **Pieleg Poloz** 1:15, Jan 69 **(Pol)**
[The role of teeth in the determination of sex and age] Abolmasov NG.
Stomatologiia (Moskva) 48:78-9, May-Jun 69 **(Rus)**

PLACENTA

I. Physical and Functional Aspects of the Placenta

PLACENTA

ANALYSIS

Feto-maternal exchange of RHISA and hippuran-I-131. Laakso L, et al. **Ann Chir Gynaec Fenn** 57:463-6, 1968

Placental hypertrophy in the rat induced by ovariectomy. Pulkkinen MO, et al. **J Reprod Fertil** 18:125-7, Feb 69

Characterization and properties of a new placental protein. Beas F, et al. **Nature (London)** 221:574, 8 Feb 69

The detection of transplantation antigens in leukocytes. Rood JJ van, et al. **Progr Surg** 7:217-52, 1969 (98 ref.)

[Recent data on serotonin] Arnaud JL, et al. **Rev Lyon Med** 17:897-923, 15 Dec 68 (246 ref.) **(Fre)**

[Studies on the question of fibrinolytic factors in the placenta] Halberstadt E, et al. **Arch Gynaek** 206:450-5, 1968 **(Ger)**

[Behavior of glycogen and PAS-positive substances in human placenta in various stages of its development] Jonek J, et al. **Ginek Pol** 40:363-70, 1969 **(Pol)**

ENZYMOLOGY

Histochemical investigation of the thermostable alkaline phosphatase in the normal full-term placenta. Jensen H, et al. **Acta Obstet Gynec Scand** 47:436-42, 1968

Metabolism of pregnenolone by the human placenta. Singh KB. **Amer J Obstet Gynec** 104:605-6, 15 Jun 69

A souble 17 beta-hydroxysteroid dehydrogenase from human placenta. The binding of pyridine nucleotides and steroids. Jarabak J, et al. **Biochemistry (Wash)** 8:2203-12, May 69

Viral haemagglutination inhibitory potency of human placental alkaline phosphatase. Ghosh NK, et al. **Biochim Biophys Acta** 177:565-71, 6 May 69

Evaluation of a rapid enzymatic method for determining placental function. Klimek R, et al. **Clin Chim Acta** 24:349-52, Jun 69

Serum alkaline phosphatase and 5'-nucleotidase levels during normal pregnancy. Seitanidis B, et al. **Clin Chim Acta** 25:183-4, Jul 69

Purification and some properties of a soluble DNA-dependent RNA polymerase from nuclei of human placenta. Mertelsmann R. **Europ J Biochem** 9:311-8, Jun 69

Placental alkaline phosphatase types in Japanese. Blake NM, et al. **Jap J Hum Genet** 13:243-8, Mar 69

Halogen substituted derivatives of acetylcholine as inhibitors of choline acetyltransferase. Morris D, et al. **Life Sci** 8:511-6, 15 May 69

Absence of L-asparaginase in placenta. Rubini JR, et al. **Rev Franc Etud Clin Biol** 14:276, Mar 69

[Meaning of the foeto-placental unit in the steroid metabolism] Rappaport R. **Ann Pediat (Paris)** 16:62-4, 2 Jan 69 **(Fre)**

[Alkaline phosphatase activity in lung tissues of XVII-G and C57BL mice] Griciute L, et al. **Rev Franc Etud Clin Biol** 14:75-80, Jan 69 **(Fre)**

[Enzyme histochemical studies on the villous capillaries of the human placenta in 3 months of pregnancy] Krauer F. **Gynaecologia (Basel)** 167:43-55, 1969 **(Ger)**

METABOLISM

Metabolism of pregnenolone by the human placenta. Singh KB. **Amer J Obstet Gynec** 104:605-6, 15 Jun 69

Comparison of in vitro and in vivo placental permeability measurements. Battaglia FC, et al. **Amer J Physiol** 216:1590-4, Jun 69

Formation of 16-dehydroprogesterone by the midgestation human placenta in vivo. Reynolds JW, et al. **Biochim Biophys Acta** 176:886-8, 10 Jun 69

Stereochemistry of estrogen biosynthesis. Fishman J, et al. **J Amer Chem Soc** 91:2805-6, 7 May 69

Ontogenesis of immunoreactive growth hormone, follicle-stimulating hormone, thyroid-stimulating hormine, luteinizing hormone, chorionic prolactin and chorionic gonadotropin in the human conceptus. Gitlin D, et al. **J Clin Endocr** 29:926-35, Jul 69

Development of endocrine function in the human placenta and fetus (first of two parts). Villee DB. **New Eng J Med** 281:473-84, 28 Aug 69 (88 ref.)

The role of transferrin in placental iron transfer in the rabbit. Baker E, et al. **Quart J Exp Physiol** 54:173-86, Apr 69

The occurrence of 17-beta-hydroxy-C18-steroid oxidoreductase activity in sheep fetal blood. Findlay JK, et al. **Steroids** 13:763-72, Jun 69

[Meaning of the foeto-placental unit in the steroid metabolism] Rappaport R. **Ann Pediat (Paris)** 16:62-4, 2 Jan 69 **(Fre)**

[Distribution studies on placental transfer of 131-J-streptokinase during labour] Pfeifer GW, et al. **Arch Gynaek** 207:550-8, 1969 **(Ger)**

[On the ultrastructure of human placental villi] Widmaier G. **Arch Gynaek** 207:513-27, 1969 **(Ger)**

[Influence of hydrocortisone on the nuclear RNA synthesis and protein synthesis of the placenta and the maternal and fetal liver in rats] Orlandi C, et al. **Ann Ostet Ginec** 90:853-63, Dec 68 **(Ita)**

[Estriol as a function of the feto-placentar unity. I. Biosynthesis, excretion and metabolism of estriol in normal course of pregnancy] Vizzone A, et al. **Quad Clin Ostet Ginec** 22:633-53, Sep 67 (111 ref.) **(Ita)**

[Human chorionic gonadotropins] Wawryk R, et al. **Ginek Pol** 40:453-60, 1969 (114 ref.) **(Pol)**

[Effects of cold, formaldehyde and anoxia on the lipids and glycogen in placentas of pregnant rats (Rattus norvegicus albinus, Rodentia, Mammalis)] Almeida PA de. **Matern Infanc (S Paulo)** 27:237-62, Jul-Sep 68 **(Por)**

PHYSIOLOGY

The vaginal cytology following intra-amnionic injection of hypertonic solutions in the second trimester of pregnancy. Bercovici B, et al. **Acta Cytol (Balt)** 13:99-103, Feb 69

Glucose concentration gradients across the uterus and placenta of the pregnant primate. Hinkley CM, et al. **Amer J Obstet Gynec** 104:893-7, 15 Jul 69

Fibrinolytic enzyme system and pregnancy. Bonnar J, et al. **Brit Med J** 3:387-9, 16 Aug 69

Placental hypertrophy in the rat induced by ovariectomy. Pulkkinen MO, et al. **J Reprod Fertil** 18:125-7, Feb 69

Fetal-maternal lymphocyte transfer. Anderson JM. **Lancet** 1:1266-7, 21 Jun 69

Serum placental lactogen (HPL) levels as an index of placental function. Saxena BN, et al. **New Eng J Med** 281:225-31, 31 Jul 69

New facets of a chorionic polypeptide--HPL. Villee DB.
New Eng J Med 281:268-9, 31 Jul 69
The luteo-placental shift, the guardian of pre-natal life. Csapo A. **Postgrad Med J** 45:57-64, Jan 69
The importance of progesterone in the maintenance of pregnancy in the sheep. Schofield BM.
Postgrad Med J 45:68-9, Jan 69
[Why does human milk begin to flow 3 days at the earliest following delivey?] Knaus HH.
Med Klin 63:749-50 passim, 10 May 68 (Ger)

PHYSIOPATHOLOGY

Serial hormonal studies in normal and abnormal pregnancy. Samaan NA, et al.
Amer J Obstet Gynec 104:781-94, 15 Jul 69
The urinary excretion of oestriol after intra-amniotic injection of oestriol sulphate as a test of placental function. Klopper A, et al.
J Obstet Gynaec Brit Comm 76:534-7, Jun 69
[Problems of perinatology from the viewpoint of the obstetrician] Herrmann U.
Geburtsh Frauenheilk 29:391-404, Apr 69 (Ger)
[Blood coagulation disorders due to premature loosening of the placenta (presentation of a case and its clinico-pathological report)] Valente CA, et al.
Matern Infanc (S Paulo) 27:313-26, Oct-Dec 68 (Por)

SECRETION

Placental hormone activity after removal of the fetus in a case of advanced abdominal pregnancy. Friedman S, et al. **J Obstet Gynaec Brit Comm** 76:554-8, Jun 69
[On the ultrastructure of human placental villi] Widmaier G. **Arch Gynaek** 207:513-27, 1969 (Ger)

PLACENTA

II. Disorders of the Placenta

CHORIOCARCINOMA

Hormonal, immunologic, and chemotherapeutic studies of transplantable human choriocarcinoma. Lewis JL Jr, et al. **Amer J Obstet Gynec** 104:472-8, 15 Jun 69

Metastatic neoplasms of the brain in Nigeria. Adeloye A, et al. **Brit J Cancer** 23:340-8, Jun 69

[Ovarian chorionepithelioma in a 14-year-old girl] Abucewicz S, et al. **Wiad Lek** 22:949-50, 15 May 69 (Pol)

[Chorionepithelioma of the lung in a male] Datkhaev Iul. **Grudn Khir** 9:109, May-Jun 67 (Rus)

COMPLICATIONS

Sustained remissions after chemotherapy for primary ovarian cancers containing choriocarcinoma. Wider JA, et al. **New Eng J Med** 280:1439-42, 26 Jun 69

[Chorio-epithelioma tous thrombosis of the pulmonary artery] Roujeau J, et al. **J Franc Med Chir Thorac** 21:305-12, Apr 67 (Fre)

DIAGNOSIS

[Progress in the diagnosis and therapy of trophoblastic tumors] Onnis A. **Minerva Ginec** 19:928-33, 30 Sep 67 (Ita)

[Importance of the immunologic tests for the dosage of HCG in the diagnosis of trophoblastic tumors and in the control of the therapeutic response] Pàstina R, et al. **Minerva Ginec** 19:933, 30 Sep 67 (Ita)

DRUG THERAPY

The use of cytostatic drugs in the treatment of trophoblastic neoplasia. Akasu F, et al. **Acta Obstet Gynaec Jap** 16:108-17, Apr 69

Hormonal, immunologic, and chemotherapeutic studies of transplantable human choriocarcinoma. Lewis JL Jr, et al. **Amer J Obstet Gynec** 104:472-8, 15 Jun 69

Sustained remissions after chemotherapy for primary ovarian cancers containing choriocarcinoma. Wider JA, et al. **New Eng J Med** 280:1439-42, 26 Jun 69

[Importance of the immunologic tests for the dosage of HCG in the diagnosis of trophoblastic tumors and in the control of the therapeutic response] Pàstina R, et al. **Minerva Ginec** 19:933, 30 Sep 67 (Ita)

[On a case of teratochorionepithelioma of the testis treated medically] Pàstina R, et al. **Minerva Ginec** 19:937-8, 30 Sep 67 (Ita)

[Drug therapy in choriocarcinoma] Rudolph KM, et al. **Matern Infanc (S Paulo)** 27:401-7, Oct-Dec 68 (Por)

FAMILIAL & GENETIC

Alterations in chromosomes and DNA content in gynecologic neoplasms. Richart R, et al. **Amer J Obstet Gynec** 104:463-71, 15 Jun 69 (53 ref.)

IMMUNOLOGY

Hormonal, immunologic, and chemotherapeutic studies of transplantable human choriocarcinoma. Lewis JL Jr, et al. **Amer J Obstet Gynec** 104:472-8, 15 Jun 69

Immunological studies of choriocarcinoma. IV. The antigenicity of trophoblast. Májský A, et al. **Neoplasma (Bratisl)** 16:63-9, 1969

PATHOLOGY

In vitro studies of human trophoblast. Chung HK, et al. **Amer J Obstet Gynec** 104:945-52, 1 Aug 69

Homologous tumours of the testis and the ovary. Bhargava MK, et al. **Indian J Cancer** 5:291-300, Dec 68

[Trophoblast from the viewpoint of precancerous conditions] Snaid V, et al. **Cesk Gynek** 34:277-9, May 69 (Cze)

[On primary neoplasms of the testis (anatomopathological and histogenetic contribution)] Anardi V. **Rass Int Clin Ter** 47:1131-49, 31 Oct 67 (Ita)

[Clinical and morphological studies on the hypertrophy and neoplasms of the chorion] Cekański A, et al. **Pol Tyg Lek** 24:470-3, 31 Mar 69 (Pol)

PREVENTION & CONTROL

[Trophoblast from the viewpoint of precancerous conditions] Snaid V, et al. **Cesk Gynek** 34:277-9, May 69 (Cze)

RADIOGRAPHY

Foot lymphography in the testis tumor patient. A review of fifty cases. Fein RL, et al. **Cancer** 24:248-55, Aug 69

[The significance of lymphography in the diagnosis and treatment of malignant testicular tumors] Burgener F, et al. **Schweiz Med Wschr** 99:764-74, 24 May 69 (Ger)

RADIOTHERAPY

Lymphadenectomy and radiation therapy in malignant tumors of the testicle other than pure seminoma. Castro JR. **Cancer** 24:87-91, Jul 69

[The significance of lymphography in the diagnosis and treatment of malignant testicular tumors] Burgener F, et al. **Schweiz Med Wschr** 99:764-74, 24 May 69 (Ger)

[Various problems in the treatment of chorionepithelioma] Davidenko AA. **Vop Onkol** 15:28-32, 1969 (Rus)

SURGERY

Lymphadenectomy and radiation therapy in malignant tumors of the testicle other than pure seminoma. Castro JR. **Cancer** 24:87-91, Jul 69

[The significance of lymphography in the diagnosis and treatment of malignant testicular tumors] Burgener F, et al. **Schweiz Med Wschr** 99:764-74, 24 May 69 (Ger)

[Drug therapy in choriocarcinoma] Rudolph KM, et al. **Matern Infanc (S Paulo)** 27:401-7, Oct-Dec 68 (Por)

[Various problems in the treatment of chorionepithelioma] Davidenko AA. **Vop Onkol** 15:28-32, 1969 (Rus)

THERAPY

[Low folic acid diet in malignant tumors] Schmidt CG. **Deutsch Med Wschr** 94:1342, 20 Jun 69 (Ger)

[Contribution on the clinical aspects and therapy of testicular tumors] Röhl L, et al. **Urologe** 7:311-5, Nov-Dec 68 (Ger)

[Various problems in the treatment of chorionepithelioma] Davidenko AA. **Vop Onkol** 15:28-32, 1969 (Rus)

URINE

Physicochemical studies of human chorionic gonadotropin. Takagi Y, et al. **Acta Obstet Gynaec Jap** 16:64-5, Jan 69

HYDATIDIFORM MOLE

Comparative study of immunological tests for pregnancy diagnosis. Bell JL. **J Clin Path** 22:79-83, Jan 69

Hydatidiform mole, co-existent with a viable pregnancy. Osborne C. **Nurs Mirror** 128:35-7, 23 May 69

[Considerations on dental treatments during pregnancy] Leal JB, et al. **Rev Stomat (Paris)** 69:703-8, Dec 68 (Fre)

[Progress in the diagnosis and therapy of trophoblastic tumors] Onnis A. **Minerva Ginec** 19:928-33, 30 Sep 67 (Ita)

[Importance of the immunologic tests for the dosage of HCG in the diagnosis of trophoblastic tumors and in the control of the therapeutic response] Pàstina R, et al. **Minerva Ginec** 19:933, 30 Sep 67 (Ita)

BLOOD

[Radioimmunoassay of thyrotropin (TSH) in human plasma] Freychet P, et al.
Presse Med 77:13-6, 4 Jan 69 (Fre)
[Studies on fibrinolytic activity in abortion and stillbirth] Nakai S.
J Tokyo Med Coll 27:23-45, Jan 69 (Jap)

DIAGNOSIS

Transillumination of the fundus using the light coagulator. Abrams JD.
Trans Ophthal Soc UK 87:163-9, 1967

FAMILIAL & GENETIC

Alterations in chromosomes and DNA content in gynecologic neoplasms. Richart R, et al.
Amer J Obstet Gynec 104:463-71, 15 Jun 69 (53 ref.)

IMMUNOLOGY

Immunological studies of choriocarcinoma. IV. The antigenicity of trophoblast. Májský A, et al.
Neoplasma (Bratisl) 16:63-9, 1969

METABOLISM

Formation of 17alpha-hydroxy-pregnenolone, 17alpha-hydroxy-progesterone and progesterone by hydatidiform moles in vitro. Leusden HA van, et al.
Acta Endocr (Kobenhavn) 61:68-75, May 69
Steroidogenesis in a case of hydatidiform mole. Coutts JR, et al. **J Endocr 43:27-8, Jan 69**

OCCURRENCE

Malignant abdominal neoplasms in childhood. Slim MS, et al. **Amer J Surg 118:75-82, Jul 69**

PATHOLOGY

In vitro studies of human trophoblast. Chung HK, et al.
Amer J Obstet Gynec 104:945-52, 1 Aug 69
[Trophoblast from the viewpoint of precancerous conditions] Snaid V, et al.
Cesk Gynek 34:277-9, May 69 (Cze)
[Clinical and morphological studies on the hypertrophy and neoplasms of the chorion] Cekański A, et al.
Pol Tyg Lek 24:470-3, 31 Mar 69 (Pol)

PREVENTION & CONTROL

[PROPOS OF THE PREVENTION OF MOLES] Mey R.
Folia Clin Int (Barc) 17:264-5, May 67 (Spa)

URINE

Physicochemical studies of human chorionic gonadotropin. Takagi Y, et al.
Acta Obstet Gynaec Jap 16:64-5, Jan 69

PLACENTA

ABNORMALITIES

Models for cytogenetics and embryology. Benirschke K. **Fed Proc 28:170-8, Jan-Feb 69 (76 ref.)**
Transplacental infection of the mouse fetus by Coxsackie viruses. Selzer G.
Israel J Med Sci 5:125-7, Jan-Feb 69

TROPHOBLASTIC TUMOR

[Trophoblastic tumor and its treatment] Mahon R, et al.
Maroc Med 49:26-30, Jan 69 (Fre)

CLASSIFICATION

[Progress in the diagnosis and therapy of trophoblastic tumors] Onnis A.
Minerva Ginec 19:928-33, 30 Sep 67 (Ita)

DIAGNOSIS

[Progress in the diagnosis and therapy of trophoblastic tumors] Onnis A.
Minerva Ginec 19:928-33, 30 Sep 67 (Ita)
[Importance of the immunologic tests for the dosage of HCG in the diagnosis of trophoblastic tumors and in the control of the therapeutic response] Pàstina R, et al. **Minerva Ginec 19:933, 30 Sep 67 (Ita)**

DRUG THERAPY

The use of cytostatic drugs in the treatment of trophoblastic neoplasia. Akasu F, et al.
Acta Obstet Gynaec Jap 16:108-17, Apr 69

ENZYMOLOGY

[Value of vaginal cytology in the diagnosis of trophoblastic tumors] Marconato A.
Minerva Ginec 19:939, 30 Sep 67 (Ita)

FAMILIAL & GENETIC

Cytogenetics and abortion. Thiede HA.
Med Clin N Amer 53:773-94, Jul 69 (108 ref.)

IMMUNOLOGY

Immunological studies of choriocarcinoma. IV. The antigenicity of trophoblast. Májský A, et al.
Neoplasma (Bratisl) 16:63-9, 1969

MORTALITY

The use of cytostatic drugs in the treatment of trophoblastic neoplasia. Akasu F, et al.
Acta Obstet Gynaec Jap 16:108-17, Apr 69

PATHOLOGY

[Progress in the diagnosis and therapy of trophoblastic tumors] Onnis A.
Minerva Ginec 19:928-33, 30 Sep 67 (Ita)

RADIOGRAPHY

[Progress in the diagnosis and therapy of trophoblastic tumors] Onnis A.
Minerva Ginec 19:928-33, 30 Sep 67 (Ita)

SURGERY

The use of cytostatic drugs in the treatment of trophoblastic neoplasia. Akasu F, et al.
Acta Obstet Gynaec Jap 16:108-17, Apr 69
[Progress in the diagnosis and therapy of trophoblastic tumors] Onnis A.
Minerva Ginec 19:928-33, 30 Sep 67 (Ita)

III. *Placental Hormones, Precursors, Metabolites and Synthetic Analogs*

GONADOTROPINS, CHORIONIC

Infertility of mice induced by antibodies specific for human chorionic gonadotrophin. Schlumberger HD, et al. **Acta Endocr (Kobenhavn)** 60:681-8, Apr 69

Induction of polycystic ovarian disease in rats by continuous light. 3. Mechanism of ovarian compensatory hypertrophy and ovulation after unilateral oophorectomy. Singh KB. **Amer J Obstet Gynec** 104:1008-11, 1 Aug 69

Radioimmunoassay of luteinising hormone in human serum. Lazarus L, et al. **Aust J Exp Biol Med Sci** 46:791-4, Dec 68

Collaborative bioassay of follicle stimulating hormone by the hypophysectomised mouse uterus augmentation assay. Martin FI, et al. **Aust J Exp Biol Med Sci** 47:281-2, Apr 69

Molecular weight of human placental lactogen investigated by gel filtration. Andrews P. **Biochem J** 111:799-800, Mar 69

Antigenic structure of human gonadotropins: contribution of carbohydrate moiety to the antigenic structure of pituitary follicle-stimulating hormone. Mori KF. **Endocrinology** 85:330-6, Aug 69

Cyclic 3',5'-AMP and ovarian ascorbate depletion. Cooper JM, et al. **J Endocr** 43:xxxix-xl, Jan 69

Effect of progesterone and hypothalamic stimulation on LH release at different stages of the oestrous cycle in the rat. Kaasjager WA. **J Endocr** 43:xix-xx, Jan 69

Effects of intravenous cupric sulphate on hypophysial activity in the female rat. Hiroi M, et al. **J Reprod Fertil** 18:439-44, Apr 69

Pituitary levels of FSH and LH at various intervals after ovariectomy in the rat. Labhsetwar AP. **J Reprod Fertil** 18:531-3, Apr 69

Effects of antiserum to human chorionic gonadotropin on the spermatogenesis of hypophysectomized rats injected with pregnant mare serum gonadotropin. Ogasa A, et al. **Nat Inst Anim Health Quart (Tokyo)** 9:45-52, Spring 69

[Radio-immunologic determination of gonadotropins] Franchimont P. **Ann Endocr (Paris)** 29:403-31, Jul-Aug 68 **(Fre)**

[Immunologic dosage of the urinary luteinizing hormone in female, male and child] Grunewald C, et al. **Presse Med** 77:295-6, 15 Feb 69 **(Fre)**

[Quantitative determination of pregnancy-specific antigens in the urine by means of hemagglutination inhibition] Freimuth U, et al. **Acta Biol Med German** 21:859-64, 1968 **(Ger)**

[Pregnancy interruption by anti RCG in rats] Förster O, et al. **Z Geburtsh Gynaek** 170:47-55, 1969 **(Ger)**

[Biosynthesis and metabolism of androgens in the testis in puberty] Oshima H. **Clin Endocr (Tokyo)** 17:101-7, Feb 69 **(Jap)**

[Experiment in purifying FSH using anti-HCH serum] Yaoi Y. **J Jap Obstet Gynec Soc** 21:163-72, Feb 69 **(Jap)**

[Human chorionic gonadotropins] Wawryk R, et al. **Ginek Pol** 40:453-60, 1969 (114 ref.) **(Pol)**

ADMINISTRATION & DOSAGE

Urinary testosterone response to human chorionic gonadotropin. Evaluation of male patients with hypogonadotropic hypogonadism. Fariss BL, et al. **Fertil Steril** 20:632-8, Jul-Aug 69

Persistent estrus: an experimental model of the polycystic ovary syndrome. Singh KB. **Obstet Gynec Survey** 24:2-17, Jan 69 (111 ref.)

ADVERSE EFFECTS

Chorionic gonadotropin in obesity. Further clinical observations. Gusman HA. **Amer J Clin Nutr** 22:686-95, Jun 69

Urinary testosterone response to human chorionic gonadotropin. Evaluation of male patients with hypogonadotropic hypogonadism. Fariss BL, et al. **Fertil Steril** 20:632-8, Jul-Aug 69

[Treatment of testicular malposition] Becker H, et al. **Med Klin** 64:644-8, 4 Apr 69 **(Ger)**

[Lutein cyst formation of the ovaries with perforation and acute abdomen following HMG-HCG treatment] Friedrich F, et al. **Wien Klin Wschr** 81:318-20, 2 May 69 **(Ger)**

ANALYSIS

Physicochemical studies of human chorionic gonadotropin. Takagi Y, et al. **Acta Obstet Gynaec Jap** 16:64-5, Jan 69

Evaluation of a direct agglutination latex particle test for human chorionic gonadotropin. Bermes EW Jr, et al. **Amer J Obstet Gynec** 104:865-70, 15 Jul 69

In vitro studies of human trophoblast. Chung HK, et al. **Amer J Obstet Gynec** 104:945-52, 1 Aug 69

Molecular weight of human placental lactogen investigated by gel filtration. Andrews P. **Biochem J** 111:799-800, Mar 69

Menarche and pubarche. **New Eng J Med** 280:1483, 26 Jun 69

[Importance of the immunologic tests for the dosage of HCG in the diagnosis of trophoblastic tumors and in the control of the therapeutic response] Pâstina R, et al. **Minerva Ginec** 19:933, 30 Sep 67 **(Ita)**

BIOSYNTHESIS

Animal cell cultures as a source of hormones. Tashjian AH Jr. **Biotechn Bioengin** 11:109-26, Mar 69

Ontogenesis of immunoreactive growth hormone, follicle-stimulating hormone, thyroid-stimulating hormine, luteinizing hormone, chorionic prolactin and chorionic gonadotropin in the human conceptus. Gitlin D, et al. **J Clin Endocr** 29:926-35, Jul 69

Development of endocrine function in the human placenta and fetus (first of two parts). Villee DB. **New Eng J Med** 281:473-84, 28 Aug 69 (88 ref.)

[Human chorionic gonadotropins] Wawryk R, et al. **Ginek Pol** 40:453-60, 1969 (114 ref.) **(Pol)**

[Ectopic endocrine syndromes] Dil'man VM, et al. **Vop Onkol** 14:111-8, 1968 (50 ref.) **(Rus)**

BLOOD

Comparison of two immunochemical and three biological methods for the assay of human chorionic gonadotrophin in serum. Baechler C, et al. **Acta Endocr (Kobenhavn)** 61:117-32, May 69

Evaluation of a direct agglutination latex particle test for human chorionic gonadotropin. Bermes EW Jr, et al. **Amer J Obstet Gynec** 104:865-70, 15 Jul 69

Serial hormonal studies in normal and abnormal pregnancy. Samaan NA, et al. **Amer J Obstet Gynec** 104:781-94, 15 Jul 69

[Trophoblast from the viewpoint of precancerous conditions] Snaid V, et al. **Cesk Gynek** 34:277-9, May 69 **(Cze)**

[Comparison of the reliability of some indices of prognosis in threatened abortion] Zenísek L, et al. **Cesk Gynek** 34:234-7, Apr 69 **(Cze)**

DIAGNOSTIC USE

[Radioimmunoassay of thyrotropin (TSH) in human plasma] Freychet P, et al. **Presse Med** 77:13-6, 4 Jan 69 **(Fre)**

ISOLATION & PURIFICATION

[Recent progress in the field of gonadotropins] Scher W. **Boll Chimicofarm** 107:93-104, Feb 68 **(Ita)**

PHARMACODYNAMICS

Mode of action of clomiphene. I. Inhibitory effect of clomiphene citrate on the formation of progesterone from acetate-1-14C by human corpus luteum slices in

vitro. Hammerstein J.
Acta Endocr (Kobenhavn) 60:635-44, Apr 69
The effect of exogenous human chorionic gonadotrophin on steroid excretion in the newborn. Lauritzen C, et al.
Acta Endocr (Kobenhavn) 61:83-8, May 69
Placental hormones and graft rejection. Hulka JF, et al.
Amer J Obstet Gynec 104:889-92, 15 Jul 69
A new syndrome of amenorrhae in association with hypergonadotropism and apparently normal ovarian follicular apparatus. Jones GS, et al.
Amer J Obstet Gynec 104:597-600, 15 Jun 69
Effects of medroxyprogesterone acetate and chlorpromazine on ovulation and vaginal cytology in a strain of 4-day cyclic rats. Banik UK, et al.
Canad J Physiol Pharmacol 47:573-5, Jun 69
Plasma progesterone levels in pregnant, pseudopregnant and anestrous ferrets. Carlson IH, et al. **Endocrinology** 85:623-4, Sep 69
Deoxyribonucleic acid synthesis in vitro in preimplantation blastocysts of prepuberal rats ovulated with gonadotrophins. Sanyal MK, et al.
Endocrinology 85:585-9, Sep 69
Prolactin and the ventral prostate gland in juvenile rats. Von Berswordt-Wallrabe, et al.
Experientia 25:533-4, 15 May 69
The effects of amphotericin B on prostatic and testicular function in the dog. Texter JH, et al.
Invest Urol 7:90-106, Jul 69
Formation of steroid hormones in the porcine ovary in vitro. Aakvaag A. **J Endocr** 43:xxv-xxvi, Jan 69
Influence of HCG on the production of oestrogens by the adrenal gland. Hall EV van, et al.
J Endocr 43:xxxiv, Jan 69
Induction of ovulation in pseudopregnant rats. Rees GP van. **J Endocr** 43:16-8, Jan 69
Changes in plasma growth hormone levels in retarded children. Hillman J, et al.
J Ment Defic Res 12:294-306, Dec 68
Intraperitoneal insemination in the rabbit. Adams CE.
J Reprod Fertil 18:333-9, Mar 69
Action of chorionic gonadotrophin on cellular structures in human endometrium in the secretory phase. Ancla M, et al. **J Reprod Fertil** 19:291-7, Jul 69
Effect of hypophysectomy implantation in the mouse. Bindon BM, et al. **J Reprod Fertil** 18:43-50, Feb 69
The relationship between day of formation and functional life span of induced corpora lutea in the pig. Caldwell BV, et al.
J Reprod Fertil 18:107-13, Feb 69
Plasma levels of testosterone in male rabbits following copulation. Haltmeyer GC, et al.
J Reprod Fertil 19:273-7, Jul 69
The effect of pentobarbital on capacitation in the rabbit. Plotka ED, et al.
J Reprod Fertil 18:175-6, Feb 69
[Study of 13 cases of urinary elimination of testicular steroids after administration of H.M.G. (human menopausal gonadotropins) and H.C.G. (human chorionic gonadotropins)] Jayle MF, et al.
Gynec Obstet (Paris) 67:503-8, Nov-Dec 68 **(Fre)**
[Influence of sex hormones on the metabolism of androgens] Mauvais-Jarvis P, et al.
Rev Franc Etud Clin Biol 14:159-68, Feb 69 **(Fre)**
[Studies on the effect of 19-nor-17alpha-hydroxyprogesterone caproate on the prostate, seminal vesicles and testis of the rat] Hahn JD, et al.
Naunyn Schmiedeberg Arch Pharm Exp Path 260:131, 1968 **(Ger)**
[Effect of gonadotropin on aminopeptidase activities in the rat ovary] Kaneyoshi A.
Folia Endocr Jap 44:1286-308, 20 Mar 69 **(Jap)**
[The effect of gonadotropic, lactogenic and sex hormones on milk secretion] Gotsulenko BR.
Fiziol Zh SSSR Sechenov 54:971-8, Aug 68 **(Rus)**

PHYSIOLOGY

Chorionic gonadotropin in obesity. Further clinical observations. Gusman HA.
Amer J Clin Nutr 22:686-95, Jun 69

SECRETION

Hormonal, immunologic, and chemotherapeutic studies of transplantable human choriocarcinoma. Lewis JL Jr, et al. **Amer J Obstet Gynec** 104:472-8, 15 Jun 69
Gonadotropin secreting giant cell carcinoma of the lung. Dailey JE, et al. **Cancer** 24:388-96, Aug 69

STANDARDS

Effect of freezing and thawing and of diluent on the potency of human chorionic gonadotrophin in three methods of bioassay. Borth R, et al.
Acta Endocr (Kobenhavn) 61:89-95, May 69

THERAPEUTIC USE

The effect of exogenous human chorionic gonadotrophin on steroid excretion in the newborn. Lauritzen C, et al.
Acta Endocr (Kobenhavn) 61:83-8, May 69
Chorionic gonadotropin and obesity? Albrink MJ.
Amer J Clin Nutr 22:681-5, Jun 69
Chorionic gonadotropin in obesity. Further clinical observations. Gusman HA.
Amer J Clin Nutr 22:686-95, Jun 69
Asthenospermia and its treatment with HCG. Misurale F, et al. **Fertil Steril** 20:650-3, Jul-Aug 69
[Study of 13 cases of urinary elimination of testicular steroids after administration of H.M.G. (human menopausal gonadotropins) and H.C.G. (human chorionic gonadotropins)] Jayle MF, et al.
Gynec Obstet (Paris) 67:503-8, Nov-Dec 68 **(Fre)**
[The effect of gonadotropins on male sub- and infertility] Silló-Seidl G.
Derm Wschr 154:289-93, 30 Mar 68 **(Ger)**
[Treatment of testicular malposition] Becker H, et al.
Med Klin 64:644-8, 4 Apr 69 **(Ger)**
[Treatment of cryptorchism in puberty] Hecker WC.
Med Klin 64:563-4, 21 Mar 69 **(Ger)**
[Lutein cyst formation of the ovaries with perforation and acute abdomen following HMG-HCG treatment] Friedrich F, et al.
Wien Klin Wschr 81:318-20, 2 May 69 **(Ger)**
[Human gonadotropin treatment in decreased pituitary reserve] Rockenschaub A.
Wien Klin Wschr 81:260, 4 Apr 69 **(Ger)**
[Recent developments in the treatment of infertility] Lunenfeld B, et al.
Minerva Ginec 19:906-9, 30 Sep 67 **(Ita)**

URINE

Physicochemical studies of human chorionic gonadotropin. Takagi Y, et al.
Acta Obstet Gynaec Jap 16:64-5, Jan 69
Evaluation of a direct agglutination latex particle test for human chorionic gonadotropin. Bermes EW Jr, et al. **Amer J Obstet Gynec** 104:865-70, 15 Jul 69
Gonadotropin secreting giant cell carcinoma of the lung. Dailey JE, et al. **Cancer** 24:388-96, Aug 69
Chorionic gonadotropin excretion during pregnancy in the marmoset, Callithrix jacchus. Hampton JK Jr, et al. **Endocrinology** 85:171-4, Jul 69
Comparative study of immunological tests for pregnancy diagnosis. Bell JL.
J Clin Path 22:79-83, Jan 69
Placental hormone activity after removal of the fetus in a case of advanced abdominal pregnancy. Friedman S, et al. **J Obstet Gynaec Brit Comm** 76:554-8, Jun 69
Pregnancy diagnosis. Hobson BW. **Lancet** 2:56, 5 Jul 69
Sustained remissions after chemotherapy for primary ovarian cancers containing choriocarcinoma. Wider JA, et al. **New Eng J Med** 280:1439-42, 26 Jun 69
[Elimination of chorionic gonadotropic hormone and luteinizing hormone in newborn infants of normal and toxemic mothers] Levy JM, et al.
Arch Franc Pediat 26:73-7, Jan 69 **(Fre)**
[Hormone analysis and androgen therapy in male sterility] Silló-Seidl G.
Med Klin 64:539-42, 21 Mar 69 **(Ger)**
[Hormonal and histologic studies in uterine myomas] Tóth F, et al.
Z Geburtsh Gynaek 170:163-71, Apr 69 **(Ger)**
[Importance of the immunologic tests for the dosage of HCG in the diagnosis of trophoblastic tumors and in the control of the therapeutic response] Pàstina R, et al. **Minerva Ginec** 19:933, 30 Sep 67 **(Ita)**
[On a case of teratochorionepithelioma of the testis treated medically] Pàstina R, et al.
Minerva Ginec 19:937-8, 30 Sep 67 **(Ita)**
[Prognostic value of gonadotropinuria in threatened abortion] Rondinelli M, et al.
Riv Ital Ginec 51:709-18, Nov 67 **(Ita)**
[Human chorionic gonadotropins] Wawryk R, et al.
Ginek Pol 40:453-60, 1969 (114 ref.) **(Pol)**
[Urinary chorionic gonadotropin in certain

complications of early pregnancy] Samochowiec E, et al. Pol Tyg Lek 24:7-9, 6 Jan 69 (Pol)
[Current concepts in the management of abortion. 3. Hormone studies as an aid in the management of abortion] Vázquez E, et al.
Gac Med Mex 98:1269-75, Oct 68 (Spa)

GONADOTROPINS, EQUINE

An immunologic pregnancy test for mares. Solomon WJ, et al. J Amer Vet Med Ass 155:42-4, 1 Jul 69
Cyclic 3',5'-AMP and ovarian ascorbate depletion. Cooper JM, et al. J Endocr 43:xxxix-xl, Jan 69

BLOOD

Factors influencing pregnant mare serum gonadotrophin production. Allen WR.
Nature (London) 223:64-5, 5 Jul 69

ISOLATION & PURIFICATION

[Recent progress in the field of gonadotropins] Scher W. Boll Chimicofarm 107:93-104, Feb 68 (Ita)

METABOLISM

[The hormonal activity of pregnant mare serum] Bychkova RA. Veterinariia 44:84-6, Apr 67 (Rus)

PHARMACODYNAMICS

Maintenance of gestation in hypophysectomized rats with highly purified pituitary hormones. Ahmad N, et al. Anat Rec 164:291-303, Jul 69
Direct effect on the ovary of the adrenergic blocking drug dibenzyline. Ferrando G, et al.
Endocrinology 85:38-42, Jul 69
Deoxyribonucleic acid synthesis in vitro in preimplantation blastocysts of prepuberal rats ovulated with gonadotrophins. Sanyal MK, et al.
Endocrinology 85:585-9, Sep 69
Effect of steroids on neuropharmacologic blockade of ovulation in pregnant mare's serum (PMS)-primed immature rats. Ying SY, et al.
Endocrinology 84:1466-74, Jun 69
Nidation in weanling rats treated with PMS and gonadal steroids. Khan ZU, et al.
Fertil Steril 20:667-73, Jul-Aug 69
The secretion of steroids from the autotransplanted ovary in the ewe spontaneously and in response to systemic gonadotropin. Baird DT, et al.
J Endocr 42:283-99, Oct 68
The relationship between day of formation and functional life span of induced corpora lutea in the pig. Caldwell BV, et al.
J Reprod Fertil 18:107-13, Feb 69
Effects of antiserum to human chorionic gonadotropin on the spermatogenesis of hypophysectomized rats injected with pregnant mare serum gonadotropin. Ogasa A, et al.
Nat Inst Anim Health Quart (Tokyo) 9:45-52, Spring 69
[Effect of gonadotropin on aminopeptidase activities in the rat ovary] Kaneyoshi A.
Folia Endocr Jap 44:1286-308, 20 Mar 69 (Jap)
[Studies on plasma 17-hydroxycorticosteroid levels in normal pregnant women and newborn infants] Waseda K.
Folia Endocr Jap 44:1207-21, 20 Feb 69 (Jap)

PLACENTAL EXTRACTS

ANALYSIS

[Studies on the question of fibrinolytic factors in the placenta] Halberstadt E, et al.
Arch Gynaek 206:450-5, 1968 (Ger)

PHARMACODYNAMICS

In vitro studies of human trophoblast. Chung HK, et al.
Amer J Obstet Gynec 104:945-52, 1 Aug 69
Placental hormones and graft rejection. Hulka JF, et al.
Amer J Obstet Gynec 104:889-92, 15 Jul 69
[Effects of cold, formaldehyde and anoxia on the lipids and glycogen in placentas of pregnant rats (Rattus norvegicus albinus, Rodentia, Mammalis)] Almeida PA de.
Matern Infanc (S Paulo) 27:237-62, Jul-Sep 68 (Por)

THERAPEUTIC USE

[Placenta in the treatment of pelvic inflammation and in the healing of postoperative wounds] Trojnacki Z, et al. Przegl Lek 25:438-40, 1969 (Pol)

PLACENTAL HORMONES

BIOSYNTHESIS

Ontogenesis of immunoreactive growth hormone, follicle-stimulating hormone, thyroid-stimulating hormine, luteinizing hormone, chorionic prolactin and chorionic gonadotropin in the human conceptus. Gitlin D, et al. J Clin Endocr 29:926-35, Jul 69

BLOOD

Serial hormonal studies in normal and abnormal pregnancy. Samaan NA, et al.
Amer J Obstet Gynec 104:781-94, 15 Jul 69
Serum placental lactogen (HPL) levels as an index of placental function. Saxena BN, et al.
New Eng J Med 281:225-31, 31 Jul 69
New facets of a chorionic polypeptide--HPL. Villee DB.
New Eng J Med 281:268-9, 31 Jul 69

PHARMACODYNAMICS

Placental hormones and graft rejection. Hulka JF, et al.
Amer J Obstet Gynec 104:889-92, 15 Jul 69
Human chorionic somato-mammotropine (HCSM): lipolytic action of a pure preparation on isolated fat cells. Genazzani AR, et al. Metabolism 18:593-8, Jul 69
[Why does human milk begin to flow 3 days at the earliest following delivey?] Knaus HH.
Med Klin 63:749-50 passim, 10 May 68 (Ger)

PHYSIOLOGY

Diet and mammary gland growth in the pregnant rat.
Nutr Rev 27:152-3, May 69 (5 ref.)

SECRETION

Serial hormonal studies in normal and abnormal pregnancy. Samaan NA, et al.
Amer J Obstet Gynec 104:781-94, 15 Jul 69
Placental hormone activity after removal of the fetus in a case of advanced abdominal pregnancy. Friedman S, et al. J Obstet Gynaec Brit Comm 76:554-8, Jun 69

URINE

The identification and importance of new steroids in the foeto-placental unit. Kelly RW, et al.
J Endocr 43:xxiv-xxv, Jan 69

PLACENTAL LACTOGEN

BIOSYNTHESIS

Ontogenesis of immunoreactive growth hormone, follicle-stimulating hormone, thyroid-stimulating hormine, luteinizing hormone, chorionic prolactin and chorionic gonadotropin in the human conceptus. Gitlin D, et al. J Clin Endocr 29:926-35, Jul 69

BLOOD

Serial hormonal studies in normal and abnormal pregnancy. Samaan NA, et al.
Amer J Obstet Gynec 104:781-94, 15 Jul 69
Serum placental lactogen (HPL) levels as an index of placental function. Saxena BN, et al.
New Eng J Med 281:225-31, 31 Jul 69
New facets of a chorionic polypeptide--HPL. Villee DB.
New Eng J Med 281:268-9, 31 Jul 69

PHARMACODYNAMICS

Placental hormones and graft rejection. Hulka JF, et al.
Amer J Obstet Gynec 104:889-92, 15 Jul 69
Human chorionic somato-mammotropine (HCSM): lipolytic action of a pure preparation on isolated fat cells. Genazzani AR, et al. Metabolism 18:593-8, Jul 69

PARATHYROID AND BONE

I. Physical and Functional Aspects of the Parathyroid Glands

PARATHYROID GLANDS

Renal handling of magnesium in the dog. Massry SG, et al. **Amer J Physiol** 216:1460-7, Jun 69

Ultimobranchial calcitonin in the developing chicken. Dent PB, et al. **Endocrinology** 85:582-5, Sep 69

Tumoral calcinosis with hyperphosphatemia. A report of a family with incidence in four siblings. Baldursson H, et al. **J Bone Joint Surg [Brit]** 51:913-25, Jul 69

Potential value of toluidine blue analogs as parathyroid scanning agents. Kang GS, et al. **J Nucl Med** 9:643-4, Dec 68

[Influence of parathyroid extract (PTE) on the citrate content and isocitric dehydrogenase activity in bones and some organs of the rat] Szot Z. **Acta Physiol Pol** 20:1-11, Jan-Feb 69 **(Pol)**

ABNORMALITIES

Aberrant parathyroid glands in relationship to the thymus. Kurtay M, et al. **Amer J Surg** 117:705, May 69

ANALYSIS

A study of the heterogeneity of parathyroid hormone preparations. Lea DJ, et al. **J Endocr** 44:195-202, Jun 69

ANATOMY & HISTOLOGY

Calcitonin and parathyroid hormone. Copp DH. **Ann Rev Pharmacol** 9:327-44, 1969 (147 ref.)

CYTOLOGY

Antibody to the oxyphil cells of the human parathyroid in idiopathic hypoparathyroidism. Irvine WJ, et al. **Clin Exp Immun** 4:505-10, May 69

DRUG EFFECTS

[Dynamic study of citratemia due to provoked hypocalcemia in normal man] Torrenté A de. **Schweiz Med Wschr** 99:355-60 concl, 15 Mar 69 **(Fre)**

ENZYMOLOGY

Studies of the action of vitamin D in the rat. Cheesman EM, et al. **Brit J Nutr** 23:371-5, Jun 69

IMMUNOLOGY

Antibody to the oxyphil cells of the human parathyroid in idiopathic hypoparathyroidism. Irvine WJ, et al. **Clin Exp Immun** 4:505-10, May 69

INJURIES

Intrathoracic goiter. Polak E. **Geriatrics** 24:134-9, Jun 69

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Animal cell cultures as a source of hormones. Tashjian AH Jr. **Biotechn Bioengin** 11:109-26, Mar 69

Potential value of toluidine blue analogs as parathyroid scanning agents. Kang GS, et al. **J Nucl Med** 9:643-4, Dec 68

[Dynamic study of citratemia due to provoked hypocalcemia in normal man] Torrenté A de. **Schweiz Med Wschr** 99:355-60 concl, 15 Mar 69 **(Fre)**

PATHOLOGY

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Selective parathyroid and pancreatic staining. Keaveny TV, et al. **Brit J Surg** 56:595-7, Aug 69

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[Study of a further case of primary hyperparathyroidism due to hyperplasia in a 1-month-old child] Farriaux JP, et al. **Ann Pediat (Paris)** 15:716-23, 2 Nov 68 **(Fre)**

PHYSIOLOGY

Effect of endocrine glands on function of the gastrointestinal tract. Study of the thyroid, parathyroid, and adrenal glands. Gregory CH, et al. **Amer J Surg** 117:893-906, Jun 69 (169 ref.)

Glucagon. Lawrence AM. **Ann Rev Med** 20:207-22, 1969 (149 ref.)

Serum calcium ion activity: effects of thyrocalcitonin and parathyroid extract in the rat. Bernstein DS, et al. **Endocrinology** 85:589-92, Sep 69

Effect of thyroparathyroidectomy on skeletal sodium metabolism in the rat. Coleman EH, et al. **Endocrinology** 85:175-6, Jul 69

Mode of hypocalcemic action of glucagon in the rat. Williams GA, et al. **Endocrinology** 85:538-41, Sep 69

The parafollicular cell of the thyroid gland as the source of an osteoblast-stimulating factor. Evidence from experimentally osteopetrotic mice. Marks SC Jr. **J Bone Joint Surg [Brit]** 51:875-90, Jul 69

The influence of extracellular volume expansion on renal phosphate reabsorption in the dog. Massry SG, et al. **J Clin Invest** 48:1237-45, Jul 69

Hyperparathyroidism. Goldsmith RS. **New Eng J Med** 281:367-74, 14 Aug 69 (38 ref.)

Thyrocalcitonin. Hirsch PF, et al. **Physiol Rev** 49:548-622, Jul 69 (408 ref.)

[On the endocrine regulation of the blood-calcium level. I. The role of the thymus gland in the calcium regulation in rats] Csaba G, et al. **Acta Med Acad Sci Hung** 26:179-86, 1969 **(Ger)**

[Parathyroid function test] Seta K, et al. **Jap J Clin Med** 27:272-7, Feb 69 (77 ref.) **(Jap)**

[Changes in the mitotic index with age in various organs of white rats] Pomanov IuA, et al. **Biull Eksp Biol Med** 67:104-7, Apr 69 **(Rus)**

PHYSIOPATHOLOGY

Dissociation between changes in urinary total hydroxyproline and plasma alkaline phosphatase after removal of parathyroid tumour. Smith R. **Clin Chim Acta** 23:421-6, Mar 69

Tumoral calcinosis with hyperphosphatemia. A report of a family with incidence in four siblings. Baldursson H, et al. **J Bone Joint Surg [Amer]** 51:913-25, Jul 69

[Parathyroid function test] Seta K, et al. **Jap J Clin Med** 27:272-7, Feb 69 (77 ref.) **(Jap)**

RADIATION EFFECTS

[Hygienic assessment of the chronic action of natural uranium on the functioning of the thyroid gland] Rezanov II. **Gig Sanit** 33:48-52, Aug 68 **(Rus)**

PARATHYROID AND BONE

SURGERY

Glomerular (azotemic) osteodystrophy. Kyle LH.
Ann Rev Med 20:259-76, 1969 (72 ref.)

An operation for pruritus; pruritus in secondary hyperparathyroidism. Burrows D, et al.
Brit J Derm 81:391-2, May 69 (10 ref.)

Dissociation between changes in urinary total hydroxyproline and plasma alkaline phosphatase after removal of parathyroid tumour. Smith R.
Clin Chim Acta 23:421-6, Mar 69

The urinary excretion of inorganic pyrophosphate in hyperparathyroidism, hyperthyroidism, Paget's disease and other disorders of bone metabolism. Russell RG, et al. **Clin Sci** 36:435-43, Jun 69

Serum calcium ion activity: effects of thyrocalcitonin and parathyroid extract in the rat. Bernstein DS, et al.
Endocrinology 85:589-92, Sep 69

Studies on the mechanism of action of thyrocalcitonin: inhibition with acetazolamide. Stahl PD, et al.
Endocrinology 85:161-4, Jul 69

The parafollicular cell of the thyroid gland as the source of an osteoblast-stimulating factor. Evidence from experimentally osteopetrotic mice. Marks SC Jr.
J Bone Joint Surg [Amer] 51:875-90, Jul 69

The parafollicular cell of the thyroid gland as the source of an osteoblast-stimulating factor. Evidence from experimentally osteopetrotic mice. Marks SC Jr.
J Bone Joint Surg [Brit] 51:875-90, Jul 69

The influence of extracellular volume expansion on renal phosphate reabsorption in the dog. Massry SG, et al. **J Clin Invest** 48:1237-45, Jul 69

Near-total parathyroidectomy. Paloyan E, et al.
Surg Clin N Amer 49:43-8, Feb 69

Calcium metabolism after subtotal parathyroidectomy in chronic renal failure. Johnson JW, et al.
Trans Amer Soc Artif Intern Organs 15:333-40, 1969

[Influence of the parathyroids on the action of somatotropin hormone (S.T.H.) in female rats] Prelot M, et al. **J Physiol (Paris)** 59:Suppl:283, 1967 **(Fre)**

[On a case of fibro-cystic osteopathy of the mandible] Palattella G.
Ann Stomat (Roma) 18:277-90, Mar 69 **(Ita)**

TRANSPLANTATION

[The results of transplantation of the parathyroid glands in the treatment of parathyroprivic tetany] Filatov AN, et al.
Vestn Khir Grekov 102:14-20, Jan 69 **(Rus)**

II. Disorders of the Parathyroid Glands

HYPERPARATHYROIDISM

Clinicopathologic conference. Fox M, et al. **Texas Med** 65:82-8, May 69
[Acute hyperparathyroidism] Burcharth F, et al. **Nord Med** 81:338-40, 13 Mar 69 **(Dan)**
[Study of a further case of primary hyperparathyroidism due to hyperplasia in a 1-month-old child] Farriaux JP, et al. **Ann Pediat (Paris)** 15:716-23, 2 Nov 68 **(Fre)**
[Primary hyperparathyroidism] Tolloczko T. **Pol Arch Med Wewnet** 42:597-603, Apr 69 (29 ref.) **(Pol)**

BLOOD

The haematological diagnosis of hyperparathyroidism. Faccini JM, et al. **Brit J Oral Surg** 6:192-5, Mar 69
Radioimmunoassay of parthyroid hormone in human plasma. Lequin RM, et al. **J Endocr** 43:xiv, Jan 69
Venous-compression test in hyperparathyroidism. Krull GH, et al. **Lancet** 2:174-7, 26 Jul 69
Experience with serum magnesium estimations. Lim MK. **Med J Aust** 1:1075-7, 24 May 69
Hyperparathyroidism. Goldsmith RS. **New Eng J Med** 281:367-74, 14 Aug 69 (38 ref.)
[Recent findings on thyrocalcitonin and parathyroid hormone] Kohler H, et al. **Schweiz Med Wschr** 99:740-3, 17 May 69 (20 ref.) **(Ger)**

COMPLICATIONS

Primary hyperparathyroidism associated with nutritional osteomalacia. Vaishava H, et al. **Amer J Med** 46:640-4, Apr 69
Superior marginal rib defects. An etiologic classification. Sargent EN, et al. **Amer J Roentgen** 106:491-505, Jul 69
Ischemic ulcerations of skin and necrosis of muscle in azotemic hyperparathyroidism. Richardson JA, et al. **Ann Intern Med** 71:129-38, Jul 69
Glomerular (azotemic) osteodystrophy. Kyle LH. **Ann Rev Med** 20:259-76, 1969 (72 ref.)
An operation for pruritus; pruritus in secondary hyperparathyroidism. Burrows D, et al. **Brit J Derm** 81:391-2, May 69 (10 ref.)
Renal functional status in hyperparathyroidism. Shaw RH, et al. **J Urol** 102:151-5, Aug 69
Hyperparathyroidism. Goldsmith RS. **New Eng J Med** 281:367-74, 14 Aug 69 (38 ref.)
Chlorothiazide-induced hypercalcemia in juvenile osteoporosis and hyperparathyroidism. Parfitt AM. **New Eng J Med** 281:55-9, 10 Jul 69
[Apropos of 2 cases of parathyroid adenoma] Lejeune G, et al. **Acta Urol Belg** 35:493-501, Jul 67 **(Fre)**
[Study of a further case of primary hyperparathyroidism due to hyperplasia in a 1-month-old child] Farriaux JP, et al. **Ann Pediat (Paris)** 15:716-23, 2 Nov 68 **(Fre)**
[The practitioner's approach to acute hypercalcemia] Schaison G. **Presse Med** 77:1083-5, 21 Jun 69 **(Fre)**
[Spongy medullary degeneration of the kidney and folowed by secondary hyperparathyroidism] Fried L, et al. **Z Urol** 61:443-51, Jul 68 **(Ger)**

DIAGNOSIS

Functional cystic parathyroid adenoma. Earll JM, et al. **Amer J Surg** 118:100-3, Jul 69
The haematological diagnosis of hyperparathyroidism. Faccini JM, et al. **Brit J Oral Surg** 6:192-5, Mar 69
CPC Wilmington Medical Center. The case of a 72-year-old woman with hemoptysis, a pulmonary infiltrate, rib destruction, and hypercalcemia. **Delaware Med J** 41:178-84, Jun 69
Hyperparathyroidism. Pathogenesis, diagnosis and oro-dental manifestations. Bissada NF, et al. **Egypt Dent J** 14:226-34, Oct 68
Venous-compression test in hyperparathyroidism. Krull GH, et al. **Lancet** 2:174-7, 26 Jul 69
Hyperparathyroidism. Goldsmith RS. **New Eng J Med** 281:367-74, 14 Aug 69 (38 ref.)
Localization of parathyroid adenomas by selective venous catheterization and radioimmunoassay. Reitz RE, et al. **New Eng J Med** 281:348-51, 14 Aug 69
Essentials in diagnosing and treating hyperparathyroidism. Adams HD. **Postgrad Med** 45:119-24, Apr 69
Immunoassays in the diagnoses of endocrine disorders. Lawrence AM. **Surg Clin N Amer** 49:3-10, Feb 69 (29 ref.)
Near-total parathyroidectomy. Paloyan E, et al. **Surg Clin N Amer** 49:43-8, Feb 69
[Acute hyperparathyroidism] Burcharth F, et al. **Nord Med** 81:338-40, 13 Mar 69 **(Dan)**
[Preoperative scintigraphic localization of parathyroid adenomas with 75Se-Selenmethionine] Haubold U, et al. **Munchen Med Wschr** 110:1011-9, 19 Apr 68 **(Ger)**
[Parathyroid function test] Seta K, et al. **Jap J Clin Med** 27:272-7, Feb 69 (77 ref.) **(Jap)**

DRUG THERAPY

Venous-compression test in hyperparathyroidism. Krull GH, et al. **Lancet** 2:174-7, 26 Jul 69
[Acute hyperparathyroidism] Burcharth F, et al. **Nord Med** 81:338-40, 13 Mar 69 **(Dan)**

ENZYMOLOGY

Hyperparathyroidism. Goldsmith RS. **New Eng J Med** 281:367-74, 14 Aug 69 (38 ref.)

ETIOLOGY

Primary hyperparathyroidism associated with nutritional osteomalacia. Vaishava H, et al. **Amer J Med** 46:640-4, Apr 69
Two cases of renal disease with unusual disturbances in calcium metabolism. Brod J, et al. **Israel J Med Sci** 5:91-7, Jan-Feb 69
Localization of a mediastinal adenoma by selenomethionine Se 75 scanning. Goodwin DA, et al. **JAMA** 208:2333-5, 23 Jun 69
Calcium metabolism after subtotal parathyroidectomy in chronic renal failure. Johnson JW, et al. **Trans Amer Soc Artif Intern Organs** 15:333-40, 1969
[Acute hyperparathyroidism] Burcharth F, et al. **Nord Med** 81:338-40, 13 Mar 69 **(Dan)**
[Study of a further case of primary hyperparathyroidism due to hyperplasia in a 1-month-old child] Farriaux JP, et al. **Ann Pediat (Paris)** 15:716-23, 2 Nov 68 **(Fre)**

METABOLISM

Tracer studies of intestinal calcium absorption in man. Lutwak L. **Amer J Clin Nutr** 22:771-85, Jun 69
Metabolic study of hyperparathyroid and other renal stone formers using a very low intake of calcium and magnesium, Keynes WM, et al. **Brit J Surg** 56:624, Aug 69
The effect of induced hypercalcemia on renal handling of divalent ions in patients with renal disease. Better OS, et al. **Israel J Med Sci** 5:33-42, Jan-Feb 69
Influence of hormones on bone. Smeenk D. **J Endocr** 43:xiv-xv, Jan 69

OCCURRENCE

Renal functional status in hyperparathyroidism. Shaw RH, et al. **J Urol** 102:151-5, Aug 69
The pathology of hyperparathyroidism. Straus FH 2d, et al. **Surg Clin N Amer** 49:27-42, Feb 69

PATHOLOGY

Primary hyperparathyroidism associated with nutritional osteomalacia. Vaishava H, et al. **Amer J Med** 46:640-4, Apr 69

Ischemic ulcerations of skin and necrosis of muscle in azotemic hyperparathyroidism. Richardson JA, et al. **Ann Intern Med** 71:129-38, Jul 69

Selective parathyroid and pancreatic staining. Keaveny TV, et al. **Brit J Surg** 56:595-7, Aug 69

Hyperparathyroidism. Pathogenesis, diagnosis and oro-dental manifestations. Bissada NF, et al. **Egypt Dent J** 14:226-34, Oct 68

The pathology of hyperparathyroidism. Straus FH 2d, et al. **Surg Clin N Amer** 49:27-42, Feb 69

[Renal biopsy] Morel-Maroger L. **Presse Med** 77:751-4, 23 Apr 69 (Fre)

[C-cells in the human thyroid gland] Kracht J, et al. **Verh Deutsch Ges Path** 52:485-90, 1968 (Ger)

PHYSIOPATHOLOGY

Gastric secretion and chronic hyperparathyroidism. Patterson M, et al. **Arch Surg (Chicago)** 99:9-14, Jul 69

Radioimmunoassay of parathyroid hormone in primary hyperparathyroidism: studies after removal of parathyroid adenoma. Buckle RM. **Brit Med J** 2:789-93, 28 Jun 69

Renal functional status in hyperparathyroidism. Shaw RH, et al. **J Urol** 102:151-5, Aug 69

Hyperparathyroidism. Goldsmith RS. **New Eng J Med** 281:367-74, 14 Aug 69 (38 ref.)

RADIOGRAPHY

Notching of the carpal navicular. Swezey RL, et al. **Ann Rheum Dis** 28:45-8, Jan 69

Parathyroid adenoma. Wilkinson RH. **Postgrad Med** 46:61-3, Jul 69

SURGERY

Renal functional status in hyperparathyroidism. Shaw RH, et al. **J Urol** 102:151-5, Aug 69

Venous-compression test in hyperparathyroidism. Krull GH, et al. **Lancet** 2:174-7, 26 Jul 69

Essentials in diagnosing and treating hyperparathyroidism. Adams HD. **Postgrad Med** 45:119-24, Apr 69

Near-total parathyroidectomy. Paloyan E, et al. **Surg Clin N Amer** 49:43-8, Feb 69

Calcium metabolism after subtotal parathyroidectomy in chronic renal failure. Johnson JW, et al. **Trans Amer Soc Artif Intern Organs** 15:333-40, 1969

[Study of a further case of primary hyperparathyroidism due to hyperplasia in a 1-month-old child] Farriaux JP, et al. **Ann Pediat (Paris)** 15:716-23, 2 Nov 68 (Fre)

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THERAPY

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URINE

Some factors influencing the urinary excretion of oxalic acid in man. Zarembski PM, et al. **Clin Chim Acta** 25:1-10, Jul 69

The urinary excretion of inorganic pyrophosphate in hyperparathyroidism, hyperthyroidism, Paget's disease and other disorders of bone metabolism. Russell RG, et al. **Clin Sci** 36:435-43, Jun 69

The urinary calcium-creatinine ratio as a measure of urinary calcium excretion. Wills MR. **J Clin Path** 22:287-90, May 69

Hyperparathyroidism. Goldsmith RS. **New Eng J Med** 281:367-74, 14 Aug 69 (38 ref.)

HYPOPARATHYROIDISM

Idiopathic hypoparathyroidism. Tikare SK, et al. **J Indian Med Ass** 51:457-60, 1 Nov 68

Idiopathic hypoparathyroidism, chronic candidiasis, and dental hypoplasia. Greenberg MS, et al. **Oral Surg** 28:42-53, Jul 69

[A case of primary hypoparathyroidism] Doktorczyk H, et al. **Wiad Lek** 22:389-92, 15 Feb 69 (Pol)

BLOOD

[Recent findings on thyrocalcitonin and parathyroid hormone] Kohler H, et al. **Schweiz Med Wschr** 99:740-3, 17 May 69 (20 ref.) (Ger)

COMPLICATIONS

Osteitis deformans (Paget's disease of bone) complicating hypoparathyroidism. Pitman GH, et al. **Ann Surg** 170:286-91, Aug 69

Systemic alkalosis in hypoparathyroidism. Barzel US. **J Clin Endocr** 29:917-8, Jul 69

Pathophysiological aspects on surgical treatment of thyroid disease. Heimann P. **Progr Surg** 7:1-55, 1969 (370 ref.)

[Effect of hypercalcemia on the gastric secretion and its importance in peptic ulcer] Barańska-Pawlowska H. **Wiad Lek** 22:435-40, 1 Mar 69 (Pol)

DIAGNOSIS

[Parathyroid function test] Seta K, et al. **Jap J Clin Med** 27:272-7, Feb 69 (77 ref.) (Jap)

DRUG THERAPY

Vitamin D therapy of hypoparathyroidism. **Nutr Rev** 27:71-2, Mar 69

[On the appearance of "side effects" after intravenous calcium injection] Krosch H, et al. **Ther Gegenw** 107:1288 passim, Oct 68 (Ger)

ETIOLOGY

Second operations for thyroid carcinoma. James KW, et al. **Canad J Surg** 12:289-93, Jul 69

IMMUNOLOGY

Antibody to the oxyphil cells of the human parathyroid in idiopathic hypoparathyroidism. Irvine WJ, et al. **Clin Exp Immun** 4:505-10, May 69

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PARATHYROID DISEASES

BLOOD

Effect of dexamethasone on citrate metabolism. Wajchenberg BL, et al. **Clin Sci** 36:15-24, Feb 69

CHEMICALLY INDUCED

[Functional disorders of the parathyroid gland following iodine isotope therapy] Weimann G, et al. **Med Welt** 11:706-10, 16 Mar 68 (Ger)

COMPLICATIONS

Magnesium deficiency. Giteiman HJ, et al. **Ann Rev Med** 20:233-42, 1969 (76 ref.)

METABOLISM

Human thyrocalcitonin. Aliapoulios MA, et al. **Amer J Surg** 117:554-7, Apr 69

[Intestinal absorption of calcium in disorders of calcium metabolism. Results of oral radiocalcium test] Sadowski P, et al.
Med Welt 42:2284-92, 19 Oct 68 (Ger)

PHYSIOPATHOLOGY

Effect of endocrine glands on function of the gastrointestinal tract. Study of the thyroid, parathyroid, and adrenal glands. Gregory CH, et al.
Amer J Surg 117:893-906, Jun 69 (169 ref.)

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[Primary hyperparathyroidism] Tolloczko T.
Pol Arch Med Wewnet 42:597-603, Apr 69 (29 ref.) (Pol)

BLOOD

Dissociation between changes in urinary total hydroxyproline and plasma alkaline phosphatase after removal of parathyroid tumour. Smith R.
Clin Chim Acta 23:421-6, Mar 69
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Localization of a mediastinal adenoma by selenomethionine Se 75 scanning. Goodwin DA, et al.
JAMA 208:2333-5, 23 Jun 69
[Acute hyperparathyroidism] Burcharth F, et al.
Nord Med 81:338-40, 13 Mar 69 (Dan)
[Apropos of 2 cases of parathyroid adenoma] Lejeune G, et al. **Acta Urol Belg 35:493-501, Jul 67 (Fre)**
[Functioning adenocarcinoma of the parathyroid glands] Coppola G, et al.
Nunt Radiol 33:1519-38, Dec 67 (Ita)

DIAGNOSIS

Functional cystic parathyroid adenoma. Earll JM, et al.
Amer J Surg 118:100-3, Jul 69
Selective parathyroid and pancreatic staining. Keaveny TV, et al. **Brit J Surg 56:595-7, Aug 69**
CPC Wilmington Medical Center. The case of a 72-year-old woman with hemoptysis, a pulmonary infiltrate, rib destruction, and hypercalcemia.
Delaware Med J 41:178-84, Jun 69
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JAMA 208:2333-5, 23 Jun 69
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New Eng J Med 281:367-74, 14 Aug 69 (38 ref.)
Localization of parathyroid adenomas by selective venous catheterization and radioimmunoassay. Reitz RE, et al. **New Eng J Med 281:348-51, 14 Aug 69**
[Indirect exploration for localization of parathyroid tumors] Stoenescu D.
Stud Cercet Endocr 19:531-3, 1968 (Rum)

DRUG THERAPY

Dissociation between changes in urinary total hydroxyproline and plasma alkaline phosphatase after removal of parathyroid tumour. Smith R.
Clin Chim Acta 23:421-6, Mar 69

OCCURRENCE

The pathology of hyperparathyroidism. Straus FH 2d, et al. **Surg Clin N Amer 49:27-42, Feb 69**

PATHOLOGY

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CPC Wilmington Medical Center. The case of a 72-year-old woman with hemoptysis, a pulmonary infiltrate, rib destruction, and hypercalcemia.
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JAMA 208:2333-5, 23 Jun 69
The pathology of hyperparathyroidism. Straus FH 2d, et al. **Surg Clin N Amer 49:27-42, Feb 69**

RADIOGRAPHY

Localization of parathyroid adenomas by selective venous catheterization and radioimmunoassay. Reitz RE, et al. **New Eng J Med 281:348-51, 14 Aug 69**
Parathyroid adenoma. Wilkinson RH.
Postgrad Med 46:61-3, Jul 69
The radiologic diagnosis of tumors of the endocrine glands. Ranniger K.
Surg Clin N Amer 49:11-26, Feb 69 (40 ref.)
[Indirect exploration for localization of parathyroid tumors] Stoenescu D.
Stud Cercet Endocr 19:531-3, 1968 (Rum)

SURGERY

Functional cystic parathyroid adenoma. Earll JM, et al.
Amer J Surg 118:100-3, Jul 69
Radioimmunoassay of parathyroid hormone in primary hyperparathyroidism: studies after removal of parathyroid adenoma. Buckle RM.
Brit Med J 2:789-93, 28 Jun 69
Dissociation between changes in urinary total hydroxyproline and plasma alkaline phosphatase after removal of parathyroid tumour. Smith R.
Clin Chim Acta 23:421-6, Mar 69
Localization of parathyroid adenomas by selective venous catheterization and radioimmunoassay. Reitz RE, et al. **New Eng J Med 281:348-51, 14 Aug 69**

URINE

Dissociation between changes in urinary total hydroxyproline and plasma alkaline phosphatase after removal of parathyroid tumour. Smith R.
Clin Chim Acta 23:421-6, Mar 69

PARATHYROID AND BONE

III. *Parathyroid Hormone*

PARATHYROID HORMONE

Calcitonin and parathyroid hormone. Copp DH. **Ann Rev Pharmacol** 9:327-44, 1969 (147 ref.)
The parafollicular cell of the thyroid gland as the source of an osteoblast-stimulating factor. Evidence from experimentally osteopetrotic mice. Marks SC Jr. **J Bone Joint Surg [Amer]** 51:875-90, Jul 69
A radioimmunoassay for human calcitonin M. Clark MB, et al. **Lancet** 2:74-7, 12 Jul 69
[Magnesium and the kidney] Ueda Y, et al. **Saishin Igaku** 23:2541-8, 10 Dec 68 (45 ref.) **(Jap)**
[Adenosine-3',5'-monophosphate as a messenger molecule in hormone action] Oye I. **Nord Med** 81:97-101, 23 Jan 69 (17 ref.) **(Swe)**

ADMINISTRATION & DOSAGE

Tumoral calcinosis with hyperphosphatemia. A report of a family with incidence in four siblings. Baldursson H, et al. **J Bone Joint Surg [Amer]** 51:913-25, Jul 69

ANALYSIS

Calcitonin and parathyroid hormone. Copp DH. **Ann Rev Pharmacol** 9:327-44, 1969 (147 ref.)
A study of the heterogeneity of parathyroid hormone preparations. Lea DJ, et al. **J Endocr** 44:195-202, Jun 69
[Parathyroid function test] Seta K, et al. **Jap J Clin Med** 27:272-7, Feb 69 (77 ref.) **(Jap)**

BIOSYNTHESIS

Animal cell cultures as a source of hormones. Tashjian AH Jr. **Biotechn Bioengin** 11:109-26, Mar 69

BLOOD

Hypercalcemia of cancer. Schussler GC. **Ann Intern Med** 70:1280, Jun 69
An operation for pruritus; pruritus in secondary hyperparathyroidism. Burrows D, et al. **Brit J Derm** 81:391-2, May 69 (10 ref.)
The haematological diagnosis of hyperparathyroidism. Faccini JM, et al. **Brit J Oral Surg** 6:192-5, Mar 69
Radioimmunoassay of parathyroid hormone in primary hyperparathyroidism: studies after removal of parathyroid adenoma. Buckle RM. **Brit Med J** 2:789-93, 28 Jun 69
Calciphylaxis in man. Rees JK, et al. **Brit Med J** 2:670-2, 14 Jun 69
Radioimmunoassay of parthyroid hormone in human plasma. Lequin RM, et al. **J Endocr** 43:xiv, Jan 69
Hyperparathyroidism. Goldsmith RS. **New Eng J Med** 281:367-74, 14 Aug 69 (38 ref.)
Localization of parathyroid adenomas by selective venous catheterization and radioimmunoassay. Reitz RE, et al. **New Eng J Med** 281:348-51, 14 Aug 69
Calcium metabolism after subtotal parathyroidectomy in chronic renal failure. Johnson JW, et al. **Trans Amer Soc Artif Intern Organs** 15:333-40, 1969
Regulation of the plasma ionized calcium and its therapeutic control in patients treated by regular hemodialysis. Kaye M, et al. **Trans Amer Soc Artif Intern Organs** 15:341-6, 1969
[Recent findings on thyrocalcitonin and parathyroid hormone] Kohler H, et al. **Schweiz Med Wschr** 99:740-3, 17 May 69 (20 ref.) **(Ger)**

DIAGNOSTIC USE

Hyperparathyroidism. Goldsmith RS. **New Eng J Med** 281:367-74, 14 Aug 69 (38 ref.)
[Parathyroid function test] Seta K, et al. **Jap J Clin Med** 27:272-7, Feb 69 (77 ref.) **(Jap)**

METABOLISM

Calcium homeostasis. Geary CP. **New Zeal Dent J** 65:115-7, Apr 69
[Osteomalacia] Kaplan G. **Presse Med** 77:757-60, 23 Apr 69 **(Fre)**
[Effect of thyroid and adrenal dysfunction on changes in tissue concentration of calcium and glucose] Boltanski E. **Sem Hop Paris** 44:3205-8, 14 Dec 68 **(Fre)**
[Paraendocrinopathies] Pietrek J. **Pol Tyg Lek** 24:373-6, 10 Mar 69 (16 ref.) **(Pol)**

PHARMACODYNAMICS

Calcitonin and parathyroid hormone. Copp DH. **Ann Rev Pharmacol** 9:327-44, 1969 (147 ref.)
Rates of exchange of mitochondrial Mg2+ determined from 28Mg flux measurements. Johnson JH, et al. **Arch Biochem** 132:139-45, Jun 69
Hormone control of connective tissue. Asboe-Hansen G. **Brit J Derm** 81:Suppl 2:2-8, 1969 (56 ref.)
The effect of fluoride ingestion on the response of the rat to parathormone and calcitonin. Kraintz L. **Canad J Physiol Pharmacol** 47:477-81, May 69
Serum calcium ion activity: effects of thyrocalcitonin and parathyroid extract in the rat. Bernstein DS, et al. **Endocrinology** 85:589-92, Sep 69
Effects of thyrocalcitonin on calcium transport in kidney cells. Borle AB. **Endocrinology** 85:194-9, Aug 69
Importance of thyroid hormones in bone metabolism and calcium homeostasis. Jowsey J, et al. **Endocrinology** 85:87-95, Jul 69
Effect of phosphate, calcium and magnesium on bone resorption and hormonal responses in tissue culture. Raisz LG, et al. **Endocrinology** 85:446-52, Sep 69
Fetal response to parathyroid hormone in sheep. Smith FG Jr, et al. **J Appl Physiol** 27:276-9, Aug 69
The parafollicular cell of the thyroid gland as the source of an osteoblast-stimulating factor. Evidence from experimentally osteopetrotic mice. Marks SC Jr. **J Bone Joint Surg [Brit]** 51:875-90, Jul 69
The calcium-mediated promotion of mitotic activity in rat thymocyte populations by growth hormone, neurohormones, parathyroid hormone and prolactin. Whitfield JF, et al. **J Cell Physiol** 73:203-11, Jun 69
Effect of adenosine 3',5'-monophosphate on production of glucose and ammonia by renal cortex. Pagliara AS, et al. **J Clin Invest** 48:1408-12, Aug 69
Influence of hormones on bone. Smeenk D. **J Endocr** 43:xiv-xv, Jan 69
Effects of polypeptide and protein hormones on lipid monolayers. I. Effect of insulin and parathyroid hormone on monomolecular films of monooctadecyl phosphate and stearic acid. Kafka MS, et al. **J Gen Physiol** 54:134-43, Jul 69
The relationship between the renal handling of phosphate and bicarbonate in man. Puschett JB, et al. **J Lab Clin Med** 73:956-69, Jun 69
Determination of calcium retention in the rat by whole-body scintillometry. Bhatti MC, et al. **J Pharm Sci** 58:502-3, Apr 69
[Influence of the parathyroids on the action of somatotropin hormone (S.T.H.) in female rats] Prelot M, et al. **J Physiol (Paris)** 59:Suppl:283, 1967 **(Fre)**
[Clinical and laboratory changes in primary hyperthyroidism. Comments on 22 cases] Hernandez A, et al. **Prensa Med Mex** 34:19-28, Jan-Feb 69 **(Spa)**

PHYSIOLOGY

Effect of thyroparathyroidectomy on skeletal sodium metabolism in the rat. Coleman EH, et al. **Endocrinology** 85:175-6, Jul 69
[Dynamic study of citratemia in provoked hypocalcemia in man under normal conditions] Torrenté A de. **Schweiz Med Wschr** 99:317-23 contd, 8 Mar 69 **(Fre)**
[Pathophysiological mechanisms in hypotension caused by endocrine disorders] Lutomirsky C. **Praxis** 58:791-801, 24 Jun 69 **(Ger)**

SECRETION

Ischemic ulcerations of skin and necrosis of muscle in

azotemic hyperparathyroidism. Richardson JA, et al. **Ann Intern Med** 71:129-38, Jul 69

Calcitonin and parathyroid hormone. Copp DH. **Ann Rev Pharmacol** 9:327-44, 1969 (147 ref.)

Radioimmunoassay of parathyroid hormone in primary hyperparathyroidism: studies after removal of parathyroid adenoma. Buckle RM. **Brit Med J** 2:789-93, 28 Jun 69

Clinicopathologic conference. Fox M, et al. **Texas Med** 65:82-8, May 69

THERAPEUTIC USE

Gastric secretion and chronic hyperparathyroidism. Patterson M, et al. **Arch Surg (Chicago)** 99:9-14, Jul 69

Hypocalcemia due to hypomagnesemia and reversible parathyroid hormone unresponsiveness. Estep H, et al. **J Clin Endocr** 29:842-8, Jun 69

[The practitioner and the medical treatment of the gastro-duodenal ulcer] Hillemand P. **Presse Med** 77:679-81, 12 Apr 69 **(Fre)**

PARATHYROID AND BONE

IV. Bone Metabolism and Related Topics

ONE AND BONES

dentification of two interchain crosslinks of bone and dentine collagen. Bailey AJ, et al.
Biochem Biophys Res Commun 34:663-71, 6 Jun 69

he periodate oxidation of bovine bone sialoprotein, and some observations on its structure. Andrews AT, et al. **Biochem J** 111:621-7, Mar 69

olation and characterization of the peptides derived from the alpha 2 chain of chick bone collagen after cyanogen bromide cleavage. Lane JM, et al.
Biochemistry (Wash) 8:2134-9, May 69

alcified tissues in the earliest vertebrates. Halstead LB. **Calcif Tissue Res** 3:107-24, 1969 (66 ref.)

tructure and function of glycoproteins. Kent PW.
Essays Biochem 3:105-51, 1967 (162 ref.)

ffects of training and 17-B estradiol upon heart rates, organ weights, and ligamentous strength of female rats. Booth FW, et al.
Int Z Angew Physiol 27:187-97, 1969

ome skeletal measurements in patients with primary anorexia nervosa. Crisp AH.
J Psychosom Res 13:125-42, Jun 69

adioactive isotope scanning.
Med Lett Drugs Ther 10:90-2, 1 Nov 68

lectron spin resonance in biological tissues. Mallard JR, et al. **Phys Med Biol** 14:373-96, Jul 69 (97 ref.)

lastic coefficients of animal bone. Lang SB.
Science 165:287-8, 18 Jul 69

Capabilities of tissue and organ regeneration in higher vertebrates] Veylon R.
Presse Med 77:771-3, 23 Apr 69 **(Fre)**

ABNORMALITIES

Proximal symphalangism of fingers associated with fusion of os naviculare and talus and occurrence of two accessory bones in the feet (os paranaviculare and os tibiale externum) in an European--Indonesian--Chinese family. Wildervanck LS, et al. **Acta Genet (Basel)** 17:166-77, 1967

Ocular findings in hereditary diaphyseal cysplasia (Engelmann's disease). Morse PH, et al.
Amer J Ophthal 68:100-4, Jul 69

Congenital unilateral ichthyosiform erythroderma. Cullen SI, et al. **Arch Derm (Chicago)** 99:724-9, Jun 69

Blepharophimosis and acquired somato-facial dysmorphism. Associated with congenital cataracts. Keating PD, et al.
Arch Ophthal (Chicago) 82:1-3, Jul 69

Unusual audiological findings in cranial metaphyseal dysplasia. Miller AL, et al.
Arch Otolaryng (Chicago) 89:861-4, Jun 69

Congenital abnormalities at birth: their association in the same patient. Nelson MM, et al.
Develop Med Child Neurol 11:3-16, Feb 69

Anomalous fusion between the lunate and triquetrum. Szaboky GT, et al.
J Bone Joint Surg [Amer] 51:1001-4, Jul 69

Rubinstein-Taybi syndrome. Roldan EC.
J Maine Med Ass 60:81-9, Apr 69

Cone-shaped epiphyses and other minor anomalies in the hands of normal British children. Iturriza JR de, et al. **J Pediat** 75:265-72, Aug 69

Generalized gangliosidosis. O'Brien J.
J Pediat 75:167-86, Aug 69

Disappearing defects. **Lancet** 1:1136, 7 Jun 69

Multiple basal cell naevus syndrome in ancient Egypt. Satinoff MI, et al. **Med Hist** 13:294-7, Jul 69

Fibrous dysplasia of the orbit. Moore RT.
Survey Ophthal 13:321-34, May 69 (26 ref.)

[Teratogenic sensitivity of inbred mice strains during early organogenesis] Degenhardt KH, et al.
Naunyn Schmiedeberg Arch Pharm Exp Path 260:104-5, 1968 **(Ger)**

[Clinical and anthropological studies of Rubinstein-Taybi syndrome] Rett A, et al.
Wien Med Wschr 119:378-83, 10 May 69 **(Ger)**

ANALYSIS

Failure to produce heparin osteoporosis in rats. Gudmundson C, et al.
Acta Pharmacol (Kobenhavn) 27:56-9, 1969

Observations on the total organ phosphorus content and radioactive orthophosphate distribution in the alloxanized rat. De Venanzi F, et al.
Acta Physiol Lat Amer 17:276-85, 1967

Studies on the distribution and elimination of [3H8] pyridoxine in mice. Dahlkvist G, et al.
Acta Physiol Scand 75:427-32, Mar 69

Potassium and milieu intérieur of bone. Canas F, et al.
Amer J Physiol 217:117-20, Jul 69

Studies of the action of vitamin D in the rat. Cheesman EM, et al. **Brit J Nutr** 23:371-5, Jun 69

Fluoride treatment of bone rarefaction in multiple myeloma and osteoporosis. A review. Cohen P, et al.
Clin Orthop 64:221-49, May-Jun 69 (105 ref.)

Blood and skeletal levels of 210Pb-210Po as a measure of exposure to inhaled radon daughter products. Blanchard RL, et al. **Health Phys** 16:585-96, May 69

Amino acid retention and balance in the young rat fed varying levels of casein. Bunce GE, et al.
J Nutr 98:168-76, Jun 69

Amino acid retention and balance in the young rat fed varying levels of lactalbumin. Bunce GE, et al.
J Nutr 98:159-67, Jun 69

Lead content of bones in a soft and a hard water area. Crawford MD, et al. **Lancet** 1:699-701, 5 Apr 69

Influence of zinc and vitamin D on bone constituents of the rat. Chang IH, et al. **Metabolism** 18:625-9, Jul 69

The role of acidosis in the etiology of pulmonary emphysema. Glauser EM, et al.
Proc Soc Exp Biol Med 131:1034-7, Jul 69

Parity and osteoporosis. Nilsson BE.
Surg Gynec Obstet 129:27-8, Jul 69

Effect of dietary cadmium on mice. Weber CW, et al.
Toxic Appl Pharmacol 14:420-5, May 69

[Crystallographic studies of bone minerals] Münzenberg KJ, et al.
Deutsch Med Wschr 94:1325-30, 20 Jun 69 **(Ger)**

ANATOMY & HISTOLOGY

Comparative anatomy of vertebrate dermal bone and teeth. I. The epidermal co-participation hypothesis. Moss ML. **Acta Anat (Basel)** 71:178-208, 1968

Recent developments in the identification of human skeletal material. Bass WM.
Amer J Phys Anthrop 30:459-61, May 69

The matrices of mineralizable tissues. Wassermann F, et al. **Int Dent J** 19:308-43, Jun 69

Functional anatomy and movement co-ordination of the respiratory pump of the carp (Cyprinus carpio L.). Ballintijn CM. **J Exp Biol** 50:547-67, Jun 69

Parity and osteoporosis. Nilsson BE.
Surg Gynec Obstet 129:27-8, Jul 69

[On the perivascular lymphatic circulation of the bone] Vizkelety T, et al. **Anat Anz** 124:37-48, 1969 **(Ger)**

[Studies on biochemistry, ultrastructure and guided activities of border surfaces in normal and pathologically altered bones] Heller W.
Med Welt 42:2299-302, 19 Oct 68 **(Ger)**

CYTOLOGY

An electron microscopic study of initial intramembranous osteogenesis. Bernard GW, et al.
Amer J Anat 125:271-90, Jul 69

Osteogenetic competence. Urist MR, et al.
Clin Orthop 64:194-220, May-Jun 69

Hypoxia and differentiation of cartilage and bone from common germinal cells in vitro. Hall BK.
Life Sci 8:533-8, 15 May 69

[On the perivascular lymphatic circulation of the bone] Vizkelety T, et al. **Anat Anz** 124:37-48, 1969 **(Ger)**

DRUG EFFECTS

Androgens and growth. Rayner PH.
Brit Med J 2:696, 14 Jun 69

Influence of hormones on bone. Smeenk D.
J Endocr 43:xiv-xv, Jan 69

Effect of dietary magnesium and fluoride on bone mineralization in young chicks. Spierto F, et al.
J Nutr 98:271-8, Jul 69

Influence of zinc and vitamin D on bone constituents of the rat. Chang IH, et al. **Metabolism** 18:625-9, Jul 69

[On the effects of anabolic steroids on development] Lukács FV, et al.
Acta Paediat Acad Sci Hung 9:337-53, 1968 (Ger)

[Clinical and biochemical effects of glucocorticoids as demonstrated by the example of Cushing's syndrome] Drews J. **Med Klin** 64:773-80, 25 Apr 69 (31 ref.) (Ger)

[Influence of parathyroid extract (PTE) on the citrate content and isocitric dehydrogenase activity in bones and some organs of the rat] Szot Z.
Acta Physiol Pol 20:1-11, Jan-Feb 69 (Pol)

[Acceleration of the excretion of barium-140] Koval' IuF, et al. **Radiobiologiia** 7:385-6, May-Jun 67 (Rus)

EMBRYOLOGY

In vitro enzymic biosynthesis of two inter-chain crosslinks of bone collagen. Bailey AJ, et al.
Biochem Biophys Res Commun 34:672-5, 6 Jun 69

Identification of two interchain crosslinks of bone and dentine collagen. Bailey AJ, et al.
Biochem Biophys Res Commun 34:663-71, 6 Jun 69

Amino acid transport in adult diaphyseal bone: contrast with amino acid transport mechanisms in fetal membranous bone. Hahn TJ, et al.
Biochim Biophys Acta 183:194-203, 3 Jun 69

Effect of phosphate, calcium and magnesium on bone resorption and hormonal responses in tissue culture. Raisz LG, et al. **Endocrinology** 85:446-52, Sep 69

Hypoxia and differentiation of cartilage and bone from common germinal cells in vitro. Hall BK.
Life Sci 8:533-8, 15 May 69

ENZYMOLOGY

In vitro enzymic biosynthesis of two inter-chain crosslinks of bone collagen. Bailey AJ, et al.
Biochem Biophys Res Commun 34:672-5, 6 Jun 69

Disc electrophoresis of alkaline phosphatases: mobility changes caused by neuraminidase. Smith I, et al.
Clin Chim Acta 25:17-9, Jul 69

Effect of copper deficiency on chick bone collagen and selected bone enzymes. Rucker RB, et al.
J Nutr 98:57-63, May 69

[Histochemical investigations of bone after incorporation of Ra-224 (Thorium X)] Gössner W, et al. **Verh Deutsch Ges Path** 52:334-8, 1968 (Ger)

[Influence of parathyroid extract (PTE) on the citrate content and isocitric dehydrogenase activity in bones and some organs of the rat] Szot Z.
Acta Physiol Pol 20:1-11, Jan-Feb 69 (Pol)

GROWTH & DEVELOPMENT

Sex-associated differences in skeletal maturity. Roche AF. **Acta Anat (Basel)** 71:321-40, 1968

Child health care. 4. Foot development. McIntyre DI.
Appl Ther 11:281-2, May 69

Effect of combinations of temperature and light on skeletal development and the growth rate of incisors in rats. Nakamoto T, et al.
J Dent Res 48:461-6, May-Jun 69

[On the influence of phenprocoumarol on osteon growth] Schlachetzki J, et al.
Z Ges Exp Med 149:56-63, 8 Jan 69 (Ger)

INJURIES

The origin of fat emboli after injury. Gurd AR, et al.
Brit J Surg 56:614, Aug 69

[Lamellar periosteal neoformations of bone and indiopathic periosteal hyperostosis associated with dysproteinemia] Münzenberg KJ, et al.
Munchen Med Wschr 111:1045-50, 2 May 69 (Ger)

METABOLISM

In vitro enzymic biosynthesis of two inter-chain crosslinks of bone collagen. Bailey AJ, et al.
Biochem Biophys Res Commun 34:672-5, 6 Jun 69

Effect of tetracycline on collagen biosynthesis in cultured embryonic bones. Halme J, et al.
Biochem Pharmacol 18:827-36, Apr 69

Amino acid transport in adult diaphyseal bone: contrast with amino acid transport mechanisms in fetal membranous bone. Hahn TJ, et al.
Biochim Biophys Acta 183:194-203, 3 Jun 69

Fluoride treatment of bone rarefaction in multiple myeloma and osteoporosis. A review. Cohen P, et al.
Clin Orthop 64:221-49, May-Jun 69 (105 ref.)

The effects of chronic acid and alkali administration on bone turnover in adult rats. Barzel US, et al.
Clin Sci 36:517-24, Jun 69

Actions of insulin and growth hormone on colagen and chondroitin sulfate synthesis in bone organ cultures. Wettenhall RE, et al. **Diabetes** 18:280-4, May 69

Effect of thyroparathyroidectomy on skeletal sodium metabolism in the rat. Coleman EH, et al.
Endocrinology 85:175-6, Jul 69

Importance of thyroid hormones in bone metabolism and calcium homeostasis. Jowsey J, et al.
Endocrinology 85:87-95, Jul 69

Effect of phosphate, calcium and magnesium on bone resorption and hormonal responses in tissue culture. Raisz LG, et al. **Endocrinology** 85:446-52, Sep 69

Studies on the mechanism of action of thyrocalcitonin: inhibition with acetazolamide. Stahl PD, et al.
Endocrinology 85:161-4, Jul 69

Metaboli of radionuclides in workers. Butler GC.
Environ Health Ser [Radiol Health] 33:33-44, Sep 68

In vivo measurement of lead-210 as an indicator of cumulative radon daughter exposure in uranium miners. Eisenbud M, et al.
Health Phys 16:637-46, May 69

The effects of whole- or partial-body 1000 kVp x-irradiation on the bone marrow of the dog. II. Preliminary 59Fe uptake measurements. Maille HD, et al. **Health Phys** 16:345-8, Mar 69

Effective dose of DTPA, spaced at 3 day intervals, in removal of skeletal plutonium. Rosenthal MW, et al.
Health Phys 16:806-8, Jun 69

Detection of neoplastic bone lesions by quantitative scanning and radiography. Greenberg EJ, et al.
J Nucl Med 9:613-20, Dec 68

Rare earth nuclides as potential agents for skeletal imaging. O'Mara RE, et al. **J Nucl Med** 10:49-51, Jan 69

Kinetics of radionuclides used for bone studies. Weber DA, et al. **J Nucl Med** 10:8-17, Jan 69

Effect of copper deficiency on chick bone collagen and selected bone enzymes. Rucker RB, et al.
J Nutr 98:57-63, May 69

Effect of dietary magnesium and fluoride on bone mineralization in young chicks. Spierto F, et al.
J Nutr 98:271-8, Jul 69

Skeletal changes after tibial fracture in the rat. Wray JB, et al. **J Surg Res** 9:433-9, Jul 69

Influence of zinc and vitamin D on bone constituents of the rat. Chang IH, et al. **Metabolism** 18:625-9, Jul 69

Retention of radium in man. Marshall JH, et al.
Radiat Res 39:445-51, Aug 69

Strontium-90 in human bone, January-March 1968.
Radiol Health Data Rep 10:175-8, Apr 69

Regulation of the plasma ionized calcium and its therapeutic control in patients treated by regular hemodialysis. Kaye M, et al.
Trans Amer Soc Artif Intern Organs 15:341-6, 1969

[The utilization of basic minerals in cariogenic and anti-caries diet. An observation in the offspring] Filipinský M, et al. **Cesk Stomat** 69:145-9, May 69 (Cze)

[New possibilities for the diagnosis of metabolic bone diseases] Pacovský V, et al.
Vnitrni Lek 15:442-5, May 69 (Cze)

[Generalization on the various circumstances of age, sex, nutrition, and efficacity of lactose on the utilisation of alkaline earths, determined by means of Sr85 in the rat] Fournier P, et al.
C R Acad Sci [D] (Paris) 268:562-5, 20 Jan 69 (Fre)

[Specific activity of the aorta measured by radioactive sodium in uninephrectomized rats with experimental hypertension (DOCA and salt)] Zech P, et al.
C R Soc Biol (Paris) 162:1371-5, 8 Feb 69 (Fre)

[Clinical and biochemical effects of glucocorticoids as demonstrated by the example of Cushing's syndrome] Drews J. **Med Klin** 64:773-80, 25 Apr 69 (31 ref.) (Ger)

[Histochemical investigations of bone after incorporation of Ra-224 (Thorium X)] Gössner W, et al. **Verh Deutsch Ges Path** 52:334-8, 1968 (Ger)

[On the deposition of mineral salts during the healing process of a tibial fracture in the albino rat] Trevisi M, et al. **Chir Organi Mov** 57:333-41, 1969 (Ita)

[Osteoporosis caused by corticoids] Bevilacqua M. **Minerva Med** 60:2859-69, 21 Jul 69 **(Ita)**

[Metabolic anomaly involving acid mucopolysaccharides-with reference to the current progress in biochemistry] Usui T. **Jap J Clin Med** 27:417-32, Feb 69 (146 ref.) **(Jap)**

[The distribution of uranium in the rat organism in the inhalation of ammonium diuranate] Galibin GP. **Gig Sanit** 32:40-3, Dec 67 **(Rus)**

[The effect of immunization on the kinetics of administration of strontium-90 and certain indices of natural immunity] Nevstrueva MA, et al. **Gig Sanit** 32:44-7, Sep 67 **(Rus)**

[On the evaluation of the physico-chemical conditions of isotopes in body tissues] Liubashevskiĭ NM, et al. **Med Radiol (Moskva)** 13:69-70, Aug 68 **(Rus)**

[Effect of binding of strontium, yttrium and cesium isotopes by blood proteins on their accumulation in tissues] Liubashevskiĭ NM. **Radiobiologiia** 8:754-5, Sep-Oct 68 **(Rus)**

[The behavior of Pu239 in the bodies of rats after a single inhalation of various of its chemical compounds] Liubchanskiĭ ER. **Radiobiologiia** 7:541-7, Jul-Aug 67 **(Rus)**

[On the kinetics of the accumulation and excretion of strontium-90] Moskalev IuI, et al. **Radiobiologiia** 7:381-4, May-Jun 67 **(Rus)**

PATHOLOGY

The effects of pathology on skeletal populations. Stewart TD. **Amer J Phys Anthrop** 30:443-9, May 69

New bone formation and osteoid seam thickness. Appositional rate in patients undergoing renal dialysis. Sarnsethsiri P, et al. **Arch Path (Chicago)** 88:49-53, Jul 69

Skeletal and reticular tissue disorders produced in mice by agent(s) from Sarcoma 37. Merwin RM, et al. **J Nat Cancer Inst** 43:365-76, Aug 69

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 33-1969. **New Eng J Med** 281:375-83, 14 Aug 69

Extradural spinal cyst, mechanism of spinal cord compression. Das G. **New York J Med** 69:959-64, 1 Apr 69 (28 ref.)

The pathology of rheumatoid arthritis. Corson JM. **Surg Clin N Amer** 49:733-40, Aug 69

[Study of a further case of primary hyperparathyroidism due to hyperplasia in a 1-month-old child] Farriaux JP, et al. **Ann Pediat (Paris)** 15:716-23, 2 Nov 68 **(Fre)**

[Myeloma and osteocondensation (anatomic-clinical discussion)] Sultan C, et al. **Nouv Rev Franc Hemat** 9:435-46, May-Jun 69 **(Fre)**

[Osteomalacia] Kaplan G. **Presse Med** 77:757-60, 23 Apr 69 **(Fre)**

[Histiocytosis X. Electron microscopy. "In vitro" culture and histoenzymology. Apropos of 21 cases] Basset F, et al. **Rev Franc Etud Clin Biol** 14:31-45, Jan 69 **(Fre)**

[Development of intra-osseous necrosis in pancreatic disease] Liszka G, et al. **Acta Med Acad Sci Hung** 26:61-72, 1969 **(Ger)**

PHYSIOLOGY

The effect of protection on the impact strength of rabbits' bones. Currey JD. **Acta Anat (Basel)** 71:87-93, 1968

Permanent electric polarization and pyroelectric behaviour of the vertebrate skeleton. 3. The axial skeleton of man. Athenstaedt H. **Z Zellforsch** 93:484-504, 1969

PHYSIOPATHOLOGY

Age-related changes in the bones of adult mice. Rao GV, et al. **J Geront** 24:149-51, Apr 69

Skeletal changes after tibial fracture in the rat. Wray JB, et al. **J Surg Res** 9:433-9, Jul 69

RADIATION EFFECTS

Skeletal development of mice x-irradiated in utero. Rugh R, et al. **Amer J Anat** 125:169-75, Jun 69

The effects of radiation on bone. Jee WS. **Environ Health Ser [Radiol Health]** 33:59-60, Sep 68

Skeletal changes following irradiation of childhood tumors. Katzman H, et al. **J Bone Joint Surg [Brit]** 51:825-42, Jul 69

Bone-remodeling dynamics following local X irradiation. I. Bures MF, et al. **J Dent Res** 48:376-84, May-Jun 69

Prediction of the maximum dosage to man from the fallout of nuclear devices V. Estimation of the maximum dose from internal emitters in aquatic food supply. UCRL-50163 Part V. Tamplin AR, et al. **US AEC Univ Calif Radiat Lab (Livermore)** 1-16, 10 Sep 68

[Histochemical investigations of bone after incorporation of Ra-224 (Thorium X)] Gössner W, et al. **Verh Deutsch Ges Path** 52:334-8, 1968 **(Ger)**

[Changes in the long bones of children after radiotherapy] Shurygin VP. **Med Radiol (Moskva)** 12:37-42, Oct 67 **(Rus)**

RADIOGRAPHY

The Prader-Labhart-Willi syndrome: review of the literature and report of nine cases. Dunn HG. **Acta Paediat Scand Suppl** 186:1+, 1968

Neutron radiography in biologic media. Techniques, observations, and implications. Brown M, et al. **Amer J Roentgen** 106:472-85, Jul 69

X-ray density changes in the human heel during bed rest. Vose GP, et al. **Amer J Roentgen** 106:486-90, Jul 69

Progeria. Case description. Kaiman H, et al. **Clin Pediat (Phila)** 8:411-5, Jul 69

How to reconize congenital rubella. Plotkin SA. **Clin Pediat (Phila)** 8:403-4, Jul 69

Anomalous fusion between the lunate and triquetrum. Szaboky GT, et al. **J Bone Joint Surg [Amer]** 51:1001-4, Jul 69

Radiographic study of the navicular bone in the equine species. Jones SL. **Radiol Techn** 41:31-5, Jul 69

Parity and osteoporosis. Nilsson BE. **Surg Gynec Obstet** 129:27-8, Jul 69

[Myeloma and osteocondensation (anatomic-clinical discussion)] Sultan C, et al. **Nouv Rev Franc Hemat** 9:435-46, May-Jun 69 **(Fre)**

[Macroradiography and microradiography of the bone tissue (technical and methodological review; practical applications)] Garusi GF. **Fracastoro** 60:409-37, Sep-Oct 67 (146 ref.) **(Ita)**

[Some roentgenological changes in the metaphyseal and epiphyseal zones during disturbances of general body growth in length] Tikhonov VA. **Vestn Rentgen Radiol** 42:52-8, Nov-Dec 67 **(Rus)**

SURGERY

The results obtained with a pedicled bone graft according to the method of Judet in the treatment of medial fractures of the femoral neck. Wittebol P. **Arch Chir Neerl** 21:169-82, 1969

Reverse dermis grafts on bare bone. Stallings JO, et al. **Arch Otolaryng (Chicago)** 90:79-82, Jul 69

Pilot point drill, a new instrument. Sideman S. **Int Surg** 52:179, Aug 69

Bone and tooth cutting in oral surgery. A review of methods in current use. Corkery PF. **J Irish Dent Ass** 15:27-30, Apr-May 69

Repair by screwing in hand and foot bone surgery. Troques R. **Panminerva Med** 11:209-16, Apr 69

[Reaction of the organism to endoprostheses from plastic material in bone surgery] Pavlanský R, et al. **Cas Lek Cesk** 108:727-30, 8 Jun 69 **(Cze)**

[Capabilities of tissue and organ regeneration in higher vertebrates] Veylon R. **Presse Med** 77:771-3, 23 Apr 69 **(Fre)**

CALCIFICATION, PHYSIOLOGIC

An electron microscopic study of initial intramembranous osteogenesis. Bernard GW, et al. **Amer J Anat** 125:271-90, Jul 69

Intracellular pH during calcification. A study of the avian shell gland. Simkiss K. **Biochem J** 111:647-52, Mar 69

Studies of the action of vitamin D in the rat. Cheesman EM, et al. **Brit J Nutr** 23:371-5, Jun 69

Calcified tissues in the earliest vertebrates. Halstead LB. **Calcif Tissue Res** 3:107-24, 1969 (66 ref.)

Changes associated with experimental skin calcification. II.Changes of lipid, water content, and minerals during calcium accumulation. Yoshinari T, et al. **Canad J Physiol Pharmacol** 47:505-10, Jun 69

The influence of genetic differences, nutrition and sex on the radiological appearances of the lower limb

ossification centres in newborn twins. Parkin JM, et al. **Hum Biol** 41:1-12, Feb 69

The matrices of mineralizable tissues. Wassermann F, et al. **Int Dent J** 19:308-43, Jun 69

Effect of dietary magnesium and fluoride on bone mineralization in young chicks. Spierto F, et al. **J Nutr** 98:271-8, Jul 69

Influence of zinc and vitamin D on bone constituents of the rat. Chang IH, et al. **Metabolism** 18:625-9, Jul 69

Early stages of in vitro calcification of human aortic tissue. Ellberg R, et al. **Nature (London)** 223:518-20, 2 Aug 69

Scanning electron microscopy of cementum and Sharpey fibre bone. Boyde A, et al. **Z Zellforsch** 92:536-48, 1968

Collagen formation and calcification in teleost scales. Brown GA, et al. **Z Zellforsch** 93:571-82, 1969

[The thyroid and calcium metabolism] Arvy L. **J Physiol (Paris)** 60:405-48, Sep-Oct 68 (210 ref.) **(Fre)**

[On the morphological picture of skull vault fracture healing] Fischer H. **Acta Neurochir (Wien)** 19:171-82, 1968 **(Ger)**

[Studies on the human rib-cartilage. 1. A comparative study of radiological findings of calcification and ossification of the human rib-cartilage with its histological findings] Nishino K. **Kekkaku** 44:131-7, Apr 69 **(Jap)**

CALCIUM

METABOLISM

The treatment of osteoporosis with calcium infusions. Clinical studies. Pak CY, et al. **Amer J Med** 47:7-16, Jul 69

Massive subendocardial damage accompanying prolonged ventricular fibrillation. Ghidoni JJ, et al. **Amer J Path** 56:15-29, Jul 69

Calcium transport by rat colon in vitro. Harrison HC, et al. **Amer J Physiol** 217:121-5, Jul 69

Influence of sodium on calcium transport by the rat small intestine. Martin DL, et al. **Amer J Physiol** 216:1351-9, Jun 69

Comparison of in vivo and in vitro effects of vitamin D on calcium transport in the rat. Urban E, et al. **Amer J Physiol** 217:126-30, Jul 69

Membrane potential and muscle function. Hofmann WW. **Ann Rev Med** 20:101-30, 1969 (255 ref.)

Glomerular (azotemic) osteodystrophy. Kyle LH. **Ann Rev Med** 20:259-76, 1969 (72 ref.)

Glucagon. Lawrence AM. **Ann Rev Med** 20:207-22, 1969 (149 ref.)

Bone and joint changes in haemochromatosis. Wardle EN, et al. **Ann Rheum Dis** 28:15-23, Jan 69

The effect of uncoupling agents and detergents on the movements of monovalent cations between mitochondria and medium. Carafoli E, et al. **Arch Biochem** 131:527-37, May 69

The relation of respiration-dependent proton transfer to mitochondrial structure. Packer L, et al. **Arch Biochem** 131:386-403, May 69

Kinetic studies of temperature changes and oxygen uptake in a differential calorimeter: energy balance during calcium accumulation by mitochondria. Poe M. **Arch Biochem** 132:377-87, Jul 69

Inhibition by formaldehyde of energy transfer and related processes in rat liver mitochondria. II. Effects on energy-linked reactions in intact mitochondria and phosphorylating particles. Van Buskirk JJ, et al. **Arch Biochem** 132:130-8, Jun 69

Uptake and retention of fluoride by teeth of dogs of different ages. Saunders M, et al. **Arch Oral Biol** 14:365-72, Apr 69

Adenyl cyclase and hormone action. 3. Calcium requirement for ACTH stimulation of adenyl cyclase. Bär HP, et al. **Biochem Biophys Res Commun** 34:681-6, 6 Jun 69

Demonstration of adenyl cyclase activity in canine cardiac sarcoplasmic reticulum. Entman ML, et al. **Biochem Biophys Res Commun** 34:728-33, 6 Jun 69

Ion flux coupled to the mitochondrial oxidation of tetramethyl-p-phenylenediamine. Howland JL, et al. **Biochem Biophys Res Commun** 35:331-7, 8 May 69

Calcium carrier and the "high affinity calcium binding site" in mitochondria. Mela L, et al. **Biochem Biophys Res Commun** 35:556-9, 22 May 69

Effect of acetylcholine on the subcellular distribution of 45Ca in bovine adrenal medulla. Borowitz JL. **Biochem Pharmacol** 18:715-23, Apr 69

Calcium binding properties of sarcoplasmic reticulum membranes. Cohen A, et al. **Biochim Biophys Acta** 183:27-35, 3 Jun 69

Inhibition of sarcotubular calcium transport by caffeine: species and temperature dependence. Fuchs F. **Biochim Biophys Acta** 172:566-70, 8 Apr 69

Transport phenomena associated with the deposition and disappearance of pyrophosphate granules in Tetrahymena pyriformis. Rosenberg H, et al. **Biochim Biophys Acta** 184:191-7, 17 Jun 69

The effect of some local anesthetic compounds on sarcotubular calcium transport. Wilcox WD, et al. **Biochim Biophys Acta** 180:210-2, May 69

The pH dependency of relative ion permeabilities in the crayfish giant axon. Strickholm A, et al. **Biophys J** 9:873-83, Jul 69

The action of phosphonates on the leucocyte in relation to the mode of action of leucocidin. The properties of the potassium pump and the inhibition of chemotaxis. Woodin AM, et al. **Brit J Exp Path** 50:295-308, Jun 69

Metabolic study of hyperparathyroid and other renal stone formers using a very low intake of calcium and magnesium. Keynes WM, et al. **Brit J Surg** 56:624, Aug 69

Relation between plasma lignocaine levels and induced haemodynamic changes. Binnion PF, et al. **Brit Med J** 3:390-2, 16 Aug 69

Diuretics. I--Benzothiadiazines and related drugs. **Brit Med J** 3:157-8, 19 Jul 69

Effect of cardiotonic lactones on calcium metabolism of dog cardiac microsomes. Entman ML, et al. **Circ Res** 24:793-8, Jun 69

Effect of ouabain on the energy output of rabbit cardiac muscle. Gibbs CL, et al. **Circ Res** 24:951-67, Jun 69

A qualitative distinction between the beta-receptor-blocking and local anesthetic actions of antiarrhythmic agents. Shinebourne E, et al. **Circ Res** 24:835-41, Jun 69

Buffers in the blood of the snail, Helix pomatia L. Burton RF. **Comp Biochem Physiol** 29:919-30, Jun 69

Caffeine-induced activation of contraction in stick insect skeletal muscle. Huddart H. **Comp Biochem Physiol** 28:1185-92, Mar 69

Intracellular concentrations and the efflux kinetics of sodium and calcium from frog skeletal muscles. Van der Kloot WG, et al. **Comp Biochem Physiol** 29:125-36, Apr 69

Effects of thyrocalcitonin on calcium transport in kidney cells. Borle AB. **Endocrinology** 85:194-9, Aug 69

Importance of thyroid hormones in bone metabolism and calcium homeostasis. Jowsey J, et al. **Endocrinology** 85:87-95, Jul 69

Effect of phosphate, calcium and magnesium on bone resorption and hormonal responses in tissue culture. Raisz LG, et al. **Endocrinology** 85:446-52, Sep 69

Mode of hypocalcemic action of glucagon in the rat. Williams GA, et al. **Endocrinology** 85:538-41, Sep 69

Effect of tetrodotoxin on Ascaris somatic muscle. Jarman M, et al. **Experientia** 25:507, 15 May 69

Calcium alginate: a new approach in the artificial culturing of insects, applied to Spodoptera littoralis (Boisduval). Moore I, et al. **Experientia** 25:221-2, 15 Feb 69

Nitrogen and mineral metabolism at altitude. Johnson HL, et al. **Fed Proc** 28:1195-8, May-Jun 69

Patterns of elemental excretion in long term balance studies. Tipton IH, et al. **Health Phys** 16:455-62, Apr 69

Effects of phenylephrine, butylsympatol, pilocarpine, and lithium on runout of 86Rb from isolated rabbit ciliary processes. Vale J, et al. **Invest Ophthal** 8:422-33, Aug 69

Two cases of renal disease with unusual disturbances in calcium metabolism. Brod J, et al. **Israel J Med Sci** 5:91-7, Jan-Feb 69

Ultrastructure of sarcoplasmic reticulum preparations. Deamer DW, et al. **J Cell Biol** 42:296-307, Jul 69

Electrical and mechanical characteristics of a very fast lobster muscle. Mendelson M. **J Cell Biol** 42:548-63, Aug 69

Sarcoplasmic reticulum of an unusually fast-acting crustacean muscle. Rosenbluth J. **J Cell Biol** 42:534-47, Aug 69

Effects of polypeptide and protein hormones on lipid monolayers. I. Effect of insulin and parathyroid hormone on monomolecular films of monooctadecyl phosphate and stearic acid. Kafka MS, et al. **J Gen Physiol** 54:134-43, Jul 69

Effect of dietary magnesium and fluoride on bone mineralization in young chicks. Spierto F, et al. **J Nutr** 98:271-8, Jul 69

Possible involvement of cardiac Na+, K+-adenosine

triphosphatase in the mechanism of action of cardiac glycosides. Schwartz A, et al.
J Pharmacol Exp Ther 168:31-41, Jul 69
Effect of Na,K and adrenaline on the Ca efflux from frog's ventricle. Lamb JF.
J Physiol (London) 202:85P-87P, Jun 69
Determination of calcium movements in heart ventricles of the frog. Niedergerke R, et al.
J Physiol (London) 202:58P-60P, Jun 69
The effect of bradykinin on the isolated human myometrial strip. Senior JB, et al.
J Reprod Fertil 18:551-2, Apr 69
Studies on the promoting factors of galactose and lactose metabolism in the whey. II. The effect of the promoting factors on the galactose and lactose metabolism upon the activity of D-glucose-6-phosphate. NADP oxidoreductase and the electrolytes included in the eye-ball of the cataract rat. Tamura S, et al.
Jap J Pharmacol 19:163-7, Mar 69
Neonatal metabolism of calcium and fat. Southgate DA, et al. **Lancet** 1:1319, 28 Jun 69
Free fatty acids as a factor modifying properties of fragmented sarcoplasmic reticulum during ageing. Sarzala MG, et al. **Life Sci** 8:477-83, 15 May 69
Early stages of in vitro calcification of human aortic tissue. Eilberg R, et al.
Nature (London) 223:518-20, 2 Aug 69
Uptake of calcium by platelet relaxing factor. Statland BE, et al. **Nature (London)** 223:521-2, 2 Aug 69
Muscle contracture induced by exercise. A syndrome attributable to decreased relaxing factor. Brody IA.
New Eng J Med 281:187-92, 24 Jul 69
Calcium and CNS symptoms. Dujovne CA, et al.
New Eng J Med 281:271-2, 31 Jul 69
Plasma lactate and interstitial calcium. Lassers BW, et al. **New Eng J Med** 281:221-2, 24 Jul 69
Calcium homeostasis. Geary CP.
New Zeal Dent J 65:115-7, Apr 69
Vitamin D therapy of hypoparathyroidism.
Nutr Rev 27:71-2, Mar 69
Changes of adenosine triphosphatase activity and tension with fibre elongation in glycerinated insect fibrillar flight muscle. Chaplain RA.
Pflueger Arch 307:120-6, 1969
Thyrocalcitonin. Hirsch PF, et al.
Physiol Rev 49:548-622, Jul 69 (408 ref.)
Role of magnesium, phosphate and ATP in the regulation of calcium uptake by rat-liver mitochondria. Haugaard N, et al.
Proc Kon Nederl Akad Wet [Biol Med] 72:1-15, 1969
New developments in the understanding of the actions of the digitalis glycosides. Mason DT, et al.
Progr Cardiovasc Dis 11:443-78, May 69 (138 ref.)
Effects on swine of unilateral neutron irradiation, calcium, and zinc. Rosas H, et al.
Radiat Res 39:164-75, Jul 69
25-hydroxycholecalciferol: direct effect on calcium transport. Olson EB, et al. **Science** 165:405-7, 25 Jul 69
Calcium metabolism after subtotal parathyroidectomy in chronic renal failure. Johnson JW, et al.
Trans Amer Soc Artif Intern Organs 15:333-40, 1969
Changes in enzyme activity and electrolite content in the myocardium in experimental myocardial hypertrophy and insufficiency. Vihert AM, et al.
Virchow Arch [Path Anat] 347:44-56, 1969
[Calcium and the digestive tract. I. Effect of calcium in the physiology, pathology, and therapy of the organs of the digestive tract] Kocián J.
Cesk Gastroent Vyz 23:176-84, Jun 69 (73 ref.) **(Cze)**
[The utilization of basic minerals in cariogenic and anti-caries diet. An observation in the offspring] Filipinský M, et al. **Cesk Stomat** 69:145-9, May 69 **(Cze)**
[Generalization on the various circumstances of age, sex, nutrition, and efficacity of lactose on the utilisation of alkaline earths, determined by means of Sr85 in the rat] Fournier P, et al.
C R Acad Sci [D] (Paris) 268:562-5, 20 Jan 69 **(Fre)**
[The thyroid and calcium metabolism] Arvy L.
J Physiol (Paris) 60:405-48, Sep-Oct 68 (210 ref.) **(Fre)**
[Osteomalacia] Kaplan G.
Presse Med 77:757-60, 23 Apr 69 **(Fre)**
[Effect of thyroid and adrenal dysfunction on changes in tissue concentration of calcium and glucose] Boltanski E. **Sem Hop Paris** 44:3205-8, 14 Dec 68 **(Fre)**
[Visceral calcinosis induced by intravenous phosphate perfusions in myelomatous hypercalcemia] Deshayes P, et al. **Sem Hop Paris** 45:444-9, 8 Feb 69 **(Fre)**
[On the endocrine regulation of the blood-calcium level. I. The role of the thymus gland in the calcium regulation in rats] Csaba G, et al.
Acta Med Acad Sci Hung 26:179-86, 1969 **(Ger)**
[Phosphatic diabetes]
Deutsch Med Wschr 94:27-8, 25 Jul 69 **(Ger)**
Activation analysis of resorbed elements by enriched stable isotopes] Ritzl F, et al.
Elektromedizin 12:236-9, Nov 67 **(Ger)**
[Ecology of the fresh-water fauna. Still waters] Schwoerbel J. **Fortschr Zool** 19:283-321, 1968 **(Ger)**
[Ion metabolism of the healthy and insufficient heart] Heinrich K.
Med Klin 64:819-22, 2 May 69 (38 ref.) **(Ger)**
[Compensation of artificial hypercalcemia depending on thyroid gland function] Schwarz G.
Med Klin 64:537-9, 21 Mar 69 **(Ger)**
[On the contraction unleashing effect of inhibitors of active calcium transport (chlorpromazine, prenylamine, reserpine) on the frog rectus and sartorius] Balzer H, et al.
Naunyn Schmiedeberg Arch Pharm Exp Path 260:93-4, 1968 **(Ger)**
[On the effect of choline chloride and strontium chloride on 45Ca-effluence in the guinea pig atrium] Glitsch HG, et al.
Naunyn Schmiedeberg Arch Pharm Exp Path 260:121-2, 1968 **(Ger)**
[Changes in the K- and Na content of baker's yeast under the influence of polyene antibiotics] Hameister W.
Naunyn Schmiedeberg Arch Pharm Exp Path 260:133, 1968 **(Ger)**
[Ca plus 2-influx in the isolated taenia coli of the guinea pig at 13 degrees C, during rest and during electric stimulation] Lammel E, et al.
Pflueger Arch 307:R85-6, 1969 **(Ger)**
[2 inward components of the membrane current in myocardium] Mascher D, et al.
Pflueger Arch 307:R32-3, 1969 **(Ger)**
[Is energetic-dynamic heart failure only a syndrome?] Hegglin R, et al.
Schweiz Med Wschr 99:693-8, 10 May 69 **(Ger)**
[Metabolic changes observed in idiopathic scoliosis in children] Frontino G, et al.
Arch Putti 23:384-92, 1968 **(Ita)**
[Aspects of phospho-calcic metabolism in the aged] Lo Bruno D, et al. **G Geront** 16:1201-26, Nov 68 **(Ita)**
[Intestinal absorption in the aged] Lucchini CR.
G Geront 15:903-15, Aug 67 (57 ref.) **(Ita)**
[Osteoporosis caused by corticoids] Bevilacqua M.
Minerva Med 60:2859-69, 21 Jul 69 **(Ita)**
[Current problems of the organic transport of calcium in the field of physiopathology. I. The 3 fundamental aspects of vitamin D] Nordio S.
Minerva Pediat 19:1611-5, 1 Sep 67 **(Ita)**
[Different responses to anabolizing steroid therapy in premature and dystrophic infants] Vaccari A, et al.
Minerva Pediat 19:2007-11, 10 Nov 67 **(Ita)**
[Studies on calcium and nitrogen retention from habitual diet in a selected group of preschool children. II. Results of studies on the average requirement and nutrition methods of children] Rakowska M, et al.
Roczn Panstw Zakl Hig 20:85-92, 1969 **(Pol)**
[3 processes underlying calcium levels in the contractile system of skeletal muscle fibers] Zhukov EK. **Fiziol Zh SSSR Sechenov** 53:1393-9, Nov 67 **(Rus)**
[Corticoid-induced lesions of the skeleton] Jesserer H.
Folia Clin Int (Barc) 17:403-10, Sep 67 **(Spa)**
[Pyelonephritic migraine syndrome. Its causes and treatment] Márquez FJ, et al.
Rev Argent Urol 37:142-8, Jan-Jul 68 **(Spa)**

CHOLECALCIFEROL

ADMINISTRATION & DOSAGE

[Absorption of H3-labelled vitamin D3 in nutritional osteomalacia] Miravet L, et al.
Sem Hop Paris 45:531-8, 14 Feb 69 **(Fre)**

BLOOD

The role of the liver in the metabolism of vitamin D. Ponchon G, et al. **J Clin Invest** 48:1273-9, Jul 69
Ethanol-induced artifacts in the metabolism of 3H-vitamin D3. Ponchon G, et al.
Proc Soc Exp Biol Med 131:727-31, Jul 69

METABOLISM

The role of the liver in the metabolism of vitamin D. Ponchon G, et al. **J Clin Invest** 48:1273-9, Jul 69
Ethanol-induced artifacts in the metabolism of 3H-vitamin D3. Ponchon G, et al. **Proc Soc Exp Biol Med** 131:727-31, Jul 69
[Absorption of H3-labelled vitamin D3 in nutritional osteomalacia] Miravet L, et al. **Sem Hop Paris** 45:531-8, 14 Feb 69 **(Fre)**

PHARMACODYNAMICS

25-hydroxycholecalciferol: direct effect on calcium transport. Olson EB, et al. **Science** 165:405-7, 25 Jul 69

THERAPEUTIC USE

The synthesis of 25-hydroxycholecalciferol. A biologically active metabolite of vitamin D3. Blunt JW, et al. **Biochemistry (Wash)** 8:671-5, Feb 69

DIHYDROTACHYSTEROL

Calcification in corneas with alloxan-induced vascularization. Obenberger J. **Amer J Ophthal** 68:113-9, Jul 69
[Development of calcifying arteriopathies following administration of vitamin D and its derivatives in animal experiments] Churý Z, et al. **Cesk Pediat** 24:391-5, May 69 **(Cze)**

ADVERSE EFFECTS

[On the inhibitory effect of metal salts on experimental vascular calcinosis] Drescher S. **Beitr Path Anat** 139:74-93, 1969 **(Ger)**
[On the inhibitory effect of phosphate compounds on experimental vascular calcinosis] Seifert G, et al. **Beitr Path Anat** 139:59-73, 1969 **(Ger)**
[Morphology and adenosine phosphate in experimental nephrocalcinosis] Lunglmayr G, et al. **Z Ges Exp Med** 148:204-9, 1968 **(Ger)**

ANTAGONISTS & INHIBITORS

[On the inhibitory effect of metal salts on experimental vascular calcinosis] Drescher S. **Beitr Path Anat** 139:74-93, 1969 **(Ger)**
[On the inhibitory effect of phosphate compounds on experimental vascular calcinosis] Seifert G, et al. **Beitr Path Anat** 139:59-73, 1969 **(Ger)**

ERGOCALCIFEROL

ADMINISTRATION & DOSAGE

[Hypervitaminosis D2 due to daily ingestion of hydro-alcoholic solution of 400 U.I. per drop. Recovery following calcium-free diet and corticotherapy] Marie J, et al. **Ann Pediat (Paris)** 16:24-6, 2 Jan 69 **(Fre)**
[Liquefying effect on suppurations of an oral dose of calciferol] Brincourt J. **Presse Med** 77:467-70, 15 Mar 69 **(Fre)**

ADVERSE EFFECTS

[Hypervitaminosis D2 due to daily ingestion of hydro-alcoholic solution of 400 U.I. per drop. Recovery following calcium-free diet and corticotherapy] Marie J, et al. **Ann Pediat (Paris)** 16:24-6, 2 Jan 69 **(Fre)**
[Liquefying effect on suppurations of an oral dose of calciferol] Brincourt J. **Presse Med** 77:467-70, 15 Mar 69 **(Fre)**

BIOSYNTHESIS

25-hydroxyergocalciferol: a biologically active metabolite of vitamin D2. Suda T, et al. **Biochem Biophys Res Commun** 35:182-5, 29 Apr 69

BLOOD

25-hydroxyergocalciferol: a biologically active metabolite of vitamin D2. Suda T, et al. **Biochem Biophys Res Commun** 35:182-5, 29 Apr 69

PHARMACODYNAMICS

Influence of zinc and vitamin D on plasma amino acids and liver xanthine oxidase in rats. Riley DR, et al. **J Nutr** 98:351-5, Jul 69
Influence of zinc and vitamin D on bone constituents of the rat. Chang IH, et al. **Metabolism** 18:625-9, Jul 69

THERAPEUTIC USE

Chlorothiazide-induced hypercalcemia in juvenile osteoporosis and hyperparathyroidism. Parfitt AM. **New Eng J Med** 281:55-9, 10 Jul 69
Vitamin D therapy of hypoparathyroidism. **Nutr Rev** 27:71-2, Mar 69

TOXICITY

Vitamin D therapy of hypoparathyroidism. **Nutr Rev** 27:71-2, Mar 69
Effect of chondroitin sulfate A and flavonoids on hypervitaminosis D in rats. Robbins RC, et al. **Proc Soc Exp Biol Med** 131:719-22, Jul 69

HYPERCALCEMIA

Solids, water, and solutes in papillary region of the rat kidney. Gardner KD Jr, et al. **Amer J Physiol** 217:58-64, Jul 69
[Calcium and the digestive tract. I. Effect of calcium in the physiology, pathology, and therapy of the organs of the digestive tract] Kocián J. **Cesk Gastroent Vyz** 23:176-84, Jun 69 (73 ref.) **(Cze)**
[Study of a further case of primary hyperparathyroidism due to hyperplasia in a 1-month-old child] Farriaux JP, et al. **Ann Pediat (Paris)** 15:716-23, 2 Nov 68 **(Fre)**
[The influence of physical activity on serum and muscles electrolytes] Rougier G, et al. **Path Biol (Paris)** 17:411-27, Apr 69 (307 ref.) **(Fre)**
[The practitioner's approach to acute hypercalcemia] Schaison G. **Presse Med** 77:1083-5, 21 Jun 69 **(Fre)**
[Aspects of phospho-calcic metabolism in the aged] Lo Bruno D, et al. **G Geront** 16:1201-26, Nov 68 **(Ita)**

BLOOD

Venous-compression test in hyperparathyroidism. Krull GH, et al. **Lancet** 2:174-7, 26 Jul 69
[On the metabolism of radioactive strontium and radioactive calcium in the organism in hypercalcemia] Dubrovina ZV. **Radiobiologiia** 8:684-8, Sep-Oct 68 **(Rus)**

CHEMICALLY INDUCED

The effect of induced hypercalcemia on renal handling of divalent ions in patients with renal disease. Better OS, et al. **Israel J Med Sci** 5:33-42, Jan-Feb 69
Chlorothiazide-induced hypercalcemia in juvenile osteoporosis and hyperparathyroidism. Parfitt AM. **New Eng J Med** 281:55-9, 10 Jul 69
[Hypervitaminosis D2 due to daily ingestion of hydro-alcoholic solution of 400 U.I. per drop. Recovery following calcium-free diet and corticotherapy] Marie J, et al. **Ann Pediat (Paris)** 16:24-6, 2 Jan 69 **(Fre)**
[Liquefying effect on suppurations of an oral dose of calciferol] Brincourt J. **Presse Med** 77:467-70, 15 Mar 69 **(Fre)**
[Compensation of artificial hypercalcemia depending on thyroid gland function] Schwarz G. **Med Klin** 64:537-9, 21 Mar 69 **(Ger)**

COMPLICATIONS

Chronic beryllium disease. Long-term follow-up of sixty cases and selective review of the literature. Stoeckle JD, et al. **Amer J Med** 46:545-61, Apr 69 (77 ref.)
Hypercalcemia of cancer. Schussler GC. **Ann Intern Med** 70:1280, Jun 69
Paraneoplastic hypercalcemia and renal malignancy. Sperber MA. **Brit Med J** 3:176, 19 Jul 69
CPC Wilmington Medical Center. The case of a 72-year-old woman with hemoptysis, a pulmonary infiltrate, rib destruction, and hypercalcemia. **Delaware Med J** 41:178-84, Jun 69
Chlorothiazide-induced hypercalcemia in juvenile

osteoporosis and hyperparathyroidism. Parfitt AM. **New Eng J Med** 281:55-9, 10 Jul 69
[Etiology and nosology of calcified aortic stenosis] Degeorges M, et al. **Sem Hop Paris** 44:3298-306, 20 Dec 68 **(Fre)**
[Visceral calcinosis induced by intravenous phosphate perfusions in myelomatous hypercalcemia] Deshayes P, et al. **Sem Hop Paris** 45:444-9, 8 Feb 69 **(Fre)**
[Effect of hypercalcemia on the gastric secretion and its importance in peptic ulcer] Barańska-Pawlowska H. **Wiad Lek** 22:435-40, 1 Mar 69 **(Pol)**

DIAGNOSIS

Functional cystic parathyroid adenoma. Earll JM, et al. **Amer J Surg** 118:100-3, Jul 69
Hyperparathyroidism. Goldsmith RS. **New Eng J Med** 281:367-74, 14 Aug 69 (38 ref.)
[A simple method of determination of diffusible calcium in the blood] Kocián J. **Cesk Gastroent Vyz** 23:192-4, Jun 69 **(Cze)**
[The practitioner's approach to acute hypercalcemia] Schaison G. **Presse Med** 77:1083-5, 21 Jun 69 **(Fre)**

DRUG THERAPY

The use of inorganic phosphate in the treatment of hypercalcemia. Massry SG, et al. **Med Times** 97:226-32, Aug 69
[Visceral calcinosis induced by intravenous phosphate perfusions in myelomatous hypercalcemia] Deshayes P, et al. **Sem Hop Paris** 45:444-9, 8 Feb 69 **(Fre)**
[Treatment of hypercalcemia by phosphates] Kaplan G. **Therapeutique** 45:538-9, May 69 **(Fre)**
[Recent findings on thyrocalcitonin and parathyroid hormone] Kohler H, et al. **Schweiz Med Wschr** 99:740-3, 17 May 69 (20 ref.) **(Ger)**
[On the treatment of the hypercalcemia syndrome] Werner T. **Ther Gegenw** 107:31 passim, Jan 68 **(Ger)**

ETIOLOGY

The effect of fluoride ingestion on the response of the rat to parathormone and calcitonin. Kraintz L. **Canad J Physiol Pharmacol** 47:477-81, May 69
Hyperparathyroidism. Goldsmith RS. **New Eng J Med** 281:367-74, 14 Aug 69 (38 ref.)
Pseudohyperparathyroidism due to malignant melanoma. Menguy R. **Surg Clin N Amer** 49:49-56, Feb 69
Clinicopathologic conference. Fox M, et al. **Texas Med** 65:82-8, May 69
[Myeloma and osteocondensation (anatomic-clinical discussion)] Sultan C, et al. **Nouv Rev Franc Hemat** 9:435-46, May-Jun 69 **(Fre)**
[The practitioner's approach to acute hypercalcemia] Schaison G. **Presse Med** 77:1083-5, 21 Jun 69 **(Fre)**
[Effect of thyroid and adrenal dysfunction on changes in tissue concentration of calcium and glucose] Boltanski E. **Sem Hop Paris** 44:3205-8, 14 Dec 68 **(Fre)**
[Myelomatosis] Stavem P, et al. **T Norsk Laegeforen** 89:826-8, 1 Jun 69 **(Nor)**

METABOLISM

Calcitonin content of ultimobranchial body tissue in chicks, pullets, and laying hens. Wittermann ER, et al. **Canad J Physiol Pharmacol** 47:175-80, Feb 69
The effect of induced hypercalcemia on renal handling of divalent ions in patients with renal disease. Better OS, et al. **Israel J Med Sci** 5:33-42, Jan-Feb 69
The parafollicular cell of the thyroid gland as the source of an osteoblast-stimulating factor. Evidence from experimentally osteopetrotic mice. Marks SC Jr. **J Bone Joint Surg [Brit]** 51:875-90, Jul 69
[Acid-base equilibrium of the organism. General aspects. Definitions and physiological mechanisms] Aillet J. **Anesth Analg (Paris)** 26:11-23, Jan-Feb 69 **(Fre)**
[Compensation of artificial hypercalcemia depending on thyroid gland function] Schwarz G. **Med Klin** 64:537-9, 21 Mar 69 **(Ger)**
[Paraendocrinopathies] Pietrek J. **Pol Tyg Lek** 24:373-6, 10 Mar 69 (16 ref.) **(Pol)**
[On the metabolism of radioactive strontium and radioactive calcium in the organism in hypercalcemia] Dubrovina ZV. **Radiobiologiia** 8:884-8, Sep-Oct 68 **(Rus)**

PATHOLOGY

[Visceral calcinosis induced by intravenous phosphate perfusions in myelomatous hypercalcemia] Deshayes P, et al. **Sem Hop Paris** 45:444-9, 8 Feb 69 **(Fre)**

PHYSIOPATHOLOGY

EEG findings in acute and chronic hypercalcemia. Cohn R, et al. **Electroenceph Clin Neurophysiol** 26:120, Jan 69
[The practitioner's approach to acute hypercalcemia] Schaison G. **Presse Med** 77:1083-5, 21 Jun 69 **(Fre)**

THERAPY

[Hypervitaminosis D2 due to daily ingestion of hydro-alcoholic solution of 400 U.I. per drop. Recovery following calcium-free diet and corticotherapy] Marie J, et al. **Ann Pediat (Paris)** 16:24-6, 2 Jan 69 **(Fre)**
[The practitioner's approach to acute hypercalcemia] Schaison G. **Presse Med** 77:1083-5, 21 Jun 69 **(Fre)**
[On the treatment of the hypercalcemia syndrome] Werner T. **Ther Gegenw** 107:31 passim, Jan 68 **(Ger)**

URINE

The urinary calcium-creatinine ratio as a measure of urinary calcium excretion. Wills MR. **J Clin Path** 22:287-90, May 69

OSTEOGENESIS IMPERFECTA

COMPLICATIONS

Superior marginal rib defects. An etiologic classification. Sargent EN, et al. **Amer J Roentgen** 106:491-505, Jul 69
Otosclerosis and osteogenesis imperfecta. Bretlau P, et al. **Arch Otolaryng (Chicago)** 90:4-10, Jul 69

DIAGNOSIS

[Advances in the treatment of otosclerosis (on the 90th anniversary of its surgical treatment)] Nowiński J. **Przegl Lek** 25:310-5, 1969 **(Pol)**

ETIOLOGY

Osteodystrophies. Scott P. **Vet Rec** 84:333-5, 29 Mar 69

PATHOLOGY

[Hereditary disturbances of the connective tissue. Current status] Mckusick VA. **Medicina (B Air)** 28:387-412, Nov-Dec 68 (139 ref.) **(Spa)**

RADIOGRAPHY

[Macroradiography and microradiography of the bone tissue (technical and methodological review; practical applications)] Garusi GF. **Fracastoro** 60:409-37, Sep-Oct 67 (146 ref.) **(Ita)**

SURGERY

[Surgical treatment of osteogenesis imperfecta by multiple osteotomies and diaphyseal rod fixation] Rebouillat J, et al. **Pediatrie** 24:411-20, Jun 69 **(Fre)**

OSTEOMALACIA

[Osteomalacia] Kaplan G. **Presse Med** 77:757-60, 23 Apr 69 **(Fre)**

CHEMICALLY INDUCED

["Itai-itai" disease (osteoporosis and osteomalacia due to industrial cadmium poisoning)] Kijima T. **Jap J Nurs** 33:56-60, Mar 69 **(Jap)**

COMPLICATIONS

Primary hyperparathyroidism associated with nutritional osteomalacia. Vaishava H, et al. **Amer J Med** 46:640-4, Apr 69
[Absorption of H3-labelled vitamin D3 in nutritional

osteomalacia] Miravet L, et al.
Sem Hop Paris 45:531-8, 14 Feb 69 **(Fre)**
[A cause of permanent fractures of both femoral necks] Radig K.
Beitr Orthop Trauma 15:411-5, 1968 **(Ger)**

DIAGNOSIS

Glomerular (azotemic) osteodystrophy. Kyle LH.
Ann Rev Med 20:259-76, 1969 (72 ref.)
[Osteomalacia] Kaplan G.
Presse Med 77:757-60, 23 Apr 69 **(Fre)**

DRUG THERAPY

Primary hyperparathyroidism associated with nutritional osteomalacia. Vaishava H, et al.
Amer J Med 46:640-4, Apr 69
[Absorption of H3-labelled vitamin D3 in nutritional osteomalacia] Miravet L, et al.
Sem Hop Paris 45:531-8, 14 Feb 69 **(Fre)**

ETIOLOGY

Primary hyperparathyroidism associated with nutritional osteomalacia. Vaishava H, et al.
Amer J Med 46:640-4, Apr 69
Neurological disease after partial gastrectomy. Williams JA, et al. **Brit Med J** 3:210-2, 26 Jul 69
Dietary osteomalacia. Chalmers J.
Lancet 1:1150, 7 Jun 69
Osteodystrophies. Scott P. **Vet Rec** 84:333-5, 29 Mar 69
[Osteomalacia] Kaplan G.
Presse Med 77:757-60, 23 Apr 69 **(Fre)**
[Osteomalacia with lactose intolerance] Bloch-Michel H, et al. **Rev Rhum** 35:617-20, Nov 68 **(Fre)**
[Osseous demineralization due to gluten intolerance without steatorrhea. Apropos of a case] Bloch-Michel H, et al. **Rev Rhum** 35:613-7, Nov 68 **(Fre)**

METABOLISM

[Absorption of H3-labelled vitamin D3 in nutritional osteomalacia] Miravet L, et al.
Sem Hop Paris 45:531-8, 14 Feb 69 **(Fre)**

PATHOLOGY

Primary hyperparathyroidism associated with nutritional osteomalacia. Vaishava H, et al.
Amer J Med 46:640-4, Apr 69
Factors influencing integrity of the alveolus. Zach GA, et al. **Dent Survey** 45:30-4, Aug 69
[Osteomalacia] Kaplan G.
Presse Med 77:757-60, 23 Apr 69 **(Fre)**

PHYSIOPATHOLOGY

Glomerular (azotemic) osteodystrophy. Kyle LH.
Ann Rev Med 20:259-76, 1969 (72 ref.)

RADIOGRAPHY

Primary hyperparathyroidism associated with nutritional osteomalacia. Vaishava H, et al.
Amer J Med 46:640-4, Apr 69
Glomerular (azotemic) osteodystrophy. Kyle LH.
Ann Rev Med 20:259-76, 1969 (72 ref.)
[Osteomalacia] Kaplan G.
Presse Med 77:757-60, 23 Apr 69 **(Fre)**

URINE

The urinary excretion of inorganic pyrophosphate in hyperparathyroidism, hyperthyroidism, Paget's disease and other disorders of bone metabolism. Russell RG, et al. **Clin Sci** 36:435-43, Jun 69

VETERINARY

[Hereditary rickets in suckling pigs: pathogenesis and therapy] Pionait H.
Zbl Veterinaermed [A] 16:271-88 contd, Apr 69 **(Ger)**

OSTEOPETROSIS

CHEMICALLY INDUCED

The parafollicular cell of the thyroid gland as the source of an osteoblast-stimulating factor. Evidence from experimentally osteopetrotic mice. Marks SC Jr.
J Bone Joint Surg [Brit] 51:875-90, Jul 69

COMPLICATIONS

[Myeloma and osteocondensation (anatomic-clinical discussion)] Sultan C, et al.
Nouv Rev Franc Hemat 9:435-46, May-Jun 69 **(Fre)**
[Case of congenital osteopetrosis in combination with coxa vara] Pavlycheva VI, et al.
Vestn Rentgen Radiol 42:97-8, Nov-Dec 67 **(Rus)**

DIAGNOSIS

Pycnodysostosis. Dodge JA.
Develop Med Child Neurol 11:103-4, Feb 69

ETIOLOGY

The parafollicular cell of the thyroid gland as the source of an osteoblast-stimulating factor. Evidence from experimentally osteopetrotic mice. Marks SC Jr.
J Bone Joint Surg [Amer] 51:875-90, Jul 69
The parafollicular cell of the thyroid gland as the source of an osteoblast-stimulating factor. Evidence from experimentally osteopetrotic mice. Marks SC Jr.
J Bone Joint Surg [Brit] 51:875-90, Jul 69

PATHOLOGY

The parafollicular cell of the thyroid gland as the source of an osteoblast-stimulating factor. Evidence from experimentally osteopetrotic mice. Marks SC Jr.
J Bone Joint Surg [Amer] 51:875-90, Jul 69

OSTEOPOROSIS

On the development of the epiphysis of the femoral head following dislocation of the hip joint in young rabbits. Bohr H, et al.
Acta Orthop Scand 39:280-90, 1968
Unusual audiological findings in cranial metaphyseal dysplasia. Miller AL, et al.
Arch Otolaryng (Chicago) 89:861-4, Jun 69
Femoral cortical involution in three Nubian archaeological populations. Dewey JR, et al.
Hum Biol 41:13-28, Feb 69
[Skin and mucosal manifestations in plasmacytosis] Noble JP, et al. **Presse Med** 77:431-4, 8 Mar 69 **(Fre)**

BLOOD

[Effects of prolonged administration of thyrocalcitonin in human senile osteoporosis. Clinical, histological and radiographic study] Baud CA, et al.
Schweiz Med Wschr 99:657-61, May 69 **(Fre)**

CHEMICALLY INDUCED

Failure to produce heparin osteoporosis in rats. Gudmundson C, et al.
Acta Pharmacol (Kobenhavn) 27:56-9, 1969
Asphyxiation: steroid-induced osteoporosis of cervical spine. Willis R. **J Otolaryng Soc Aust** 2:86-7, Mar 69
Prevention by a diphosphonate of immobilization "osteoporosis" in rats. Fleisch H, et al.
Nature (London) 223:211-2, 12 Jul 69
[Present state of heparin therapy] Biatrix C, et al.
Presse Med 77:553-6, 26 Mar 69 **(Fre)**
[Side-effects of glucocorticoids in liver therapy] Möller E, et al.
Deutsch Med Wschr 94:1371-3 passim, 27 Jun 69 **(Ger)**
[Adverse effects of cortisone therapy based on experiences of 264 cases] Lenoch F, et al.
Wien Med Wschr 118:1099-102, 21 Dec 68 **(Ger)**
[Osteoporosis caused by corticoids] Bevilacqua M.
Minerva Med 60:2859-69, 21 Jul 69 **(Ita)**
["Itai-itai" disease (osteoporosis and osteomalacia due to industrial cadmium poisoning)] Kijima T.
Jap J Nurs 33:56-60, Mar 69 **(Jap)**
[Corticoid-induced lesions of the skeleton] Jesserer H.
Folia Clin Int (Barc) 17:403-10, Sep 67 **(Spa)**

COMPLICATIONS

Fatal dislocation of cervical spine in rheumatoid disease. Cohen C. **Geront Clin (Basel)** 11:239-43, 1969
The treatment of osteoporosis. A report of a double blind clinical therapeutic trial. Miller RG.
Geront Clin (Basel) 11:244-52, 1969

Ovarian dysplasia. Gupta VB, et al.
J Indian Med Ass 51:138-9, 1 Aug 68
[Connection between osteopathies, hypercalciuria and formation of kidney calculi] Gaca A.
Med Welt 25:1552-4, 24 Jun 67 (Ger)
[On diabetic osteoarthropathy--report on a clinical case in connection with a study of the functional conditions of the human foot] Seewald K.
Wien Klin Wschr 81:53-4 passim, 17 Jan 69 (Ger)

DIAGNOSIS

Bilateral reflex neurovascular dystrophy following a neurosurgical procedure. Clinical picture and therapeutic problems of the syndrome. Radt P.
Confin Neurol 30:341-8, 1968
[Chlorambucil in the treatment of idiopathic nephrotic syndrome without glomrular lesions in childhood. Apropos of 30 cases] Lévèque B, et al.
Ann Pediat (Paris) 16:13-23, 2 Jan 69 (Fre)

DRUG THERAPY

The treatment of osteoporosis with calcium infusions. Clinical studies. Pak CY, et al.
Amer J Med 47:7-16, Jul 69
Fluoride treatment of bone rarefaction in multiple myeloma and osteoporosis. A review. Cohen P, et al.
Clin Orthop 64:221-49, May-Jun 69 (105 ref.)
The treatment of osteoporosis. A report of a double blind clinical therapeutic trial. Miller RG.
Geront Clin (Basel) 11:244-52, 1969
Chlorothiazide-induced hypercalcemia in juvenile osteoporosis and hyperparathyroidism. Parfitt AM.
New Eng J Med 281:55-9, 10 Jul 69
[Effects of prolonged administration of thyrocalcitonin in human senile osteoporosis. Clinical, histological and radiographic study] Baud CA, et al.
Schweiz Med Wschr 99:657-61, May 69 (Fre)
[Contribution to the clinical features and therapy of osteoporosis] Rolle J.
Med Welt 49:2724-6, Dec 68 (Ger)
[Recent findings on thyrocalcitonin and parathyroid hormone] Kohler H, et al.
Schweiz Med Wschr 99:740-3, 17 May 69 (20 ref.) (Ger)

ETIOLOGY

Osteoporosis in rheumatoid arthritis. A follow-up study. Virtama P, et al.
Acta Rheum Scand 14:276-84, 1968
Bone and joint changes in haemochromatosis. Wardle EN, et al. Ann Rheum Dis 28:15-23, Jan 69
Osteoporosis: the dramatic effect of disuse of an extremity. Jenkins DP, et al.
Clin Orthop 64:128-34, May-Jun 69
Hyperparathyroidism. Pathogenesis, diagnosis and oro-dental manifestations. Bissada NF, et al.
Egypt Dent J 14:226-34, Oct 68
Histologic study of the effects of protein defficient diet on the odontogenic and osteogenic tissues. Fahim MS, et al. Egypt Dent J 15:3-14, Jan 69
Rehabilitation instead of bed rest? Bonner CD.
Geriatrics 24:109-18, Jun 69
Age-related changes in the bones of adult mice. Rao GV, et al. J Geront 24:149-51, Apr 69
Parity and osteoporosis. Nilsson BE.
Surg Gynec Obstet 129:27-8, Jul 69
[Osseous demineralization due to gluten intolerance without steatorrhea. Apropos of a case] Bloch-Michel H, et al. Rev Rhum 35:613-7, Nov 68 (Fre)
[Problems of human propagation from the viewpoint of the andrologist] Niermann H.
Hippokrates 39:845-8, 30 Nov 68 (Ger)
[Malignant tumors as cause of sciatic syndromes] Thomas G, et al. Hippokrates 39:855-8, 30 Nov 68 (Ger)
[Clinical findings and laboratory diagnosis in Cushing's syndrome] Staub JJ, et al.
Praxis 57:1398-409, 15 Oct 68 (60 ref.) (Ger)
[Senile osteoporosis and vertebral pathological fractures] Ceroni P, et al.
G Geront 17:192-205, Feb 69 (Ita)
[Gout in the evolution of Von Gierke's disease] Benedetti A, et al.
Minerva Med 60:1849-59, 12 May 69 (Ita)
[Myelomatosis] Stavem P, et al.
T Norsk Laegeforen 89:826-8, 1 Jun 69 (Nor)

METABOLISM

Tracer studies of intestinal calcium absorption in man. Lutwak L. Amer J Clin Nutr 22:771-85, Jun 69
Fluoride treatment of bone rarefaction in multiple myeloma and osteoporosis. A review. Cohen P, et al.
Clin Orthop 64:221-49, May-Jun 69 (105 ref.)
Influence of hormones on bone. Smeenk D.
J Endocr 43:xiv-xv, Jan 69
[Effects of prolonged administration of thyrocalcitonin in human senile osteoporosis. Clinical, histological and radiographic study] Baud CA, et al.
Schweiz Med Wschr 99:657-61, May 69 (Fre)
[Intestinal absorption of calcium in disorders of calcium metabolism. Results of oral radiocalcium test] Sadowski P, et al.
Med Welt 42:2284-92, 19 Oct 68 (Ger)
[Corticoid-induced lesions of the skeleton] Jesserer H.
Folia Clin Int (Barc) 17:403-10, Sep 67 (Spa)

OCCURRENCE

Parity and osteoporosis. Nilsson BE.
Surg Gynec Obstet 129:27-8, Jul 69

PATHOLOGY

Osteoporosis: the dramatic effect of disuse of an extremity. Jenkins DP, et al.
Clin Orthop 64:128-34, May-Jun 69
[Effects of prolonged administration of thyrocalcitonin in human senile osteoporosis. Clinical, histological and radiographic study] Baud CA, et al.
Schweiz Med Wschr 99:657-61, May 69 (Fre)
[Morphology and morphometrics of the senile osteoporosis at the iliac crest, femur and 12th thoracic vertebra] Otto H, et al.
Beitr Path Anat 138:436-49, 1969 (Ger)
[Studies on biochemistry, ultrastructure and guided activities of border surfaces in normal and pathologically altered bones] Heller W.
Med Welt 42:2299-302, 19 Oct 68 (Ger)
[Comparative investigations in osteoporosis] Otto H.
Verh Deutsch Ges Path 52:332-3, 1968 (Ger)
[On diabetic osteoarthropathy--report on a clinical case in connection with a study of the functional conditions of the human foot] Seewald K.
Wien Klin Wschr 81:53-4 passim, 17 Jan 69 (Ger)

PHYSIOPATHOLOGY

Glomerular (azotemic) osteodystrophy. Kyle LH.
Ann Rev Med 20:259-76, 1969 (72 ref.)
Age-related changes in the bones of adult mice. Rao GV, et al. J Geront 24:149-51, Apr 69
[Osseous localizations of mastocytosis] Deshayes P, et al. Sem Hop Paris 45:524-30, 14 Feb 69 (Fre)

PREVENTION & CONTROL

Prevention by a diphosphonate of immobilization "osteoporosis" in rats. Fleisch H, et al.
Nature (London) 223:211-2, 12 Jul 69

RADIOGRAPHY

Atlanto-epistrophical subluxation in rheumatoid arthritis. Ahlgren P, et al.
Acta Rheum Scand 14:210-21, 1968
Osteoporosis in rheumatoid arthritis. A follow-up study. Virtama P, et al.
Acta Rheum Scand 14:276-84, 1968
Glomerular (azotemic) osteodystrophy. Kyle LH.
Ann Rev Med 20:259-76, 1969 (72 ref.)
Fluoride treatment of bone rarefaction in multiple myeloma and osteoporosis. A review. Cohen P, et al.
Clin Orthop 64:221-49, May-Jun 69 (105 ref.)
Fatal dislocation of cervical spine in rheumatoid disease. Cohen C. Geront Clin (Basel) 11:239-43, 1969
The treatment of osteoporosis. A report of a double blind clinical therapeutic trial. Miller RG.
Geront Clin (Basel) 11:244-52, 1969
[Effects of prolonged administration of thyrocalcitonin in human senile osteoporosis. Clinical, histological and radiographic study] Baud CA, et al.
Schweiz Med Wschr 99:657-61, May 69 (Fre)
[Spondylodiscitis in Bechterew's disease] Schulitz KP.
Med Klin 64:593-7, 28 Mar 69 (Ger)
[Contribution to the clinical features and therapy of

osteoporosis] Rolle J.
Med Welt 49:2724-6, Dec 68 (Ger)
[Roentgenological observations on the state of bone tissue and supporting teeth under the base of removable partial dentures] Rabukhina NA, et al.
Stomatologiia (Moskva) 48:72-4, May-Jun 69 (Rus)

URINE

The urinary excretion of inorganic pyrophosphate in hyperparathyroidism, hyperthyroidism, Paget's disease and other disorders of bone metabolism. Russell RG, et al. Clin Sci 36:435-43, Jun 69

PSEUDOHYPOPARATHYROIDISM

DIAGNOSIS

[Case of pseudohypoparathyroidism--with special reference to an electroencephalographic study] Miura S, et al.
Clin Endocr (Tokyo) 17:128-32, Feb 69 (Jap)

METABOLISM

Human thyrocalcitonin. Aliapoulios MA, et al.
Amer J Surg 117:554-7, Apr 69

URINE

[Diagnostic significance of the Ellsworth-Howard test] Klingmüller V. Med Welt 35:1882, 31 Aug 68 (Ger)

RICKETS

[Prophylaxis and therapy of rickets] Fanconi A.
Ther Umsch 25:652-5, Dec 68 (Ger)

BLOOD

[On the ortho-phosphate content of liver, muscle and kidney in experimental rickets] Hanowski P, et al.
Z Ges Exp Med 148:238-41, 1968 (Ger)
[The interrelation between electrolyte metabolism and cholinergic processes in rickets] Davydova VM.
Pediatriia 46:69-71, Nov 67 (Rus)
[The state of magnesium metabolism im rickets] Pustovalova-Vagapova LB.
Pediatriia 46:71-3, Nov 67 (Rus)

CHEMICALLY INDUCED

The effect of strontium administration on bones and teeth of rats maintained on diets with different calcium contents. Engfeldt B, et al.
Virchow Arch [Path Anat] 346:330-44, 1969

COMPLICATIONS

Familial hypophosphatemic vitamin D resistant rickets. The neonatal period and infancy. Stickler GB.
Acta Paediat Scand 58:213-9, May 69
[Cranial deformities caused by rickets] Bronzini C.
Policlinico [Prat] 75:1701-5, 16 Dec 68 (Ita)
[Effect of rachitis on the disturbance of acid-base equilibrium in pneumonia in infants] Pronicka E.
Pediat Pol 44:567-74, May 69 (Pol)
[Analysis of mortality due to pneumonia in infants and older children] Sądowski A, et al.
Wiad Lek 22:889-92, 15 May 69 (Pol)

DRUG THERAPY

Familial hypophosphatemic vitamin D resistant rickets. The neonatal period and infancy. Stickler GB.
Acta Paediat Scand 58:213-9, May 69
[Rickets as cause of death in infant and children?] Trube-Becker E. Med Klin 64:527-9, 21 Mar 69 (Ger)
[Prophylaxis and therapy of rickets] Fanconi A.
Ther Umsch 25:652-5, Dec 68 (Ger)
[Hereditary rickets in the suckling pigs: pathogenesis and therapy] Plonait H.
Zbl Veterinaermed [A] 16:289-316, Jun 69 (Ger)

ETIOLOGY

[Hereditary rickets in suckling pigs: pathogenesis and therapy] Plonait H.
Zbl Veterinaermed [A] 16:271-88 contd, Apr 69 (Ger)

METABOLISM

Oral calcium-loading test in rickets and in neonatal tetany: effect of vitamin D. Barr DG, et al.
Brit Med J 3:150-2, 19 Jul 69
Nucleic acid and protein synthesis in epiphyseal plates of rachitic rats. An autoradiographic study. Mankin HJ, et al. J Bone Joint Surg [Amer] 51:862-74, Jul 69
Nucleic acid and protein synthesis in epiphyseal plates of rachitic rats. An autoradiographic study. Mankin HJ, et al. J Bone Joint Surg [Brit] 51:862-74, Jul 69
[The thyroid and calcium metabolism] Arvy L.
J Physiol (Paris) 60:405-48, Sep-Oct 68 (210 ref.) (Fre)
[Absorption of H3-labelled vitamin D3 in nutritional osteomalacia] Miravet L, et al.
Sem Hop Paris 45:531-8, 14 Feb 69 (Fre)
[On the ortho-phosphate content of liver, muscle and kidney in experimental rickets] Hanowski P, et al.
Z Ges Exp Med 148:238-41, 1968 (Ger)
[Current problems of the organic transport of calcium in the field of physiopathology. I. The 3 fundamental aspects of vitamin D] Nordio S.
Minerva Pediat 19:1611-5, 1 Sep 67 (Ita)

MORTALITY

[Rickets as cause of death in infant and children?] Trube-Becker E. Med Klin 64:527-9, 21 Mar 69 (Ger)

PATHOLOGY

Nucleic acid and protein synthesis in epiphyseal plates of rachitic rats. An autoradiographic study. Mankin HJ, et al. J Bone Joint Surg [Amer] 51:862-74, Jul 69
Nucleic acid and protein synthesis in epiphyseal plates of rachitic rats. An autoradiographic study. Mankin HJ, et al. J Bone Joint Surg [Brit] 51:862-74, Jul 69

PREVENTION & CONTROL

Familial hypophosphatemic vitamin D resistant rickets. The neonatal period and infancy. Stickler GB.
Acta Paediat Scand 58:213-9, May 69
[Hypervitaminosis D2 due to daily ingestion of hydro-alcoholic solution of 400 U.I. per drop. Recovery following calcium-free diet and corticotherapy] Marie J, et al.
Ann Pediat (Paris) 16:24-6, 2 Jan 69 (Fre)
[Problems of rickets prevention in the DDR] Harnapp GO. Deutsch Gesundh 23:2367-9, 12 Dec 68 (Ger)
[Prevention of rachitis at present] Loeber F.
Deutsch Schwesternzeitung 22:205-6, Apr 69 (Ger)
[Prevention of rickets in general practice] Nitsch K.
Med Klin 64:563, 21 Mar 69 (Ger)
[Rickets as cause of death in infant and children?] Trube-Becker E. Med Klin 64:527-9, 21 Mar 69 (Ger)
[Prophylaxis and therapy of rickets] Fanconi A.
Ther Umsch 25:652-5, Dec 68 (Ger)
[Role of the ancillary health staff in the prevention of infantile rickets and dystrophy in rural areas] Constantinescu E, et al.
Munca Sanit 17:339-43, Jun 69 (Rum)

RADIOGRAPHY

[Lamellar periosteal neoformations of bone and indiopathic periosteal hyperostosis associated with dysproteinemia] Münzenberg KJ, et al.
Munchen Med Wschr 111:1045-50, 2 May 69 (Ger)

VETERINARY

[Hereditary rickets in suckling pigs: pathogenesis and therapy] Plonait H.
Zbl Veterinaermed [A] 16:271-88 contd, Apr 69 (Ger)
[Hereditary rickets in the suckling pigs: pathogenesis and therapy] Plonait H.
Zbl Veterinaermed [A] 16:289-316, Jun 69 (Ger)

TETANY

Isometric muscle contraction and the active state: an analog computer study. Taylor CP.
Biophys J 9:759-80, Jun 69
The effects of 6-azauridine on the peripheral nervous system. I. The action on ganglionic transmission. Bauer V, et al. Int J Neuropharmacol 8:263-9, May 69
The effect of 6-azauridine on the peripheral nervous system. II. The action on neuromuscular transmission

and on striated muscle. Bauer V, et al.
Int J Neuropharmacol 8:271-7, May 69
[Neurohistological changes in endocrine diseases] Lassmann G.
Fortschr Neurol Psychiat 36:377-411, Jul 68 (Ger)

BLOOD

Experience with serum magnesium estimations. Lim MK. Med J Aust 1:1075-7, 24 May 69

CHEMICALLY INDUCED

Caffeine-induced activation of contraction in stick insect skeletal muscle. Huddart H.
Comp Biochem Physiol 28:1185-92, Mar 69

COMPLICATIONS

Cataract in general disease. Bahr G von.
Trans Ophthal Soc UK 87:811-24, 1967
[Biomicroscopy of the crystalline lens] Nordmann J.
Arch Ophtal (Paris) 29:163-76, Feb 69 (Fre)
[Hemitetanic syndrome in multiple sclerosis] Krajča K, et al. Cesk Neurol 32:193-6, Jul 69 (Slo)

DRUG THERAPY

Oral calcium-loading test in rickets and in neonatal tetany: effect of vitamin D. Barr DG, et al.
Brit Med J 3:150-2, 19 Jul 69
[Hemitetanic syndrome in multiple sclerosis] Krajča K, et al. Cesk Neurol 32:193-6, Jul 69 (Slo)

ETIOLOGY

Serum ionized calcium level in chronic renal failure. Jacob E, et al. Med J Aust 1:1172-4, 7 Jun 69
[Acute pancreatitis. A case with tetany] Skagseth E Jr.
T Norsk Laegeforen 89:824-5, 1 Jun 69 (Nor)

METABOLISM

Oral calcium-loading test in rickets and in neonatal tetany: effect of vitamin D. Barr DG, et al.
Brit Med J 3:150-2, 19 Jul 69

PHYSIOPATHOLOGY

The effect of hypertrophy on the properties of skeletal muscle. Rowe RW.
Comp Biochem Physiol 28:1449-53, Mar 69

PREVENTION & CONTROL

Magnesium bullets. Foot AS, et al.
Vet Rec 84:467-8, 3 May 69
Magnesium alloy bullets for suckling calves. Hemingway RG, et al. Vet Rec 84:465-7, 3 May 69

SURGERY

[The results of transplantation of the parathyroid glands in the treatment of parathyroprivic tetany] Filatov AN, et al.
Vestn Khir Grekov 102:14-20, Jan 69 (Rus)

THERAPY

[Curarization and controlled respiration in severe tetany of early childhood] Galli S, et al.
Minerva Pediat 19:1711-4, 15 Sep 67 (Ita)

VETERINARY

Magnesium bullets. Foot AS, et al.
Vet Rec 84:467-8, 3 May 69
Magnesium alloy bullets for suckling calves. Hemingway RG, et al. Vet Rec 84:465-7, 3 May 69

THYROCALCITONIN

Calcitonin and parathyroid hormone. Copp DH.
Ann Rev Pharmacol 9:327-44, 1969 (147 ref.)
Mode of hypocalcemic action of glucagon in the rat. Williams GA, et al. Endocrinology 85:538-41, Sep 69
The parafollicular cell of the thyroid gland as the source of an osteoblast-stimulating factor. Evidence from experimentally osteopetrotic mice. Marks SC Jr.
J Bone Joint Surg [Amer] 51:875-90, Jul 69
Thyrocalcitonin. Hirsch PF, et al.
Physiol Rev 49:548-622, Jul 69 (408 ref.)
Nonsteroid, calcitonin-like factor from the adrenal gland. Kaplan EL, et al. Surgery 66:167-74, Jul 69
[Compensation of artificial hypercalcemia depending on thyroid gland function] Schwarz G.
Med Klin 64:537-9, 21 Mar 69 (Ger)

ADMINISTRATION & DOSAGE

[Effects of prolonged administration of thyrocalcitonin in human senile osteoporosis. Clinical, histological and radiographic study] Baud CA, et al.
Schweiz Med Wschr 99:657-61, May 69 (Fre)

ANALYSIS

The hypocalcaemic and hypophosphataemic effect of extracts from chicken ultimorbranchial glands. Sorensen OH, et al.
Acta Endocr (Kobenhavn) 60:689-95, Apr 69
Human thyrocalcitonin. Aliapoulios MA, et al.
Amer J Surg 117:554-7, Apr 69
Calcitonin and parathyroid hormone. Copp DH.
Ann Rev Pharmacol 9:327-44, 1969 (147 ref.)
A calcitonin-like factor from the human adrenal gland. Kaplan EL, et al. Brit J Surg 56:624, Aug 69
Calcitonin content of ultimobranchial body tissue in chicks, pullets, and laying hens. Wittermann ER, et al.
Canad J Physiol Pharmacol 47:175-80, Feb 69
Ultimobranchial calcitonin in the developing chicken. Dent PB, et al. Endocrinology 85:582-5, Sep 69
A radioimmunoassay for porcine calcitonin. Lequin RM, et al. J Endocr 44:283-4, Jun 69
The effect of thyrocalcitonin in neonatal animals. Phillippo M, et al. J Endocr 43:xv-xvi, Jan 69
A radioimmunoassay for human calcitonin M. Clark MB, et al. Lancet 2:74-7, 12 Jul 69
Thyrocalcitonin. Hirsch PF, et al.
Physiol Rev 49:548-622, Jul 69 (408 ref.)
[Thyrocalcitonin] Fujita T, et al.
Jap J Clin Med 27:411-6, Feb 69 (29 ref.) (Jap)

ANTAGONISTS & INHIBITORS

Studies on the mechanism of action of thyrocalcitonin: inhibition with acetazolamide. Stahl PD, et al.
Endocrinology 85:161-4, Jul 69

BIOSYNTHESIS

[Ectopic endocrine syndromes] Dil'man VM, et al.
Vop Onkol 14:111-8, 1968 (50 ref.) (Rus)

BLOOD

[Thyrocalcitonin] Fujita T, et al.
Jap J Clin Med 27:411-6, Feb 69 (29 ref.) (Jap)

HISTORY

Calcitonin and parathyroid hormone. Copp DH.
Ann Rev Pharmacol 9:327-44, 1969 (147 ref.)

ISOLATION & PURIFICATION

Thyrocalcitonin. Hirsch PF, et al.
Physiol Rev 49:548-622, Jul 69 (408 ref.)

METABOLISM

Biological activities and molecular weights of ultimobranchial and thyroid calcitonins. O'Dor RK, et al. Comp Biochem Physiol 29:295-300, Apr 69
Ultimobranchial calcitonin in the developing chicken. Dent PB, et al. Endocrinology 85:582-5, Sep 69
Calcium homeostasis. Geary CP.
New Zeal Dent J 65:115-7, Apr 69
Thyrocalcitonin. Hirsch PF, et al.
Physiol Rev 49:548-622, Jul 69 (408 ref.)
Immunofluorescent localisation of calcitonin in medullary C-cell thyroid carcinoma, using antibody to the pure porcine hormone. Bussolati G, et al.
Virchow Arch [Zellpath] 2:234-8, 1969
[Study of a further case of primary hyperparathyroidism due to hyperplasia in a 1-month-old child] Farriaux JP, et al.
Ann Pediat (Paris) 15:716-23, 2 Nov 68 (Fre)
[Effect of thyroid and adrenal dysfunction on changes

in tissue concentration of calcium and glucose] Boltanski E. **Sem Hop Paris** 44:3205-8, 14 Dec 68 **(Fre)**
[Parathyroid function test] Seta K, et al. **Jap J Clin Med** 27:272-7, Feb 69 (77 ref.) **(Jap)**

PHARMACODYNAMICS

Calcitonin and parathyroid hormone. Copp DH. **Ann Rev Pharmacol** 9:327-44, 1969 (147 ref.)
The effect of chicken and hog calcitonin on some parameters of Ca, P, and Mg metabolism in dogs. Cramer CF, et al. **Canad J Physiol Pharmacol** 47:181-4, Feb 69
The effect of fluoride ingestion on the response of the rat to parathormone and calcitonin. Kraintz L. **Canad J Physiol Pharmacol** 47:477-81, May 69
Calcitonin content of ultimobranchial body tissue in chicks, pullets, and laying hens. Wittermann ER, et al. **Canad J Physiol Pharmacol** 47:175-80, Feb 69
Serum calcium ion activity: effects of thyrocalcitonin and parathyroid extract in the rat. Bernstein DS, et al. **Endocrinology** 85:589-92, Sep 69
Effects of thyrocalcitonin on calcium transport in kidney cells. Borle AB. **Endocrinology** 85:194-9, Aug 69
Importance of thyroid hormones in bone metabolism and calcium homeostasis. Jowsey J, et al. **Endocrinology** 85:87-95, Jul 69
Effect of phosphate, calcium and magnesium on bone resorption and hormonal responses in tissue culture. Raisz LG, et al. **Endocrinology** 85:446-52, Sep 69
The effect of thyrocalcitonin in neonatal animals. Phillippo M, et al. **J Endocr** 43:xv-xvi, Jan 69
Influence of hormones on bone. Smeenk D. **J Endocr** 43:xiv-xv, Jan 69
Action of thyrocalcitonin on intestinal absorption of radiophosphate in man. Caniggia A, et al. **J Nucl Biol Med** 12:83-5, Apr-Jun 68
Thyrocalcitonin. Hirsch PF, et al. **Physiol Rev** 49:548-622, Jul 69 (408 ref.)
[Effects of thyrocalcitonin on kidney excretion of phosphorus, calcium and hydrogen ions in normal humans] Ardaillou R, et al. **J Physiol (Paris)** 59:Suppl:204, 1967 **(Fre)**
[Report of nephrologic events in the Hôpital Necker--Paris, 1968] Favre H. **Praxis** 57:1266-8, 17 Sep 68 **(Fre)**
[Effects of prolonged administration of thyrocalcitonin in human senile osteoporosis. Clinical, histological and radiographic study] Baud CA, et al. **Schweiz Med Wschr** 99:657-61, May 69 **(Fre)**

PHYSIOLOGY

Effect of thyroparathyroidectomy on skeletal sodium metabolism in the rat. Coleman EH, et al. **Endocrinology** 85:175-6, Jul 69
[Recent findings on thyrocalcitonin and parathyroid hormone] Kohler H, et al. **Schweiz Med Wschr** 99:740-3, 17 May 69 (20 ref.) **(Ger)**

SECRETION

Calcitonin and parathyroid hormone. Copp DH. **Ann Rev Pharmacol** 9:327-44, 1969 (147 ref.)
Thyrocalcitonin. Hirsch PF, et al. **Physiol Rev** 49:548-622, Jul 69 (408 ref.)
[C-cells in the human thyroid gland] Kracht J, et al. **Verh Deutsch Ges Path** 52:485-90, 1968 **(Ger)**

THERAPEUTIC USE

[The practitioner's approach to acute hypercalcemia] Schaison G. **Presse Med** 77:1083-5, 21 Jun 69 **(Fre)**
[Recent findings on thyrocalcitonin and parathyroid hormone] Kohler H, et al. **Schweiz Med Wschr** 99:740-3, 17 May 69 (20 ref.) **(Ger)**
[Rheumatoid arthritis and thyroid hormones] Krzymień H, et al. **Reumatologia (Warsz)** 7:31-7, 1969 **(Pol)**

VITAMIN A

The fifth decade of vitamin A research. Roels OA. **Amer J Clin Nutr** 22:903-7, Jul 69
Osteodystrophies. Scott P. **Vet Rec** 84:333-5, 29 Mar 69
[Hypervitaminosis in man] Raskin IM. **Gig Sanit** 33:74-9, Feb 68 (51 ref.) **(Rus)**

ANALYSIS

Semiquantitative determination of fat-soluble vitamins by circular thin-layer chromatography. Hashmi MH, et al. **Mikrochim Acta** 1:53-8, 1969

CHEMICAL SYNTHESIS

The fifth decade of vitamin A research. Roels OA. **Amer J Clin Nutr** 22:903-7, Jul 69

METABOLISM

The fifth decade of vitamin A research. Roels OA. **Amer J Clin Nutr** 22:903-7, Jul 69
[Intestinal absorption in the aged] Lucchini CR. **G Geront** 15:903-15, Aug 67 (57 ref.) **(Ita)**

THERAPEUTIC USE

[Effect of association of ascorbic acid with other vitamins on the level of ascorbinemia] Aizicovici H, et al. **Int Z Vitaminforsch** 39:74-85, 1969 **(Fre)**

VITAMIN D

Nucleic acid and protein synthesis in epiphyseal plates of rachitic rats. An autoradiographic study. Mankin HJ, et al. **J Bone Joint Surg [Amer]** 51:862-74, Jul 69
Biogenesis of mitochondria. XI. A comparison of the effects of growth-limiting oxygen tension, intercalating agents, and antibiotics on the obligate aerobe Candida parapsilosis. Kellerman GM, et al. **J Cell Biol** 42:378-91, Aug 69
Syntheses of pachysandrines and epipachysandrine-A from ergosterol. Kikuchi T, et al. **Tetrahedron Lett** 21:1679-82, May 69
Studies on vitamin D and related compounds XX. The conformation of tachysterol; N. O. E. and 220 MHz N. M. R. Lugtenburg J, et al. **Tetrahedron Lett** 28:2391-4, Jun 69
The effect of strontium administration on bones and teeth of rats maintained on diets with different calcium contents. Engfeldt B, et al. **Virchow Arch [Path Anat]** 346:330-44, 1969
[Development of calcifying arteriopathies following administration of vitamin D and its derivatives in animal experiments] Churý Z, et al. **Cesk Pediat** 24:391-5, May 69 **(Cze)**
[Hypervitaminosis in man] Raskin IM. **Gig Sanit** 33:74-9, Feb 68 (51 ref.) **(Rus)**

ADMINISTRATION & DOSAGE

Familial hypophosphatemic vitamin D resistant rickets. The neonatal period and infancy. Stickler GB. **Acta Paediat Scand** 58:213-9, May 69
[Problems of rickets prevention in the DDR] Harnapp GO. **Deutsch Gesundh** 23:2367-9, 12 Dec 68 **(Ger)**
[Prevention of rickets in general practice] Nitsch K. **Med Klin** 64:563, 21 Mar 69 **(Ger)**
[Prophylaxis and therapy of rickets] Fanconi A. **Ther Umsch** 25:652-5, Dec 68 **(Ger)**

ADVERSE EFFECTS

Calcinosis of the arteries with coronary calcification in infancy. Beuren AJ, et al. **Amer Heart J** 78:87-93, Jul 69
Superior marginal rib defects. An etiologic classification. Sargent EN, et al. **Amer J Roentgen** 106:491-505, Jul 69
Hypertrophic osteoarthropathy with arthritis and synovial calcification in a patient with alcoholic cirrhosis. Kieff ED, et al. **Arthritis Rheum** 12:261-8, Jun 69
[Problems of rickets prevention in the DDR] Harnapp GO. **Deutsch Gesundh** 23:2367-9, 12 Dec 68 **(Ger)**

ANALYSIS

Studies on the lipids of S. cerevisiae during the growth phases. Castelli A, et al. **Ital J Biochem** 18:91-9, Mar-Apr 69
Separation of vitamin D from cholesterol by thin-layer chromatography. Pinelli A, et al. **J Chromatogr** 42:271-4, 17 Jun 69
Semiquantitative determination of fat-soluble vitamins by circular thin-layer chromatography. Hashmi MH, et al. **Mikrochim Acta** 1:53-8, 1969

[Prophylaxis and therapy of rickets] Fanconi A. **Ther Umsch** 25:652-5, Dec 68 **(Ger)**
[Methods for determination of vitamin D] Patrova EA. **Farmatsiia** 18:79-82, Mar-Apr 69 (60 ref.) **(Rus)**

ANTAGONISTS & INHIBITORS

[On the study of the mechanism of the toxic action of vitamin D] Spirichev WB, et al. **Int Z Vitaminforsch** 39:30-6, 1969 **(Ger)**

BIOSYNTHESIS

Dietary osteomalacia. Chalmers J. **Lancet** 1:1150, 7 Jun 69

METABOLISM

Familial hypophosphatemic vitamin D resistant rickets. The neonatal period and infancy. Stickler GB. **Acta Paediat Scand** 58:213-9, May 69
25-hydroxyergocalciferol: a biologically active metabolite of vitamin D2. Suda T, et al. **Biochem Biophys Res Commun** 35:182-5, 29 Apr 69
[Current problems of the organic transport of calcium in the field of physiopathology. I. The 3 fundamental aspects of vitamin D] Nordio S. **Minerva Pediat** 19:1611-5, 1 Sep 67 **(Ita)**

PHARMACODYNAMICS

Calcium transport by rat colon in vitro. Harrison HC, et al. **Amer J Physiol** 217:121-5, Jul 69
Influence of sodium on calcium transport by the rat small intestine. Martin DL, et al. **Amer J Physiol** 216:1351-9, Jun 69
Comparison of in vivo and in vitro effects of vitamin D on calcium transport in the rat. Urban E, et al. **Amer J Physiol** 217:126-30, Jul 69
Vitamin D stimulated, calcium-dependent adenosine triphosphatase from brush borders of rat small intestine. Martin DL, et al. **Biochem Biophys Res Commun** 35:819-23, 27 Jun 69
Studies of the action of vitamin D in the rat. Cheesman EM, et al. **Brit J Nutr** 23:371-5, Jun 69
[Fluoride retention from fluoridated dentifrices. Animal experimental study] Herrmann M. **Zahnaerztl Welt** 78:12-4, 10 Jan 69 **(Ger)**
[Current problems of the organic transport of calcium in the field of physiopathology. I. The 3 fundamental aspects of vitamin D] Nordio S. **Minerva Pediat** 19:1611-5, 1 Sep 67 **(Ita)**

PHYSIOLOGY

Influence of zinc and vitamin D on bone constituents of the rat. Chang IH, et al. **Metabolism** 18:625-9, Jul 69
[Osteomalacia] Kaplan G. **Presse Med** 77:757-60, 23 Apr 69 **(Fre)**

POISONING

[The practitioner's approach to acute hypercalcemia] Schaison G. **Presse Med** 77:1083-5, 21 Jun 69 **(Fre)**

THERAPEUTIC USE

Primary hyperparathyroidism associated with nutritional osteomalacia. Vaishava H, et al. **Amer J Med** 46:640-4, Apr 69
Glomerular (azotemic) osteodystrophy. Kyle LH. **Ann Rev Med** 20:259-76, 1969 (72 ref.)
Oral calcium-loading test in rickets and in neonatal tetany: effect of vitamin D. Barr DG, et al. **Brit Med J** 3:150-2, 19 Jul 69
Dissociation between changes in urinary total hydroxyproline and plasma alkaline phosphatase after removal of parathyroid tumour. Smith R. **Clin Chim Acta** 23:421-6, Mar 69
The treatment of osteoporosis. A report of a double blind clinical therapeutic trial. Miller RG. **Geront Clin (Basel)** 11:244-52, 1969
Nucleic acid and protein synthesis in epiphyseal plates of rachitic rats. An autoradiographic study. Mankin HJ, et al. **J Bone Joint Surg [Brit]** 51:862-74, Jul 69
Hypocalcemia due to hypomagnesemia and reversible parathyroid hormone unresponsiveness. Estep H, et al. **J Clin Endocr** 29:842-8, Jun 69
[Effect of association of ascorbic acid with other vitamins on the level of ascorbinemia] Aizicovici H, et al. **Int Z Vitaminforsch** 39:74-85, 1969 **(Fre)**
[Prevention of rachitis at present] Loeber F. **Deutsch Schwesternzeitung** 22:205-6, Apr 69 **(Ger)**
[Rickets as cause of death in infant and children?] Trube-Becker E. **Med Klin** 64:527-9, 21 Mar 69 **(Ger)**
[Prophylaxis and therapy of rickets] Fanconi A. **Ther Umsch** 25:652-5, Dec 68 **(Ger)**
[Hereditary rickets in the suckling pigs: pathogenesis and therapy] Pionait H. **Zbl Veterinaermed [A]** 16:289-316, Jun 69 **(Ger)**

TOXICITY

[On the study of the mechanism of the toxic action of vitamin D] Spirichev WB, et al. **Int Z Vitaminforsch** 39:30-6, 1969 **(Ger)**

VITAMIN D DEFICIENCY

The fifth decade of vitamin A research. Roels OA. **Amer J Clin Nutr** 22:903-7, Jul 69
Influence of sodium on calcium transport by the rat small intestine. Martin DL, et al. **Amer J Physiol** 216:1351-9, Jun 69
[Absorption of H3-labelled vitamin D3 in nutritional osteomalacia] Miravet L, et al. **Sem Hop Paris** 45:531-8, 14 Feb 69 **(Fre)**

COMPLICATIONS

Primary hyperparathyroidism associated with nutritional osteomalacia. Vaishava H, et al. **Amer J Med** 46:640-4, Apr 69
Dietary osteomalacia. Chalmers J. **Lancet** 1:1150, 7 Jun 69
[Osteomalacia] Kaplan G. **Presse Med** 77:757-60, 23 Apr 69 **(Fre)**

ENZYMOLOGY

Vitamin D stimulated, calcium-dependent adenosine triphosphatase from brush borders of rat small intestine. Martin DL, et al. **Biochem Biophys Res Commun** 35:819-23, 27 Jun 69
Influence of zinc and vitamin D on plasma amino acids and liver xanthine oxidase in rats. Riley DR, et al. **J Nutr** 98:351-5, Jul 69

METABOLISM

Comparison of in vivo and in vitro effects of vitamin D on calcium transport in the rat. Urban E, et al. **Amer J Physiol** 217:126-30, Jul 69
Oral calcium-loading test in rickets and in neonatal tetany: effect of vitamin D. Barr DG, et al. **Brit Med J** 3:150-2, 19 Jul 69
Nucleic acid and protein synthesis in epiphyseal plates of rachitic rats. An autoradiographic study. Mankin HJ, et al. **J Bone Joint Surg [Amer]** 51:862-74, Jul 69
Nucleic acid and protein synthesis in epiphyseal plates of rachitic rats. An autoradiographic study. Mankin HJ, et al. **J Bone Joint Surg [Brit]** 51:862-74, Jul 69
The role of the liver in the metabolism of vitamin D. Ponchon G, et al. **J Clin Invest** 48:1273-9, Jul 69
Influence of zinc and vitamin D on plasma amino acids and liver xanthine oxidase in rats. Riley DR, et al. **J Nutr** 98:351-5, Jul 69
25-hydroxycholecalciferol: direct effect on calcium transport. Olson EB, et al. **Science** 165:405-7, 25 Jul 69

PATHOLOGY

Pathological defects in the epiphyseal cartilage of zinc-deficient chicks. Westmoreland N, et al. **J Nutr** 98:76-82, May 69

PHYSIOPATHOLOGY

Potassium and milieu intérieur of bone. Canas F, et al. **Amer J Physiol** 217:117-20, Jul 69

THERAPY

The synthesis of 25-hydroxycholecalciferol. A biologically active metabolite of vitamin D3. Blunt JW, et al. **Biochemistry (Wash)** 8:671-5, Feb 69

NEUROENDOCRINOLOGY

I. Physical and Functional Aspects

AMYGDALOID BODY

ANALYSIS

The distribution of tryptophan hydroxylase in cat brain. Peters DA, et al. **J Neurochem** 15:1431-5, Dec 68

ANATOMY & HISTOLOGY

The origin of the centrifugal fibres to the olfactory bulb. Price JL. **Brain Res** 14:542-5, Jul 69

Secondary olfactory projections in the galago (Galago crassicaudatus) and the tree shrew (Tupaia glis). Ferrer NG. **J Comp Neurol** 136:337-47, Jul 69

Projections from the orbital gyrus in the cat. II. To telencephalic and diencephalic structures. Mizuno N, et al. **J Comp Neurol** 136:127-41, Jun 69

CYTOLOGY

Pinocytosis at postsynaptic membranes: electron microscopic evidence. Waxman SG, et al. **Brain Res** 14:240-4, Jun 69

DRUG EFFECTS

Analysis of avoidance conditioning following cholinergic stimulation of amygdala in rats. Goddard GV. **J Comp Physiol Psychol** 68:1-18, Jun 69

[Effect of medazepam on the threshold of subcortical evoked potentials measured in unanesthetized, freely moving cats] Hartmann A, et al. **Pflueger Arch** 307:R121, 1969 **(Ger)**

[Neurophysiological analysis of the effect of antidepressants on limbic reactions] Allikmets LKh, et al. **Fiziol Zh SSSR Sechenov** 54:145-51, Feb 68 **(Rus)**

ENZYMOLOGY

Amine synthesis in various brain regions with caudate or septal lesions. McGeer EG, et al. **Exp Neurol** 24:277-84, Jun 69

PATHOLOGY

[Quantitative histology of senile psychoses] Sabuncu N. **Verh Deutsch Ges Path** 52:250-5, 1968 **(Ger)**

[The occurrence of senile plaques during the presenium] Wegener HH. **Verh Deutsch Ges Path** 52:256-60, 1968 **(Ger)**

PHYSIOLOGY

Electrophysiological studies of amygdalo-hypothalamic connections. Gloor P, et al. **Ann NY Acad Sci** 157:629-41, 15 May 69

Behavior of hypothalamic unit activity during electrophoretic application of drugs. Oomura Y, et al. **Ann NY Acad Sci** 157:642-65, 15 May 69

Temporal lobe recruitment systems. Caruthers RP. **Electroenceph Clin Neurophysiol** 26:336, Mar 69

Studies of the electrical parameters and behavioral effects of an EEG "seizure discharge". McCrum WR, et al. **Henry Ford Hosp Med J** 17:77-88, Summer 69

Deficits in shock-avoidance performance after amygdala-hippocampus separation. Caruthers RP. **J Comp Physiol Psychol** 67:547-54, Apr 69

Analysis of avoidance conditioning following cholinergic stimulation of amygdala in rats. Goddard GV. **J Comp Physiol Psychol** 68:1-18, Jun 69

Olfactory discrimination in monkeys with lesions in the amygdala. Schuckman H, et al. **J Comp Physiol Psychol** 67:212-5, Feb 69

Release of norepinephrine from hypothalamus and amygdala by rewarding medial forebrain bundle stimulation and amphetamine. Stein L, et al. **J Comp Physiol Psychol** 67:189-98, Feb 69

Uncus and amygdala lesions: effects on social behavior in the free-ranging rhesus monkey. Dicks D, et al. **Science** 165:69-71, 4 Jul 68

[Effect of medazepam on the threshold of subcortical evoked potentials measured in unanesthetized, freely moving cats] Hartmann A, et al. **Pflueger Arch** 307:R121, 1969 **(Ger)**

[Influence of limbic structures on blood pressure, heart rate and behavior of awake, unanesthetized cats] Heinemann H, et al. **Pflueger Arch** 307:R124-5, 1969 **(Ger)**

[On different cholinergic mechanisms in intracerebral regulation systems] Borodkin IuS, et al. **Fiziol Zh SSSR Sechenov** 54:1006-9, Sep 68 **(Rus)**

[The effect of electrolytic destruction of the amygdaline nuclei on the distribution of corroborative systems of the brain in animals] Levtova FA, et al. **Fiziol Zh SSSR Sechenov** 54:406-12, Apr 68 **(Rus)**

[Comparative effects of polarization of the reticular formation and amygdaloid complex in anesthetized rabbits] Riabinina MA. **Fiziol Zh SSSR Sechenov** 54:906-12, Aug 68 **(Rus)**

PHYSIOPATHOLOGY

Acid-base changes during lidocaine induced seizures in Macaca mulatta. Munson ES, et al. **Arch Neurol (Chicago)** 20:406-12, Apr 69

Deep temporal stimulation in man. Long latency, long lasting psychological changes. Stevens JRMARK VH, et al. **Arch Neurol (Chicago)** 21:157-69, Aug 69

Amygdalo-hippocampal interconnections in man. Physiological study during stereotaxic explorations. Buser P, et al. **Electroenceph Clin Neurophysiol** 26:637, Jun 69

HYPOTHALAMO-HYPOPHYSEAL SYSTEM

Amenorrhea associated with emaciation. Timonen S, et al. **Ann Chir Gynaec Fenn** 57:431-5, 1968

Luteinizing hormone releasing activity of crude ovine hypothalamic extract in man. Root AW, et al. **Nature (London)** 221:570-2, 8 Feb 69

The arcuate complex of the female rat during the sexual cycle. An electron microscopic study. Zambrano D. **Z Zellforsch** 93:560-70, 1969

[Post-partum adeno-hypophyseal insufficiency with diabetes insipidus] Morínigo F, et al. **Arq Brasil Endocr** 17:93-8, Aug 68 **(Por)**

ANATOMY & HISTOLOGY

Autoradiographic studies on the neurosecretory hypothalamo-hypophysial system of the grass frog (Rana pipiens) after disconnection of the distal hypophysis. Dellmann HD, et al. **Experientia** 25:197-9, 15 Feb 69

[Fluorescence- and electron microscopic studies of the hypothalamo-hypophysial system of Passer domesticus] Oehmke HJ, et al. **Z Zellforsch** 95:109-33, 1969 **(Ger)**

CYTOLOGY

A quantitative analysis of the normal neuron population of the hypothalamic magnocellular nuclei in man and of their projections to the neurohypophysis. Morton A. **J Comp Neurol** 136:143-57, Jun 69

Investigations on the hypothalamo-neurohypophysial neurosecretory system of the grass frog (Rana pipiens) after transection of the proximal neurohypophysis. II. Light- and electron microscopic findings in the disconnected distal neurohypophysis with special emphasis on the pituicytes. Dellmann HD, et al. **Z Zellforsch** 94:325-36, 1969

Histology and ultrastructure of the neural lobe of the lizard, Klauberina riversiana. Rodriguez EM, et al. **Z Zellforsch** 95:37-57, 1969

NEUROENDOCRINOLOGY

DRUG EFFECTS

Neonatal corticoid administration: effects upon adult pituitary growth hormone and hypothalamic growth hormone-releasing hormone activity. Sawano S, et al. **Acta Endocr (Kobenhavn)** 61:57-67, May 69

Effects of dopamine on reproductive processes and fetal developmnt in rats. Samojlik E, et al. **Amer J Obstet Gynec** 104:578-85, 15 Jun 69

Hypothalamo-pituitary-adrenal function in the rat after prolonged treatment with cortisol. Hodges JR, et al. **Brit J Pharmacol** 36:489-95, Jul 69

Effects of medroxyprogesterone acetate and chlorpromazine on ovulation and vaginal cytology in a strain of 4-day cyclic rats. Banik UK, et al. **Canad J Physiol Pharmacol** 47:573-5, Jun 69

Suppression of the hypothalami- c-pituitary-adrenal axis in the newborn dog. Muelheims GH, et al. **Endocrinology** 85:365-7, Aug 69

Effect of progesterone and hypothalamic stimulation on LH release at different stages of the oestrous cycle in the rat. Kaasjager WA. **J Endocr** 43:xix-xx, Jan 69

Failure of androgen to affect ovulation and puberty in swine. Stratman FW, et al. **J Reprod Fertil** 18:343-5, Mar 69

A test for alcoholism? Merry J, et al. **Lancet** 2:107-8, 12 Jul 69

A test for alcoholism? Noble EP, et al. **Lancet** 2:107, 12 Jul 69

[Pyridoxine in the treatment of early pregnancy toxemias. II. Theoretical contribution to the mechanism of action of vitamin B 6] Than N, et al. **Z Geburtsh Gynaek** 170:151-62, Apr 69 **(Ger)**

[The ovulation inhibitors in clinical practice] Vaglio N. **Minerva Med** 60:1522-3, 18 Apr 69 **(Ita)**

[Morphologic analysis of the state of the hypothalamo-hypophyseal neurosecretory system and thyroid gland of white mice under chronic salt load] Iakovleva IV, et al. **Biull Eksp Biol Med** 63:91-5, Apr 67 **(Rus)**

[On the role of the adrenergic substrate in the regulation of the hypothalamus of the blood coagulation system] Markosian AA, et al. **Fiziol Zh SSSR Sechenov** 53:1455-62, Dec 67 **(Rus)**

ENZYMOLOGY

Diurnal rhythms of monoamine oxidase activity in the quail hypothalamus during photoperiodic stimulation. Follett BK. **Comp Biochem Physiol** 29:591-600, May 69

[Enzyme-histochemical investigation of the infundibulum and neural lobe in the normal and bilaterally adrenalectomized rat] Bock R, et al. **Z Zellforsch** 95:415-28, 1969 **(Ger)**

GROWTH & DEVELOPMENT

The thyroid gland and the neurosecretory activity of the hypothalamus in the newborn rabbit. Slebodziński A, et al. **J Endocr** 42:193-203, Oct 68

METABOLISM

[Thyroid metabolism of radio-iodine in birds after prehypophysectomy or hypothalamo-hypophyseal disconnection] Baylé JD, et al. **J Physiol (Paris)** 59:Suppl:210, 1967 **(Fre)**

[Tumors of the hypophysis in Itsenko-Cushing disease] Soskin LS, et al. **Zh Nevropat Psikhiat Korsakov** 69:286-92, 1969 (101 ref.) **(Rus)**

PHYSIOLOGY

The response of the rat testis to prolonged administration of an androgen antagonist (cyproterone). Mietkiewski K, et al. **Acta Endocr (Kobenhavn)** 60:561-70, Apr 69

Neonatal corticoid administration: effects upon adult pituitary growth hormone and hypothalamic growth hormone-releasing hormone activity. Sawano S, et al. **Acta Endocr (Kobenhavn)** 61:57-67, May 69

The hypothalamus and pancreas in intestinal function. Lepkovsky S, et al. **Ann NY Acad Sci** 157:1062-8, 15 May 69 (13 ref.)

Hypothalamicohypophyseal portal system in experimental ovarian tumorigenesis. **China Med** 3:175-87, Mar 68

Effect of corticotropin-releasing factor, dexamethasone and actinomycin D on the release of ACTH from rat pituitaries in vivo and in vitro. Arimura A, et al. **Endocrinology** 85:300-11, Aug 69

Depression of thyrotropin releasing factor induction of thyrotropin release by throxine in small doses. Averill RL. **Endocrinology** 85:67-71, Jul 69

Maturation of the hypothalamic-pituitary-gonadal negative feedback system. Baker FD, et al. **Endocrinology** 85:522-7, Sep 69

Relation of cerebrospinal fluid circulation to the ACTH-suppressing effects of corticosteroid implants in the rat brain. Kendall JW, et al. **Endocrinology** 85:200-8, Aug 69

Suppression of the hypothalami- c-pituitary-adrenal axis in the newborn dog. Muelheims GH, et al. **Endocrinology** 85:365-7, Aug 69

Growth hormone secretion by pituitary grafts under the median eminence or renal capsule. Peng MT, et al. **Endocrinology** 85:360-5, Aug 69

Release of antidiuretic hormone from neurohypophysis in response to hemorrhage and infusion of hypertonic saline in dogs. Saito T, et al. **Endocrinology** 85:72-8, Jul 69

Possible role of dopamine as transmitter to promote discharge of LH-releasing factor. Schneider HP, et al. **Endocrinology** 85:121-32, Jul 69

Changes in electrical activity in the rat hypothalamus related to electrochemical stimulation of adenohypophyseal function. Terasawa E, et al. **Endocrinology** 85:143-9, Jul 69

Autoradiographic studies on the neurosecretory hypothalamo-hypophysial system of the grass frog (Rana pipiens) after disconnection of the distal hypophysis. Dellmann HD, et al. **Experientia** 25:197-9, 15 Feb 69

Effect of hypophysectomy on the oxidative ang glycolytic metabolism of hypothalamus. Libertun C, et al. **Experientia** 25:196-7, 15 Feb 69

Consequences of hypothalamic deafferentation in female rats and guinea-pigs. Butler JE, et al. **J Endocr** 43:xx-xxi, Jan 69

Prolactin activity and human growth hormone in pharyngeal hypophyses from embalmed cadavers. McGrath P. **J Endocr** 42:205-12, Oct 68

Afferent pathways of stressful stimuli: corticotropin release after partial deafferentation of the medial basal hypothalamus. Makara GB, et al. **J Endocr** 44:187-93, Jun 69

Localization of luteinizing hormone-releasing factor in the pre-optic area. Crighton DB, et al. **J Reprod Fertil** 18:166, Feb 69

Evaluation of three acute tests of hypothalamic-pituitary-adrenal function. Carroll BJ, et al. **Metabolism** 18:476-83, Jun 69

Feedback suppression of 'non-stress' pituitary-adrenal function in rats with forebrain removed. Dunn J, et al. **Neuroendocrinology** 4:296-308, 1969

The action of dexamethasone and vasopressin on hypothalamic CRF production and release. Hedge GA, et al. **Neuroendocrinology** 4:242-53, 1969

Neural activation of gonadotropic hormone release by electrical stimulation in the hypothalamus of the guinea pig and the rat. Quinn DL. **Neuroendocrinology** 4:254-63, 1969

The onset of the diurnal rhythm in ovarian cholesterol levels in the rat, in relation to the onset of puberty and ovarian and uterine weight changes. Zarrow MX, et al. **Neuroendocrinology** 4:270-7, 1969

Effects of thyroxine and thiouracil on hypothalamic PIF and pituitary prolactin levels. Chen CL, et al. **Proc Soc Exp Biol Med** 131:576-8, Jun 69

Investigations on the hypothalamo-neurohypophysial neurosecretory system of the grass frog (Rana pipiens) after transection of the proximal neurohypophysis. II. Light- and electron microscopic findings in the disconnected distal neurohypophysis with special emphasis on the pituicytes. Dellmann HD, et al. **Z Zellforsch** 94:325-36, 1969

Histology and ultrastructure of the neural lobe of the lizard, Klauberina riversiana. Rodriguez EM, et al. **Z Zellforsch** 95:37-57, 1969

[The aging of the endocrine system] Arvay A. **Bull Schweiz Akad Med Wiss** 24:299-318, Jan 69 **(Ger)**

[Studies on the origin of histamine in the cat pituitary] Lippert TH, et al. **Naunyn Schmiedeberg Arch Pharm Exp Path** 260:170-1, 1968 **(Ger)**

[Glycoactive function of the adrenal cortex in old age] Serio M, et al. **G Geront** 17:73-7, 2 Mar 68 (29 ref.) **(Ita)**

[Changes in the hypothalamo-hypophyseo-gonadal

system in male rats at the onset of puberty] Ishii S, et al. **Clin Endocr (Tokyo)** 17:113-8, Feb 69 **(Jap)**

[Morphologic analysis of the state of the hypothalamo-hypophyseal neurosecretory system and thyroid gland of white mice under chronic salt load] Iakovleva IV, et al.
Biull Eksp Biol Med 63:91-5, Apr 67 **(Rus)**

[Hypothalamo-pituitary control of the sexual cycle] Baranov VG, et al.
Fiziol Zh SSSR Sechenov 53:1367-75, Nov 67 **(Rus)**

[On the role of the adrenergic substrate in the regulation of the hypothalamus of the blood coagulation system] Markosian AA, et al.
Fiziol Zh SSSR Sechenov 53:1455-62, Dec 67 **(Rus)**

PHYSIOPATHOLOGY

Diabetes insipidus syndrome in hypopituitarism of pregnancy. Case report and a critical review of the literature. Aguiló F Jr, et al.
Acta Endocr (Kobenhavn) 60:Suppl 137:1+, 1969

Hypothalamic--pituitary function in depressive illness: insensitivity to hylycaemia. Carroll BJ.
Brit Med J 3:27-8, 5 Jul 69

Release of antidiuretic hormone from neurohypophysis in response to hemorrhage and infusion of hypertonic saline in dogs. Saito T, et al.
Endocrinology 85:72-8, Jul 69

Evaluation of three acute tests of hypothalamic-pituitary-adrenal function. Carroll BJ, et al. **Metabolism** 18:476-83, Jun 69

Water and salt metabolism following pituitary stalk section. Timmons RL, et al.
Neurology (Minneap) 19:790-800, Aug 69

[Peculiar aspects of menstrual pathology] Sarnella A.
Endocr Sci Cost 29:354-62, Nov 67 **(Ita)**

[On the role of the hypothalamo-hypophyseal neurosecretory system in the genesis of sudden death due to cardiovascular disease (histologic and histochemical study)] Prozorovskiĭ VI, et al.
Sudebnomed Ekspert 10:8-13, Oct-Dec 67 **(Rus)**

[On the clinical picture of the hyperhydropexic syndrome of Parkhon (non-sugar antidiabetes)] Sokol AE. **Ter Arkh** 39:105-7, Aug 67 **(Rus)**

SECRETION

Neurosecretion. Sachs H.
Advances Enzym 32:327-72, 1969 (147 ref.)

[Neurosecretion and diabetes insipidus] Koestner A, et al. **Verh Deutsch Ges Path** 52:458-64, 1968 **(Ger)**

[Morphologic analysis of the state of the hypothalamo-hypophyseal neurosecretory system and thyroid gland of white mice under chronic salt load] Iakovleva IV, et al.
Biull Eksp Biol Med 63:91-5, Apr 67 **(Rus)**

SURGERY

Autoradiographic studies on the neurosecretory hypothalamo-hypophysial system of the grass frog (Rana pipiens) after disconnection of the distal hypophysis. Delimann HD, et al.
Experientia 25:197-9, 15 Feb 69

Necrosis of anterior pituitary in humans. II. Kovács K.
Neuroendocrinology 4:201-41, 1969 (263 ref.)

HYPOTHALAMUS

Coexisting anterior pituitary and neurohypophyseal insufficiency. A syndrome with diagnostic implication. Martin MM.
Arch Intern Med (Chicago) 123:409-16, Apr 69

Localized hypothalamic histiocytosis X. Report of a case. Bernard JD, et al.
Arch Neurol (Chicago) 20:368-72, Apr 69

Hypothalamic potentials evoked by electrical stimulation of the vaginal cervix in the estrous guinea-pig. Inoué S. **Kybernetik** 5:171-3, Jan 69

Premature sexual development. Young IS, et al.
Postgrad Med 45:180-5, Mar 69

[Cerebral gigantism (apropos of a case with a study of somatotropic function)] Gaudier B, et al.
Pediatrie 24:325-37, Apr-May 69 **(Fre)**

[Diencephalic (hypothalamic) syndrome in children with rheumatism] Aleksandrova NI.
Pediatriia 47:39-42, May 68 **(Rus)**

[Periodic psychoses] Essing L.
Zh Nevropat Psikhiat Korsakov 69:535-8, 1969 **(Rus)**

ABNORMALITIES

Pulmonary hypertension and congestive heart failure in children with chronic upper airway obstruction. New concepts of etiologic factors. Bland JW Jr, et al.
Amer J Cardiol 23:830-7, Jun 69

ANALYSIS

Tissue catecholamine levels in normotensive, genetically hypertensive and renal hypertensive rats. Robertson AA, et al.
Aust J Exp Biol Med Sci 46:689-96, Dec 68

Effects of chlorpromazine on the metabolism of catecholamines in dog brain. Guldberg HC, et al.
Brit J Pharmacol 36:535-48, Jul 69

Glycol metabolites of noradrenaline in brain tissue. Sharman DF. **Brit J Pharmacol** 36:523-34, Jul 69

Nucleic acid content in developing rat brain after prenatal and/or neonatal exposure to high altitude. Petropoulos EA, et al. **Fed Proc** 28:1001-5, May-Jun 69

Localization of luteinizing hormone-releasing factor in the pre-optic area. Crighton DB, et al.
J Reprod Fertil 18:166, Feb 69

5-hydroxytryptamine, noradrenaline, and dopamine in brainstem, hypothalamus, and caudate nucleus of controls and of patients committing suicide by coal-gas poisoning. Pare CM, et al.
Lancet 2:133-5, 19 Jul 69

Recent studies of severe depressive illnesses. 2. Davies B. **Med J Aust** 1:557-65, 15 Mar 69 (122 ref.)

Isolation of oestradiol "receptors" from bovine hypothalamus and anterior pituitary gland. Kahwanago I, et al.
Nature (London) 223:313-4, 19 Jul 69

Purification of a growth hormone-inhibiting factor (CIF) from sheep hypothalamus. Dhariwal AP, et al.
Neuroendocrinology 4:282-8, 1969

Effects of thyroxine and thiouracil on hypothalamic PIF and pituitary prolactin levels. Chen CL, et al.
Proc Soc Exp Biol Med 131:576-8, Jun 69

[Regional distribution of histamine in the rat brain] Rönnberg AL, et al.
C R Acad Sci [D] (Paris) 268:2376-9, 12 May 69 **(Fre)**

[Attempted localization of monoamines in human hypothalamus] Constantinidis J, et al.
Path Biol (Paris) 17:361-3, Apr 69 **(Fre)**

[Hypothalamic lipids in old age] Stigliani R, et al.
Arch De Vecchi Anat Pat 50:1-91, Nov 67 **(Ita)**

[Secretion of ACTH and content of vasopressin in hypothalamus in guinea pigs] Leśnik H, et al.
Endokr Pol 20:187-97, May-Jun 69 **(Pol)**

ANATOMY & HISTOLOGY

Observations on the stereotaxic configuration of the hypothalamus nuclei in the sheep. Welento J, et al.
Anat Anz 124:1-27, 1969

II. Anatomical substrates and electrophysiological properties of neural systems regulating food and water intake. Fiber degeneration following lesions in the hypothalamic ventromedial nucleus. Sutin J, et al.
Ann NY Acad Sci 157:610-28, 15 May 69

The primary optic projections in the rabbit. An experimental degeneration study. Giolli RA, et al.
J Comp Neurol 136:99-126, May 69

The primary optic projections in the rabbit. An experimental degeneration study. Giolli RA, et al.
J Comp Neurol 6:99-126, May 69

The thyroid gland and the neurosecretory activity of the hypothalamus in the newborn rabbit. Slebodziński A, et al. **J Endocr** 42:193-203, Oct 68

Histological differences between ventromedial hypothalamic neurones of well fed and underfed rats. Pfaff DW. **Nature (London)** 223:77-8, 5 Jul 69

Structural changes in the hypothalamic ventromedial nucleus of the male rat, following neonatal castration and androgen treatment. Dörner G, et al.
Neuroendocrinology 4:278-81, 1969

Localization of estrogen receptors in the rat hypothalamus. McGrire JL, et al.
Neuroendocrinology 4:289-95, 1969

Hyperphagia in rats with cuts between the ventromedial and lateral hypothalamus. Albert DJ, et al. **Science** 165:599-600, 8 Aug 69

[On psychomotor activity] Does de Willebois AE va.
Psychiat Neurol Neurochir 71:483-500, Nov-Dec 68 (31 ref.) **(Fre)**

[Regional differences in the structure of the

nfundibular nucleus in birds (Passeriformes)] Oehmke HJ. Z Zellforsch 92:406-21, 1968 (Ger)
Hypothalamic lipids in old age] Stigliani R, et al. Arch De Vecchi Anat Pat 50:1-91, Nov 67 (Ita)

CYTOLOGY

euronal plasticity in the septal nuclei of the adult rat. Raisman G. Brain Res 14:25-48, Jun 69
emonstration of dense core vesicles by means of pyrogallol derivatives in noradrenaline containing neurones from the organon vasculosum hypothalami of Lacerta. Baumgarten HG, et al. Z Zellforsch 95:396-404, 1969
ypothalamic neurosecretion and metamorphosis in Xenopus laevis. 3. The effect of an interruption of thyroid hormone synthesis. Goos HJ. Z Zellforsch 92:583-7, 1968
he arcuate complex of the female rat during the sexual cycle. An electron microscopic study. Zambrano D. Z Zellforsch 93:560-70, 1969
Studies of the functional morphology of the neurohypophysis. II. Comparison of histological changes in the median eminence of the rat after bilateral adrenalectomy and hypophysectomy] Bock R, et al. Z Zellforsch 94:434-40, 1969 (Ger)
On the problem of the relation of neurosecretory hypothalamic nuclei to gonadal function] Smollich A. Z Zellforsch 95:216-22, 1969 (Ger)
Ependymal secretion and receptors in the wall of the recessus infundibularis in mice and their relationship to the small-cell hypothalamus] Wittkowski W. Z Zellforsch 93:530-46, 1969 (Ger)

DRUG EFFECTS

Water and salt intake induced by hypothalamic implants of cholinergic and adrenergic agents. Chiaraviglio E, et al. Amer J Physiol 216:1418-22, Jun 69
Behavior of hypothalamic unit activity during electrophoretic application of drugs. Oomura Y, et al. Ann NY Acad Sci 157:642-65, 15 May 69
The adrenergic and cholinergic control of food and water intake. Soulairac A. Ann NY Acad Sci 157:934-61, 15 May 69
Central synaptic transmission--microelectrophoretic studies. Curtis DR, et al. Ann Rev Pharmacol 9:209-40, 1969 (205 ref.)
Effect of drugs on the uptake of noradrenaline by isolated hypothalamic vesicles. Philippu A, et al. Europ J Pharmacol 6:96-101, May 69
Effect of learning and of drugs on the ribonucleic acid concentration of brain structures of the rat. Nasello AG, et al. Exp Neurol 23:521-8, Apr 69
Effects of central versus intraperitoneal D-amphetamine administration on learned behavior. Khavari KA. J Comp Physiol Psychol 68:226-34, Jun 69
Cholinergic synapses in the ventromedial hypothalamus for the suppression of operant behavior by punishment and satiety. Margules DL, et al. J Comp Physiol Psychol 67:327-35, Mar 69
Metyrapone and pyrogen tests in hyperadrenocorticism: evaluation of blood corticotropin levels. Litta-Modignani R, et al. J Endocr 42:245-51, Oct 68
The thyroid gland and the neurosecretory activity of the hypothalamus in the newborn rabbit. Slebodziński A, et al. J Endocr 42:193-203, Oct 68
Effects of prolonged feeding of an ovulation inhibitor (Lyndiol) on ageing of the hypothalamic-ovarian axis and pituitary gland tumorigenesis in rats. Zeilmaker GH. J Endocr 43:xxi-xxii, Jan 69
Effect of norepinephrine on 32P incorporation into individual phosphatides in slices from different areas of the guinea pig brain. Hokin MR. J Neurochem 16:127-34, Feb 69
Stimulation of release of luteinizing hormone-releasing factor from hypothalamic tissue by dopamine in vitro. Schneider HP, et al. J Reprod Fertil 18:178, Feb 69
The pyloric antrum as a regulator of gastrointestinal secretions. Cooke AR. Med J Aust 1:933-6, 3 May 69
Effect of intrahypothalamic infusion of acetylcholine on behavioural and physiological thermoregulation in the rat. Beckman AL, et al. Nature (London) 221:561-2, 8 Feb 69
Induction of running activity by intracerebral implants of estrogen in overiectomized rats. Colvin GB, et al. Neuroendocrinology 4:309-20, 1969
Structural changes in the hypothalamic ventromedial nucleus of the male rat, following neonatal castration and androgen treatment. Dörner G, et al. Neuroendocrinology 4:278-81, 1969
Cyclic adenylate and hypothalamic regulatory functions. Breckenridge BM, et al. Proc Soc Exp Biol Med 131:934-5, Jul 69
Unexpected adrenergic effects of chlorpromazine: eating elicited by injection into rat hypothalamus. Leibowitz SF, et al. Science 165:609-11, 8 Aug 69
Hypothalamic neurosecretion and metamorphosis in Xenopus laevis. 3. The effect of an interruption of thyroid hormone synthesis. Goos HJ. Z Zellforsch 92:583-7, 1968
[On the point of attack of the analgesic effect of morphine] Herz A, et al. Naunyn Schmiedeberg Arch Pharm Exp Path 260:143, 1968 (Ger)
[On the problem of the relation of neurosecretory hypothalamic nuclei to gonadal function] Smollich A. Z Zellforsch 95:216-22, 1969 (Ger)
[The role of the hypothalamus cholinergic substratus in the control of the blood coagulation system] Chepurov AK, et al. Biull Eksp Biol Med 63:30-5, Apr 67 (Rus)
[On the role of the adrenergic substrate in the regulation of the hypothalamus of the blood coagulation system] Markosian AA, et al. Fiziol Zh SSSR Sechenov 53:1455-62, Dec 67 (Rus)

ENZYMOLOGY

Comparative studies on the oxidation of 5-hydroxytryptamine and 3,4-dimethoxyphenylethylamine in rat, dog and human brain. Huszti Z, et al. J Neurochem 15:1407-13, Dec 68
The distribution of tryptophan hydroxylase in cat brain. Peters DA, et al. J Neurochem 15:1431-5, Dec 68

IMMUNOLOGY

[Antibody synthesis against a background of electrocoagulation of the posterior hypothalamic nucleus of the hypothalamus] Poliak AI, et al. Zh Mikrobiol 46:52-6, Mar 69 (Rus)

INJURIES

Ovulation-inducing action of clomiphene citrate in the rat. Döcke F. J Reprod Fertil 18:135-7, Feb 69
[Electron microscopic studies of the adenohypophysis following ventromedial hypothalamic lesions in rats] Themann H, et al. Beitr Path Anat 139:37-58, 1969 (Ger)

INNERVATION

[Effects of stimulation of the ventromedian hypothalamic nucleus on spontaneous and acquired feeding behavior in rats] Le Moal M, et al. J Physiol (Paris) 59:Suppl:258-9, 1967 (Fre)

METABOLISM

Oxidation of several Krebs' substrates by the male rat hypothalamus. Effect of castration. Schiaffini O. Acta Physiol Lat Amer 18:345-50, 1968
Effect of castration on the succinate oxidation and succinic dehydrogenase in rat hypothalamus. Schiaffini O, et al. Acta Physiol Lat Amer 18:351-4, 1968
Uptake and retention of tritiated estradiol in brain and peripheral tissues of male, female and neonatally androgenized female rats. Green R, et al. Endocrinology 85:373-8, Aug 69
Effect of actinomycin D on the inhibitory response of estrogen on LH release. Schally AV, et al. Endocrinology 85:290-9, Aug 69
Effect of learning and of drugs on the ribonucleic acid concentration of brain structures of the rat. Nasello AG, et al. Exp Neurol 23:521-8, Apr 69
Effect of hypophysectomy on the oxidative ang glycolytic metabolism of hypothalamus. Libertun C, et al. Experientia 25:196-7, 15 Feb 69
The action of dexamethasone and vasopressin on hypothalamic CRF production and release. Hedge GA, et al. Neuroendocrinology 4:242-53, 1969
Metabolic evidence of the sexual differentiation of hypothalamus. Mogilevsky JA, et al. Neuroendocrinology 4:264-9, 1969

[On quantitative changes of "Gomori-positive" substances in the median eminence and neural lobe of the rat hypophysis after bilateral adrenalectomy] Stöhr PA. Z Zellforsch 94:425-33, 1969 (Ger)

PATHOLOGY

Localized hypothalamic histiocytosis X. Report of a case. Bernard JD, et al.
Arch Neurol (Chicago) 20:368-72, Apr 69

Progressive morphologic changes in electrolytic brain lesions. Wolf G, et al. Exp Neurol 23:529-36, Apr 69

"Infantile" subacute necrotizing encephalopathy in the adult. Feigin I, et al.
Neurology (Minneap) 19:749-59, Aug 69

Chronic effects of complete limbic lobe destruction in man. Friedman HM, et al.
Neurology (Minneap) 19:679-90, Jul 69

Persistent estrus: an experimental model of the polycystic ovary syndrome. Singh KB.
Obstet Gynec Survey 24:2-17, Jan 69 (111 ref.)

Ultrastructural aspects of infections in the central nervous system. Luse SA.
Res Publ Ass Res Nerv Ment Dis 44:53-70, 1968 (14 ref.)

[On psychomotor activity] Does de Willebois AE va. Psychiat Neurol Neurochir 71:483-500, Nov-Dec 68 (31 ref.) (Fre)

[Adiposity and fat metabolism] Reinheimer W. Deutsch Med J 19:264-70, 20 Apr 68 (Ger)

[On a case of Russel's syndrome] Masarone M. Minerva Pediat 21:333-4, 25 Feb 69 (Ita)

PHYSIOLOGY

Two different types of goitrogen blockage: their importance in the neural control of the thyroid gland. Voloschin LM, et al.
Acta Physiol Lat Amer 17:234-46, 1967

Evidence for a hypothalamic control of renal sodium excretion. Andersson B, et al.
Acta Physiol Scand 75:496-510, Mar 69

Hypothalamic control of adrenergic outflow to the stomach in the cat. Jansson G, et al.
Acta Physiol Scand 75:176-86, Jan-Feb 69

Water and salt intake induced by hypothalamic implants of cholinergic and adrenergic agents. Chiaraviglio E, et al.
Amer J Physiol 216:1418-22, Jun 69

Plasma insulin and triglyceride levels after hypothalamic lesions in weanling rats. Frohman LA, et al. Amer J Physiol 216:1496-501, Jun 69

Influence of initial resistance on magnitude of response to vasomotor stimuli. Myers HA, et al.
Amer J Physiol 216:1429-36, Jun 69

Osmoregulation and volume regulation in rats: inhibition of hypovolemic thirst by water. Stricker EM. Amer J Physiol 217:98-105, Jul 69

V. Humoral and metabolic factors in the regulation of food and water intake. Food intake studies in parabiotic rats. Fleming DG.
Ann NY Acad Sci 157:985-1003, 15 May 69

Electrophysiological studies of amygdalo-hypothalamic connections. Gloor P, et al.
Ann NY Acad Sci 157:629-41, 15 May 69

A neuropharmacological analysis of hypothalamic and extrahypothalamic mechanisms concerned with the regulation of food and water intake. Grossman SP.
Ann NY Acad Sci 157:902-17, 15 May 69 (52 ref.)

Problems of refeeding after starvation in the rat. Hamilton CL. Ann NY Acad Sci 157:1004-17, 15 May 69

Feeding and self-stimulation. Hoebel BG.
Ann NY Acad Sci 157:758-78, 15 May 69

Taste versus calories: sensory and metabolic signals in the control of food intake. Jacobs HL, et al.
Ann NY Acad Sci 157:1084-125, 15 May 69

Interactions between feeding behavior and hormones during growth. Kennedy GC.
Ann NY Acad Sci 157:1049-61, 15 May 69

The hypothalamus and pancreas in intestinal function. Lepkovsky S, et al.
Ann NY Acad Sci 157:1062-8, 15 May 69 (13 ref.)

General and specific reinforcement systems for drinking behavior. Mogenson GJ.
Ann NY Acad Sci 157:779-97, 15 May 69

The function of the limbic and rhinic forebrain-limbic midbrain systems and reticular formation in the regulation of food and water intake. Morgane PJ.
Ann NY Acad Sci 157:806-48, 15 May 69

Chemical mechanisms in the hypothalamus mediating eating and drinking in the monkey. Myers RD.
Ann NY Acad Sci 157:918-33, 15 May 69

Early systemic responses to orogastric stimulation in the regulation of food and water balance: functional and electrophysiological data. Nicolaidis S.
Ann NY Acad Sci 157:1176-203, 15 May 69

Unit and D-C potential studies of the supraoptic nucleus. Novin D, et al.
Ann NY Acad Sci 157:740-54, 15 May 69

Some stochastical patterns of single unit discharges in the cat hypothalamus under chronic conditions. Oomura Y, et al.
Ann NY Acad Sci 157:666-89, 15 May 69

Alterations of central thirst mechanisms by drugs. Schmidt H Jr. Ann NY Acad Sci 157:962-76, 15 May 69

Alterations of caloric intake in cats following lesions of the hypothalamus and midbrain. Skultety FM.
Ann NY Acad Sci 157:861-74, 15 May 69

Alterations in water intake and core temperature in baboons during hypothalamic thermal stimulation. Sundsten JW. Ann NY Acad Sci 157:1018-29, 15 May 69

II. Anatomical substrates and electrophysiological properties of neural systems regulating food and water intake. Fiber degeneration following lesions in the hypothalamic ventromedial nucleus. Sutin J, et al.
Ann NY Acad Sci 157:610-28, 15 May 69

Stages of recovery and development of lateral hypothalamic control of food and water intake. Teitelbaum P, et al.
Ann NY Acad Sci 157:849-60, 15 May 69

Sex differences in hyperphagia and body weight following hypothalamic damage. Valenstein ES, et al.
Ann NY Acad Sci 157:1030-48, 15 May 69

Central pathways involved during the salt arousal of drinking. Wayner MJ, et al.
Ann NY Acad Sci 157:701-22, 15 May 69

Cyclic changes in electrical activity of the rat midbrain reticular formation during the estrous cycle. Terasawa E, et al. Brain Res 14:189-98, Jun 69

Sympathetic ganglionic transmission and the cardiovascular changes of the defense reaction in the cat. Brown AM. Circ Res 24:843-9, Jun 69

Visual evoked potentials at hypothalamic and tegmental areas of the upper brain-stem. Bogacz J, et al. Electroenceph Clin Neurophysiol 26:288-95, Mar 69

Effects of stimulating reticular formation, hippocampus and septum on single cells in the posterior hypothalamus. Dafny N, et al.
Electroenceph Clin Neurophysiol 26:578-87, Jun 69

Central gray matter and maintenance of tonic arousal. Demetrescu M.
Electroenceph Clin Neurophysiol 26:336, Mar 69

[Somato-motor effects of isolated and simultaneous stimulation of the hypothalamus and the caudate nucleus in cats with permanent implanted electrodes. Giammanco S, et al.
Electroenceph Clin Neurophysiol 27:99, Jul 69

Hippocampal slow ("arousal") wave activation in the rostral midbrain transected cat. Kawamura H, et al.
Electroenceph Clin Neurophysiol 25:471-80, Nov 68

Somnolence, recovery and hyposomnia following ventro-medial diencephalic lesions in the rat. McGinty DJ. Electroenceph Clin Neurophysiol 26:70-9, Jan 69

Conditioned responses of hippocampal and other neurons. Olds J, et al.
Electroenceph Clin Neurophysiol 26:159-66, Feb 69

Single unit patterns during anticipatory behavior. Olds J, et al.
Electroenceph Clin Neurophysiol 26:144-58, Feb 69

Ovarian ascorbic acid depleting factors in the chicken hypothalamus. Jackson GL, et al.
Endocrinology 85:113-20, Jul 69

Changes in electrical activity in the rat hypothalamus related to electrochemical stimulation of adenohypophyseal function. Terasawa E, et al.
Endocrinology 85:143-9, Jul 69

Changes in bile secretion produced by hippocampal and hypothalamic stimulation. Birnbaum D, et al.
Exp Neurol 24:265-71, Jun 69

Thermal factors controlling rabbit skin thermoregulatory processes. Smith RE.
Fed Proc 28:1011-6, May-Jun 69

Ventromedial hypothalamic lesions and changes in body weight and food consumption in male and female rats. Cox VC, et al.
J Comp Physiol Psychol 67:320-6, Mar 69

Epileptiform seizures and the rat's choice of stimulus duration in electrical self-stimulation. Herberg LJ, et al. J Comp Physiol Psychol 67:442-7, Apr 69

Effects of central versus intraperitoneal

D-amphetamine administration on learned behavior. Khavari KA. **J Comp Physiol Psychol** 68:226-34, Jun 69

Food-associated drinking in the rat. Kissileff HR. **J Comp Physiol Psychol** 67:284-300, Mar 69

Exaggerated prandial drinking in the "recovered lateral" rat without saliva. Kissileff HR, et al. **J Comp Physiol Psychol** 67:301-8, Mar 69

Cholinergic synapses in the ventromedial hypothalamus for the suppression of operant behavior by punishment and satiety. Margules DL, et al. **J Comp Physiol Psychol** 67:327-35, Mar 69

Thermoregulatory grooming and sleep-like relaxation induced by local warming of preoptic area and anterior hypothalamus in opossum. Roberts WW, et al. **J Comp Physiol Psychol** 67:182-8, Feb 69

Release of norepinephrine from hypothalamus and amygdala by rewarding medial forebrain bundle stimulation and amphetamine. Stein L, et al. **J Comp Physiol Psychol** 67:189-98, Feb 69

Development of feeding parallels its recovery after hypothalamic damage. Teitelbaum P, et al. **J Comp Physiol Psychol** 67:430-41, Apr 69

Intracranial self-stimulation in cats surgically deprived of autonomic outflows. Ward JW, et al. **J Comp Physiol Psychol** 67:336-43, Mar 69

Consequences of hypothalamic deafferentation in female rats and guinea-pigs. Butler JE, et al. **J Endocr** 43:xx-xxi, Jan 69

Effect of progesterone and hypothalamic stimulation on LH release at different stages of the oestrous cycle in the rat. Kaasjager WA. **J Endocr** 43:xix-xx, Jan 69

Afferent pathways of stressful stimuli: corticotropin release after partial deafferentation of the medial basal hypothalamus. Makara GB, et al. **J Endocr** 44:187-93, Jun 69

Dissociation between production and storage of corticotrophin-releasing factor. Smelik PG, et al. **J Endocr** 43:xxxvii, Jan 69

Control of body temperature in the unanaesthetized monkey by cholinergic and aminergic systems in the hypothalamus. Myers RD, et al. **J Physiol (London)** 202:483-500, Jun 69

Reproductive potential of the male rat: enhancement of copulatory levels following lesions of the mammillary body in sexually non-active and active animals. Lish RD. **J Reprod Fertil** 19:353-6, Jul 69

The female sex cycle. Horrobin DF. **J Theor Biol** 22:80-8, Jan 69

Feedback suppression of 'non-stress' pituitary-adrenal function in rats with forebrain removed. Dunn J, et al. **Neuroendocrinology** 4:296-308, 1969

Localization of estrogen receptors in the rat hypothalamus. McGrire JL, et al. **Neuroendocrinology** 4:289-95, 1969

Neural activation of gonadotropic hormone release by electrical stimulation in the hypothalamus of the guinea pig and the rat. Quinn DL. **Neuroendocrinology** 4:254-63, 1969

Cyclic adenylate and hypothalamic regulatory functions. Breckenridge BM, et al. **Proc Soc Exp Biol Med** 131:934-5, Jul 69

Restoration of pituitary lactogen released in response to suckling. Convey EM, et al. **Proc Soc Exp Biol Med** 131:543-6, Jun 69

The induction of neurogenic hypercholesteremia. Friedman M, et al. **Proc Soc Exp Biol Med** 131:759-62, Jul 69

Effect of brain stimulation on estrous activity cycls. Hitt JC, et al. **Psychol Rep** 24:59-68, Feb 69

Hypothalamic neurosecretion and metamorphosis in Xenopus laevis. 3. The effect of an interruption of thyroid hormone synthesis. Goos HJ. **Z Zellforsch** 92:583-7, 1968

[Study, using the Nauta technique, of degeneration after electrolytic lesion of the septal region in the wood mouse (Apodemus sylvaticus)] Genton C. **Brain Res** 14:1-23, Jun 69 **(Fre)**

[Studies of the functional morphology of the neurohypophysis. II. Comparison of histological changes in the median eminence of the rat after bilateral adrenalectomy and hypophysectomy] Bock R, et al. **Z Zellforsch** 94:434-40, 1969 **(Ger)**

[Regional differences in the structure of the infundibular nucleus in birds (Passeriformes)] Oehmke HJ. **Z Zellforsch** 92:406-21, 1968 **(Ger)**

[On the problem of the relation of neurosecretory hypothalamic nuclei to gonadal function] Smollich A. **Z Zellforsch** 95:216-22, 1969 **(Ger)**

[On quantitative changes of "Gomori-positive" substances in the median eminence and neural lobe of the rat hypophysis after bilateral adrenalectomy] Stöhr PA. **Z Zellforsch** 94:425-33, 1969 **(Ger)**

[Effects of gonadotropin and ovarian hormones upon evoked potentials in the hypothalamus by stimulation of limbic structures] Kimura F. **J Physiol Soc Jap** 31:209-23, 1969 **(Jap)**

[Fronto-hypothalamic control of alimentary conditioned reflexes in rabbits] Balińska H. **Acta Physiol Pol** 20:227-41, 1969 **(Pol)**

[The role of the hypothalamus cholinergic substratus in the control of the blood coagulation system] Chepurov AK, et al. **Biull Eksp Biol Med** 63:30-5, Apr 67 **(Rus)**

[The effect of bringing the kidney out to a subcutaneous location on the hypothalamus] Ludentsova SV. **Biull Eksp Biol Med** 67:114-7, Apr 69 **(Rus)**

[Influence of cervical sympathetic nerve and hypothalamus on direct cortical responses] Baklavadzhian OG, et al. **Fiziol Zh SSSR Sechenov** 53:1331-9, Nov 67 **(Rus)**

[Interrelationship between the cortex and subcortical brain structures in the reaction to hypoxia] Golubeva EL, et al. **Fiziol Zh SSSR Sechenov** 54:884-92, Aug 68 **(Rus)**

[On the effect of local destruction of the posterior hypothalamic structures on the intensity of protein synthesis in blood and organs of rabbits] Korneva EA. **Fiziol Zh SSSR Sechenov** 55:93-8, Jan 69 **(Rus)**

[The effect of electrolytic destruction of the amygdaline nuclei on the distribution of corroborative systems of the brain in animals] Levtova FA, et al. **Fiziol Zh SSSR Sechenov** 54:406-12, Apr 68 **(Rus)**

[Hypothalmic neurosecretion under repeated exposures to high environmental temperatures] Makhmudov ES, et al. **Fiziol Zh SSSR Sechenov** 54:421-5, Apr 68 **(Rus)**

[An analysis of hypothalamic mechanism of fever reaction] Repin IS, et al. **Fiziol Zh SSSR Sechenov** 53:1206-11, Oct 67 **(Rus)**

[Concerning morpho-functional relationships between phylogentically different regions of the hypothalamus and neocortex in rabbits] Sollertinskaia TN. **Fiziol Zh SSSR Sechenov** 54:426-35, Apr 68 **(Rus)**

[Correlation of somatovegatative manifestations of emotion-behavioral reactions] Val'dman AV, et al. **Fiziol Zh SSSR Sechenov** 55:22-37, Jan 69 **(Rus)**

PHYSIOPATHOLOGY

The Prader-Labhart-Willi syndrome: review of the literature and report of nine cases. Dunn HG. **Acta Paediat Scand Suppl** 186:1+, 1968

"Shavasan": A yogic exercise in the management of hypertension. Datey KK, et al. **Angiology** 20:325-33, Jun 69

Raising the threshold in experimental epilepsy by hypothalamic and septal stimulation and by audiogenic seizures. Herberg LJ, et al. **Brain** 92:313-28, 1969

Photic evoked responses in patients with thalamic and brain stem lesions. Crighel E, et al. **Confin Neurol** 30:301-12, 1968

Autonomic failure with persistent fever in cerebral gigantism. Appenzeller O, et al. **J Neurol Neurosurg Psychiat** 32:123-8, Apr 69

Cellularity of rat adipose tissue in relation to growth, starvation, and obesity. **Nutr Rev** 27:146-9, May 69 (13 ref.)

The induction of neurogenic hypercholesteremia. Friedman M, et al. **Proc Soc Exp Biol Med** 131:759-62, Jul 69

[Advantages of restoring the granular catecholamine stock and of SH groups in the treatment of so-called "irreversible" hemorrhagic shock] Laborit H. **Presse Med** 77:715-7, 19 Apr 69 **(Fre)**

[Functional state of the hypothalamic centers in rabbits with an experimental periodontitis induced by irritation of the dental pulp with phenol] Usineviciu A, et al. **Rev Stomat (Paris)** 70:97-108, Mar 69 **(Fre)**

[Clinical picture and treatment of obesity] Henning H. **Deutsch Med J** 19:421-5, 5 Jun 68 (44 ref.) **(Ger)**

[Hypothalamic lipids in old age] Stigliani R, et al. **Arch De Vecchi Anat Pat** 50:1-91, Nov 67 **(Ita)**

[Changes in the bioelectric activity of the brain in hypothalamic epilepsy] Shefer DG, et al. **Zh Nevropat Psikhiat Korsakov** 69:548-53, 1969 **(Rus)**

RADIATION EFFECTS

[Radiosensitivity of the hypothalamus during megavolt radiation therapy of brain tumors] Badmaev KN, et al. **Med Radiol (Moskva)** 12:13-7, Feb 67 **(Rus)**

SECRETION

The thyroid gland and the neurosecretory activity of the hypothalamus in the newborn rabbit. Slebodziński A, et al. **J Endocr** 42:193-203, Oct 68

Stimulation of release of luteinizing hormone-releasing factor from hypothalamic tissue by dopamine in vitro. Schneider HP, et al. **J Reprod Fertil** 18:178, Feb 69

[Ependymal secretion and receptors in the wall of the recessus infundibularis in mice and their relationship to the small-cell hypothalamus] Wittkowski W. **Z Zellforsch** 93:530-46, 1969 **(Ger)**

[Neuro-endocrine mechanism in control of TSH secretion, with special reference to TRF. 1. Extraction and purification of TRF] Tsuji S, et al. **Saishin Igaku** 24:413-22, 10 Feb 68 (60 ref.) **(Jap)**

SURGERY

The induction of neurogenic hypercholesteremia. Friedman M, et al. **Proc Soc Exp Biol Med** 131:759-62, Jul 69

Hyperphagia in rats with cuts between the ventromedial and lateral hypothalamus. Albert DJ, et al. **Science** 165:599-600, 8 Aug 69

PINEAL BODY

Embryonal carcinoma of the pineal region. Borit A. **J Path** 97:165-8, Jan 69

[Correlations between the pineal body and hepatic and serum cholesterol in mice and rats] Milcu I, et al. **Stud Cercet Endocr** 19:473-8, 1968 **(Rum)**

[Periodic psychoses] Essing L. **Zh Nevropat Psikhiat Korsakov** 69:535-8, 1969 **(Rus)**

ANALYSIS

Changes in melatonin concentration in pineal gland in rats exposed to continuous light or darkness. Tomatis ME, et al. **Acta Physiol Lat Amer** 17:227-33, 1967

Kinetic and fluorescent histochemical analysis of the serotonin compartments in rat pineal gland. Neff NH, et al. **Europ J Pharmacol** 5:348-56, Mar 69

Catecholamine and serotonin in granulated vesicles of nerve endings in the pineal gland of the rat. De Iraldi AP, et al. **Int J Neuropharmacol** 8:9-14, Jan 69

Influence of pineal gland principles on gonadotrophin-producing cells of the rat anterior pituitary gland: an electron microscopic study. Clementi F, et al. **J Endocr** 44:241-6, Jun 69

Circadian and ultradian rhythms of serotonin regionally in cat brain. Reis DJ, et al. **J Pharmacol Exp Ther** 167:328-33, Jun 69

Action of reserpine on the osmium tetroxide zinc iodide reactive site of synaptic vesicles in the pineal nerves of the rat. Pellegrino de Iraldi A, et al. **Z Zellforsch** 91:178-85, 1968

ANATOMY & HISTOLOGY

[Ultrastructure, innervation and function of the epiphysis of the slowworm (Anguis fragilis L.)] Petit A. **Z Zellforsch** 96:437-65, 1969 **(Fre)**

[Structural and ultrastructural studies of the epiphysis of a reptile: Pseudemys scripta elegans] Vivien-Roels B. **Z Zellforsch** 94:362-90, 1969 **(Fre)**

[Ultrastructure of the pineal sensory apparatus in some Pipidae and Discoglossidae] Ueck M. **Z Zellforsch** 92:452-76, 1968 **(Ger)**

[Contribution to the study of histophysiology of the epiphysis] Petruševska M. **God Zborn Med Fak Skopje** 14:338-50, 1968 **(Cro)**

CYTOLOGY

The anatomy of the pineal organ in the syrian hamster. Das Gupta TK. **Acta Anat (Basel)** 71:28-35, 1968

Effect of continuous illumination on mitochondria of the rat pineal body. Halaris A, et al. **Experientia** 25:486-7, 15 May 69

Photoreceptoral and secretory structures in the avian pineal organ. Bischoff MB. **J Ultrastruct Res** 28:16-26, Jul 69

Action of reserpine on the osmium tetroxide zinc iodide reactive site of synaptic vesicles in the pineal nerves of the rat. Pellegrino de Iraldi A, et al. **Z Zellforsch** 91:178-85, 1968

[Ultrastructure, innervation and function of the epiphysis of the slowworm (Anguis fragilis L.)] Petit A. **Z Zellforsch** 96:437-65, 1969 **(Fre)**

[Structural and ultrastructural studies of the epiphysis of a reptile: Pseudemys scripta elegans] Vivien-Roels B. **Z Zellforsch** 94:362-90, 1969 **(Fre)**

[The aging of the endocrine system] Arvay A. **Bull Schweiz Akad Med Wiss** 24:299-318, Jan 69 **(Ger)**

DRUG EFFECTS

Catecholamine and serotonin in granulated vesicles of nerve endings in the pineal gland of the rat. De Iraldi AP, et al. **Int J Neuropharmacol** 8:9-14, Jan 69

Stimulation of C14-melatonin synthesis from C14-tryptophan by noradrenaline in rat pineal in organ culture. Axelrod J, et al. **Proc Nat Acad Sci USA** 62:544-9, Feb 69

Action of reserpine on the osmium tetroxide zinc iodide reactive site of synaptic vesicles in the pineal nerves of the rat. Pellegrino de Iraldi A, et al. **Z Zellforsch** 91:178-85, 1968

ENZYMOLOGY

Further studies on tryptophan hydroxylase in rat brainstem and beef pineal. Jequier E, et al. **Biochem Pharmacol** 18:1071-81, May 69

Effects of environmental lighting and chronic denervation on the activation of adenyl cyclase of rat pineal gland by norepinephrine and sodium fluoride. Weiss B. **J Pharmacol Exp Ther** 168:146-52, Jul 69

[On the behavior of the pineal gland under conditions of stress] Miline R, et al. **Acta Anat (Basel)** 71:352-402, 1968 **(Fre)**

INNERVATION

[Ultrastructure, innervation and function of the epiphysis of the slowworm (Anguis fragilis L.)] Petit A. **Z Zellforsch** 96:437-65, 1969 **(Fre)**

METABOLISM

Studies on the biosynthesis of 5-methoxytryptophol in the pineal. Otani T, et al. **Biochim Biophys Acta** 184:184-90, 17 Jun 69

Kinetic and fluorescent histochemical analysis of the serotonin compartments in rat pineal gland. Neff NH, et al. **Europ J Pharmacol** 5:348-56, Mar 69

Effect of continuous illumination on mitochondria of the rat pineal body. Halaris A, et al. **Experientia** 25:486-7, 15 May 69

Stimulation of C14-melatonin synthesis from C14-tryptophan by noradrenaline in rat pineal in organ culture. Axelrod J, et al. **Proc Nat Acad Sci USA** 62:544-9, Feb 69

PATHOLOGY

[On the behavior of the pineal gland under conditions of stress] Miline R, et al. **Acta Anat (Basel)** 71:352-402, 1968 **(Fre)**

[The localisation of wernicke's encephalopathy of children and adults] Gulliotta F. **Verh Deutsch Ges Path** 52:260-3, 1968 **(Ger)**

[A case of epidermoid of the epiphysary region] Smaltino F, et al. **Rass Int Clin Ter** 47:881-8, 31 Aug 67 **(Ita)**

PHYSIOLOGY

Hormonal relationships of mastocytogenesis in lymphatic organs. 3. Effect of the pineal body-thyroid-thymus system on mast cell production. Csaba G, et al. **Acta Anat (Basel)** 71:565-80, 1968

The effect of pinealectomy and environmental lighting on the gonadal, thyroid, and total body weight of female Long-Evans rats. Bick RL, et al. **Experientia** 25:531-2, 15 May 69

The role of the pineal in mediating photoperiodic control of growth and division synchrony and capillary sequestration of Plasmodium berghei in mice. Arnold JD, et al. **J Parasit** 55:609-16, Jun 69

Chemical agents effective in mediating control of growth and division synchrony of Plasmodium

berghei in pinealectomized mice. Arnold JD, et al. J Parasit 55:617-25, Jun 69

Relationships among the pineal gland, the photoperiod, olfaction and reproduction in female rats. Reiter RJ. J Reprod Fertil 18:152, Feb 69

Relationships between the pineal gland and the gonads of single and parabiosed golden hamsters. Seibel HR, et al. J Reprod Fertil 18:179, Feb 69

Light sensitivity of the lizard epiphysis cerebri. Hamasaki DI, et al. Pflueger Arch 307:R152, 1969

A slow potential from the epiphysis cerebri of fishes. Hanyu I, et al. Vision Res 9:621-3, May 69

[Ultrastructure, innervation and function of the epiphysis of the slowworm (Anguis fragilis L.)] Petit A. Z Zellforsch 96:437-65, 1969 (Fre)

[Structural and ultrastructural studies of the epiphysis of a reptile: Pseudemys scripta elegans] Vivien-Roels B. Z Zellforsch 94:362-90, 1969 (Fre)

[Ultrastructure of the pineal sensory apparatus in some Pipidae and Discoglossidae] Ueck M. Z Zellforsch 92:452-76, 1968 (Ger)

[The pineal gland, melatonin and testicular steroidogenesis] Balestreri R, et al. Arch Maragliano Pat Clin 25:119-25, Mar-Apr 69 (Ita)

[Melatonin and adrenal steroidogenesis] Giordano G, et al. Arch Maragliano Pat Clin 25:109-17, Mar-Apr 69 (Ita)

[The influence of pinealectomy on the weight and histologic changes in the testes and adrenals of cockerls] Zadura J, et al. Acta Physiol Pol 20:117-24, Jan-Feb 69 (Pol)

[Correlations between the pineal body and hepatic and serum cholesterol in mice and rats] Milcu I, et al. Stud Cercet Endocr 19:473-8, 1968 (Rum)

[Contribution to the study of histophysiology of the epiphysis] Petruševska M. God Zborn Med Fak Skopje 14:338-50, 1968 (Cro)

RADIATION EFFECTS

Effect of continuous illumination on mitochondria of the rat pineal body. Halaris A, et al. Experientia 25:486-7, 15 May 69

Pineal response to light: mediation by the accessory optic system in the monkey. Moore RY. Nature (London) 222:781-2, 24 May 69

Light sensitivity of the lizard epiphysis cerebri. Hamasaki DI, et al. Pflueger Arch 307:R152, 1969

RADIOGRAPHY

[The diagnostic value of a shift in the pineal gland following severe cranio-cerebral trauma] Korol'kov IuI. Vop Neirokhir 33:50-1, Mar-Apr 69 (Rus)

[The diagnostic significance of changes in the bones of the cranium in dermoid cysts in the region of the sella turcica] Poliankер ZN, et al. Vop Neirokhir 33:33-4, Mar-Apr 69 (Rus)

SECRETION

Photoreceptoral and secretory structures in the avian pineal organ. Bischoff MB. J Ultrastruct Res 28:16-26, Jul 69

SURGERY

On the mechanism of the thyroid hypertrophy in pinealectomized rats. Pazo JH, et al. Acta Physiol Lat Amer 18:332-40, 1968

The effect of pinealectomy and environmental lighting on the gonadal, thyroid, and total body weight of female Long-Evans rats. Bick RL, et al. Experientia 25:531-2, 15 May 69

II. Disorders of the Amygdaloid Body

HYPOTHALAMUS

ABNORMALITIES

Pulmonary hypertension and congestive heart failure in children with chronic upper airway obstruction. New concepts of etiologic factors. Bland JW Jr, et al.
Amer J Cardiol 23:830-7, Jun 69

INJURIES

Ovulation-inducing action of clomiphene citrate in the rat. Döcke F. **J Reprod Fertil 18:135-7, Feb 69**
[Electron microscopic studies of the adenohypophysis following ventromedial hypothalamic lesions in rats] Themann H, et al.
Beitr Path Anat 139:37-58, 1969 (Ger)

PINEALOMA

COMPLICATIONS

[The plasma renin activity in decompensated and non-decompensated diabetes insipidus. Simultaneously a contribution to the regulation of renin secretion] Werning C, et al.
Schweiz Med Wschr 99:661-8, May 69 (Ger)

DIAGNOSIS

Comparison of 113mIn and other short-lived agents for cerebral scanning. O'Mara RE, et al.
J Nucl Med 10:18-27, Jan 69

PATHOLOGY

Coexisting anterior pituitary and neurohypophyseal insufficiency. A syndrome with diagnostic implication. Martin MM.
Arch Intern Med (Chicago) 123:409-16, Apr 69
Pathological analysis of intracranial space-occupying lesions in 1000 cases including children. 2. Incidence, types and unusual cases of glioma. Dastur DK, et al.
J Neurol Sci 8:143-70, Jan-Feb 69

RADIOGRAPHY

Extra-ventricular (communicating) hydrocephalus: some observations on the midline ventricles. el Gammal T.
Amer J Roentgen 106:308-28, Jun 69 (28 ref.)
Initial high dose irradiation for metastases causing spinal cord compression in children. Tefft M, et al.
Amer J Roentgen 106:385-93, Jun 69
The radiologic diagnosis of tumors of the endocrine glands. Ranniger K.
Surg Clin N Amer 49:11-26, Feb 69 (40 ref.)

RADIOTHERAPY

Initial high dose irradiation for metastases causing spinal cord compression in children. Tefft M, et al.
Amer J Roentgen 106:285-93, Jun 69

NEUROENDOCRINOLOGY

III. Neuroendocrine System Hormones, Precursors, Metabolites and Synthetic Analogs

CORTICOTROPIN RELEASING FACTOR

[Contribution on the functional morphology of the neurohypophysis. 3. On the influence of corticoid or ACTH treatment on the appearance of "gomori-positive" granules in the outer layer of the median eminence in rats and mice following bilateral adrenalectomy of hypophysectomy] Bock R, et al. **Z Zellforsch** 96:142-50, 1969 **(Ger)**

ANTAGONISTS & INHIBITORS

Inhibition by dexamethasone of the in vivo pituitary response to corticotropin-releasing factor (CRF). Russell SM, et al. **Endocrinology** 85:512-21, Sep 69

BIOSYNTHESIS

Dissociation between production and storage of corticotrophin-releasing factor. Smelik PG, et al. **J Endocr** 43:xxxvii, Jan 69

The action of dexamethasone and vasopressin on hypothalamic CRF production and release. Hedge GA, et al. **Neuroendocrinology** 4:242-53, 1969

ISOLATION & PURIFICATION

Release of ACTH by substances of central nervous system origin. Wied D de, et al. **Endocrinology** 85:561-9, Sep 69

METABOLISM

Dissociation between production and storage of corticotrophin-releasing factor. Smelik PG, et al. **J Endocr** 43:xxxvii, Jan 69

The action of dexamethasone and vasopressin on hypothalamic CRF production and release. Hedge GA, et al. **Neuroendocrinology** 4:242-53, 1969

[Tumors of the hypophysis in Itsenko-Cushing disease] Soskin LS, et al. **Zh Nevropat Psikhiat Korsakov** 69:286-92, 1969 (101 ref.) **(Rus)**

PHARMACODYNAMICS

Release of ACTH by substances of central nervous system origin. Wied D de, et al. **Endocrinology** 85:561-9, Sep 69

SECRETION

Dissociation between production and storage of corticotrophin-releasing factor. Smelik PG, et al. **J Endocr** 43:xxxvii, Jan 69

MELATONIN

Tricyclic analogs of melatonin. Kobayashi T, et al. **J Med Chem** 12:636-8, Jul 69

ANALYSIS

Changes in melatonin concentration in pineal gland in rats exposed to continuous light or darkness. Tomatis ME, et al. **Acta Physiol Lat Amer** 17:227-33, 1967

BIOSYNTHESIS

Stimulation of C14-melatonin synthesis from C14-tryptophan by noradrenaline in rat pineal in organ culture. Axelrod J, et al. **Proc Nat Acad Sci USA** 62:544-9, Feb 69

BLOOD

Regional uptake of 3H-melatonin from blood or cerebrospinal fluid by rat brain. Anton-Tay F, et al. **Nature (London)** 221:474-5, 1 Feb 69

CEREBROSPINAL FLUID

Regional uptake of 3H-melatonin from blood or cerebrospinal fluid by rat brain. Anton-Tay F, et al. **Nature (London)** 221:474-5, 1 Feb 69

METABOLISM

Drugs and enzyme induction. Kuntzman R. **Ann Rev Pharmacol** 9:21-36, 1969 (109 ref.)

Regional uptake of 3H-melatonin from blood or cerebrospinal fluid by rat brain. Anton-Tay F, et al. **Nature (London)** 221:474-5, 1 Feb 69

Pineal response to light: mediation by the accessory optic system in the monkey. Moore RY. **Nature (London)** 222:781-2, 24 May 69

PHARMACODYNAMICS

Natural and melatonin-induced sleep in young chickens--a behavioral and electrographic study. Hishikawa Y, et al. **Exp Brain Res** 7:84-94, 1969

Influence of pineal gland principles on gonadotrophin-producing cells of the rat anterior pituitary gland: an electron microscopic study. Clementi F, et al. **J Endocr** 44:241-6, Jun 69

Tricyclic analogs of melatonin. Kobayashi T, et al. **J Med Chem** 12:636-8, Jul 69

Chemical agents effective in mediating control of growth and division synchrony of Plasmodium berghei in pinealectomized mice. Arnold JD, et al. **J Parasit** 55:617-25, Jun 69

The direct action of melatonin and serotonin on testicular androgen production in vitro. Ellis LC. **J Reprod Fertil** 18:159, Feb 69

[The pineal gland, melatonin and testicular steroidogenesis] Balestreri R, et al. **Arch Maragliano Pat Clin** 25:119-25, Mar-Apr 69 **(Ita)**

[Melatonin and adrenal steroidogenesis] Giordano G, et al. **Arch Maragliano Pat Clin** 25:109-17, Mar-Apr 69 **(Ita)**

PITUITARY HORMONE RELEASING FACTORS

Ovarian ascorbic acid depleting factors in the chicken hypothalamus. Jackson GL, et al. **Endocrinology** 85:113-20, Jul 69

Luteinizing hormone releasing activity of crude ovine hypothalamic extract in man. Root AW, et al. **Nature (London)** 221:570-2, 8 Feb 69

ANALYSIS

Levels of hypothalamic luteinizing hormone-releasing factor after exposure to aggression (defeat) in C57BL-6J mice. Eleftheriou BE, et al. **J Endocr** 42:347-8, Oct 68

Localization of luteinizing hormone-releasing factor in the pre-optic area. Crighton DB, et al. **J Reprod Fertil** 18:166, Feb 69

Effects of thyroxine and thiouracil on hypothalamic PIF and pituitary prolactin levels. Chen CL, et al. **Proc Soc Exp Biol Med** 131:576-8, Jun 69

ANTAGONISTS & INHIBITORS

Purification of a growth hormone-inhibiting factor (CIF) from sheep hypothalamus. Dhariwal AP, et al. **Neuroendocrinology** 4:282-8, 1969

BIOSYNTHESIS

Neonatal corticoid administration: effects upon adult pituitary growth hormone and hypothalamic growth

hormone-releasing hormone activity. Sawano S, et al.
Acta Endocr (Kobenhavn) 61:57-67, May 69

BLOOD

Effect of actinomycin D on the inhibitory response of estrogen on LH release. Schally AV, et al.
Endocrinology 85:290-9, Aug 69

PHARMACODYNAMICS

Effect of GH-releasing factor and GH-inhibiting factor on the release and concentration of GH in pituitaries incubated in vitro. Krulich L, et al.
Endocrinology 85:319-24, Aug 69

PHYSIOLOGY

Maturation of the hypothalamic-pituitary-gonadal negative feedback system. Baker FD, et al.
Endocrinology 85:522-7, Sep 69

Effect of hypophysectomy on the oxidative ang glycolytic metabolism of hypothalamus. Libertun C, et al. **Experientia** 25:196-7, 15 Feb 69

Ovulation in the guinea-pig. Reed M.
J Endocr 43:22-3, Jan 69

RADIATION EFFECTS

Post-natal development of rat pituitary melanocyte-stimulating hormone and the effect of light. Howe A, et al.
Nature (London) 222:781, 24 May 69

SECRETION

Possible role of dopamine as transmitter to promote discharge of LH-releasing factor. Schneider HP, et al.
Endocrinology 85:121-32, Jul 69

Changes in electrical activity in the rat hypothalamus related to electrochemical stimulation of adenohypophyseal function. Terasawa E, et al.
Endocrinology 85:143-9, Jul 69

Stimulation of release of luteinizing hormone-releasing factor from hypothalamic tissue by dopamine in vitro. Schneider HP, et al. **J Reprod Fertil** 18:178, Feb 69

THYROTROPIN RELEASING FACTOR

[New knowledge about the pathogenesis of hyperthyroidism] Küchel O, et al.
Cas Lek Cesk 108:833-8, Jul 69 (54 ref.) **(Cze)**

ANALYSIS

Studies on the inactivation of thyrotropin-releasing hormone (TRH). Redding TW, et al.
Proc Soc Exp Biol Med 131:415-20, Jun 69

[Neuro-endocrine mechanism in control of TSH secretion, with special reference to TRF. 1. Extraction and purification of TRF] Tsuji S, et al.
Saishin Igaku 24:413-22, 10 Feb 68 (60 ref.) **(Jap)**

ANTAGONISTS & INHIBITORS

Studies on the inactivation of thyrotropin-releasing hormone (TRH). Redding TW, et al.
Proc Soc Exp Biol Med 131:415-20, Jun 69

BIOSYNTHESIS

Neonatal corticoid administration: effects upon adult pituitary growth hormone and hypothalamic growth hormone-releasing hormone activity. Sawano S, et al.
Acta Endocr (Kobenhavn) 61:57-67, May 69

BLOOD

Studies on the thyrotropin-releasing hormone (TRH) activity in peripheral blood. Redding TW, et al.
Proc Soc Exp Biol Med 131:420-5, Jun 69

ISOLATION & PURIFICATION

[Neuro-endocrine mechanism in control of TSH secretion, with special reference to TRF. 1. Extraction and purification of TRF] Tsuji S, et al.
Saishin Igaku 24:413-22, 10 Feb 68 (60 ref.) **(Jap)**

PHARMACODYNAMICS

Depression of thyrotropin releasing factor induction of thyrotropin release by throxine in small doses. Averill RL. **Endocrinology** 85:67-71, Jul 69

APPENDIX

HORMONES, ECTOPIC

Normal and abnormal regulation of beta-msh in man. Abe K, et al. J Clin Invest 48:1580-5, Aug 69

[Hormonally active ovarian tumors in rabbits induced with methylcholanthrene 2 years after the experiment] Różewicki S, et al. Pat Pol 20:73-84, 1969 (Pol)

[Paraendocrinopathies] Pietrek J. Pol Tyg Lek 24:373-6, 10 Mar 69 (16 ref.) (Pol)

BIOSYNTHESIS

[Ectopic endocrine syndromes] Dil'man VM, et al. Vop Onkol 14:111-8, 1968 (50 ref.) (Rus)

METABOLISM

On the presence of immunoreactive growth hormone in a bronchogenic carcinoma. Cameron DP, et al. Aust Ann Med 18:143-6, May 69

SECRETION

Hormonal, immunologic, and chemotherapeutic studies of transplantable human choriocarcinoma. Lewis JL Jr, et al. Amer J Obstet Gynec 104:472-8, 15 Jun 69

Gonadotropin secreting giant cell carcinoma of the lung. Dailey JE, et al. Cancer 24:388-96, Aug 69

Hypoglycemia associated with extrapancreatic tumors. An immunofluorescent study. Saeed SM, et al. Cancer 24:158-66, Jul 69

Medullary cancer of the thyroid gland associated with hypercorticism. Szijj I, et al. Cancer 24:167-73, Jul 69

Electron microscopyof human tumors secretin catecholamines: correlation with biochemic data. Greenberg R, et al. J Neuropath Exp Neurol 28:475-500, Jul 69

Studies on adrenal cortical function in patients with lung cancer. Kawai A, et al. Metabolism 18:609-19, Jul 69

On the cause of acanthosis nigricans. Lerner AB. New Eng J Med 281:106-7, 10 Jul 69

Ovarian tumors with endocrine activity and related problems. DeCosta EJ. Surg Clin N Amer 49:105-20, Feb 69 (52 ref.)

Secretin-like choleresis produced by a diarrheogenic non-beta islet cell tumor of the pancreas. Tompkins RK, et al. Surgery 66:131-7, Jul 69

[Morpho-biologic aspects of Zollinger-Ellison syndrome] Cavallero C, et al. Arch Ital Mal Appar Dig 34:53-63, 1967 (72 ref.) (Ita)

[Syndromes of estrogenic hyperactivity in 2 cases of primary ovarian cancers] Kulig Z, et al. Wiad Lek 22:955-7, 15 May 69 (Pol)

Adrenal insufficiency and inappropriate secretion of antidiuretic hormone. Occurrence in a patient with carcinoma of the lung. Schambelan M, et al. ARCH INTERN MED (Chicago) 124:197-201, Aug 69.

[Inappropriate secretion of antidiuretic hormone in a patient with severe chronic lung diseases and sequelae of tuberculosis] Adrogue HJ, et al. MEDICINA (B Air) 29: 119-26, Mar-Apr 69. (Spa)

REVIEW SECTION

ADENOMA, CHROMOPHOBE

COMPLICATIONS

[Tumors of the hypophysis in Itsenko-Cushing disease] Soskin LS, et al.
Zh Nevropat Psikhiat Korsakov 69:286-92, 1969 (101 ref.) (Rus)

ADRENAL CORTEX HORMONES

ADVERSE EFFECTS

Ocular effects of topical and systemic corticosteroids. David DS, et al. Lancet 2:149-51, 19 Jul 69 (45 ref.)

METABOLISM

Nutritional and metabolic effects of anabolic steroids and corticosteroids. Albanese AA.
J Amer Med Wom Ass 24:123-40, Feb 69 (99 ref.)
[Glycoactive function of the adrenal cortex in old age] Serio M, et al. G Geront 17:73-7, 2 Mar 68 (29 ref.) (Ita)

PHARMACODYNAMICS

The proximal and distal tubular action of adrenal steroids on Na reabsorption. Hierholzer K, et al. Nephron 6:188-204, 1969 (47 ref.)

PHYSIOLOGY

Some actions of hormones in the regulation of glucose metabolism. Hales CN.
Essays Biochem 3:73-104, 1967 (108 ref.)
[Some findings on the androgen functions of the adrenal cortex in female obesity] Ferramosca B, et al. Endocr Sci Cost 29:323-43, Nov 67 (43 ref.) (Ita)

THERAPEUTIC USE

[Rhinologic agents. 14] Furkert K.
Pharm Prax 9:255-8, 1967 (96 ref.) (Ger)

ADRENAL GLAND HYPOFUNCTION

DIAGNOSIS

The recognition and treatment of adrenal crisis. Pazianos AG.
Med Clin N Amer 53:459-63, Mar 69 (9 ref.)

THERAPY

The recognition and treatment of adrenal crisis. Pazianos AG.
Med Clin N Amer 53:459-63, Mar 69 (9 ref.)

ADRENAL GLANDS

METABOLISM

[Glycoactive function of the adrenal cortex in old age] Serio M, et al. G Geront 17:73-7, 2 Mar 68 (29 ref.) (Ita)

PHYSIOLOGY

Effect of endocrine glands on function of the gastrointestinal tract. Study of the thyroid, parathyroid, and adrenal glands. Gregory CH, et al.
Amer J Surg 117:893-906, Jun 69 (169 ref.)

PHYSIOPATHOLOGY

[Some findings on the androgen functions of the adrenal cortex in female obesity] Ferramosca B, et al.
Endocr Sci Cost 29:323-43, Nov 67 (43 ref.) (Ita)

ADRENAL MEDULLA

PHYSIOLOGY

[Adrenal medulla function test] Yamada R.
Jap J Clin Med 27:286-90, Feb 69 (14 ref.) (Jap)

ALDOSTERONE

PHYSIOLOGY

Mechanism of action of aldosterone. Fanestil DD.
Ann Rev Med 20:223-32, 1969 (68 ref.)

ANDROGENS

METABOLISM

The metabolism of androgens by sebaceous glands. Milne JA. Brit J Derm 81:Suppl 2:23-8, 1969 (20 ref.)

PHYSIOLOGY

Recent studies on androgenic function in human subjects. Ismail AA, et al.
J Obstet Gynaec Brit Comm 75:929-40, Sep 68 (78 ref.)
[Some findings on the androgen functions of the adrenal cortex in female obesity] Ferramosca B, et al.
Endocr Sci Cost 29:323-43, Nov 67 (43 ref.) (Ita)

URINE

[Hormonal background of male sterility] Kaivola S, et al. Duodecim 85:237-44, 1969 (32 ref.) (Fin)

BONE AND BONES

RADIOGRAPHY

[Macroradiography and microradiography of the bone tissue (technical and methodological review; practical applications)] Garusi GF.
Fracastoro 60:409-37, Sep-Oct 67 (146 ref.) (Ita)

TRANSPLANTATION

Gross loss of mandibular hard structure. Mohnac AM.
J Oral Surg 27:508-19, Jul 69 (25 ref.)

CALCIUM

[Calcium and the digestive tract. I. Effect of calcium in the physiology, pathology, and therapy of the organs of the digestive tract] Kocián J.
Cesk Gastroent Vyz 23:176-84, Jun 69 (73 ref.) (Cze)

BLOOD

[Recent findings on thyrocalcitonin and parathyroid hormone] Kohler H, et al.
Schweiz Med Wschr 99:740-3, 17 May 69 (20 ref.) (Ger)

METABOLISM

[The thyroid and calcium metabolism] Arvy L.
J Physiol (Paris) 60:405-48, Sep-Oct 68 (210 ref.) (Fre)
[Ion metabolism of the healthy and insufficient heart] Heinrich K.
Med Klin 64:819-22, 2 May 69 (38 ref.) (Ger)

CONTRACEPTIVES, ORAL

Effects of oral contraceptives. Kalman SM.
Ann Rev Pharmacol 9:363-78, 1969 (72 ref.)

PHARMACODYNAMICS

Pharmacological control of reproduction in women. Harper MJ.
Fortschr Arzneimitteiforsch 12:47-136, 1968 (748 ref.)

CUSHING'S SYNDROME

DIAGNOSIS

Present status of the diagnosis and treatment of Cushing's syndrome. Freeark RJ, et al.
Surg Clin N Amer 49:179-90, Feb 69 (19 ref.)
[Clinical findings and laboratory diagnosis in Cushing's syndrome] Staub JJ, et al.
Praxis 57:1398-409, 15 Oct 68 (60 ref.) (Ger)

ETIOLOGY

[Tumors of the hypophysis in Itsenko-Cushing disease] Soskin LS, et al.
Zh Nevropat Psikhiat Korsakov 69:286-92, 1969 (101 ref.) (Rus)

METABOLISM

[Clinical and biochemical effects of glucocorticoids as demonstrated by the example of Cushing's syndrome] Drews J. Med Klin 64:773-80, 25 Apr 69 (31 ref.) (Ger)

THERAPY

Present status of the diagnosis and treatment of Cushing's syndrome. Freeark RJ, et al.
Surg Clin N Amer 49:179-90, Feb 69 (19 ref.)

ENDOCRINE DISEASES

DIAGNOSIS

Laboratory aids in the diagnosis of endocrine disorders. Katz FH. Med Clin N Amer 53:79-95, Jan 69 (43 ref.)
Immunoassays in the diagnoses of endocrine disorders. Lawrence AM.
Surg Clin N Amer 49:3-10, Feb 69 (29 ref.)
[Paraendocrinopathies] Pietrek J.
Pol Tyg Lek 24:373-6, 10 Mar 69 (16 ref.) (Pol)

ETIOLOGY

[Ectopic endocrine syndromes] Dil'man VM, et al.
Vop Onkol 14:111-8, 1968 (50 ref.) (Rus)

RADIOGRAPHY

The radiologic diagnosis of tumors of the endocrine glands. Ranniger K.
Surg Clin N Amer 49:11-26, Feb 69 (40 ref.)

ENDOCRINE GLANDS

EMBRYOLOGY

Development of endocrine function in the human placenta and fetus (first of two parts). Villee DB.
New Eng J Med 281:473-84, 28 Aug 69 (88 ref.)

PHYSIOLOGY

[Endocrinology] Yoshida H.
Naika 23:40-6, Jan 69 (25 ref.) (Jap)

PHYSIOPATHOLOGY

[State of the endocrine system in experimental animals with chronic radiation injury] Strel'tsova VN.
Med Radiol (Moskva) 12:83-92, Oct 67 (35 ref.) (Rus)

RADIATION EFFECTS

[State of the endocrine system in experimental animals with chronic radiation injury] Strel'tsova VN.
Med Radiol (Moskva) 12:83-92, Oct 67 (35 ref.) (Rus)

ESTRIOL

BIOSYNTHESIS

[Estriol as a function of the feto-placentar unity. I. Biosynthesis, excretion and metabolism of estriol in normal course of pregnancy] Vizzone A, et al.
Quad Clin Ostet Ginec 22:633-53, Sep 67 (111 ref.) (Ita)

METABOLISM

[Estriol as a function of the feto-placentar unity. I. Biosynthesis, excretion and metabolism of estriol in normal course of pregnancy] Vizzone A, et al.
Quad Clin Ostet Ginec 22:633-53, Sep 67 (111 ref.) (Ita)

ESTROGENS

ADVERSE EFFECTS

Current status of the management of patients with endocrine-sensitive tumors. II. Carcinoma of the prostate, endometrium, thyroid, kidney and miscellaneous tumors. Crowley LG, et al.
Calif Med 110:139-50, Feb 69 (158 ref.)

URINE

Estrogen assays in the clinical practice of gynecology and obstetrics. Scommegna A.
Obstet Gynec Survey 24:387-95, May 69 (29 ref.)
[Estrogen] Shida K, et al.
Jap J Clin Med 27:378-85, Feb 69 (11 ref.) (Jap)

ESTRUS

Persistent estrus: an experimental model of the polycystic ovary syndrome. Singh KB.
Obstet Gynec Survey 24:2-17, Jan 69 (111 ref.)

EXOPHTHALMOS

[Pulsating exophthalmos. (Collective review)] Kubík J. Cesk Oftal 25:177-84, May 69 (48 ref.) (Cze)

GLUCOCORTICOIDS

PHARMACODYNAMICS

[Clinical and biochemical effects of glucocorticoids as demonstrated by the example of Cushing's syndrome] Drews J. Med Klin 64:773-80, 25 Apr 69 (31 ref.) (Ger)

THERAPEUTIC USE

The role of corticoids in the management of shock. Schumer W, et al.
Surg Clin N Amer 49:147-62, Feb 69 (59 ref.)

URINE

[Hormonal background of male sterility] Kaivola S, et al. Duodecim 85:237-44, 1969 (32 ref.) (Fin)

GOITER

CHEMICALLY INDUCED

Iodide goiter and the pharmacologic effects of excess iodide. Wolff J. Amer J Med 47:101-24, Jul 69 (280 ref.)

SURGERY

Pathophysiological aspects on surgical treatment of thyroid disease. Heimann P.
Progr Surg 7:1-55, 1969 (370 ref.)

GONADOTROPINS

PHYSIOLOGY

[Basic metabolic phase in the ovary, in relation to the mechanism of gonadotropic action] Tojo S, et al.
Clin Endocr (Tokyo) 17:119-24, Feb 69 (21 ref.) (Jap)

URINE

[Hormonal background of male sterility] Kaivola S, et al. **Duodecim** 85:237-44, 1969 (32 ref.) **(Fin)**

GONADOTROPINS, CHORIONIC

[Human chorionic gonadotropins] Wawryk R, et al. **Ginek Pol** 40:453-60, 1969 (114 ref.) **(Pol)**

GONADS

EMBRYOLOGY

Developments in sexual organogenesis. Gallien L. **Advances Morph** 6:259-317, 1967 (195 ref.)

HERMAPHRODITISM

DIAGNOSIS

[Gonadal dysgenesis] Hortling H. **Duodecim** 85:230-6, 1969 (21 ref.) **(Fin)**

HORMONES

ANALYSIS

Immunoassays in the diagnoses of endocrine disorders. Lawrence AM. **Surg Clin N Amer** 49:3-10, Feb 69 (29 ref.)

PHARMACODYNAMICS

The role of cyclic AMP in hormone actions. Butcher RW, et al. **Advances Enzym Regulat** 6:357-89, 1968 (139 ref.)

Hormone control of connective tissue. Asboe-Hansen G. **Brit J Derm** 81:Suppl 2:2-8, 1969 (56 ref.)

[Adenosine-3',5'-monophosphate as a messenger molecule in hormone action] Oye I. **Nord Med** 81:97-101, 23 Jan 69 (17 ref.) **(Swe)**

PHYSIOLOGY

Some actions of hormones in the regulation of glucose metabolism. Hales CN. **Essays Biochem** 3:73-104, 1967 (108 ref.)

[Adenosine-3',5'-monophosphate as a messenger molecule in hormone action] Oye I. **Nord Med** 81:97-101, 23 Jan 69 (17 ref.) **(Swe)**

THERAPEUTIC USE

[Critical considerations on cancer therapy] Lehmann FM. **Ther Gegenw** 107:1173-4 passim, Sep 68 (49 ref.) **(Ger)**

HORMONES, ECTOPIC

[Paraendocrinopathies] Pietrek J. **Pol Tyg Lek** 24:373-6, 10 Mar 69 (16 ref.) **(Pol)**

BIOSYNTHESIS

[Ectopic endocrine syndromes] Dil'man VM, et al. **Vop Onkol** 14:111-8, 1968 (50 ref.) **(Rus)**

SECRETION

Ovarian tumors with endocrine activity and related problems. DeCosta EJ. **Surg Clin N Amer** 49:105-20, Feb 69 (52 ref.)

HYPERALDOSTERONISM

Primary aldosteronism. Birbari A. **J Med Liban** 22:105-14, 1969 (31 ref.)

HYPERPARATHYROIDISM

[Primary hyperparathyroidism] Tolloczko T. **Pol Arch Med Wewnet** 42:597-603, Apr 69 (29 ref.) **(Pol)**

COMPLICATIONS

An operation for pruritus; pruritus in secondary hyperparathyroidism. Burrows D, et al. **Brit J Derm** 81:391-2, May 69 (10 ref.)

DIAGNOSIS

Hyperparathyroidism. Goldsmith RS. **New Eng J Med** 281:367-74, 14 Aug 69 (38 ref.)

HYPERTHYROIDISM

DRUG THERAPY

[Antithyroid agents. 15] Götz HG. **Pharm Prax** 9:258-64, 1967 (113 ref.) **(Ger)**

ETIOLOGY

[New knowledge about the pathogenesis of hyperthyroidism] Küchel O, et al. **Cas Lek Cesk** 108:833-8, Jul 69 (54 ref.) **(Cze)**

RADIOTHERAPY

[Advantages and disadvantages of radioactive iodine in the treatment of hyperthyroidism] Gąsiorowski W. **Pol Tyg Lek** 24:535-7, Apr 69 (14 ref.) **(Pol)**

SURGERY

Pathophysiological aspects on surgical treatment of thyroid disease. Heimann P. **Progr Surg** 7:1-55, 1969 (370 ref.)

HYPOTHALAMUS

PHYSIOLOGY

A neuropharmacological analysis of hypothalamic and extrahypothalamic mechanisms concerned with the regulation of food and water intake. Grossman SP. **Ann NY Acad Sci** 157:902-17, 15 May 69 (52 ref.)

The hypothalamus and pancreas in intestinal function. Lepkovsky S, et al. **Ann NY Acad Sci** 157:1062-8, 15 May 69 (13 ref.)

HYPOTHYROIDISM

DRUG THERAPY

[Thyroid gland hormones and thyreotropin. 10] Götz HG. **Pharm Prax** 7:204-8, 1967 (83 ref.) **(Ger)**

IODIDES

ADVERSE EFFECTS

Iodide goiter and the pharmacologic effects of excess iodide. Wolff J. **Amer J Med** 47:101-24, Jul 69 (280 ref.)

KLINEFELTER'S SYNDROME

DIAGNOSIS

[Gonadal dysgenesis] Hortling H. **Duodecim** 85:230-6, 1969 (21 ref.) **(Fin)**

OSTEOPOROSIS

DRUG THERAPY

Fluoride treatment of bone rarefaction in multiple myeloma and osteoporosis. A review. Cohen P, et al. **Clin Orthop** 64:221-49, May-Jun 69 (105 ref.)

OVARIAN NEOPLASMS

Ovarian tumors with endocrine activity and related problems. DeCosta EJ. **Surg Clin N Amer** 49:105-20, Feb 69 (52 ref.)

OVARY

METABOLISM

Metabolic disorders of the ovary. Lunenfeld B, et al. **Advances Metab Dis** 3:153-207, 1968 (153 ref.)

[Basic metabolic phase in the ovary, in relation to the mechanism of gonadotropic action] Tojo S, et al. **Clin Endocr (Tokyo)** 17:119-24, Feb 69 (21 ref.) **(Jap)**

PHYSIOPATHOLOGY

Metabolic disorders of the ovary. Lunenfeld B, et al. Advances Metab Dis 3:153-207, 1968 (153 ref.)

OVULATION

DRUG EFFECTS

Pharmacological control of reproduction in women. Harper MJ. Fortschr Arzneimitteiforsch 12:47-136, 1968 (748 ref.)

PARATHYROID GLANDS

PHYSIOLOGY

Effect of endocrine glands on function of the gastrointestinal tract. Study of the thyroid, parathyroid, and adrenal glands. Gregory CH, et al. Amer J Surg 117:893-906, Jun 69 (169 ref.)

[Parathyroid function test] Seta K, et al. Jap J Clin Med 27:272-7, Feb 69 (77 ref.) (Jap)

SURGERY

An operation for pruritus; pruritus in secondary hyperparathyroidism. Burrows D, et al. Brit J Derm 81:391-2, May 69 (10 ref.)

PARATHYROID HORMONE

Calcitonin and parathyroid hormone. Copp DH. Ann Rev Pharmacol 9:327-44, 1969 (147 ref.)

PHEOCHROMOCYTOMA

COMPLICATIONS

Myocarditis and phaeochromocytomata. Jepson RP, et al. Aust New Zeal J Surg 38:324-8, May 69 (17 ref.)

METABOLISM

[Clinical and metabolic syndrome of pheochromocytomas] Marrama P, et al. Endocr Sci Cost 29:289-322, Nov 67 (161 ref.) (Ita)

PITUITARY-ADRENAL FUNCTION TESTS

[Anterior pituitary function test] Iwai K, et al. Jap J Clin Med 27:248-58, Feb 69 (81 ref.) (Jap)

[Adrenal cortex function tests and their interpretation] Miura K. Jap J Clin Med 27:278-85, Feb 69 (61 ref.) (Jap)

PITUITARY GLAND

PATHOLOGY

Necrosis of anterior pituitary in humans. II. Kovács K. Neuroendocrinology 4:201-41, 1969 (263 ref.)

PITUITARY GLAND FUNCTION TESTS

[Anterior pituitary function test] Iwai K, et al. Jap J Clin Med 27:248-58, Feb 69 (81 ref.) (Jap)

[Posterior pituitary function tests] Saito T, et al. Jap J Clin Med 27:259-64, Feb 69 (34 ref.) (Jap)

PITUITARY GLAND IRRADIATION

[A study of radiation hypophysectomy for prostatic cancer. (I) Review of the pituitary ablation in literature] Momose G, et al. Jap J Urol 60:145-57, Feb 69 (192 ref.) (Jap)

PITUITARY GLAND, POSTERIOR

PHYSIOLOGY

[Posterior pituitary function tests] Saito T, et al. Jap J Clin Med 27:259-64, Feb 69 (34 ref.) (Jap)

PITUITARY HORMONES, ANTERIOR

[On the existence and importance of a lipid-mobilizing anteropituitary hormone] Rohde W. Z Ges Inn Med 23:689-95, 15 Nov 68 (145 ref.) (Ger)

PITUITARY NEOPLASMS

COMPLICATIONS

[Tumors of the hypophysis in Itsenko-Cushing disease] Soskin LS, et al. Zh Nevropat Psikhiat Korsakov 69:286-92, 1969 (101 ref.) (Rus)

PLACENTA

GROWTH & DEVELOPMENT

Development of endocrine function in the human placenta and fetus (first of two parts). Villee DB. New Eng J Med 281:473-84, 28 Aug 69 (88 ref.)

METABOLISM

Development of endocrine function in the human placenta and fetus (first of two parts). Villee DB. New Eng J Med 281:473-84, 28 Aug 69 (88 ref.)

[Estriol as a function of the feto-placentar unity. I. Biosynthesis, excretion and metabolism of estriol in normal course of pregnancy] Vizzone A, et al. Quad Clin Ostet Ginec 22:633-53, Sep 67 (111 ref.) (Ita)

PROLACTIN

[The endocrinology of puberty and adolescence. Prolactin] Okamoto R. Clin Endocr (Tokyo) 17:79-86, Feb 69 (53 ref.) (Jap)

BLOOD

[Prolactin] Joke T. Jap J Clin Med 27:342-6, Feb 69 (41 ref.) (Jap)

PUBERTY

[Rorschach test and study of puberty. History and review of literature] Smet W. Nederl T Psychol 24:302-23, May-Jun 69 (65 ref.) (Dut)

[The endocrinology of puberty and adolescence. Thyroid hormone] Nakajima H, et al. Clin Endocr (Tokyo) 17:87-94, Feb 69 (36 ref.) (Jap)

[The endocrinology of puberty and adolescence. Prolactin] Okamoto R. Clin Endocr (Tokyo) 17:79-86, Feb 69 (53 ref.) (Jap)

RENIN

BLOOD

[Renin] Kaneko Y. Jap J Clin Med 27:400-10, Feb 69 (39 ref.) (Jap)

RICKETS

VETERINARY

[Hereditary rickets in suckling pigs: pathogenesis and therapy] Plonait H. Zbl Veterinaermed [A] 16:271-88 contd, Apr 69 (Ger)

SEX CHROMOSOMES

[XYY constitution] Berger R. Sem Hop Paris 44:3223-6, 14 Dec 68 (48 ref.) (Fre)

SEX DIFFERENTIATION DISORDERS

The nosologic place of the XO-XY mosaicism] Pfeiffer RA, et al. Arch Gynaek 206:369-410, 1968 (142 ref.) (Ger)

SOMATOTROPIN

PHYSIOLOGY

Some actions of hormones in the regulation of glucose metabolism. Hales CN. Essays Biochem 3:73-104, 1967 (108 ref.)

STEIN-LEVENTHAL SYNDROME

Persistent estrus: an experimental model of the polycystic ovary syndrome. Singh KB.
Obstet Gynec Survey 24:2-17, Jan 69 (111 ref.)

STEROIDS

METABOLISM

The metabolism of steroids by skin in man. Grant JK.
Brit J Derm 81:Suppl 2:18-22, 1969 (9 ref.)

TESTIS

DRUG EFFECTS

[Studies on the understanding of the problem of radiologic-cytostatic combination treatment. I.] Ringleb D. **Strahlentherapie 135:597-601, May 68 (Ger)**

RADIATION EFFECTS

[Studies on the understanding of the problem of radiologic-cytostatic combination treatment. I.] Ringleb D. **Strahlentherapie 135:597-601, May 68 (Ger)**

TESTOSTERONE

BLOOD

Recent studies on androgenic function in human subjects. Ismail AA, et al.
J Obstet Gynaec Brit Comm 75:929-40, Sep 68 (78 ref.)

URINE

Recent studies on androgenic function in human subjects. Ismail AA, et al.
J Obstet Gynaec Brit Comm 75:929-40, Sep 68 (78 ref.)

THYROCALCITONIN

Calcitonin and parathyroid hormone. Copp DH.
Ann Rev Pharmacol 9:327-44, 1969 (147 ref.)
Thyrocalcitonin. Hirsch PF, et al.
Physiol Rev 49:548-622, Jul 69 (408 ref.)

ANALYSIS

[Thyrocalcitonin] Fujita T, et al.
Jap J Clin Med 27:411-6, Feb 69 (29 ref.) (Jap)

PHYSIOLOGY

[Recent findings on thyrocalcitonin and parathyroid hormone] Kohler H, et al.
Schweiz Med Wschr 99:740-3, 17 May 69 (20 ref.) (Ger)

THYROID ANTAGONISTS

THERAPEUTIC USE

[Antithyroid agents. 15] Götz HG.
Pharm Prax 9:258-64, 1967 (113 ref.) (Ger)

THYROID DISEASES

PHYSIOPATHOLOGY

Pathophysiological aspects on surgical treatment of thyroid disease. Heimann P.
Progr Surg 7:1-55, 1969 (370 ref.)

THERAPY

[On the diagnosis and treatment of diseases of the thyroid gland with radioactive iodine] Egorov PI, et al. **Ter Arkh 39:5-9, Mar 67 (42 ref.) (Rus)**

THYROID GLAND

PHYSIOLOGY

Effect of endocrine glands on function of the gastrointestinal tract. Study of the thyroid, parathyroid, and adrenal glands. Gregory CH, et al.
Amer J Surg 117:893-906, Jun 69 (169 ref.)
[The thyroid and calcium metabolism] Arvy L.
J Physiol (Paris) 60:405-48, Sep-Oct 68 (210 ref.) (Fre)

THYROID GLAND FUNCTION TESTS

[Thyroid function tests] Iino S, et al.
Jap J Clin Med 27:265-71, Feb 69 (32 ref.) (Jap)
[On the diagnosis and treatment of diseases of the thyroid gland with radioactive iodine] Egorov PI, et al. **Ter Arkh 39:5-9, Mar 67 (42 ref.) (Rus)**

THYROID HORMONES

[The endocrinology of puberty and adolescence. Thyroid hormone] Nakajima H, et al.
Clin Endocr (Tokyo) 17:87-94, Feb 69 (36 ref.) (Jap)

THERAPEUTIC USE

[Thyroid gland hormones and thyreotropin. 10] Götz HG. **Pharm Prax 7:204-8, 1967 (83 ref.) (Ger)**

THYROID NEOPLASMS

DRUG THERAPY

[On the diagnosis and treatment of diseases of the thyroid gland with radioactive iodine] Egorov PI, et al. **Ter Arkh 39:5-9, Mar 67 (42 ref.) (Rus)**

ETIOLOGY

Current status of the management of patients with endocrine-sensitive tumors. II. Carcinoma of the prostate, endometrium, thyroid, kidney and miscellaneous tumors. Crowley LG, et al.
Calif Med 110:139-50, Feb 69 (158 ref.)

OCCURRENCE

Epidemiology and pathology of cancer of the thyroid. 2. Discussion. Farooki MA.
Int Surg 51:317-33, Apr 69 (163 ref.)

PATHOLOGY

Epidemiology and pathology of cancer of the thyroid. 2. Discussion. Farooki MA.
Int Surg 51:317-33, Apr 69 (163 ref.)

THYROIDITIS

SURGERY

Pathophysiological aspects on surgical treatment of thyroid disease. Heimann P.
Progr Surg 7:1-55, 1969 (370 ref.)

THYROTROPIN

BLOOD

[TSH] Kumahara Y, et al.
Jap J Clin Med 27:331-6, Feb 69 (39 ref.) (Jap)

DIAGNOSTIC USE

[Thyroid gland hormones and thyreotropin. 10] Götz HG. **Pharm Prax 7:204-8, 1967 (83 ref.) (Ger)**

SECRETION

[Neuro-endocrine mechanism in control of TSH secretion, with special reference to TRF. 1. Extraction and purification of TRF] Tsuji S, et al.
Saishin Igaku 24:413-22, 10 Feb 68 (60 ref.) (Jap)

THYROTROPIN RELEASING FACTOR

ISOLATION & PURIFICATION

[Neuro-endocrine mechanism in control of TSH secretion, with special reference to TRF. 1. Extraction and purification of TRF] Tsuji S, et al.
Saishin Igaku 24:413-22, 10 Feb 68 (60 ref.) (Jap)

THYROXINE-BINDING PROTEIN

[Hereditary anomalies of globulin transporting thyroxine] David M.
Pediatrie 24:491-3, Jun 69 (7 ref.) (Fre)

TURNER'S SYNDROME

DIAGNOSIS

[Gonadal dysgenesis] Hortling H.
Duodecim 85:230-6, 1969 (21 ref.) (Fin)

ETIOLOGY

[Gonadal dysgenesis. Etiology; pathogenesis; classification] Milcu SM, et al.
Stud Cercet Endocr 19:459-72, 1968 (36 ref.) (Rum)

VITAMIN D

ANALYSIS

[Methods for determination of vitamin D] Patrova EA.
Farmatsiia 18:79-82, Mar-Apr 69 (60 ref.) (Rus)

METHOD SECTION

This section is meant to be an alerting device for articles which describe: 1) new methods or techniques, 2) modifications of existing methods or 3) comparisons of different methods. For methods on a particular substance or for a specific type of method, see the subject index or the subject section (particularly the subheading; analysis, blood, cerebrospinal fluid, chemical synthesis, isolation & purification, and urine).

I. POLYPEPTIDE HORMONE ANALYSIS

BIOLOGICAL ASSAY

Effect of freezing and thawing and of diluent on the potency of human chorionic gonadotrophin in three methods of bioassay. Borth R, et al.
Acta Endocr (Kobenhavn) 61:89-95, May 69
ANIMAL EXPERIMENTS/ ASCORBIC ACID, metabolism/ *BIOLOGICAL ASSAY/ *BORATES/ BUFFERS/ COMPARATIVE STUDY/ FEMALE/ *FREEZING/ *GELATIN/ *GONADOTROPINS, CHORIONIC, standards/ HYPEREMIA/ METHODS/ MICE/ ORGAN WEIGHT/ OVARY, blood supply/ OVARY, drug effects/ RATS/ *SERUM ALBUMIN, BOVINE/ *SODIUM CHLORIDE/ STIMULATION, CHEMICAL/ UTERUS, drug effects/ VEHICLES/ *WATER

A radio-bioassay for corticotrophin. Bukovsan W.
Acta Endocr (Kobenhavn) 61:76-82, May 69
*ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, metabolism/ ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ *BIOLOGICAL ASSAY/ CHICKENS/ *CORTICOTROPIN, pharmacodynamics/ METHODS/ PHOSPHATES, metabolism/ PHOSPHORUS ISOTOPES/ PITUITARY-ADRENAL SYSTEM/ STIMULATION, CHEMICAL

Comparison of two methods for the bioassay of oxytocin. Fabian M, et al.
Endocrinology 85:600-3, Sep 69
ACETYLCHOLINE, antagonists & inhibitors/ ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ ANTIHISTAMINICS/ *BIOLOGICAL ASSAY/ COMPARATIVE STUDY/ FEMALE/ IN VITRO/ LACTATION/ MAMMAE, drug effects/ MAMMAE, physiology/ METHODS/ MILK, secretion/ *OXYTOCIN, pharmacodynamics/ PHENOXYBENZAMINE, pharmacodynamics/ RATS/ SEROTONIN, antagonists & inhibitors/ STIMULATION, CHEMICAL/ SYMPATHOLYTICS, pharmacodynamics/ *VASOPRESSIN, pharmacodynamics

A modified bioassay for the long-acting thyroid stimulator (LATS). Furth ED, et al.
Endocrinology 85:592-3, Sep 69
ANIMAL EXPERIMENTS/ *BIOLOGICAL ASSAY/ DEPRESSION, CHEMICAL/ FEMALE/ *LONG-ACTING THYROID STIMULATOR, analysis/ METHODS/ MICE/ *THYROTROPIN, secretion/ TIME FACTORS/ *TRIIODOTHYRONINE, pharmacodynamics

Modified in vitro assay for melanocyte-stimulating hormones. Kastin AJ, et al.
Experientia 25:192-3, 15 Feb 69
ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ *BIOLOGICAL ASSAY/ FROGS/ IN VITRO/ LIGHT/ METHODS/ MSH, blood/ *MSH, pharmacodynamics/ MSH, standards/ *PIGMENTATION, drug effects/ RADIATION EFFECTS/ RATS/ *SKIN, drug effects/ SKIN, radiation effects

The significance of immunoassayable insulin in urine. Rubenstein AH. **JAMA** 209:254-6, 14 Jul 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ DIABETES MELLITUS, urine/ HUMAN/ IMMUNOASSAY/ INSULIN, blood/ INSULIN, metabolism/ *INSULIN, urine/ INSULIN ANTIBODIES/ KIDNEY, physiology/ KIDNEY DISEASES, urine/ METHODS/ OBESITY, urine

A radioimmunoassay for human calcitonin M. Clark MB, et al. **Lancet** 2:74-7, 12 Jul 69
BIOLOGICAL ASSAY/ *CARCINOMA, diagnosis/ CHICKENS/ CORTICOTROPIN/ HUMAN/ IMMUNE SERUMS/ IODINE ISOTOPES/ METHODS/ OXYTOCIN/ PARATHYROID HORMONE/ *RADIOIMMUNOASSAY/ SWINE/ *THYROCALCITONIN, analysis/ *THYROID GLAND, analysis/ *THYROID NEOPLASMS, diagnosis/ TISSUE EXTRACTS/ VASOPRESSIN

CHEMICAL ANALYSIS

Purification of bovine thyroid-stimulating hormone by solubility fractionation with ammonium sulfate. Lindsay RH, et al.
Proc Soc Exp Biol Med 131:875-80, Jul 69
*AMMONIUM COMPOUNDS/ ANIMAL EXPERIMENTS/ CATTLE/ *CHEMISTRY, ANALYTICAL/ CHROMATOGRAPHY, ION EXCHANGE/ DEAE-CELLULOSE/ IODINE ISOTOPES/ METHODS/ PRECIPITATION/ *SOLUBILITY/ *SULFATES/ *THYROTROPIN, isolation & purification

CHROMATOGRAPHY, ION EXCHANGE

Purification of bovine thyroid-stimulating hormone by solubility fractionation with ammonium sulfate. Lindsay RH, et al.
Proc Soc Exp Biol Med 131:875-80, Jul 69
*AMMONIUM COMPOUNDS/ ANIMAL EXPERIMENTS/ CATTLE/ *CHEMISTRY, ANALYTICAL/ CHROMATOGRAPHY, ION EXCHANGE/ DEAE-CELLULOSE/ IODINE ISOTOPES/ METHODS/ PRECIPITATION/ *SOLUBILITY/ *SULFATES/ *THYROTROPIN, isolation & purification

METHOD SECTION

CHROMATOGRAPHY, PAPER

Human growth hormone and alpha-2-macroglobulin: a study of binding. Adham NF, et al. **Arch Biochem** 132:175-83, Jun 69
CHROMATOGRAPHY, PAPER/ ELECTROPHORESIS/ GEL FILTRATION/ HUMAN/ IODINE ISOTOPES/ *MACROGLOBULINS, metabolism/ MATHEMATICS/ PAPER/ PROTEIN BINDING/ RADIOAUTOGRAPHY/ *SOMATOTROPIN, metabolism/ STARCH

CHROMATOGRAPHY, THIN LAYER

Determination of the N-terminal amino acids in proteins using fluoro-nitropyridines. Signor A, et al. **Europ J Biochem** 7:328-33, Jan 69
*ALDOLASE, analysis/ *AMINO ACIDS, analysis/ CHEMISTRY/ CHROMATOGRAPHY, THIN LAYER/ DRUG STABILITY/ FLUORINE/ HYDROGEN-ION CONCENTRATION/ *INSULIN, analysis/ KINETICS/ METHODS/ *MURAMIDASE, analysis/ PEPTIDES, analysis/ *PROTEINS, analysis/ *PYRIDINES/ SPECTROPHOTOMETRY/ ULTRAVIOLET RAYS

ELECTROPHORESIS

Human growth hormone and alpha-2-macroglobulin: a study of binding. Adham NF, et al. **Arch Biochem** 132:175-83, Jun 69
CHROMATOGRAPHY, PAPER/ ELECTROPHORESIS/ GEL FILTRATION/ HUMAN/ IODINE ISOTOPES/ *MACROGLOBULINS, metabolism/ MATHEMATICS/ PAPER/ PROTEIN BINDING/ RADIOAUTOGRAPHY/ *SOMATOTROPIN, metabolism/ STARCH

A study of the heterogeneity of parathyroid hormone preparations. Lea DJ, et al. **J Endocr** 44:195-202, Jun 69
ANIMAL EXPERIMENTS/ ANTIGENS/ CATTLE/ ELECTROPHORESIS/ GEL FILTRATION/ HYDROCHLORIC ACID/ MERCAPTOETHANOL/ METHODS/ *PARATHYROID GLANDS, analysis/ *PARATHYROID HORMONE, analysis/ PHENOLS/ *TISSUE EXTRACTS, analysis/ UREA

Studies on the measurement of insulin antibodies in controlled and resistant human diabetic patients by polyacrylamide gel electrophoresis. Ramachandran S, et al. **Proc Soc Exp Biol Med** 131:796-8, Jul 69
CHEMISTRY, CLINICAL/ *DIABETES MELLITUS, immunology/ ELECTROPHORESIS/ ELECTROPHORESIS, DISK/ HUMAN/ *IMMUNOASSAY/ *INSULIN, blood/ *INSULIN ANTIBODIES, analysis/ *INSULIN RESISTANCE/ METHODS/ MOLECULAR WEIGHT

[Isolation of insulin and glucagon by means of agar gel electrophoresis] Ziegler M, et al. **Acta Biol Med German** 21:733-8, 1968 (Ger)
AGAR/ *ELECTROPHORESIS/ ENGLISH ABSTRACT/ GELS/ *GLUCAGON/ HYDROGEN-ION CONCENTRATION/ *INSULIN

ELECTROPHORESIS, DISK

Studies on the measurement of insulin antibodies in controlled and resistant human diabetic patients by polyacrylamide gel electrophoresis. Ramachandran S, et al. **Proc Soc Exp Biol Med** 131:796-8, Jul 69
CHEMISTRY, CLINICAL/ *DIABETES MELLITUS, immunology/ ELECTROPHORESIS/ ELECTROPHORESIS, DISK/ HUMAN/ *IMMUNOASSAY/ *INSULIN, blood/ *INSULIN ANTIBODIES, analysis/ *INSULIN RESISTANCE/ METHODS/ MOLECULAR WEIGHT

GEL FILTRATION

A study of the heterogeneity of parathyroid hormone preparations. Lea DJ, et al. **J Endocr** 44:195-202, Jun 69
ANIMAL EXPERIMENTS/ ANTIGENS/ CATTLE/ ELECTROPHORESIS/ GEL FILTRATION/ HYDROCHLORIC ACID/ MERCAPTOETHANOL/ METHODS/ *PARATHYROID GLANDS, analysis/ *PARATHYROID HORMONE, analysis/ PHENOLS/ *TISSUE EXTRACTS, analysis/ UREA

IMMUNOASSAY

The significance of immunoassayable insulin in urine. Rubenstein AH. **JAMA** 209:254-6, 14 Jul 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ DIABETES MELLITUS, urine/ HUMAN/ IMMUNOASSAY/ INSULIN, blood/ INSULIN, metabolism/ *INSULIN, urine/ INSULIN ANTIBODIES/ KIDNEY, physiology/ KIDNEY DISEASES, urine/ METHODS/ OBESITY, urine

Studies on the measurement of insulin antibodies in controlled and resistant human diabetic patients by polyacrylamide gel electrophoresis. Ramachandran S, et al. **Proc Soc Exp Biol Med** 131:796-8, Jul 69
CHEMISTRY, CLINICAL/ *DIABETES MELLITUS, immunology/ ELECTROPHORESIS/ ELECTROPHORESIS, DISK/ HUMAN/ *IMMUNOASSAY/ *INSULIN, blood/ *INSULIN ANTIBODIES, analysis/

IMMUNOELECTROPHORESIS

Antigen-antibody interaction in the presence of water-soluble nonionic resins. Ceska M. **Biochim Biophys Acta** 177:625-8, 6 May 69
AGAR/ *ANTIGEN-ANTIBODY REACTIONS/ ANTIGENS/ GUINEA PIGS/ IMMUNE SERUMS/ *IMMUNOELECTROPHORESIS/ *INSULIN/ INSULIN ANTIBODIES/ METHODS/ OXIDES/ POLYETHYLENES/ *RESINS/ SOLUBILITY/ SWINE/ WATER

IMMUNOELECTROPHORESIS (CONT.)

[Radio-immunologic determination of gonadotropins]
Franchimont P.
Ann Endocr (Paris) 29:403-31, Jul-Aug 68 (Fre)
CHEMISTRY, CLINICAL/ DEAE-CELLULOSE/ DEPRESSION, CHEMICAL/ ESTRADIOL, pharmacodynamics/ ESTROGENS, urine/ FEMALE/ *FSH, blood/ FSH, urine/ GONADOTROPINS, CHORIONIC/ HUMAN/ IMMUNOELECTROPHORESIS/ IODINE ISOTOPES/ KLINEFELTER'S SYNDROME, blood/ *LH, blood/ LH, urine/ MENSTRUATION/ METHODS/ PREGNANEDIOL, urine/ PROGESTERONE, pharmacodynamics/ PUBERTY, PRECOCIOUS, blood/ *RADIOIMMUNOASSAY/ TESTOSTERONE, pharmacodynamics/ TURNER'S SYNDROME, blood/ VASOPRESSIN, pharmacodynamics

ION EXCHANGE RESINS

Simultaneous assay of insulin and glucagon in serum.
Young JD, et al.
Aust J Exp Biol Med Sci 46:697-705, Dec 68
*GLUCAGON, blood/ HUMAN/ *INSULIN, blood/ IODINE ISOTOPES/ ION EXCHANGE RESINS/ MATHEMATICS/ METHODS/ PROTEIN BINDING/ RADIOIMMUNOASSAY

PRECIPITATION

Some critical factors in double antibody radioimmunoassay systems utilizing sheep anti-rabbit precipitating sera for measurement of human serum LH, FSH and HGH. Burr IM, et al.
J Clin Endocr 29:948-56, Jul 69
ANIMAL EXPERIMENTS/ *ANTIBODIES/ BLOOD/ EDTA/ *FSH, blood/ *IMMUNE SERUMS/ *LH, blood/ METHODS/ PRECIPITATION/ RABBITS/ *RADIOIMMUNOASSAY/ SHEEP/ *SOMATOTROPIN, blood

Purification of bovine thyroid-stimulating hormone by solubility fractionation with ammonium sulfate.
Lindsay RH, et al.
Proc Soc Exp Biol Med 131:875-80, Jul 69
*AMMONIUM COMPOUNDS/ ANIMAL EXPERIMENTS/ CATTLE/ *CHEMISTRY, ANALYTICAL/ CHROMATOGRAPHY, ION EXCHANGE/ DEAE-CELLULOSE/ IODINE ISOTOPES/ METHODS/ PRECIPITATION/ *SOLUBILITY/ *SULFATES/ *THYROTROPIN, isolation & purification

PROTEIN BINDING

Simultaneous assay of insulin and glucagon in serum.
Young JD, et al.
Aust J Exp Biol Med Sci 46:697-705, Dec 68
*GLUCAGON, blood/ HUMAN/ *INSULIN, blood/ IODINE ISOTOPES/ ION EXCHANGE RESINS/ MATHEMATICS/ METHODS/ PROTEIN BINDING/ RADIOIMMUNOASSAY

RADIOAUTOGRAPHY

A simple method for thyrotropic hormone assay.
Reviczky AL, et al.
Acta Physiol Acad Sci Hung 35:167-72, 1969
ANIMAL EXPERIMENTS/ CHICK EMBRYO/ IODINE ISOTOPES/ METHODS/ RADIOAUTOGRAPHY/ *THYROID GLAND, metabolism/ *THYROTROPIN, analysis/ THYROTROPIN, blood

RADIOIMMUNOASSAY

Simultaneous assay of insulin and glucagon in serum.
Young JD, et al.
Aust J Exp Biol Med Sci 46:697-705, Dec 68
*GLUCAGON, blood/ HUMAN/ *INSULIN, blood/ IODINE ISOTOPES/ ION EXCHANGE RESINS/ MATHEMATICS/ METHODS/ PROTEIN BINDING/ RADIOIMMUNOASSAY

Radioimmunoassay for ovine luteinizing hormone. Secretion of luteinizing hormone during estrus and following estrogen administration in sheep. Goding JR, et al. **Endocrinology 85:133-42, Jul 69**
ANIMAL EXPERIMENTS/ *ESTRADIOL, pharmacodynamics/ *ESTRUS/ FEMALE/ FEMORAL VEIN/ HYPOPHYSECTOMY/ IODINE ISOTOPES/ JUGULAR VEIN/ LH, blood/ *LH, secretion/ METHODS/ OVULATION/ PITUITARY GLAND, secretion/ *RADIOIMMUNOASSAY/ SHEEP

Some critical factors in double antibody radioimmunoassay systems utilizing sheep anti-rabbit precipitating sera for measurement of human serum LH, FSH and HGH. Burr IM, et al.
J Clin Endocr 29:948-56, Jul 69
ANIMAL EXPERIMENTS/ *ANTIBODIES/ BLOOD/ EDTA/ *FSH, blood/ *IMMUNE SERUMS/ *LH, blood/ METHODS/ PRECIPITATION/ RABBITS/ *RADIOIMMUNOASSAY/ SHEEP/ *SOMATOTROPIN, blood

Urinary follicle-stimulating hormone excretion in boys and adult males as measured by radioimmunoassay.
Raiti SM, et al. **J Clin Endocr 29:884-90, Jul 69**
ADOLESCENCE/ CHEMISTRY, CLINICAL/ CHILD/ CHILD, PRESCHOOL/ FSH, standards/ *FSH, urine/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ LH, standards/ MALE/ METHODS/ *RADIOIMMUNOASSAY

Problems in the development of radioimmunoassays for the human pituitary gonadotrophins. Hunter WM.
J Endocr 43:8-10, Jan 69
ANTIGEN-ANTIBODY REACTIONS/ FSH, analysis/ *GONADOTROPINS, PITUITARY, analysis/ GONADOTROPINS, PITUITARY, blood/ GONADOTROPINS, PITUITARY, urine/ HUMAN/ IODINE ISOTOPES/ LH, analysis/ *RADIOIMMUNOASSAY

Urinary insulin. I. Methodology. Najjar SS, et al.
J Med Liban 22:95-103, 1969
ANIMAL EXPERIMENTS/ GUINEA PIGS/ HUMAN/ *INSULIN, urine/ METHODS/ RABBITS/ RADIOIMMUNOASSAY

A radioimmunoassay for human calcitonin M. Clark MB, et al. **Lancet 2:74-7, 12 Jul 69**
BIOLOGICAL ASSAY/ *CARCINOMA, diagnosis/ CHICKENS/ CORTICOTROPIN/ HUMAN/ IMMUNE SERUMS/ IODINE ISOTOPES/ METHODS/ OXYTOCIN/ PARATHYROID HORMONE/ *RADIOIMMUNOASSAY/ SWINE/ *THYROCALCITONIN, analysis/ *THYROID GLAND, analysis/ *THYROID NEOPLASMS, diagnosis/ TISSUE EXTRACTS/ VASOPRESSIN

The effect of glucola, diet cola and water ingestion on blood glucose and plasma insulin. Goldfine ID, et al.
Proc Soc Exp Biol Med 131:329-30, Jun 69
*BLOOD SUGAR, analysis/ *GLUCOSE, pharmacodynamics/ HUMAN/ *INSULIN, blood/ MALE/ METHODS/ RADIOIMMUNOASSAY/ *SWEETENING AGENTS, pharmacodynamics/ *WATER, pharmacodynamics

RADIOIMMUNOASSAY

[Radio-immunologic determination of gonadotropins] Franchimont P.
Ann Endocr (Paris) 29:403-31, Jul-Aug 68 **(Fre)**
CHEMISTRY, CLINICAL/ DEAE-CELLULOSE/ DEPRESSION, CHEMICAL/ ESTRADIOL, pharmacodynamics/ ESTROGENS, urine/ FEMALE/ *FSH, blood/ FSH, urine/ GONADOTROPINS, CHORIONIC/ HUMAN/ IMMUNOELECTROPHORESIS/ IODINE ISOTOPES/ KLINEFELTER'S SYNDROME, blood/ *LH, blood/ LH, urine/ MENSTRUATION/ METHODS/ PREGNANEDIOL, urine/ PROGESTERONE, pharmacodynamics/ PUBERTY, PRECOCIOUS, blood/ *RADIOIMMUNOASSAY/ TESTOSTERONE, pharmacodynamics/ TURNER'S SYNDROME, blood/ VASOPRESSIN, pharmacodynamics

[Radioimmunoassay of blood insulin in chronic pancreatitis] Linquette M, et al.
Rev Med Liege Suppl 1:61-5, Oct 68 **(Fre)**
ADULT/ HUMAN/ HYPERGLYCEMIA, diagnosis/ *INSULIN, blood/ METHODS/ MIDDLE AGE/ *PANCREATITIS, blood/ *RADIOIMMUNOASSAY

Solid phase radioimmunoassay for plasma human growth hormone. Giustina G, et al.
Folia Endocr (Roma) 21:643-54, Oct 68
HUMAN/ *IMMUNOASSAY/ *IODINE ISOTOPES, DIAGNOSTIC/ METHODS/ *RADIOISOTOPE DILUTION TECHNIC/ *SOMATOTROPIN, analysis

[Preparation of radio-iodated human somatotropic hormone for radioimmunological determination] Giustina G, et al.
Folia Endocr (Roma) 21:632-42, Oct 68 **(Ita)**
ENGLISH ABSTRACT/ HUMAN/ *IMMUNOASSAY/ *IODINE ISOTOPES, DIAGNOSTIC/ METHODS/ RADIOISOTOPE DILUTION TECHNIC/ *SOMATOTROPIN, analysis

[Insulin] Horiuchi Y, et al.
Jap J Clin Med 27:326-30, Feb 69 **(Jap)**
*INSULIN, blood/ INSULIN ANTIBODIES/ IODINE ISOTOPES/ METHODS/ RADIOIMMUNOASSAY

RADIOISOTOPE DILUTION TECHNIC

Solid phase radioimmunoassay for plasma human growth hormone. Giustina G, et al.
Folia Endocr (Roma) 21:643-54, Oct 68
HUMAN/ *IMMUNOASSAY/ *IODINE ISOTOPES, DIAGNOSTIC/ METHODS/ *RADIOISOTOPE DILUTION TECHNIC/ *SOMATOTROPIN, analysis

[Preparation of radio-iodated human somatotropic hormone for radioimmunological determination] Giustina G, et al.
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ENGLISH ABSTRACT/ HUMAN/ *IMMUNOASSAY/ *IODINE ISOTOPES, DIAGNOSTIC/ METHODS/ RADIOISOTOPE DILUTION TECHNIC/ *SOMATOTROPIN, analysis

SPECTROPHOTOMETRY

Determination of the N-terminal amino acids in proteins using fluoro-nitropyridines. Signor A, et al.
Europ J Biochem 7:328-33, Jan 69
*ALDOLASE, analysis/ *AMINO ACIDS, analysis/ CHEMISTRY/ CHROMATOGRAPHY, THIN LAYER/ DRUG STABILITY/ FLUORINE/ HYDROGEN-ION CONCENTRATION/ *INSULIN, analysis/ KINETICS/ METHODS/ *MURAMIDASE, analysis/ PEPTIDES, analysis/ *PROTEINS, analysis/ *PYRIDINES/ SPECTROPHOTOMETRY/ ULTRAVIOLET RAYS

II. STEROID HORMONE ANALYSIS

BIOLOGICAL ASSAY

Assessment of biological potency of progestins using the response of the mouse uterus. Stokes J, et al.
J Endocr 43:xl, Jan 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CASTRATION/ ESTRADIOL/ FEMALE/ METHODS/ MICE/ MITOSIS/ *PROGESTATIONAL HORMONES, analysis/ *UTERUS, drug effects

CHROMATOGRAPHY

[C21 steroid hormone] Mashimo K, et al.
Jap J Clin Med 27:386-93, Feb 69 **(Jap)**
*ADRENAL CORTEX HORMONES, analysis/ CHEMISTRY/ CHROMATOGRAPHY/ HUMAN/ MALE/ METHODS/ PROTEIN BINDING/ RADIOISOTOPE DILUTION TECHNIC

A radio-ligand binding assay system for estradiol measurement in human plasma. Korenman SG, et al.
J Clin Endocr 29:879-83, Jul 69
*BINDING SITES/ BLOOD CHEMICAL ANALYSIS/ CHROMATOGRAPHY/ *ESTRADIOL, blood/ FEMALE/ FSH, secretion/ HUMAN/ LH, secretion/ MENSTRUATION/ METHODS/ PROTEIN BINDING/ *PROTEINS/ RECEPTORS, DRUG/ TRITIUM/ UTERUS, cytology

CHROMATOGRAPHY, GAS

Gas chromatographic analysis of estrogens. Honda K, et al. **Amer J Obstet Gynec** 104:528-32, 15 Jun 69
*CHROMATOGRAPHY, GAS/ *ESTRIOL, analysis/ ESTROGENS, analysis/ FEMALE/ HUMAN/ INDICATORS AND REAGENTS/ METHODS/ PREGNANCY/ RADIOMETRY, instrumentation/ SOLVENTS/ TIME FACTORS

Conversion of steroids to trimethylsilyl derivatives for gas phase analytical studies: reactions of silylating reagents. Chambaz EM, et al.
Anal Biochem 30:7-24, Jul 69
ANDROSTANES/ ANDROSTERONE/ CATALYSIS/ CHOLESTANES/ *CHROMATOGRAPHY, GAS/ DEHYDROEPIANDROSTERONE/ KETONES/ METHODS/ PREGNANES/ *SILICON/ *STEROIDS, analysis/ STEROLS

Determination of steroid mono- and disulfates in human plasma. Jänne O, et al.
Clin Chim Acta 23:405-12, Mar 69
ADULT/ ANDROGENS, blood/ ANDROSTANES, blood/ ANDROSTERONE, blood/ CHOLESTEROL, analysis/ CHROMATOGRAPHY, GAS/ DEHYDROEPIANDROSTERONE/ ELECTROPHORESIS/ FEMALE/ GEL FILTRATION/ HUMAN/ MALE/ METHODS/ PREGNANES, blood/ PREGNENOLONE, blood/ SPECTRUM ANALYSIS/ *STEROIDS, blood/ STEROLS, blood/ *SULFATES, blood

An improved method for isolation and identification of hydroxylated testosterone metabolites as trimethylsilyl ethers from biological material. Demisch K, et al. **Europ J Biochem** 9:378-82, Jun 69
*ANDROSTANES, analysis/ ANDROSTANES, isolation & purification/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHEMISTRY/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ DRUG STABILITY/ ETHERS, analysis/ GELS/ GUINEA PIGS/ LIVER, metabolism/ METHODS/ PERFUSION/ SILICA/ SILICON/ *STEROLS, analysis/ STEROLS, isolation & purification/ TESTOSTERONE, analysis/ TESTOSTERONE, metabolism

Measurement of plasma prednisolone by gas chromatography. Bacon GE, et al.
J Lab Clin Med 73:1030-5, Jun 69
*CHROMATOGRAPHY, GAS/ HUMAN/ METHODS/ *PREDNISOLONE, blood

[Apropos of the determination by gas chromatography of testosterone in the form of chloroacetate] Palem M, et al. **Rev Franc Etud Clin Biol** 14:96-8, Jan 69 **(Fre)**
ADULT/ *CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ HUMAN/ MALE/ METHODS/ *TESTOSTERONE, blood

CHROMATOGRAPHY, PAPER

Quantitative estimation of urinary pregnanetriol, pregnanetriolone, tetrahydro S and delta-5-pregnenetriol in the investigation of adrenocortical function. Thomas FJ, et al.
Acta Endocr (Kobenhavn) 60:657-68, Apr 69
*ADRENOGENITAL SYNDROME, urine/ CHEMISTRY, CLINICAL/ CHILD/ CHILD, PRESCHOOL/ CHROMATOGRAPHY, PAPER/ CLITORIS, abnormalities/ CUSHING'S SYNDROME, urine/ FEMALE/ HIRSUTISM, urine/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ HYDROXYLASES/ INFANT/ INFANT, NEWBORN/ 17-KETOSTEROIDS, urine/ MALE/ METABOLISM, INBORN ERRORS/ METHODS/ *PITUITARY-ADRENAL FUNCTION TESTS/ *PREGNANETRIOL, urine/ SEX CHROMOSOME ABNORMALITIES, urine/ UROGENITAL SYSTEM, abnormalities

CHROMATOGRAPHY, THIN LAYER

An improved method for isolation and identification of hydroxylated testosterone metabolites as trimethylsilyl ethers from biological material. Demisch K, et al. **Europ J Biochem** 9:378-82, Jun 69
*ANDROSTANES, analysis/ ANDROSTANES, isolation & purification/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHEMISTRY/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ DRUG STABILITY/ ETHERS, analysis/ GELS/ GUINEA PIGS/ LIVER, metabolism/ METHODS/ PERFUSION/ SILICA/ SILICON/ *STEROLS, analysis/ STEROLS, isolation & purification/ TESTOSTERONE, analysis/ TESTOSTERONE, metabolism

Measurement of plasma testosterone by means of competitive protein binding analysis. Rosenfield RL, et al. **J Clin Endocr** 29:854-9, Jun 69
ADULT/ BINDING SITES/ CARBON ISOTOPES/ CHROMATOGRAPHY, THIN LAYER/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ MALE/ METHODS/ PREGNANCY/ PROTEIN BINDING/ *TESTOSTERONE, blood/ TRITIUM

Competitive protein binding assay of 17-beta-oestradiol in human peripheral plasma. Corker CS, et al.
J Endocr 43:xxx, Jan 69
CHROMATOGRAPHY, THIN LAYER/ *ESTRADIOL, blood/ FEMALE/ HUMAN/ *MENSTRUATION/ METHODS/ PROTEIN BINDING/ TISSUE EXTRACTS/ UTERUS

Direct fluorescence quantitation on thin-layer chromatograms. Hamman BL, et al.
J Lab Clin Med 73:1042-8, Jun 69
*CHROMATOGRAPHY, THIN LAYER/ *CORTICOSTERONE, analysis/ *ESTROGENS, analysis/ *FLUOROMETRY/ *GELS/ HUMAN/ *HYDROCORTISONE, analysis/ INDICATORS AND REAGENTS/ METHODS/ QUININE, analysis/ SILICA/ SULFATES/ SULFURIC ACIDS

[Apropos of the determination by gas chromatography of testosterone in the form of chloroacetate] Palem M, et al. **Rev Franc Etud Clin Biol** 14:96-8, Jan 69 **(Fre)**
ADULT/ *CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ HUMAN/ MALE/ METHODS/ *TESTOSTERONE, blood

[A thin-layer chromatography method for the quantitative determination of plasma cortisol] Schaller KH, et al.
Int Z Angew Physiol 27:110-5, 1969 **(Ger)**
BLOOD CHEMICAL ANALYSIS/ CHEMISTRY, CLINICAL/ *CHROMATOGRAPHY, THIN LAYER/ ENGLISH ABSTRACT/ FEMALE/ FLUOROMETRY/ HUMAN/ *HYDROCORTISONE, blood/ MALE/ METHODS/ SPECTROPHOTOMETRY

[Studies of fluorescence blank value in thin layer chromatography] Szeguhn C, et al.
Z Med Labortechn 9:357-60, 1968 **(Ger)**
*CHROMATOGRAPHY, THIN LAYER/ *CORTICOSTERONE, analysis/ *FLUOROMETRY/ *HYDROCORTISONE, analysis/ METHODS

[The use of thin layer chromatography for the determination of estrogen steroids in urine] Rondini G, et al. **Minerva Pediat** 19:1796, 29 Sep 67 **(Ita)**
*CHROMATOGRAPHY, THIN LAYER/ *ESTRADIOL, urine/ *ESTRIOL, urine/ *ESTRONE, urine/ HUMAN/ METHODS

[The use of thin layer chromatography for the separation and determination of etiocolanolone, androsterone and dehydroepiandrosterone in urine] Rondini G, et al.
Minerva Pediat 19:1794-6, 29 Sep 67 **(Ita)**
*ANDROSTERONE, analysis/ ANDROSTERONE, urine/ *CHROMATOGRAPHY, THIN LAYER/ *DEHYDROEPIANDROSTERONE, analysis/ DEHYDROEPIANDROSTERONE, urine/ *ETIOCHOLANOLONE, analysis/ ETIOCHOLANOLONE, urine/ HUMAN/ METHODS

[On the method of fractional determination of neutral 17-ketosteroids of urine by means of thin-layer chromatography] Miklavskaia GM.
Lab Delo 9:566-7, 1967 **(Rus)**
*CHROMATOGRAPHY, THIN LAYER/ FEMALE/ HUMAN/ *17-KETOSTEROIDS, urine/ METHODS

METHOD SECTION

COLORIMETRY

[Spectrophotometric and photocolorimetric determination of delta 4 and delta 1,4-cortico-steroids by means of isonicotinic acid hydrazide] Kovalenko LI. **Farm Zh (Kiev)** 23:55-66, 1968 **(Ukr)**
*ADRENAL CORTEX HORMONES, analysis/ *COLORIMETRY/ DOSAGE FORMS/ *ISONIAZID/ METHODS/ *PHOTOMETRY/ *SPECTROPHOTOMETRY

[Photocolorimetric determination of cortisone acetate by complex-ether group] Kovalenko LI, et al. **Farm Zh (Kiev)** 24:26-9, 1969 **(Ukr)**
*COLORIMETRY/ *CORTISONE, analysis/ DOSAGE FORMS/ ENGLISH ABSTRACT/ *ETHERS, analysis/ METHODS/ *PHOTOMETRY

ELECTROPHORESIS

Determination of steroid mono- and disulfates in human plasma. Jänne O, et al. **Clin Chim Acta** 23:405-12, Mar 69
ADULT/ ANDROGENS, blood/ ANDROSTANES, blood/ ANDROSTERONE, blood/ CHOLESTEROL, analysis/ CHROMATOGRAPHY, GAS/ DEHYDROEPIANDROSTERONE/ ELECTROPHORESIS/ FEMALE/ GEL FILTRATION/ HUMAN/ MALE/ METHODS/ PREGNANES, blood/ PREGNENOLONE, blood/ SPECTRUM ANALYSIS/ *STEROIDS, blood/ STEROLS, blood/ *SULFATES, blood

FLUOROMETRY

[A thin-layer chromatography method for the quantitative determination of plasma cortisol] Schaller KH, et al. **Int Z Angew Physiol** 27:110-5, 1969 **(Ger)**
BLOOD CHEMICAL ANALYSIS/ CHEMISTRY, CLINICAL/ *CHROMATOGRAPHY, THIN LAYER/ ENGLISH ABSTRACT/ FEMALE/ FLUOROMETRY/ HUMAN/ *HYDROCORTISONE, blood/ MALE/ METHODS/ SPECTROPHOTOMETRY

Direct fluorescence quantitation on thin-layer chromatograms. Hamman BL, et al. **J Lab Clin Med** 73:1042-8, Jun 69
*CHROMATOGRAPHY, THIN LAYER/ *CORTICOSTERONE, analysis/ *ESTROGENS, analysis/ *FLUOROMETRY/ *GELS/ HUMAN/ *HYDROCORTISONE, analysis/ INDICATORS AND REAGENTS/ METHODS/ QUININE, analysis/ SILICA/ SULFATES/ SULFURIC ACIDS

[Studies of fluorescence blank value in thin layer chromatography] Szeguhn C, et al. **Z Med Labortechn** 9:357-60, 1968 **(Ger)**
*CHROMATOGRAPHY, THIN LAYER/ *CORTICOSTERONE, analysis/ *FLUOROMETRY/ *HYDROCORTISONE, analysis/ METHODS

[Light absorption analysis. 1. Fluorometric analysis] Aizawa Y. **Clin Endocr (Tokyo)** 17:217-21, Mar 69 **(Jap)**
*ESTROGENS, urine/ *FLUOROMETRY

GEL FILTRATION

Biologically active cortisol in plasma of oestrogen-treated and normal subjects. Burke CW. **Brit Med J** 2:798-800, 28 Jun 69
ADOLESCENCE/ ADULT/ BLOOD PROTEINS/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ GEL FILTRATION/ HUMAN/ *HYDROCORTISONE, blood/ MALE/ MESTRANOL, administration & dosage/ *MESTRANOL, pharmacodynamics/ METHODS/ PROTEIN BINDING

Determination of steroid mono- and disulfates in human plasma. Jänne O, et al. **Clin Chim Acta** 23:405-12, Mar 69
ADULT/ ANDROGENS, blood/ ANDROSTANES, blood/ ANDROSTERONE, blood/ CHOLESTEROL, analysis/ CHROMATOGRAPHY, GAS/ DEHYDROEPIANDROSTERONE/ ELECTROPHORESIS/ FEMALE/ GEL FILTRATION/ HUMAN/ MALE/ METHODS/ PREGNANES, blood/ PREGNENOLONE, blood/ SPECTRUM ANALYSIS/ *STEROIDS, blood/ STEROLS, blood/ *SULFATES, blood

Radioimmunoassay for estrogens: a preliminary communication. Jiang NS, et al. **Mayo Clin Proc** 44:461-5, Jul 69
ANIMAL EXPERIMENTS/ CATTLE/ DIETHYLSTILBESTROL, analysis/ *ESTRADIOL, analysis/ ESTRIOL, analysis/ *ESTROGENS, analysis/ ESTRONE, analysis/ GEL FILTRATION/ HYDROCORTISONE, analysis/ IMMUNE SERUMS/ METHODS/ PROGESTERONE, analysis/ PROTEIN BINDING/ RABBITS/ *RADIOIMMUNOASSAY/ SERUM ALBUMIN, BOVINE/ TESTOSTERONE, analysis

[Testosterone] Kato T. **Jap J Clin Med** 27:363-8, Feb 69 **(Jap)**
FEMALE/ GEL FILTRATION/ HUMAN/ METHODS/ PREGNANCY/ PROTEIN BINDING/ SERUM GLOBULIN, analysis/ *TESTOSTERONE, blood/ TRITIUM

PROTEIN BINDING

Biologically active cortisol in plasma of oestrogen-treated and normal subjects. Burke CW. **Brit Med J** 2:798-800, 28 Jun 69
ADOLESCENCE/ ADULT/ BLOOD PROTEINS/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ GEL FILTRATION/ HUMAN/ *HYDROCORTISONE, blood/ MALE/ MESTRANOL, administration & dosage/ *MESTRANOL, pharmacodynamics/ METHODS/ PROTEIN BINDING

Simple method of measuring plasma testosterone by analysis of competitive testosterone binding protein. Kamitsuna S, et al. **Hiroshima J Med Sci** 18:1-11, Mar 69
ADULT/ FEMALE/ HUMAN/ INFANT/ MALE/ METHODS/ MIDDLE AGE/ PROTEIN BINDING/ SERUM GLOBULIN, analysis/ *TESTOSTERONE, blood/ TRITIUM

A radio-ligand binding assay system for estradiol measurement in human plasma. Korenman SG, et al. **J Clin Endocr** 29:879-83, Jul 69
*BINDING SITES/ BLOOD CHEMICAL ANALYSIS/ CHROMATOGRAPHY/ *ESTRADIOL, blood/ FEMALE/ FSH, secretion/ HUMAN/ LH, secretion/ MENSTRUATION/ METHODS/ PROTEIN BINDING/ *PROTEINS/ RECEPTORS, DRUG/ TRITIUM/ UTERUS, cytology

Measurement of plasma testosterone by means of competitive protein binding analysis. Rosenfield RL, et al. **J Clin Endocr 29:854-9, Jun 69**
ADULT/ BINDING SITES/ CARBON ISOTOPES/ CHROMATOGRAPHY, THIN LAYER/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ MALE/ METHODS/ PREGNANCY/ PROTEIN BINDING/ *TESTOSTERONE, blood/ TRITIUM

Competitive protein binding assay of 17-beta-oestradiol in human peripheral plasma. Corker CS, et al. **J Endocr 43:xxx, Jan 69**
CHROMATOGRAPHY, THIN LAYER/ *ESTRADIOL, blood/ FEMALE/ HUMAN/ *MENSTRUATION/ METHODS/ PROTEIN BINDING/ TISSUE EXTRACTS/ UTERUS

Radioimmunoassay for estrogens: a preliminary communication. Jiang NS, et al. **Mayo Clin Proc 44:461-5, Jul 69**
ANIMAL EXPERIMENTS/ CATTLE/ DIETHYLSTILBESTROL, analysis/ *ESTRADIOL, analysis/ ESTRIOL, analysis/ *ESTROGENS, analysis/ ESTRONE, analysis/ GEL FILTRATION/ HYDROCORTISONE, analysis/ IMMUNE SERUMS/ METHODS/ PROGESTERONE, analysis/ PROTEIN BINDING/ RABBITS/ *RADIOIMMUNOASSAY/ SERUM ALBUMIN, BOVINE/ TESTOSTERONE, analysis

[Testosterone] Kato T. **Jap J Clin Med 27:363-8, Feb 69 (Jap)**
FEMALE/ GEL FILTRATION/ HUMAN/ METHODS/ PREGNANCY/ PROTEIN BINDING/ SERUM GLOBULIN, analysis/ *TESTOSTERONE, blood/ TRITIUM

[Aldosterone] Kondo T, et al. **Jap J Clin Med 27:359-62, Feb 69 (Jap)**
*ALDOSTERONE, urine/ FEMALE/ HUMAN/ MALE/ METHODS/ PROTEIN BINDING/ SERUM GLOBULIN, analysis/ TRITIUM

[C21 steroid hormone] Mashimo K, et al. **Jap J Clin Med 27:386-93, Feb 69 (Jap)**
*ADRENAL CORTEX HORMONES, analysis/ CHEMISTRY/ CHROMATOGRAPHY/ HUMAN/ MALE/ METHODS/ PROTEIN BINDING/ RADIOISOTOPE DILUTION TECHNIC

[Cortisol and corticosterone] Nakajija H, et al. **Jap J Clin Med 27:352-8, Feb 69 (Jap)**
*CORTICOSTERONE, blood/ HUMAN/ *HYDROCORTISONE, blood/ METHODS/ PREDNISOLONE, metabolism/ PROTEIN BINDING/ SERUM GLOBULIN, analysis/ TRITIUM

[Progesterone] Yoshimi T, et al. **Jap J Clin Med 27:369-72, Feb 69 (Jap)**
FEMALE/ HUMAN/ MALE/ MENSTRUATION/ METHODS/ *PROGESTERONE, blood/ PROTEIN BINDING/ TRITIUM

RADIOIMMUNOASSAY

Radioimmunoassay for estrogens: a preliminary communication. Jiang NS, et al. **Mayo Clin Proc 44:461-5, Jul 69**
ANIMAL EXPERIMENTS/ CATTLE/ DIETHYLSTILBESTROL, analysis/ *ESTRADIOL, analysis/ ESTRIOL, analysis/ *ESTROGENS, analysis/ ESTRONE, analysis/ GEL FILTRATION/ HYDROCORTISONE, analysis/ IMMUNE SERUMS/ METHODS/ PROGESTERONE, analysis/ PROTEIN BINDING/ RABBITS/ *RADIOIMMUNOASSAY/ SERUM ALBUMIN, BOVINE/ TESTOSTERONE, analysis

Hapten-radioimmunoassay: a general procdure for the estimation of steroidal and other haptenic substances. Midgley AR Jr, et al. **Steroids 13:731-7, Jun 69**
CATTLE/ CHOLESTEROL, analysis/ CORTICOSTERONE, analysis/ CORTISONE, analysis/ ESTRADIOL, analysis/ ESTRIOL, analysis/ *ESTROGENS, analysis/ ESTRONE, analysis/ *HAPTENS, analysis/ HUMAN/ HYDROCORTISONE, analysis/ IMMUNE SERUMS/ METHODS/ PROGESTERONE, analysis/ RABBITS/ RADIOIMMUNOASSAY/ *SERUM ALBUMIN, RADIO-IODINATED/ *STEROIDS, analysis/ *STEROLS, analysis/ TESTOSTERONE, analysis

Immunoassays in the diagnoses of endocrine disorders. Lawrence AM. **Surg Clin N Amer 49:3-10, Feb 69 (29 ref.)**
ACROMEGALY, diagnosis/ CUSHING'S SYNDROME, diagnosis/ *ENDOCRINE DISEASES, diagnosis/ GLUCAGON, secretion/ *HORMONES, analysis/ HUMAN/ HYPERALDOSTERONISM, diagnosis/ HYPERPARATHYROIDISM, diagnosis/ INSULIN, secretion/ ISLET CELL TUMOR, diagnosis/ PANCREATIC NEOPLASMS, diagnosis/ PEPTIDES, analysis/ *RADIOIMMUNOASSAY/ REVIEW/ ZOLLINGER-ELLISON SYNDROME, diagnosis

RADIOISOTOPE DILUTION TECHNIC

[C21 steroid hormone] Mashimo K, et al. **Jap J Clin Med 27:386-93, Feb 69 (Jap)**
*ADRENAL CORTEX HORMONES, analysis/ CHEMISTRY/ CHROMATOGRAPHY/ HUMAN/ MALE/ METHODS/ PROTEIN BINDING/ RADIOISOTOPE DILUTION TECHNIC

SPECTROPHOTOMETRY

[Photocolorimetric determination of cortisone acetate by complex-ether group] Kovalenko LI, et al. **Farm Zh (Kiev) 24:26-9, 1969 (Ukr)**
*COLORIMETRY/ *CORTISONE, analysis/ DOSAGE FORMS/ ENGLISH ABSTRACT/ *ETHERS, analysis/ METHODS/ *PHOTOMETRY

[A thin-layer chromatography method for the quantitative determination of plasma cortisol] Schaller KH, et al. **Int Z Angew Physiol 27:110-5, 1969 (Ger)**
BLOOD CHEMICAL ANALYSIS/ CHEMISTRY, CLINICAL/ *CHROMATOGRAPHY, THIN LAYER/ ENGLISH ABSTRACT/ FEMALE/ FLUOROMETRY/ HUMAN/ *HYDROCORTISONE, blood/ MALE/ METHODS/ SPECTROPHOTOMETRY

[Spectrophotometric and photocolorimetric determination of delta 4 and delta 1,4-cortico-steroids by means of isonicotinic acid hydrazide] Kovalenko LI. **Farm Zh (Kiev) 23:55-66, 1968 (Ukr)**
*ADRENAL CORTEX HORMONES, analysis/ *COLORIMETRY/ DOSAGE FORMS/ *ISONIAZID/ METHODS/ *PHOTOMETRY/ *SPECTROPHOTOMETRY

SPECTRUM ANALYSIS

Determination of steroid mono- and disulfates in human plasma. Jänne O, et al. **Clin Chim Acta 23:405-12, Mar 69**
ADULT/ ANDROGENS, blood/ ANDROSTANES, blood/ ANDROSTERONE, blood/ CHOLESTEROL, analysis/ CHROMATOGRAPHY, GAS/ DEHYDROEPIANDROSTERONE/ ELECTROPHORESIS/ FEMALE/ GEL FILTRATION/ HUMAN/ MALE/ METHODS/ PREGNANES, blood/ PREGNENOLONE, blood/ SPECTRUM ANALYSIS/ *STEROIDS, blood/ STEROLS, blood/ *SULFATES, blood

III MISCELLANEOUS ANALYSIS

ACTIVATION ANALYSIS

Iodine activation analysis in materials of biological interest. Malvano R, et al.
J Nucl Biol Med 12:86-97, Apr-Jun 68
*ACTIVATION ANALYSIS/ HUMAN/ *IODINE, analysis

Neutron dosimetry in the in vivo measurement of intrathyroidal iodine in man by activation analysis. Boddy K, et al. **Phys Med Biol** 14:471-80, Jul 69
*ACTIVATION ANALYSIS/ BORON/ FILTERS/ HUMAN/ *IODINE, analysis/ IODINE ISOTOPES/ *NEUTRONS/ *RADIOMETRY/ *THYROID GLAND, analysis

AUTOANALYSIS

An automated technic for separate fluorometric measurement of epinephrine and norepinephrine in urine. Mabry CC, et al.
Amer J Clin Path 52:57-68, Jul 69
AUTOANALYSIS/ COLORIMETRY/ COMPARATIVE STUDY/ *EPINEPHRINE, urine/ *FLUOROMETRY/ FLUOROMETRY, instrumentation/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INDICATORS AND REAGENTS/ METHODS/ *NOREPINEPHRINE, urine

Effect of bilirubin and lipemia on an automated method for serum cholesterol. Moline C, et al.
Clin Chem 15:521-6, Jun 69
AUTOANALYSIS/ *BILIRUBIN, blood/ *CHOLESTEROL, blood/ HUMAN/ *LIPIDS, blood/ METHODS/ TRIGLYCERIDES, blood

BIOLOGICAL ASSAY

Clinical application of a simple, specific bioassay technique for measuring renin activity. Cohn JN, et al.
Amer J Med Sci 257:344-51, May 69
ACETYLCHOLINE, pharmacodynamics/ ANGIOTENSIN, analysis/ ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BRADYKININ, pharmacodynamics/ CATS/ COLON, drug effects/ DIET, SALT-FREE/ EPINEPHRINE, pharmacodynamics/ HISTAMINE, pharmacodynamics/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYPERTENSION, diagnosis/ METHODS/ *MUSCLE CONTRACTION, drug effects/ *MUSCLE, SMOOTH, drug effects/ NEPHRECTOMY/ NOREPINEPHRINE, pharmacodynamics/ RATS/ *RENIN, blood/ TRYPTAMINES, pharmacodynamics

[Renin] Kaneko Y.
Jap J Clin Med 27:400-10, Feb 69 (39 ref.) (Jap)
ANGIOTENSIN, blood/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CATS/ CATTLE/ DIALYSIS/ HUMAN/ METHODS/ RABBITS/ RATS/ *RENIN, blood/ REVIEW/ SHEEP/ SWINE

CHEMICAL ANALYSIS

The occurrence and assay of renin in human urine. Lumbers ER, et al.
Aust J Exp Biol Med Sci 47:251-62, Apr 69
ANGIOTENSIN/ ANIMAL EXPERIMENTS/ CHEMISTRY/ KININS/ LYSINE/ METHODS/ RATS/ RENIN, isolation & purification/ *RENIN, urine/ SHEEP

A modified method for the determination of free and ester cholesterol in human serum. Nath RL, et al.
Bull Calcutta Sch Trop Med 15:136-7, Oct 67
AMEBIASIS, blood/ ANEMIA, blood/ *CHOLESTEROL, blood/ DIABETES MELLITUS, blood/ ESTERS, blood/ HEPATITIS, INFECTIOUS, blood/ HUMAN/ HYPERCHOLESTEREMIA, blood/ HYPERTENSION, blood/ LEUKEMIA, blood/ PEPTIC ULCER, blood/ PURPURA, THROMBOPENIC, blood/ THALASSEMIA

[Simple micromethod of determination of cholesterol in serum alpha and beta-lipoproteins] Babei E, et al.
Rev Medicochir Iasi 72:981-4, Oct-Dec 68 (Rum)
*CHOLESTEROL, blood/ ENGLISH ABSTRACT/ HUMAN/ *LIPOPROTEINS, analysis/ MICROCHEMISTRY

[Some data on different methods of determination of cholesterin in blood serum] Petysovskiĭ AI, et al.
Lab Delo 2:102-4, 1967 (Rus)
CARDIOVASCULAR DISEASES, blood/ *CHOLESTEROL, blood/ HUMAN/ HYPERCHOLESTEREMIA, diagnosis/ METHODS

CHROMATOGRAPHY

Esterified cholesterol in surface lipids: methods of isolation and fatty acid content. Wilkinson DI.
J Invest Derm 53:34-8, Jul 69
ADULT/ *CHOLESTEROL, isolation & purification/ CHROMATOGRAPHY/ CHROMATOGRAPHY, THIN LAYER/ ESTERS, isolation & purification/ *FATTY ACIDS, NONESTERIFIED, isolation & purification/ GEL FILTRATION/ HUMAN/ *LIPIDS, analysis/ MALE/ *SKIN, analysis/ WAXES, analysis

CHROMATOGRAPHY, GAS

[Changes in the fatty acid composition in serum lipid fractions in patients with decreased, elevated and normal thyroid gland activity] Felt V, et al.
Cas Lek Cesk 108:891-6, Jul 69 (Cze)
BLOOD SUGAR, analysis/ CARBON ISOTOPES/ CHOLESTEROL, blood/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ ENGLISH ABSTRACT/ *FATTY ACIDS, blood/ FATTY ACIDS, NONESTERIFIED, blood/ HUMAN/ *HYPERTHYROIDISM, blood/ *HYPOTHYROIDISM, blood/ METHODS/ *THYROID GLAND, analysis/ URIC ACID, blood

CHROMATOGRAPHY, ION EXCHANGE

Purification of bovine renin. Newsome HH. **Biochim Biophys Acta** 185:247-50, 8 Jul 69
ANIMAL EXPERIMENTS/ ANTIGENS/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ KIDNEY, analysis/ *KIDNEY, enzymology/ METHODS/ PRECIPITATION/ *RENIN, isolation & purification

A simple assay of dopamine beta-hydroxylase activity in the homogenate of the adrenal medulla. Kuzuya H, et al. **Enzymologia** 36:31-8, 31 Jan 69
*ADRENAL MEDULLA, enzymology/ ANIMAL EXPERIMENTS/ CATTLE/ CHROMAFFIN SYSTEM, enzymology/ CHROMATOGRAPHY, ION EXCHANGE/ DOPAMINE, metabolism/ ETHYLMALEIMIDE, pharmacodynamics/ *HYDROXYLASES, metabolism/ IN VITRO/ METHODS/ NORSYNEPHRINE, analysis/ RABBITS/ SPECTROPHOTOMETRY/ TIME FACTORS/ TYRAMINE, metabolism

[Separation of hormonal iodine and medicamentous iodine compounds in serum by means of cation exchange resin] Aquaron R. **Marseille Med** 106:33-41, 1969 (Fre)
*BLOOD PROTEINS/ CHROMATOGRAPHY, ION EXCHANGE/ CONTRAST MEDIA/ *IODINE, blood/ IODINE, therapeutic use/ *ION EXCHANGE RESINS/ PROTEIN BINDING/ THYROID DISEASES, drug therapy

CHROMATOGRAPHY, PAPER

A comparison of the effects of lipolytic and antilipolytic agents on adenosine 3',5'-monophosphate levels in adipose cells as determined by prior labeling with adenine-8-14C. Kuo JF, et al. **J Biol Chem** 244:2252-60, 10 May 69
*ADENINE/ ADENINE NUCLEOTIDES, analysis/ *ADENINE NUCLEOTIDES, metabolism/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, analysis/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ ADIPOSE TISSUE, cytology/ *ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ ANTIBIOTICS, ANTIFUNGAL, pharmacodynamics/ CARBON ISOTOPES/ CHOLESTEROL, pharmacodynamics/ CHROMATOGRAPHY, PAPER/ *CORTICOTROPIN, pharmacodynamics/ DEPRESSION, CHEMICAL/ DRUG SYNERGISM/ EPIDIDYMIS/ FATTY ACIDS, NONESTERIFIED, metabolism/ FLUORIDES, pharmacodynamics/ INSULIN, pharmacodynamics/ LECITHINS, pharmacodynamics/ LIPIDS, metabolism/ MALE/ METHODS/ *NOREPINEPHRINE, pharmacodynamics/ PIMARICIN, pharmacodynamics/ PROSTAGLANDINS, pharmacodynamics/ PUROMYCIN, pharmacodynamics/ RATS/ STIMULATION, CHEMICAL/ THEOPHYLLINE, pharmacodynamics

COLORIMETRY

An automated technic for separate fluorometric measurement of epinephrine and norepinephrine in urine. Mabry CC, et al. **Amer J Clin Path** 52:57-68, Jul 69
AUTOANALYSIS/ COLORIMETRY/ COMPARATIVE STUDY/ *EPINEPHRINE, urine/ *FLUOROMETRY/ FLUOROMETRY, instrumentation/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INDICATORS AND REAGENTS/ METHODS/ *NOREPINEPHRINE, urine

[Extraction-photometric method of microdetermination of iodine in fluids and tissues after administering iodine-containing preparations into the bodies of humans and animals] Lalin LN, et al. **Biull Eksp Biol Med** 67:124-5, Apr 69 (Rus)
ANIMAL EXPERIMENTS/ BROMIDES/ COLORIMETRY/ HUMAN/ INDICATORS AND REAGENTS/ *IODINE, analysis/ IODINE, blood/ IODINE, urine/ METHODS/ NITRITES/ PHOTOMETRY/ SODIUM/ SODIUM CHLORIDE/ SULFURIC ACIDS/ TOLUENE

ELECTROPHORESIS

The interaction of thyroxine with human plasma prealbumin and with the prealbumin-retinol-binding protein complex. Raz A, et al. **J Biol Chem** 244:3230-7, 25 Jun 69
AMINO ACIDS, analysis/ ANTIGENS/ *BLOOD PROTEINS/ BLOOD PROTEINS, analysis/ BLOOD PROTEINS, isolation & purification/ BUFFERS/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ DIALYSIS/ ELECTROPHORESIS/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HUMAN/ IMMUNE SERUMS/ IODINE ISOTOPES/ MOLECULAR WEIGHT/ PROTEIN BINDING/ *THYROXINE/ THYROXINE-BINDING PROTEIN/ ULTRACENTRIFUGATION/ *VITAMIN A

ELECTROPHORESIS, DISK

The preparation of serum albumin for turnover studies. Cullen MP, et al. **Arch Biochem** 132:351-2, Jun 69
AMINOBUTYRIC ACID/ ANIMAL EXPERIMENTS/ BLOOD PROTEIN ELECTROPHORESIS/ CARBON ISOTOPES/ CHEMISTRY/ DRUG STABILITY/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ HUMAN/ *IODINE/ IODINE ISOTOPES/ METHODS/ PROTEIN BINDING/ RATS/ *SERUM ALBUMIN/ TIME FACTORS

Purification of bovine renin. Newsome HH. **Biochim Biophys Acta** 185:247-50, 8 Jul 69
ANIMAL EXPERIMENTS/ ANTIGENS/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ KIDNEY, analysis/ *KIDNEY, enzymology/ METHODS/ PRECIPITATION/ *RENIN, isolation & purification

METHOD SECTION

ENZYMOLOGY

A souble 17 beta-hydroxysteroid dehydrogenase from human placenta. The binding of pyridine nucleotides and steroids. Jarabak J, et al.
Biochemistry (Wash) 8:2203-12, May 69
ANDROSTANES/ BINDING SITES/ COLD/ DETERGENTS/ DIETHYLSTILBESTROL/ *ESTRADIOL/ *ESTRONE/ FEMALE/ FLUOROMETRY/ GEL FILTRATION/ GUANIDINES/ HUMAN/ *HYDROXYSTEROID DEHYDROGENASE/ HYDROXYSTEROID DEHYDROGENASE, antagonists & inhibitors/ KINETICS/ MOLECULAR WEIGHT/ *NAD/ *NADP/ *PLACENTA, enzymology/ PREGNANCY/ *PROGESTERONE/ PROTEIN BINDING/ SOLUBILITY/ SULFATES/ ULTRACENTRIFUGATION

Localization of the delta5-3beta-hydroxysteroid dehydrogenase and 21-hydroxylase activities in smooth-surfaced microsomes of adrenals. Inano H, et al. **Steroids** 13:357-63, Mar 69
*ADRENAL GLANDS, enzymology/ ANIMAL EXPERIMENTS/ CENTRIFUGATION, DENSITY GRADIENT/ CESIUM/ CHLORIDES/ HYDROLASES, analysis/ *HYDROXYLASES, metabolism/ HYDROXYSTEROID DEHYDROGENASE, analysis/ *HYDROXYSTEROID DEHYDROGENASE, metabolism/ MALE/ METHODS/ *MICROSOMES, enzymology/ PROTEINS, analysis/ RATS/ RNA, analysis

[Manifestation of specificity observable by detection of phosphohydrolases in fixed rodent testicular tissue] Daicq AM.
C R Acad Sci [D] (Paris) 268:1868-73, 9 Apr 69 **(Fre)**
ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ HAMSTERS/ HISTOCYTOCHEMISTRY/ LEYDIG CELLS, cytology/ *LEYDIG CELLS, enzymology/ MALE/ METHODS/ MICE/ NUCLEOSIDES/ NUCLEOTIDES/ *PHOSPHATASES, metabolism/ PYROPHOSPHATASE, metabolism/ RATS/ *SEMINAL VESICLES, enzymology/ SERTOLI CELLS, cytology/ *SERTOLI CELLS, enzymology/ THIAMINE PYROPHOSPHATE

FLUOROMETRY

An automated technic for separate fluorometric measurement of epinephrine and norepinephrine in urine. Mabry CC, et al.
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AUTOANALYSIS/ COLORIMETRY/ COMPARATIVE STUDY/ *EPINEPHRINE, urine/ *FLUOROMETRY/ FLUOROMETRY, instrumentation/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INDICATORS AND REAGENTS/ METHODS/ *NOREPINEPHRINE, urine

GEL FILTRATION

The preparation of serum albumin for turnover studies. Cullen MP, et al. **Arch Biochem** 132:351-2, Jun 69
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ANIMAL EXPERIMENTS/ ANTIGENS/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ KIDNEY, analysis/ *KIDNEY, enzymology/ METHODS/ PRECIPITATION/ *RENIN, isolation & purification

Determination of serum thyroxine by saturation analysis of thyroxine binding proteins. Cuarón A.
J Nucl Med 10:532-9, Aug 69
FEMALE/ GEL FILTRATION/ HUMAN/ *HYPERTHYROIDISM, blood/ *HYPOTHYROIDISM, blood/ IODINE ISOTOPES, DIAGNOSTIC/ METHODS/ *PREGNANCY/ PROTEIN-BOUND IODINE TEST/ *THYROXINE, blood/ *THYROXINE-BINDING PROTEIN, diagnostic use

HISTOCYTOCHEMISTRY

The succinic dehydrogenase and lipid content of follicular and luteal cells of the bovine ovary. Priedkalns J, et al. **Acta Anat (Basel)** 71:542-64, 1968
ANIMAL EXPERIMENTS/ CATTLE/ CHOLESTEROL, analysis/ ESTRUS/ FEMALE/ HISTOCYTOCHEMISTRY/ *LIPIDS, analysis/ METHODS/ OVARY, analysis/ *OVARY, enzymology/ *SUCCINATE DEHYDROGENASE, metabolism

Histological studies of infantile ovaries on autopsy material. Tóth VG, et al.
Arq Brasil Endocr 17:81-8, Aug 68
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ COMPARATIVE STUDY/ FEMALE/ *FSH, physiology/ HUMAN/ INFANT/ INFANT, NEWBORN/ METHODS/ OVARIAN CYSTS, complications/ OVARIAN CYSTS, pathology/ OVARIAN NEOPLASMS, pathology/ *OVARY, cytology/ OVARY, physiology/ PUBERTY

Differentiation of growth hormone- and prolactin-containing acidophils with peroxidase-labeled antibody. Baker BL, et al.
Anat Rec 164:163-71, Jun 69
ANIMAL EXPERIMENTS/ *ANTIBODIES/ CASTRATION/ *CELL DIFFERENTIATION/ FEMALE/ HISTOCYTOCHEMISTRY/ IMMUNOCHEMISTRY/ MALE/ METHODS/ OVARY, physiology/ *PEROXIDASES, metabolism/ *PITUITARY GLAND, cytology/ PITUITARY GLAND, enzymology/ *PROLACTIN, analysis/ RATS/ *SOMATOTROPIN, analysis

[Manifestation of specificity observable by detection of phosphohydrolases in fixed rodent testicular tissue] Daicq AM.
C R Acad Sci [D] (Paris) 268:1868-73, 9 Apr 69 **(Fre)**
ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ HAMSTERS/ HISTOCYTOCHEMISTRY/ LEYDIG CELLS, cytology/ *LEYDIG CELLS, enzymology/ MALE/ METHODS/ MICE/ NUCLEOSIDES/ NUCLEOTIDES/ *PHOSPHATASES, metabolism/ PYROPHOSPHATASE, metabolism/ RATS/ *SEMINAL VESICLES, enzymology/ SERTOLI CELLS, cytology/ *SERTOLI CELLS, enzymology/ THIAMINE PYROPHOSPHATE

IMMUNOELECTROPHORESIS

Purification of bovine renin. Newsome HH.
Biochim Biophys Acta 185:247-50, 8 Jul 69
ANIMAL EXPERIMENTS/ ANTIGENS/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ KIDNEY, analysis/ *KIDNEY, enzymology/ METHODS/ PRECIPITATION/ *RENIN, isolation & purification

ION EXCHANGE RESINS

Specific binding radioassay of serum thyroxine. Nobel S, et al. **Clin Chem** 15:509-20, Jun 69
ANALYSIS OF VARIANCE/ BLOOD PROTEINS/ COMPARATIVE STUDY/ HUMAN/ IODINE, blood/ IODINE ISOTOPES/ ION EXCHANGE RESINS/ MATHEMATICS/ METHODS/ PROTEIN BINDING/ *THYROXINE, blood/ THYROXINE-BINDING PROTEIN/ TIME FACTORS

Determination of hormonal radioiodine in serum with a cation exchange resin. Wiener JD, et al.
J Nucl Med 9:601-3, Dec 68
AMINO ACIDS, blood/ HUMAN/ HYPERTHYROIDISM, diagnosis/ IODINE ISOTOPES, DIAGNOSTIC, blood/ *ION EXCHANGE RESINS/ METHODS/ *PROTEIN-BOUND IODINE TEST/ *THYROID HORMONES, blood/ THYROXINE, blood/ TRIIODOTHYRONINE, blood

[Separation of hormonal iodine and medicamentous iodine compounds in serum by means of cation exchange resin] Aquaron R.
Marseille Med 106:33-41, 1969 **(Fre)**
*BLOOD PROTEINS/ CHROMATOGRAPHY, ION EXCHANGE/ CONTRAST MEDIA/ *IODINE, blood/ IODINE, therapeutic use/ *ION EXCHANGE RESINS/ PROTEIN BINDING/ THYROID DISEASES, drug therapy

PHOTOMETRY

[Extraction-photometric method of microdetermination of iodine in fluids and tissues after administering iodine-containing preparations into the bodies of humans and animals] Lalin LN, et al.
Biull Eksp Biol Med 67:124-5, Apr 69 **(Rus)**
ANIMAL EXPERIMENTS/ BROMIDES/ COLORIMETRY/ HUMAN/ INDICATORS AND REAGENTS/ *IODINE, analysis/ IODINE, blood/ IODINE, urine/ METHODS/ NITRITES/ PHOTOMETRY/ SODIUM/ SODIUM CHLORIDE/ SULFURIC ACIDS/ TOLUENE

PROTEIN BINDING

The preparation of serum albumin for turnover studies. Cullen MP, et al. **Arch Biochem** 132:351-2, Jun 69
AMINOBUTYRIC ACID/ ANIMAL EXPERIMENTS/ BLOOD PROTEIN ELECTROPHORESIS/ CARBON ISOTOPES/ CHEMISTRY/ DRUG STABILITY/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ HUMAN/ *IODINE/ IODINE ISOTOPES/ METHODS/ PROTEIN BINDING/ RATS/ *SERUM ALBUMIN/ TIME FACTORS

Specific binding radioassay of serum thyroxine. Nobel S, et al. **Clin Chem** 15:509-20, Jun 69
ANALYSIS OF VARIANCE/ BLOOD PROTEINS/ COMPARATIVE STUDY/ HUMAN/ IODINE, blood/ IODINE ISOTOPES/ ION EXCHANGE RESINS/ MATHEMATICS/ METHODS/ PROTEIN BINDING/ *THYROXINE, blood/ THYROXINE-BINDING PROTEIN/ TIME FACTORS

[Separation of hormonal iodine and medicamentous iodine compounds in serum by means of cation exchange resin] Aquaron R.
Marseille Med 106:33-41, 1969 **(Fre)**
*BLOOD PROTEINS/ CHROMATOGRAPHY, ION EXCHANGE/ CONTRAST MEDIA/ *IODINE, blood/ IODINE, therapeutic use/ *ION EXCHANGE RESINS/ PROTEIN BINDING/ THYROID DISEASES, drug therapy

PRECIPITATION

Purification of bovine renin. Newsome HH.
Biochim Biophys Acta 185:247-50, 8 Jul 69
ANIMAL EXPERIMENTS/ ANTIGENS/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ KIDNEY, analysis/ *KIDNEY, enzymology/ METHODS/ PRECIPITATION/ *RENIN, isolation & purification

SPECTROPHOTOMETRY

A simple assay of dopamine beta-hydroxylase activity in the homogenate of the adrenal medulla. Kuzuya H, et al. **Enzymologia** 36:31-8, 31 Jan 69
*ADRENAL MEDULLA, enzymology/ ANIMAL EXPERIMENTS/ CATTLE/ CHROMAFFIN SYSTEM, enzymology/ CHROMATOGRAPHY, ION EXCHANGE/ DOPAMINE, metabolism/ ETHYLMALEIMIDE, pharmacodynamics/ *HYDROXYLASES, metabolism/ IN VITRO/ METHODS/ NORSYNEPHRINE, analysis/ RABBITS/ SPECTROPHOTOMETRY/ TIME FACTORS/ TYRAMINE, metabolism

Base sequences of small oligonucleotides. 1. Spectrophotometric determination of the structure of some adenine and guanine containing dinucleoside-monophosphates. Felicioli RA, et al.
Ital J Biochem 18:60-9, Jan-Feb 69
*ADENINE NUCLEOTIDES, analysis/ ALKALINE PHOSPHATASE/ AMINOHYDROLASES/ CATTLE/ CHEMISTRY/ DENSITOMETRY/ GLUCOSYLTRANSFERASES/ *GUANINE NUCLEOTIDES, analysis/ METHODS/ NUCLEOSIDES/ *NUCLEOTIDES, analysis/ PANCREAS, enzymology/ PHOSPHATASES/ RIBONUCLEASE/ SNAKES/ SPECTROPHOTOMETRY/ SPLEEN, enzymology/ TIME FACTORS/ ULTRAVIOLET RAYS/ VENOMS/ XANTHINE OXIDASE

IV OTHER ENDOCRINE METHODS

FUNCTION TESTS

PARATHYROID FUNCTION

[Parathyroid function test] Seta K, et al.
Jap J Clin Med 27:272-7, Feb 69 (77 ref.) **(Jap)**
ANIMAL EXPERIMENTS/ CALCIUM, diagnostic use/ HUMAN/ HYDROXYPROLINE, urine/ HYPERPARATHYROIDISM, diagnosis/ HYPOPARATHYROIDISM, diagnosis/ KIDNEY TUBULES, physiology/ METHODS/ *PARATHYROID GLANDS, physiology/ PARATHYROID GLANDS, physiopathology/ PARATHYROID HORMONE, analysis/ PARATHYROID HORMONE, diagnostic use/ PHOSPHATES, metabolism/ PHOSPHATES, urine/ RADIOIMMUNOASSAY/ REVIEW/ STRONTIUM ISOTOPES/ THYROCALCITONIN, metabolism

PITUITARY-ADRENAL FUNCTION

Semiquantitative estimation of urinary pregnanetriol, pregnanetriolone and tetrahydro S in the investigation of adrenocortical function. Thomas FJ, et al. **Acta Endocr (Kobenhavn)** 60:645-56, Apr 69
ADRENAL GLAND NEOPLASMS, complications/ ADRENOGENITAL SYNDROME, complications/ ADSORPTION/ ADULT/ CHEMISTRY, CLINICAL/ CHILD/ CHILD, PRESCHOOL/ *CUSHING'S SYNDROME, diagnosis/ ETHISTERONE/ FEMALE/ GLUCURONIDASE/ HERMAPHRODITISM, urine/ *HIRSUTISM, diagnosis/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ INFANT/ 17-KETOSTEROIDS, urine/ MAGNESIUM/ METHODS/ *PITUITARY-ADRENAL FUNCTION TESTS/ *PREGNANETRIOL, urine/ PUBERTY, PRECOCIOUS, urine/ SILICA/ *STEIN-LEVENTHAL SYNDROME, diagnosis/ TETRAZOLIUM SALTS

Quantitative estimation of urinary pregnanetriol, pregnanetriolone, tetrahydro S and delta-5-pregnenetriol in the investigation of adrenocortical function. Thomas FJ, et al.
Acta Endocr (Kobenhavn) 60:657-68, Apr 69
*ADRENOGENITAL SYNDROME, urine/ CHEMISTRY, CLINICAL/ CHILD/ CHILD, PRESCHOOL/ CHROMATOGRAPHY, PAPER/ CLITORIS, abnormalities/ CUSHING'S SYNDROME, urine/ FEMALE/ HIRSUTISM, urine/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ HYDROXYLASES/ INFANT/ INFANT, NEWBORN/ 17-KETOSTEROIDS, urine/ MALE/ METABOLISM, INBORN ERRORS/ METHODS/ *PITUITARY-ADRENAL FUNCTION TESTS/ *PREGNANETRIOL, urine/ SEX CHROMOSOME ABNORMALITIES, urine/ UROGENITAL SYSTEM, abnormalities

Effect of the median eminence of the pigeon (Columba livia domestica L.) on the regulation of adenohypophysial corticotropin secretion. Péczely P.
Acta Physiol Acad Sci Hung 35:47-57, 1969
ADRENAL GLANDS, physiology/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CORTICOTROPIN, analysis/ *CORTICOTROPIN, secretion/ FEMALE/ INSULIN, pharmacodynamics/ MALE/ METHODS/ *NERVE TISSUE/ PIGEONS/ PITUITARY-ADRENAL SYSTEM/ *PITUITARY GLAND, secretion/ PREDNISOLONE, pharmacodynamics/ RATS

A simplified metyrapone test with determination of plasma 11-deoxycortisol (Metyrapone test with plasma S). Meikle AW, et al. **J Clin Endocr** 29:985-7, Jul 69
ADRENAL GLAND HYPERFUNCTION, diagnosis/ ADRENAL GLAND HYPOFUNCTION, diagnosis/ ADRENAL GLAND NEOPLASMS, diagnosis/ BLOOD CHEMICAL ANALYSIS/ CHEMISTRY, CLINICAL/ CORTICOSTERONE, blood/ CORTISONE, blood/ CUSHING'S SYNDROME, diagnosis/ DESOXYCORTICOSTERONE, blood/ HUMAN/ HYDROCORTISONE, blood/ *17-HYDROXYCORTICOSTEROIDS, blood/ HYDROXYPROGESTERONE, blood/ HYPOPITUITARISM, diagnosis/ METHODS/ *METYRAPONE, diagnostic use/ *PITUITARY GLAND FUNCTION TESTS/ PROGESTERONE, blood/ PROTEIN BINDING/ *TRANSCORTIN/ TRITIUM

Studies on adrenal cortical function in patients with lung cancer. Kawai A, et al.
Metabolism 18:609-19, Jul 69
*ADRENAL GLANDS, physiopathology/ ADULT/ AGED/ CHEMISTRY, CLINICAL/ CORTICOTROPIN, diagnostic use/ CORTICOTROPIN, secretion/ DEXAMETHASONE, diagnostic use/ FEMALE/ HORMONES, ECTOPIC, secretion/ HUMAN/ HYDROCORTISONE, blood/ HYDROCORTISONE, urine/ 17-HYDROXYCORTICOSTEROIDS, urine/ *LUNG NEOPLASMS, physiopathology/ MALE/ METHODS/ MIDDLE AGE/ *PITUITARY-ADRENAL FUNCTION TESTS/ *PITUITARY-ADRENAL SYSTEM

Criteria for distinguishing normal from subnormal adrenocortical function using the Synacthen test. Greig WR, et al. **Postgrad Med J** 45:307-13, May 69
ADRENAL CORTEX HORMONES, blood/ ADRENAL GLAND DISEASES, diagnosis/ *CORTICOTROPIN, diagnostic use/ FEMALE/ FLUOROMETRY/ HUMAN/ MALE/ MIDDLE AGE/ *PITUITARY-ADRENAL FUNCTION TESTS

[Adrenal function test with Synacthen in children] Girard J, et al.
Schweiz Med Wschr 99:7-10, 4 Jan 69 **(Ger)**
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ *CORTICOTROPIN, diagnostic use/ FLUOROMETRY/ HUMAN/ *HYDROCORTISONE, blood/ METHODS/ *PITUITARY-ADRENAL FUNCTION TESTS/ STIMULATION, CHEMICAL

PITUITARY GLAND FUNCTION

Setting the stage. Crawford JD.
New Eng J Med 280:1475-6, 26 Jun 69
*ARGININE, diagnostic use/ FEMALE/ HUMAN/ MALE/ *PITUITARY GLAND FUNCTION TESTS, standards/ *SOMATOTROPIN, blood/ STIMULATION, CHEMICAL

Arginine-initiated release of human growth hormone. Factors modifying the response in normal man. Merimee TJ, et al. **New Eng J Med** 280:1434-8, 26 Jun 69
ADOLESCENCE/ ADULT/ ARGININE, administration & dosage/ BLOOD SUGAR, analysis/ BODY WEIGHT/ DIETHYLSTILBESTROL, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ EXERTION/ FEMALE/ HUMAN/ HYPERGLYCEMIA, blood/ INJECTIONS, INTRAVENOUS/ MALE/ METHYLTESTOSTERONE, pharmacodynamics/ *PITUITARY GLAND FUNCTION TESTS, standards/ SEX FACTORS/ *SOMATOTROPIN, blood/ STIMULATION, CHEMICAL

PITUITARY-THYROID FUNCTION

Two different types of goitrogen blockage: their importance in the neural control of the thyroid gland. Voloschin LM, et al.
Acta Physiol Lat Amer 17:234-46, 1967
ANIMAL EXPERIMENTS/ BODY WEIGHT/ *BRAIN, physiology/ EAR, MIDDLE, physiology/ *GOITER, chemically induced/ HYPERTROPHY/ HYPOTHALAMUS, physiology/ MALE/ METHODS/ ORGAN WEIGHT/ RATS/ *THIOURACIL/ *THYROID GLAND, physiology/ THYROTROPIN, secretion

Effect of triiodothyronine administration on serum PBI in hypothyroid patients maintained on constant doses of thyroxine. Farmer TA Jr, et al.
J Clin Endocr 29:781-5, Jun 69
BASAL METABOLISM, drug effects/ *BLOOD PROTEINS/ HUMAN/ *IODINE, blood/ *MYXEDEMA, blood/ MYXEDEMA, drug therapy/ PROTEIN BINDING/ THYROID GLAND FUNCTION TESTS/ *THYROXINE, therapeutic use/ *TRIIODOTHYRONINE, therapeutic use

A simplified method for estimating free-thyroxine fraction in serum. Cavalieri RR, et al.
J Nucl Med 10:565-70, Sep 69
HUMAN/ IODINE ISOTOPES/ METHODS/ POLYSACCHARIDES/ TEMPERATURE/ THYROID DISEASES, blood/ *THYROID GLAND FUNCTION TESTS/ *THYROXINE, blood/ THYROXINE-BINDING PROTEIN/ TIME FACTORS

Extra-thyroidal neck radioactivity. Myhill J.
J Nucl Med 10:52, Jan 69
HUMAN/ *IODINE ISOTOPES, DIAGNOSTIC, metabolism/ KIDNEY, metabolism/ METHODS/ *RADIOACTIVITY/ THYROID GLAND, metabolism/ *THYROID GLAND FUNCTION TESTS

Thyroid testing during drug administration. Myhill J.
Med J Aust 1:422-4, 22 Feb 69
CARBIMAZOLE, pharmacodynamics/ *ESTROGENS, pharmacodynamics/ HUMAN/ *IODINE, pharmacodynamics/ IODINE ISOTOPES, DIAGNOSTIC/ PROPYLTHIOURACIL, pharmacodynamics/ PROTEIN-BOUND IODINE TEST/ PSYCHOPHARMACOLOGY/ *THYROID ANTAGONISTS, pharmacodynamics/ *THYROID GLAND, drug effects/ THYROID GLAND, metabolism/ *THYROID GLAND FUNCTION TESTS/ TRIIODOTHYRONINE, metabolism

A thyro-binding index kit test of thyroid function. An evaluation and modification. Oldfield RK, et al.
Techn Bull Regist Med Techn 39:134-8, Jun 69
*BLOOD PROTEINS/ HUMAN/ METHODS/ PROTEIN BINDING/ *THYROID GLAND FUNCTION TESTS/ *THYROID HORMONES, blood

Survey of T3 methods of thyroid function. Pain RW, et al. **Techn Bull Regist Med Techn** 39:139-41, Jun 69
HUMAN/ METHODS/ *THYROID GLAND FUNCTION TESTS/ *TRIIODOTHYRONINE, blood

[Evolution of iodine uptake, PBI-131, PBI-127 and clinical symptoms following administration of triiodothyronine to subjects with hyperthyroidism caused by diffuse thyroid hyperplasia. Role of the lymphatic system and LATS in the effect of Graves disease stimulation] Mahaux JE, et al.
Ann Endocr (Paris) 29:483-95, Jul-Aug 68 **(Fre)**
AGED/ *BLOOD PROTEINS/ GOITER, EXOPHTHALMIC, etiology/ *GOITER, EXOPHTHALMIC, physiopathology/ HUMAN/ IMIDAZOLES, therapeutic use/ *IODINE, blood/ IODINE, metabolism/ IODINE ISOTOPES, DIAGNOSTIC/ LONG-ACTING THYROID STIMULATOR, physiology/ LYMPHATIC SYSTEM, immunology/ METHIMAZOLE, therapeutic use/ MIDDLE AGE/ PROTEIN BINDING/ RADIOISOTOPE SCANNING/ THYROID GLAND FUNCTION TESTS/ *TRIIODOTHYRONINE, diagnostic use

[Improved method of the I-131 triiodothyronine test] Ganster H, et al. **Med Welt** 5:266-7, 1 Feb 69 **(Ger)**
HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ METHODS/ *THYROID GLAND FUNCTION TESTS/ *TRIIODOTHYRONINE, diagnostic use

[Studies of the 131-I dynamics in various disorders of iodine metabolism] Grebe SF.
Nuclearmedizin 8:61-74, 15 Apr 69 **(Ger)**
ADENOMA, blood/ *ADENOMA, metabolism/ ENGLISH ABSTRACT/ HUMAN/ HYPERTHYROIDISM, blood/ *HYPERTHYROIDISM, metabolism/ HYPOTHYROIDISM, blood/ *HYPOTHYROIDISM, metabolism/ *IODINE, metabolism/ IODINE ISOTOPES, DIAGNOSTIC, blood/ IODINE ISOTOPES, DIAGNOSTIC, metabolism/ METHODS/ MYXEDEMA, blood/ *MYXEDEMA, metabolism/ PROTEIN-BOUND IODINE TEST/ *THYROID GLAND, metabolism/ THYROID GLAND FUNCTION TESTS/ THYROID NEOPLASMS, blood/ *THYROID NEOPLASMS, metabolism

[Condition of thyroid gland and iodine metabolism in the patients with myasthenia] Kotliarov EV, et al.
Med Radiol (Moskva) 12:9-14, Dec 67 **(Rus)**
ADOLESCENCE/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *IODINE, metabolism/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ MIDDLE AGE/ *MYASTHENIA GRAVIS, metabolism/ *THYROID GLAND, physiopathology/ *THYROID GLAND FUNCTION TESTS

[Rational method of calculation of factor F in determination of functional status of thyroid gland by means of I-131-tyroxin] Modestov VK, et al.
Med Radiol (Moskva) 12:81, Dec 67 **(Rus)**
*BLOOD PROTEIN ELECTROPHORESIS/ HUMAN/ MATHEMATICS/ METHODS/ *SERUM ALBUMIN, RADIO-IODINATED, diagnostic use/ *THYROID GLAND FUNCTION TESTS

Changing normal values for thyroidal radioiodine uptake. Pittman JA Jr, et al.
New Eng J Med 280:1431-4, 26 Jun 69
ALABAMA/ BLOOD PROTEINS, analysis/ BREAD/ FOOD ANALYSIS/ FOOD-PROCESSING INDUSTRY/ HUMAN/ IODIDES, blood/ IODINE, analysis/ *IODINE, metabolism/ IODINE, urine/ IODINE ISOTOPES, DIAGNOSTIC/ KIDNEY, metabolism/ PROTEIN BINDING/ PROTEIN-BOUND IODINE TEST/ *THYROID GLAND, metabolism/ *THYROID GLAND FUNCTION TESTS, standards

The changing iodide-uptake test. Stanbury JB.
New Eng J Med 280:1474-5, 26 Jun 69
BREAD/ FOOD ANALYSIS/ HUMAN/ HYPERTHYROIDISM, etiology/ IODINE, analysis/ *IODINE, metabolism/ IODINE ISOTOPES, DIAGNOSTIC/ *THYROID GLAND, metabolism/ *THYROID GLAND FUNCTION TESTS, standards

METHOD SECTION

PROTEIN-BOUND IODINE TEST

Oxygen flask decomposition of blood serum: application to PBI determination. Zaroda RA. Clin Chem 15:555-65, Jul 69
ARSENIC/ AUTOANALYSIS/ CERIUM/ COLORIMETRY/ COMPARATIVE STUDY/ HUMAN/ METHODS/ *OXYGEN/ *PROTEIN-BOUND IODINE TEST

Determination of hormonal radioiodine in serum with a cation exchange resin. Wiener JD, et al. J Nucl Med 9:601-3, Dec 68
AMINO ACIDS, blood/ HUMAN/ HYPERTHYROIDISM, diagnosis/ IODINE ISOTOPES, DIAGNOSTIC, blood/ *ION EXCHANGE RESINS/ METHODS/ *PROTEIN-BOUND IODINE TEST/ *THYROID HORMONES, blood/ THYROXINE, blood/ TRIIODOTHYRONINE, blood

SURGERY

ADRENALECTOMY

[On the method of adrenalectomy in rabbits for obtaining chronic adrenal insufficiency] Sveshnikov AA, et al.
Pat Fiziol Eksp Ter 11:77-8, May-Jun 67 (Rus)
*ADRENAL GLAND HYPOFUNCTION/ *ADRENALECTOMY/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ METHODS/ MODELS, BIOLOGIC/ RABBITS

THYROIDECTOMY

[Evolution of anesthetic methods in surgery of the thyroid gland. (Clinico-statistical study)] Pollazzon G, et al.
Acta Anaesth (Padova) 20:103-34, Jan-Feb 69 (Ita)
*ANESTHESIA/ ANESTHETICS, pharmacodynamics/ ENGLISH ABSTRACT/ HEART, drug effects/ HUMAN/ LIVER, drug effects/ METHODS/ NERVOUS SYSTEM, drug effects/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS/ *PREANESTHETIC MEDICATION/ PREOPERATIVE CARE/ RESPIRATORY SYSTEM, drug effects/ *THYROID DISEASES, surgery/ *THYROIDECTOMY

MISCELLANEOUS

Observations on the stereotaxic configuration of the hypothalamus nuclei in the sheep. Welento J, et al. Anat Anz 124:1-27, 1969
ANIMAL EXPERIMENTS/ FEMALE/ *HYPOTHALAMUS, anatomy & histology/ METHODS/ *SHEEP, anatomy & histology/ *STEREOTAXIC TECHNICS

A study of the heterogeneity of parathyroid hormone preparations. Lea DJ, et al. J Endocr 44:195-202, Jun 69
ANIMAL EXPERIMENTS/ ANTIGENS/ CATTLE/ ELECTROPHORESIS/ GEL FILTRATION/ HYDROCHLORIC ACID/ MERCAPTOETHANOL/ METHODS/ *PARATHYROID GLANDS, analysis/ *PARATHYROID HORMONE, analysis/ PHENOLS/ *TISSUE EXTRACTS, analysis/ UREA

An approach to developing adrenal-gland scanning. Nagai T, et al. J Nucl Med 9:576-81, Nov 68
ADRENAL GLAND NEOPLASMS, diagnosis/ *ADRENAL GLANDS/ ADRENAL GLANDS, metabolism/ ADULT/ ANIMAL EXPERIMENTS/ CHOLESTEROL, metabolism/ CUSHING'S SYNDROME, diagnosis/ FEMALE/ HUMAN/ HYPERALDOSTERONISM, diagnosis/ INJECTIONS/ IODINE ISOTOPES, DIAGNOSTIC/ METHODS/ MIDDLE AGE/ RADIOAUTOGRAPHY/ *RADIOISOTOPE SCANNING/ STEROLS, metabolism/ TRITIUM/ UTERINE NEOPLASMS

Estimation of thyroid uptake of 131-I from digitized scintiscan matrices. Tauxe WN. J Nucl Med 10:258-60, Jun 69
*COMPUTERS, DIGITAL/ HUMAN/ *IODINE ISOTOPES, DIAGNOSTIC, metabolism/ METHODS/ *RADIOISOTOPE SCANNING/ THYROID DISEASES, diagnosis/ *THYROID GLAND, metabolism

Localization of parathyroid adenomas by selective venous catheterization and radioimmunoassay. Reitz RE, et al. New Eng J Med 281:348-51, 14 Aug 69
ADENOMA, blood/ *ADENOMA, diagnosis/ ADENOMA, radiography/ ADENOMA, surgery/ ANIMAL EXPERIMENTS/ *CATHETERIZATION/ CATTLE/ HUMAN/ HYPERPARATHYROIDISM, diagnosis/ IMMUNE SERUMS/ INNOMINATE VEIN/ JUGULAR VEIN/ METHODS/ *PARATHYROID HORMONE, blood/ PARATHYROID NEOPLASMS, blood/ *PARATHYROID NEOPLASMS, diagnosis/ PARATHYROID NEOPLASMS, radiography/ PARATHYROID NEOPLASMS, surgery/ RADIOIMMUNOASSAY/ SUBCLAVIAN VEIN/ VENA CAVA, INFERIOR/ VENA CAVA, SUPERIOR

AUTHOR SECTION

A

1. **Aach R, Kissane J:** Massive ascites due to Meig's syndrome. Amer J Med 47:125-34, Jul 69
AGED/ ASCITES, etiology/ *ASCITES, pathology/ ASCITIC FLUID, pathology/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ LIVER FUNCTION TESTS/ MEIGS' SYNDROME, complications/ MEIGS' SYNDROME, diagnosis/ *MEIGS' SYNDROME, pathology/ SULFOBROMOPHTHALEIN, diagnostic use

2. **Aakvaag A:** Formation of steroid hormones in the porcine ovary in vitro. J Endocr 43:xxv-xxvi, Jan 69
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHLORMADINONE, pharmacodynamics/ FEMALE/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ *HYDROXYPROGESTERONE, biosynthesis/ IN VITRO/ *17-KETOSTEROIDS, biosynthesis/ *OVARY, metabolism/ PREGNENOLONE, metabolism/ *PROGESTERONE, biosynthesis/ PROGESTERONE, metabolism/ SWINE/ TISSUE CULTURE/ TRITIUM

3. **Aakvaag A:** Steroid formation in porcine ovarian tissue in vitro. Mode of biosynthesis of androstenedione. Acta Endocr (Kobenhavn) 60:621-34, Apr 69
*ANDROSTANES, biosynthesis/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHOLESTEROL, metabolism/ CHROMATOGRAPHY, GAS/ CRYSTALLIZATION/ FEMALE/ GRAAFIAN FOLLICLE, anatomy & histology/ IN VITRO/ *17-KETOSTEROIDS, biosynthesis/ *OVARY, metabolism/ PREGNENOLONE, isolation & purification/ *PREGNENOLONE, metabolism/ PROGESTERONE, isolation & purification/ *PROGESTERONE, metabolism/ SWINE/ TRITIUM

4. **Abate G, Allegro G, Descovich GC, et al:** Comportamento dei 17-chetosteroidi frazionati, glicurono e solfoconiugati, nella cirrosi epatica, in condizioni di base e dopo carico acuto di testosterone. Endocr Sci Cost 30:282-97, Apr 69 (Ita)
*ADRENAL GLANDS, physiopathology/ ADULT/ AGED/ HUMAN/ *17-KETOSTEROIDS, metabolism/ *LIVER CIRRHOSIS, physiopathology/ LIVER FUNCTION TESTS/ MIDDLE AGE/ PITUITARY-ADRENAL FUNCTION TESTS/ *TESTOSTERONE, pharmacodynamics

5. **Abate G, Allegro G, Montini T, et al:** Il cromatogramma steroideo nelle epatopatie acute itterigene. Endocr Sci Cost 30:252-63, Apr 69 (Ita)
ACUTE DISEASE/ *ADRENAL CORTEX HORMONES, urine/ *ADRENAL GLANDS, physiopathology/ ADULT/ *ANDROSTERONE, urine/ FEMALE/ HUMAN/ *JAUNDICE, complications/ *17-KETOSTEROIDS, urine/ *LIVER DISEASES, complications/ MALE

6. **Abdel-Aziz MT, Williams KI:** Metabolism of 17-alpha-ethynylestradiol and its 3-methyl ether by the rabbit; an in vivo D-homoannulation. Steroids 13:809-20, Jun 69
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHEMISTRY/ CHROMATOGRAPHY/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, THIN LAYER/ ESTRADIOL/ ESTROGENIC SUBSTANCES, CONJUGATED, urine/ ESTRONE/ *ETHINYL ESTRADIOL, metabolism/ ETHINYL ESTRADIOL, urine/ FEMALE/ GLUCURONATES/ HOMOSTEROIDS, isolation & purification/ *HOMOSTEROIDS, urine/ *MESTRANOL, metabolism/ METHYLATION/ MODELS, BIOLOGIC/ RABBITS/ TRITIUM

7. **Abdo MS, al-Janabi AS, al-Kafawi AA:** Studies on the ovaries of the female camel during the reproductive cycle and in conditio affected with cysts. Cornell Vet 59:418-25, Jul 69
*CAMELS, physiology/ CORPUS LUTEUM/ ESTRUS/ *OVARIAN CYSTS, veterinary/ PREGNANCY/ STERILITY, FEMALE, veterinary

8. **Abdou IA, Ali HE, Said AK, et al:** Incidence of nutritional deficiencies, goitre and dental caries among school children in Cairo. J Egypt Public Health Ass 42:175-84, 1967
ADOLESCENCE/ ADULT/ CHILD/ *DENTAL CARIES, occurrence/ EGYPT/ FEMALE/ *GOITER, occurrence/ HUMAN/ MALE/ *NUTRITION DISORDERS, occurrence/ *SCHOOLS

9. **Abdullin GZ:** O nervnykh vliianiiakh na deiatel'nost' kory nadpochechnikov. Fiziol Zh SSSR Sechenov 54:502-6, Apr 68 (Rus)
*ADRENAL GLANDS, innervation/ ANIMAL EXPERIMENTS/ CORTICOTROPIN, pharmacodynamics/ DENERVATION/ DOGS/ ENGLISH ABSTRACT/ MORPHINE, pharmacodynamics

10. **Abe K, Nicholson WE, Liddle GW, et al:** Normal and abnormal regulation of beta-msh in man. J Clin Invest 48:1580-5, Aug 69
ADDISON'S DISEASE, blood/ ADOLESCENCE/ ADRENAL GLAND DISEASES, blood/ ADRENAL GLAND NEOPLASMS, blood/ ADRENALECTOMY/ ADRENOGENITAL SYNDROME, blood/ ADULT/ ANEMIA, PERNICIOUS, blood/ CIRCADIAN RHYTHM/ CORTICOTROPIN, blood/ CORTICOTROPIN, pharmacodynamics/ CORTICOTROPIN, secretion/ CUSHING'S SYNDROME, blood/ DEXAMETHASONE, pharmacodynamics/ FEMALE/ HORMONES, ECTOPIC/ HUMAN/ HYPOPITUITARISM, blood/ HYSTERECTOMY/ METYRAPONE, pharmacodynamics/ MSH, analysis/ MSH, blood/ *MSH, secretion/ PIGMENTATION DISORDERS, blood/ RADIOIMMUNOASSAY/ STRESS, blood

11. **Abe T, Shimada S, Osako R:** Chronic runt disease in rats: clinical and pathologic studies. J Nat Cancer Inst 43:459-67, Aug 69
ANIMAL EXPERIMENTS/ BODY WEIGHT/ BONE MARROW, pathology/ HOMOLOGOUS WASTING DISEASE, drug therapy/ *HOMOLOGOUS WASTING DISEASE, pathology/ INJECTIONS, INTRAPERITONEAL/ LYMPH NODES, pathology/ METYRAPONE, therapeutic use/ ORGAN WEIGHT/ RATS/ SKIN, transplantation/ *SPLEEN, pathology/ SPLEEN, transplantation/ THYMUS GLAND, pathology/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY

12. **Abercrombie M, Stephenson EM:** Observations on chromocentres in cultured mouse cells. Nature (London) 222:1250-3, 28 Jun 69
ANIMAL EXPERIMENTS/ *CELL NUCLEUS/ CLONE CELLS/ *FIBROBLASTS, cytology/ MICE/ MICROSCOPY/ MITOSIS/ *SEX CHROMATIN/ STAINS AND STAINING/ TISSUE CULTURE

13. **Abizanda JM:** La cirugía de las glándulas endocrinas en el cáncer de mama. Acta Oncol (Madrid) 7:242-6, Jul-Dec 68 (Spa)
ADRENALECTOMY/ AGE FACTORS/ BREAST NEOPLASMS, radiotherapy/ *BREAST NEOPLASMS, surgery/ COMPARATIVE STUDY/ *ENDOCRINE GLANDS, surgery/ ENDOCRINE GLANDS, transplantation/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPOPHYSECTOMY/ *MASTECTOMY/ METHODS/ TRANSPLANTATION, AUTOLOGOUS

14. **Aboimasov NG:** Znachenie issledovaniia zubov dlia opredeleniia pola i vozrasta. Stomatologiia (Moskva) 48:78-9, May-Jun 69 (Rus)
ADULT/ *AGE DETERMINATION BY TEETH/ ENGLISH ABSTRACT/ *FORENSIC DENTISTRY/ HUMAN/ *SEX DETERMINATION/ *TOOTH, anatomy & histology

15. **Abraham GE:** Solid-phase radioimmunoassay of

estradiol-17 beta. J Clin Endocr 29:866-70, Jun 69
ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ *ESTRADIOL, analysis/ FEMALE/ HUMAN/ IMMUNE SERUMS/ IMMUNOASSAY/ MALE/ METHODS/ SHEEP/ TRITIUM

16. **Abraham GE, Klaiber EL, Broverman D:** Effect of a combination of norethynodrel and mestranol on plasma luteinizing hormone in normal women.
Amer J Obstet Gynec 104:1038-42, 1 Aug 69
ADULT/ FEMALE/ HUMAN/ *LH, blood/ MENSTRUATION/ *MESTRANOL, pharmacodynamics/ *NORETHYNODREL, pharmacodynamics/ RADIOIMMUNOASSAY/ STIMULATION, CHEMICAL

17. **Abramovich DR, Wade AP:** Transplacental passage of steroids: the presence of corticosteroids in amniotic fluid. J Obstet Gynaec Brit Comm 76:610-4, Jul 69
*ADRENAL CORTEX HORMONES, analysis/ ADULT/ *AMNIOTIC FLUID, analysis/ FEMALE/ GESTATIONAL AGE/ GLUCURONATES, analysis/ GLUCURONATES, blood/ HUMAN/ HYDROCORTISONE, analysis/ HYDROCORTISONE, blood/ HYDROCORTISONE, urine/ 17-HYDROXYCORTICOSTEROIDS, analysis/ 17-KETOSTEROIDS, analysis/ 17-KETOSTEROIDS, blood/ *MATERNAL-FETAL EXCHANGE/ MIDDLE AGE/ PREGNANCY/ SULFATES, analysis/ SULFATES, blood/ TRITIUM

18. **Abrams JD:** Transillumination of the fundus using the light coagulator. Trans Ophthal Soc UK 87:163-9, 1967
CHOROID NEOPLASMS, diagnosis/ EYE DISEASES, diagnosis/ FEMALE/ *FUNDUS OCULI/ HUMAN/ HYDATIDIFORM MOLE, diagnosis/ LIGHT COAGULATION, instrumentation/ MELANOMA, diagnosis/ METHODS/ MIDDLE AGE/ OPHTHALMOSCOPY/ RETINAL DETACHMENT, diagnosis/ RETINAL HEMORRHAGE, diagnosis/ *TRANSILLUMINATION/ TRANSILLUMINATION, instrumentation

19. **Abrams JS:** Role of steroids in the management of phagedenic ulcer. Surgery 66:297-303, Aug 69
CHOLECYSTECTOMY/ FEMALE/ GANGRENE/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ *PREDNISONE, therapeutic use/ *SKIN ULCER, drug therapy/ SKIN ULCER, microbiology/ STREPTOCOCCUS, isolation & purification

20. **Abucewicz S, Brodziński W:** Kosmówczak jajnika u 14-letniej dziewczynki.
Wiad Lek 22:949-50, 15 May 69 (Pol)
ADOLESCENCE/ CASE REPORT/ *CHORIOCARCINOMA/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *OVARIAN NEOPLASMS

21. **Accigliaro G:** Un caso di tumore desmoide in una donna di razza Bantù. Minerva Ginec 19:890-4, 15 Sep 67 (Ita)
*ABDOMINAL NEOPLASMS, pathology/ ABDOMINAL NEOPLASMS, surgery/ ADULT/ FEMALE/ FIBROMA, etiology/ *FIBROMA, pathology/ FIBROMA, surgery/ FOLLOW-UP STUDIES/ HUMAN/ NEGROID RACE/ OVARIAN NEOPLASMS, diagnosis

22. **Acevedo HF, Vela BA, Campbell EA, et al:** Urinary steroid profile in threatened abortion.
Amer J Obstet Gynec 104:964-72, 1 Aug 69
ABORTION, THREATENED, diagnosis/ *ABORTION, THREATENED, urine/ AUTOANALYSIS/ CHROMATOGRAPHY, GAS/ *ESTROGENS, urine/ FEMALE/ GESTATIONAL AGE/ HUMAN/ PREGNANCY/ *PREGNANEDIOL, urine/ *PREGNANES, urine/ *PREGNANETRIOL, urine

23. **Acevedo y Pérez Salaza, García G, Oviedo Rodríguez A:** Pruebas de coagulación sanguínea durante el empleo de la microdosis continua de acetato de clormadinona.
Ginec Obstet Mex 24:211-5, Feb 69 (Spa)
*BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ *CHLORMADINONE, administration & dosage/ ENGLISH ABSTRACT/ FEMALE/ HUMAN

24. **Ackrill P, Hornby R, Thomas S:** Responses of Rana temporaria and Rana esculenta to prolonged exposure to a saline environment.
Comp Biochem Physiol 28:1317-29, Mar 69
ADAPTATION, PHYSIOLOGICAL/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ BLADDER, physiology/ ENVIRONMENTAL EXPOSURE/ *FROGS/ MEMBRANE POTENTIALS/ OSMOLAR CONCENTRATION/ *OSMOSIS/ SODIUM, blood/ *SODIUM CHLORIDE, pharmacodynamics/ UREA, blood/ UREA, urine/ VASOPRESSIN, pharmacodynamics/ WATER-ELECTROLYTE BALANCE

25. **Adams AE:** Fernwirkungen maligner Tumoren am Nervensystem.
Psychiat Neurol Med Psychol (Leipzig) 20:312-8, Aug 68 (Ger)
AMYOTROPHIC LATERAL SCLEROSIS, diagnosis/ BRAIN DISEASES, diagnosis/ *BRAIN DISEASES, etiology/ BRONCHIAL NEOPLASMS, complications/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MUSCULAR ATROPHY, diagnosis/ *MUSCULAR ATROPHY, etiology/ *MYASTHENIA GRAVIS, etiology/ *NEOPLASMS, complications/ OVARIAN NEOPLASMS, complications/ *PERIPHERAL NERVE DISEASES, etiology/ THYMUS NEOPLASMS, complications

26. **Adams CE:** Intraperitoneal insemination in the rabbit.
J Reprod Fertil 18:333-9, Mar 69
ANIMAL EXPERIMENTS/ FEMALE/ FERTILIZATION/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ INJECTIONS, INTRAPERITONEAL/ *INSEMINATION, ARTIFICIAL/ MALE/ METHODS/ NIDATION/ OVULATION, drug effects/ RABBITS/ TIME FACTORS

27. **Adams DD, Kennedy TH, Purves HD:** Comparison of the thyroid-stimulating hormone content of serum from thyrotoxic and euthyroid people.
J Clin Endocr 29:900-3, Jul 69
ANIMAL EXPERIMENTS/ AUTOIMMUNE DISEASES/ HUMAN/ *HYPERTHYROIDISM, blood/ HYPERTHYROIDISM, immunology/ IODINE ISOTOPES, DIAGNOSTIC/ MICE/ MYXEDEMA, blood/ *THYROTROPIN, blood

28. **Adams HD:** Essentials in diagnosing and treating hyperparathyroidism. Postgrad Med 45:119-24, Apr 69
HUMAN/ *HYPERPARATHYROIDISM, diagnosis/ HYPERPARATHYROIDISM, surgery/ *HYPERPARATHYROIDISM, therapy/ PHOSPHORUS, blood/ PHOSPHORUS, urine/ POSTOPERATIVE COMPLICATIONS/ THYROIDECTOMY

29. **Adamsons K, Blumberg E, Joelsson I:** The effect of ambient temperature upon post-natal changes in oxygen consumption of the guinea-pig.
J Physiol (London) 202:261-9, Jun 69
ADIPOSE TISSUE, metabolism/ ADRENAL GLANDS/ AGE FACTORS/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ *BODY TEMPERATURE REGULATION/ BODY WEIGHT/ BROWN FAT, metabolism/ COLD/ GUINEA PIGS/ ORGAN WEIGHT/ *OXYGEN CONSUMPTION/ *PROGESTERONE, pharmacodynamics/ *TEMPERATURE/ THYROID GLAND

30. **Adeloye A, Odeku EL:** Metastatic neoplasms of the brain in Nigeria. Brit J Cancer 23:340-8, Jun 69
ADULT/ *BRAIN NEOPLASMS, occurrence/ BRAIN NEOPLASMS, pathology/ BREAST NEOPLASMS/ CHILD/ CHORIOCARCINOMA/ FEMALE/ HUMAN/ KIDNEY NEOPLASMS/ LIVER NEOPLASMS/ LUNG NEOPLASMS/ MALE/ MIDDLE AGE/ NEGROES/ NEOPLASM METASTASIS/ NIGERIA/ PREGNANCY/ UTERINE NEOPLASMS

31. **Adham N, Schenk EA:** Autonomic innervation of the rat

vagina, cervix, and uterus and its cyclic cariation.
Amer J Obstet Gynec 104:508-16, 15 Jun 69
ACETYLCHOLINESTERASE, analysis/ ANIMAL EXPERIMENTS/ *AUTONOMIC NERVOUS SYSTEM/ AUTONOMIC NERVOUS SYSTEM, physiology/ *CERVIX UTERI, innervation/ *ESTRUS/ MUCOUS MEMBRANE, innervation/ MUSCLE, SMOOTH/ NOREPINEPHRINE, analysis/ PERIODICITY/ RATS/ *UTERUS, innervation/ *VAGINA, innervation

32. **Adham NF, Chakmakjian ZH, Mehl JW, et al:** Human growth hormone and alpha-2-macroglobulin: a study of binding. Arch Biochem 132:175-83, Jun 69
CHROMATOGRAPHY, PAPER/ ELECTROPHORESIS/ GEL FILTRATION/ HUMAN/ IODINE ISOTOPES/ *MACROGLOBULINS, metabolism/ MATHEMATICS/ PAPER/ PROTEIN BINDING/ RADIOAUTOGRAPHY/ *SOMATOTROPIN, metabolism/ STARCH

33. **Adhikary PM, Harkness RA:** Production of the parent hydrocarbons from steroid drugs and their separation by gas chromatography.
J Chromatogr 42:29-38, 3 Jun 69
*ANABOLIC STEROIDS, analysis/ CATALYSIS/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ OXIDATION-REDUCTION/ *PROGESTATIONAL HORMONES, analysis

34. **Adlin V, Channick BJ, Marks AD:** Salivary sodium-potassium ratio and plasma renin activity in hypertension. Circulation 39:685-92, May 69
ADENOMA, complications/ ADRENAL GLAND NEOPLASMS, complications/ ADULT/ ALDOSTERONE, urine/ DIET, SALT-FREE/ FEMALE/ HUMAN/ *HYPERTENSION, metabolism/ MALE/ POTASSIUM, blood/ *POTASSIUM, metabolism/ *RENIN, secretion/ *SALIVA, analysis/ SODIUM, blood/ *SODIUM, metabolism/ SODIUM, urine/ *WATER-ELECTROLYTE BALANCE

35. **Adrogue HJ, Roncoroni AJ:** Secreción inadecuada de hormona antidiurética en un paciente portador de una neumopatía crónica severa con secuela de tuberculosis.
Medicina (B Air) 29:119-26, Mar-Apr 69 (Spa)
AGED/ *BRONCHIAL DISEASES, complications/ ENGLISH ABSTRACT/ HUMAN/ *LUNG DISEASES, complications/ MALE/ *VASOPRESSIN, secretion

36. **Agostinis G:** Sindrome di Sheehan a seguito di gravisssmo shock emorragico da rottura della arteria splenica in gravidanza: considerazioni patogenetiche e terapeutiche rianimatorie.
Acta Anaesth (Padova) 20:187-93, Jan-Feb 69 (Ita)
ADULT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPOPITUITARISM, etiology/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ RUPTURE/ SHEEHAN'S SYNDROME, etiology/ *SHOCK, HEMORRHAGIC/ *SPLENIC ARTERY

37. **Agran MR, Kratzman EA, Lazorek MM:** Pheochromocytoma: intra and extra adrenal. A report of two cases. J Med Soc New Jersey 66:274-6, Jun 69
*ADRENAL GLAND NEOPLASMS/ ADULT/ FEMALE/ HUMAN/ MIDDLE AGE/ *PHEOCHROMOCYTOMA

38. **Aguiló F Jr, Vega LA, Haddock L, et al:** Diabetes insipidus syndrome in hypopituitarism of pregnancy. Case report and a critical review of the literature.
Acta Endocr (Kobenhavn) 60:Suppl 137:1+, 1969
ADULT/ AGE FACTORS/ *BEHAVIOR, ANIMAL/ CASE REPORT/ *DIABETES INSIPIDUS, complications/ DIABETES INSIPIDUS, etiology/ FEMALE/ HEADACHE/ HEMORRHAGE, POSTPARTUM/ HUMAN/ HYPERTONIC SOLUTIONS, diagnostic use/ *HYPOPITUITARISM, complications/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiopathology/ KIDNEY, physiopathology/ NECROSIS/ OSMOLAR CONCENTRATION/ OXYTOCIN, physiology/ PARITY/ *PUERPERAL DISORDERS, complications/ SHEEHAN'S SYNDROME, complications/ VASOPRESSIN, diagnostic use/ VASOPRESSIN, secretion/ WATER-ELECTROLYTE BALANCE

39. **Ahlgren P, Fog J:** Atlanto-epistrophical subluxation in rheumatoid arthritis.
Acta Rheum Scand 14:210-21, 1968
ADULT/ AGED/ *ARTHRITIS, RHEUMATOID, radiography/ ATLANTO-OCCIPITAL JOINT, radiography/ *ATLAS, injuries/ ATLAS, radiography/ AXIS, radiography/ *CERVICAL VERTEBRAE, radiography/ *DISLOCATIONS, radiography/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ OSSIFICATION, PATHOLOGIC, radiography/ OSTEOPOROSIS, radiography/ TOMOGRAPHY

40. **Ahluwalia B, Shaikh A, Shima S:** Changes in the lipid composition of anterior hypophysis, blood plasma and liver. II. Histological changes in the anterior hypophysis; in the foetus and its dam in the bovine.
J Reprod Fertil 18:391-8, Apr 69
ANIMAL EXPERIMENTS/ ARACHIDONIC ACID, analysis/ CATTLE/ FATTY ACIDS, analysis/ FATTY ACIDS, ESSENTIAL, analysis/ FEMALE/ *FETUS, anatomy & histology/ LINOLEIC ACID, analysis/ *LIPIDS, analysis/ *LIPIDS, blood/ *LIVER, analysis/ OLEIC ACID, analysis/ PHOSPHOLIPIDS, analysis/ *PITUITARY GLAND, analysis/ *PITUITARY GLAND, anatomy & histology/ PREGNANCY/ *PREGNANCY, ANIMAL

41. **Ahmad N, Lyons WR, Papkoff H:** Maintenance of gestation in hypophysectomized rats with highly purified pituitary hormones.
Anat Rec 164:291-303, Jul 69
ANIMAL EXPERIMENTS/ FEMALE/ GONADOTROPINS, EQUINE, pharmacodynamics/ *GONADOTROPINS, PITUITARY, pharmacodynamics/ HYPOPHYSECTOMY/ INJECTIONS, SUBCUTANEOUS/ OVARY, anatomy & histology/ *PITUITARY GLAND, physiology/ PREGNANCY/ *PREGNANCY, ANIMAL, drug effects/ RATS

42. **Ahmad N, Lyons WR, Ellis S:** Luteotrophic activity of rat hypophysial mammotrophin.
Endocrinology 85:378-80, Aug 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ *CORPUS LUTEUM, drug effects/ CROP, AVIAN, drug effects/ DECIDUA/ ENDOMETRIUM, anatomy & histology/ FEMALE/ PIGEONS/ PREGNANCY/ *PROLACTIN, pharmacodynamics/ PROLACTIN, standards/ PSEUDOPREGNANCY/ RATS

43. **Ahn C8, Athans JC, Rosenberg IN:** Stimulation of thyroid hormone secretion by dibutyryl cyclic-AMP.
Endocrinology 85:224-30, Aug 69
*ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, physiology/ ANIMAL EXPERIMENTS/ CAROTID ARTERIES/ DOGS/ IODINE ISOTOPES/ MALE/ SECRETORY RATE/ STIMULATION, CHEMICAL/ THEOPHYLLINE, pharmacodynamics/ THYROID GLAND, blood supply/ THYROID GLAND, drug effects/ *THYROID GLAND, secretion/ THYROID HORMONES, blood/ *THYROID HORMONES, secretion/ THYROTROPIN, physiology/ VEINS

44. **Ahuja MM, Chopra IJ, Sridhar CB:** Sporadic cretinism and juvenile hypothyroidism.
Metabolism 18:488-96, Jun 69
ADOLESCENCE/ BODY WEIGHT/ CHILD/ CHILD, PRESCHOOL/ CHOLESTEROL, blood/ *CRETINISM, etiology/ FEMALE/ HUMAN/ HYPOTHYROIDISM, congenital/ HYPOTHYROIDISM, drug therapy/ *HYPOTHYROIDISM, etiology/ INFANT/ MALE/ MENTAL RETARDATION, etiology/ PROTEIN-BOUND IODINE TEST/ THYROID DISEASES, familial & genetic/ THYROID GLAND, abnormalities/ THYROID HORMONES, therapeutic use

45. **Aillet J:** Equilibre acido-basique de l'organisme. Généralités. Definitions et mécanisme physiologique.
Anesth Analg (Paris) 26:11-23, Jan-Feb 69 **(Fre)**
*ACID-BASE EQUILIBRIUM/ ACIDOSIS, metabolism/ ALKALOSIS, metabolism/ AMMONIA, urine/ BICARBONATES, blood/ BICARBONATES, urine/ BUFFERS/ CARBON DIOXIDE, blood/ CARBONIC ANHYDRASE, physiology/ CHLORINE, analysis/ HEMOGLOBIN, physiology/ HUMAN/ *HYDROGEN-ION CONCENTRATION/ HYPERCALCEMIA, metabolism/ KIDNEY TUBULES, physiology/ PHOSPHATES, urine/ POTASSIUM, analysis/ RESPIRATION

46. **Aillet J:** Choc endotoxinique.
Anesth Analg (Paris) 25:603-23, Nov-Dec 68 **(Fre)**
AEROBACTER AEROGENES/ ANTIBIOTICS, adverse effects/ CROSS INFECTION, complications/ DEXTRAN, therapeutic use/ DRUG RESISTANCE, MICROBIAL/ *ESCHERICHIA COLI/ HUMAN/ HYDROCORTISONE, therapeutic use/ ISOPROTERENOL, therapeutic use/ MANNITOL, therapeutic use/ PHENOXYBENZAMINE, therapeutic use/ *PROTEUS/ PSEUDOMONAS AERUGINOSA/ SHOCK, ENDOTOXIC, occurrence/ *SHOCK, ENDOTOXIC, physiopathology/ SHOCK, ENDOTOXIC, therapy/ SURGERY, MINOR, adverse effects/ TROMETHAMINE, therapeutic use

47. **Ainamo J, Alvesalo L:** Periodontal conditions in a Finnish rural population.
Acta Odont Scand 26:489-500, Dec 68
ADOLESCENCE/ ADULT/ AGED/ AGING/ CHILD/ *DENTAL CALCULUS, occurrence/ DENTAL HEALTH SURVEYS/ DENTAL PROSTHESIS/ FEMALE/ FINLAND/ GINGIVITIS, occurrence/ *HEALTH SURVEYS/ HUMAN/ MALE/ MIDDLE AGE/ *PERIODONTAL DISEASES, occurrence/ PERIODONTAL INDEX/ PUBERTY/ RURAL POPULATION/ SEX FACTORS

48. **Ainsworth P, Davies PA:** The single umbilical artery: a five-year survey.
Develop Med Child Neurol 11:297-302, Jun 69
ABNORMALITIES, occurrence/ ABNORMALITIES, MULTIPLE, occurrence/ CARDIOVASCULAR SYSTEM, abnormalities/ CENTRAL NERVOUS SYSTEM, abnormalities/ ENDOCRINE GLANDS, abnormalities/ FEMALE/ GASTROINTESTINAL SYSTEM, abnormalities/ HUMAN/ INFANT MORTALITY/ INFANT, NEWBORN/ MALE/ MUSCULOSKELETAL SYSTEM, abnormalities/ RESPIRATORY SYSTEM, abnormalities/ SEX FACTORS/ SKIN, abnormalities/ *UMBILICAL ARTERIES, abnormalities/ UROGENITAL SYSTEM, abnormalities

49. **Aizawa Y:** [Light absorption analysis. 1. Fluorometric analysis] Clin Endocr (Tokyo) 17:217-21, Mar 69 **(Jap)**
*ESTROGENS, urine/ *FLUOROMETRY

50. **Aizicovici H, Gheiberg SA, Freund S, et al:** Influence de l'association de l'acide ascorbique avec d'autres vitamines sur le niveau de l'ascorbinémie.
Int Z Vitaminforsch 39:74-85, 1969 **(Fre)**
ADOLESCENCE/ *ASCORBIC ACID, blood/ *ASCORBIC ACID, therapeutic use/ CHILD/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ NICOTINAMIDE, therapeutic use/ RIBOFLAVIN, therapeutic use/ STIMULATION, CHEMICAL/ THIAMINE, therapeutic use/ VITAMIN A, therapeutic use/ VITAMIN D, therapeutic use/ *VITAMINS, therapeutic use

51. **Ajzen H, Cipullo JP, Andrade U, et al:** Determinação da atividade da renina em indivíduos normais e pacientes hipertensos. Arq Brasil Cardiol 22:15-8, Feb 69 **(Por)**
ANGIOTENSIN, blood/ ENGLISH ABSTRACT/ HUMAN/ *HYPERTENSION, enzymology/ NEPHROTIC SYNDROME, enzymology/ *RENIN, blood

52. **Ajzen H, Woods JW:** Blood pressure responses to angiotensin II following aldosterone and adrenalectomy. Acta Physiol Lat Amer 17:131-6, 1967
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ *ALDOSTERONE, pharmacodynamics/ *ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLOOD PRESSURE, drug effects/ CORTISONE, pharmacodynamics/ DESOXYCORTICOSTERONE, pharmacodynamics/ DOGS

53. **Akasu F:** [Ovarian function tests]
Jap J Clin Med 27:301-5, Feb 69 **(Jap)**
BODY TEMPERATURE/ FEMALE/ GONADOTROPINS, urine/ HUMAN/ MENSTRUATION/ METHODS/ *OVARY, physiology

54. **Akasu F, Honma J, Minami M:** The use of cytostatic drugs in the treatment of trophoblastic neoplasia.
Acta Obstet Gynaec Jap 16:108-17, Apr 69
*ANTINEOPLASTIC AGENTS, therapeutic use/ CHORIOCARCINOMA, drug therapy/ GONADOTROPINS, urine/ HUMAN/ *TROPHOBLASTIC TUMOR, drug therapy/ TROPHOBLASTIC TUMOR, mortality/ TROPHOBLASTIC TUMOR, surgery

55. **Akram H, Weniger JP:** Féminisation, en culture in vitro, du tesicule embryonnaire de poulet par le testicule embryonnaire de veau.
Arch Anat Micr Morph Exp 57:369-78, Oct-Dec 68 **(Fre)**
ANIMAL EXPERIMENTS/ CATTLE/ CATTLE, embryology/ CHICK EMBRYO/ ENGLISH ABSTRACT/ ESTRADIOL, biosynthesis/ ESTRONE, biosynthesis/ KIDNEY, embryology/ MULLERIAN DUCTS, embryology/ *SEX DIFFERENTIATION DISORDERS/ TESTICULAR FEMINIZATION/ TESTIS, cytology/ *TESTIS, embryology/ TESTOSTERONE, secretion/ TISSUE CULTURE

56. **Albanese AA:** Nutritional and metabolic effects of anabolic steroids and corticosteroids.
J Amer Med Wom Ass 24:123-40, Feb 69 (99 ref.)
*ADRENAL CORTEX HORMONES, metabolism/ AGE FACTORS/ AMINO ACIDS, metabolism/ *ANABOLIC STEROIDS, metabolism/ ANIMAL EXPERIMENTS/ CALORIMETRY/ DIETARY CARBOHYDRATES, metabolism/ DIETARY FATS, metabolism/ DIETARY PROTEINS, metabolism/ HUMAN/ IMMOBILIZATION/ NITROGEN, metabolism/ OXYGEN CONSUMPTION/ REVIEW/ STRESS/ WOUNDS AND INJURIES

57. **Albert DJ, Storlien LH:** Hyperphagia in rats with cuts between the ventromedial and lateral hypothalamus.
Science 165:599-600, 8 Aug 69
ANIMAL EXPERIMENTS/ BODY WEIGHT/ BRAIN MAPPING/ EATING/ *FEEDING BEHAVIOR/ FEMALE/ HYPOTHALAMUS, anatomy & histology/ *HYPOTHALAMUS, surgery/ MODELS, NEUROLOGIC/ RATS

58. **Albrecht E, Albrecht H:** Metabolism and hematology at high altitude and the effect of drugs on acclimatization. Fed Proc 28:1118-23, May-Jun 69
*ACCLIMATIZATION, drug effects/ ALANINE AMINOTRANSFERASE, blood/ ALDOLASE, blood/ *ALTITUDE/ *ANDROSTANES, pharmacodynamics/ CREATINE KINASE, blood/ HEMATOCRIT/ HEMOGLOBINOMETRY/ HUMAN/ 17-KETOSTEROIDS, urine/ LACTATE DEHYDROGENASE, blood/ POTASSIUM, blood/ PROTHROMBIN TIME/ SODIUM, blood/ TISSUE EXTRACTS, pharmacodynamics/ *VITAMINS, pharmacodynamics

59. **Albrecht H, Albrecht E:** Ergometric, rheographic, reflexographic, and electrocardiographic tests at altitude and effect of drugs on human physical performance. Fed Proc 28:1262-7, May-Jun 69
*ACCLIMATIZATION, drug effects/ ACHILLES TENDON, physiology/ ADOLESCENCE/ ADULT/ *ALTITUDE/ ANDROSTANES, pharmacodynamics/ ELECTROCARDIOGRAPHY/ EXERTION/ HUMAN/ PLETHYSMOGRAPHY,

IMPEDANCE/ REFLEX/ VITAMINS, pharmacodynamics/ WORK

60. **Albrink MJ:** Chorionic gonadotropin and obesity?
Amer J Clin Nutr 22:681-5, Jun 69
BODY WEIGHT, drug effects/ CHRONIC DISEASE/ *DIET, REDUCING/ *GONADOTROPINS, CHORIONIC, therapeutic use/ HUMAN/ *OBESITY, drug therapy/ TIME FACTORS

61. **Aleksandrova NI:** Diéntsefal'nyĭ (gipotalamicheskiĭ) sindrom pri revmatizme u deteĭ.
Pediatriia 47:39-42, May 68 **(Rus)**
CHILD/ CHILD, PRESCHOOL/ *ENDOCRINE DISEASES, etiology/ FEMALE/ HUMAN/ *HYPOTHALAMUS/ MALE/ *RHEUMATIC FEVER, complications

62. **Alekseeva VS, Bragina NN, Vikhert TM:** Narusheniia vegetativnoĭ innervatsii pri opukholiakh mozga sredinno-bazal'noĭ lokalizatsii.
Vop Neirokhir 32:10-3, Nov-Dec 68 **(Rus)**
*AUTONOMIC DYSFUNCTION, etiology/ *BRAIN NEOPLASMS, physiopathology/ BRAIN NEOPLASMS, surgery/ *CEREBRAL VENTRICLE NEOPLASMS, physiopathology/ CEREBRAL VENTRICLE NEOPLASMS, surgery/ *CRANIOPHARYNGIOMA, physiopathology/ CRANIOPHARYNGIOMA, surgery/ *FRONTAL LOBE/ FRONTAL LOBE, surgery/ HUMAN/ *LIMBIC SYSTEM, physiopathology/ LIMBIC SYSTEM, surgery/ *MENINGIOMA, physiopathology/ MENINGIOMA, surgery/ *TEMPORAL LOBE/ TEMPORAL LOBE, surgery/ *THALAMUS, physiopathology/ THALAMUS, surgery

63. **Alescio T, Moscona AA:** Immunochemical evidence for enzyme synthesis in the hormonal induction of glutamine synthetase in embryonic retina in culture.
Biochem Biophys Res Commun 34:176-82, 27 Jan 69
ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS/ CARBON ISOTOPES/ CHICK EMBRYO/ CULTURE MEDIA/ *ENZYME INDUCTION/ GLUTAMINE/ HYDROCORTISONE, pharmacodynamics/ IN VITRO/ *LIGASES, biosynthesis/ RABBITS/ *RETINA, metabolism/ SHEEP

64. **Aleutskiĭ NN:** K voprosu o vliianii tetratsiklinov na soderzhanie katekholaminov v organizme krolikov i krys. Antibiotiki 14:347-51, Apr 69 **(Rus)**
*ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ *CATECHOLAMINES, analysis/ CHLORTETRACYCLINE, pharmacodynamics/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ EPINEPHRINE, analysis/ *KIDNEY, analysis/ *LIVER, analysis/ MALE/ *MYOCARDIUM, analysis/ NOREPINEPHRINE, analysis/ OXYTETRACYCLINE, pharmacodynamics/ RABBITS/ RATS/ ROLITETRACYCLINE, pharmacodynamics/ STIMULATION, CHEMICAL/ *TETRACYCLINE, pharmacodynamics

65. **Alexander NJ, Fahrenbach WH:** Fine structure of endocrine hindgut cells of a lepidopteran, Ostrinia nubilalis (Hübn.). Z Zellforsch 94:337-45, 1969
HISTOLOGICAL TECHNICS/ HORMONES, secretion/ *INSECTS, cytology/ INSECTS, physiology/ *INTESTINES, cytology/ INTESTINES, physiology/ INTESTINES, secretion/ MITOCHONDRIA

66. **Alexandersson R, Nettelbladt E, Sundblad L:** Lactic dehydrogenase isoenzymes in arthritic synovial fluid: effect of cortisol. Acta Rheum Scand 14:243-52, 1968
*ARTHRITIS, RHEUMATOID, enzymology/ AUTOANALYSIS/ FLUOROMETRY/ HUMAN/ *HYDROCORTISONE, therapeutic use/ INJECTIONS, INTRA-ARTICULAR/ *LACTATE DEHYDROGENASE ISOENZYMES, analysis/ *OSTEOARTHRITIS, enzymology/ SPECTROPHOTOMETRY/ *SYNOVIAL FLUID, analysis

67. **Alfidi RJ, Gill WM Jr, Klein HJ:** Arteriography of adrenal neoplasms.
Amer J Roentgen 106:635-41, Jul 69
*ADENOMA, radiography/ *ADRENAL GLAND NEOPLASMS, radiography/ ADRENAL GLANDS, radiography/ *ANGIOGRAPHY/ AORTOGRAPHY/ BLOOD PRESSURE, drug effects/ BLOOD PRESSURE DETERMINATION/ *CARCINOMA, radiography/ CELIAC ARTERY, radiography/ CUSHING'S SYNDROME, radiography/ ELECTROCARDIOGRAPHY/ FEMALE/ HUMAN/ MALE/ NEOPLASM METASTASIS/ PHENTOLAMINE, therapeutic use/ *PHEOCHROMOCYTOMA, radiography/ RENAL ARTERY, radiography

68. **Algan B, Deflves M, Mirguet R, et al:** Singulière histoire d'un glaucome et d'une cataracte cortisoniques associés bilatéraux.
Bull Soc Ophtal Franc 68:660-7, Jul-Aug 68 **(Fre)**
*CATARACT, chemically induced/ *CORTISONE, adverse effects/ *GLAUCOMA, chemically induced/ HUMAN

69. **Allapoulios MA, Morain WD:** Human thyrocalcitonin.
Amer J Surg 117:554-7, Apr 69
BIOLOGICAL ASSAY/ CARCINOMA, metabolism/ HUMAN/ PARATHYROID DISEASES, metabolism/ PSEUDOHYPOPARATHYROIDISM, metabolism/ *THYROCALCITONIN, analysis/ THYROID DISEASES, metabolism/ *THYROID GLAND, analysis/ THYROID NEOPLASMS, metabolism

70. **Allanson M, Foster CL, Cameron E:** Mitotic activity in the adenohypophysis of pregnant and lactating rabbits. J Reprod Fertil 19:121-31, Jun 69
ANIMAL EXPERIMENTS/ COLCHICINE, pharmacodynamics/ DUODENUM, cytology/ FEMALE/ *LACTATION/ *MITOSIS/ *PITUITARY GLAND, cytology/ PREGNANCY/ *PREGNANCY, ANIMAL/ RABBITS

71. **Allen DO, Calvert DN, Lum BK:** Selective augmentation of the pressor responses to catecholamines by metanephrine.
J Pharmacol Exp Ther 167:309-18, Jun 69
ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLOOD PRESSURE, drug effects/ CARDIAC OUTPUT, drug effects/ CAROTID ARTERIES, drug effects/ DOGS/ DRUG SYNERGISM/ *EPINEPHRINE, pharmacodynamics/ HEMODYNAMICS/ *METHOXAMINE, pharmacodynamics/ MUSCLE CONTRACTION, drug effects/ *NOREPINEPHRINE, pharmacodynamics/ *NORMETANEPHRINE, pharmacodynamics/ *PHENYLEPHRINE, pharmacodynamics/ TIME FACTORS/ TRANSFERASES, antagonists & inhibitors/ TRANSFERASES, pharmacodynamics/ VASOPRESSIN, pharmacodynamics

72. **Allen DW:** The N-terminal amino acid of an avian leukosis group-specific antigen from avian myeloblastosis virus. Virology 38:32-41, May 69
AMINO ACID SEQUENCE/ *ANTIGENS/ ANTIGENS, isolation & purification/ *AVIAN LEUKOSIS-SARCOMA VIRUSES, immunology/ CARBON ISOTOPES/ CHROMATOGRAPHY/ CHROMATOGRAPHY, THIN LAYER/ ELECTROPHORESIS/ ELECTROPHORESIS, DISK/ HYDANTOINS/ LEUCINE AMINOPEPTIDASE/ NITROBENZENES/ SULFUR ISOTOPES/ THIOCYANATES/ *VIRAL PROTEINS

73. **Allen ER, Cave MD:** Formation, transport, and storage of ribonucleic acid containing structures in oocytes of Acheta domesticus (Orthoptera).
Z Zellforsch 92:477-86, 1968
ANIMAL EXPERIMENTS/ DEOXYRIBONUCLEASE, metabolism/ *DNA, metabolism/ FEMALE/ HISTOCYTOCHEMISTRY/ HISTOLOGICAL TECHNICS/ INSECTS, cytology/ *INSECTS, metabolism/ MEIOSIS/ MICROSCOPY, ELECTRON/ OVARY, cytology/ *OVARY, metabolism/ RIBONUCLEASE, metabolism/ *RNA, metabolism

74. **Allen JH:** Common external ocular infections.
Postgrad Med 45:144-8, May 69
ADRENAL CORTEX HORMONES, adverse effects/ BLEPHARITIS/ *CONJUNCTIVITIS/ CONJUNCTIVITIS, drug therapy/ DEOXYURIDINE, therapeutic use/ *EYELIDS/ HUMAN/ *KERATITIS, DENDRITIC/ KERATITIS, DENDRITIC, drug therapy/ OINTMENTS/ SULFONAMIDES, therapeutic use

75. **Allen WR:** Factors influencing pregnant mare serum gonadotrophin production.
Nature (London) 223:64-5, 5 Jul 69
ANIMAL EXPERIMENTS/ FEMALE/ GESTATIONAL AGE/ *GONADOTROPINS, EQUINE, blood/ HORSES/ *HYBRIDIZATION/ PERISSODACTYLA/ PREGNANCY/ *PREGNANCY, ANIMAL

76. **Alleva FR, Alleva JJ, Umberger EJ:** Effect of a single prepubertal injection of testosterone propionate on later reproductive functions of the female golden hamster. Endocrinology 85:312-8, Aug 69
ABSCESS, chemically induced/ AGE FACTORS/ ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ ESTRUS, drug effects/ FEMALE/ FERTILITY, drug effects/ HAMSTERS/ ORGAN WEIGHT/ OVARIAN DISEASES, chemically induced/ PREGNANCY/ PUBERTY/ *REPRODUCTION, drug effects/ *TESTOSTERONE, pharmacodynamics/ UTERINE DISEASES, chemically induced/ VAGINA, physiology

77. **Alley RA, Tsai CT, Morgan CR, et al:** Serum free fatty acids, growth hormone, and insulin during trials of ACTH and synthetic subunits.
Clin Pharmacol Ther 10:515-21, Jul-Aug 69
AMINO ACIDS/ *CORTICOTROPIN, pharmacodynamics/ *FATTY ACIDS, NONESTERIFIED, blood/ HUMAN/ *INSULIN, blood/ MALE/ *SOMATOTROPIN, blood/ TIME FACTORS

78. **Allikmets LKh, Vediaev FP:** Neĭrofiziologicheskiĭ analiz deĭstviia antidepressantov na reaktsii limbicheskogo proiskhozhdeniia.
Fiziol Zh SSSR Sechenov 54:145-51, Feb 68 **(Rus)**
AMITRIPTYLINE, pharmacodynamics/ AMYGDALOID BODY, drug effects/ ANIMAL EXPERIMENTS/ *ANTIDEPRESSIVE AGENTS, pharmacodynamics/ BEHAVIOR, ANIMAL, drug effects/ CHLORPROMAZINE, pharmacodynamics/ ELECTROENCEPHALOGRAPHY/ HIPPOCAMPUS, drug effects/ IMIPRAMINE, pharmacodynamics/ *LIMBIC SYSTEM, drug effects/ RABBITS/ THALAMUS, drug effects

79. **Allsopp A:** Heteroblastic development in vascular plants. Advances Morph 6:127-71, 1967 (162 ref.)
ANTIMETABOLITES, pharmacodynamics/ ENVIRONMENT/ GLUCOSE, pharmacodynamics/ HORMONES, pharmacodynamics/ LIGHT/ NITROGEN, pharmacodynamics/ OSMOSIS/ PLANT GROWTH REGULATORS, pharmacodynamics/ PLANTS, anatomy & histology/ PLANTS, drug effects/ *PLANTS, growth & development/ REVIEW/ TEMPERATURE/ WATER

80. **Almeida PA de:** Ação do frio, do formol e da hipóxia sôbre o glicogênio e os lipídeos da placenta de ratas prenhes (Rattus norvegicus albinus, rodentia, mammalia)
Matern Infanc (S Paulo) 27:237-62, Jul-Sep 68 **(Por)**
ANIMAL EXPERIMENTS/ ANOXIA, complications/ COLD/ FEMALE/ FORMALDEHYDE, pharmacodynamics/ GLYCOGEN, metabolism/ LIPIDS, metabolism/ PLACENTA, drug effects/ *PLACENTA, metabolism/ PLACENTAL EXTRACTS, pharmacodynamics/ PREGNANCY/ PREGNANCY, ANIMAL/ RATS/ *STRESS/ TIME FACTORS

81. **Almgård LE, Ljungqvist A:** The function of the drug-modified canine renal allograft.
Scand J Urol Nephrol 2:177-82, 1968
ANIMAL EXPERIMENTS/ AZATHIOPRINE, therapeutic use/ DOGS/ GLOMERULAR FILTRATION RATE/ HISTOCOMPATIBILITY/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ KIDNEY, pathology/ *KIDNEY, physiology/ *KIDNEY, transplantation/ KIDNEY FAILURE, ACUTE, prevention & control/ PREDNISOLONE, therapeutic use/ REGIONAL BLOOD FLOW/ TRANSPLANTATION, HOMOLOGOUS/ TRANSPLANTATION IMMUNOLOGY

82. **Alvarez-Bravo A, Vázquez E, González-Ramos M:** Conceptos actuales sobre el manejo del aborto. IV. Resultados obtenidos en el tratamiento del aborto con nuevos esteroides progestacionales.
Gac Med Mex 98:1275-87, Oct 68 **(Spa)**
*ABORTION, THREATENED, drug therapy/ FEMALE/ GESTATIONAL AGE/ HUMAN/ MEDROXYPROGESTERONE, administration & dosage/ *MEDROXYPROGESTERONE, therapeutic use/ PREGNANCY

83. **Alvarez-Buylla R, Alvarez-Buylla R de:** The metopirone test in hypophysectomized dogs with salivary or adrenal gland transplants.
Acta Physiol Lat Amer 17:253-7, 1967
*ADRENAL GLANDS, transplantation/ ANIMAL EXPERIMENTS/ DOGS/ FEMALE/ HYPOPHYSECTOMY/ 17-KETOSTEROIDS, urine/ MALE/ *METYRAPONE, pharmacodynamics/ *PITUITARY GLAND, physiology/ *SALIVARY GLANDS, transplantation

84. **Alvarez Coca M, Zarza R:** Diabetes insípida nefrógena en un caso de acidosis renal tubular hiperclorémica idiopática asociada a pielonefritis.
Rev Iber Endocr 16:115-21, Mar-Apr 69 **(Spa)**
*ACIDOSIS, RENAL TUBULAR, complications/ *CHILD/ *DIABETES INSIPIDUS, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *PYELONEPHRITIS, etiology

85. **Amemiya T, Sakaue E:** Experience on orbito-pneumotomography.
Ophthalmologica (Basel) 157:462-72, 1969
ADENOCARCINOMA, radiography/ ADULT/ AGED/ *AIR/ EXOPHTHALMOS, etiology/ *EXOPHTHALMOS, radiography/ EYE NEOPLASMS, radiography/ FEMALE/ HEMANGIOMA, radiography/ HUMAN/ LACRIMAL APPARATUS/ MALE/ MAXILLARY NEOPLASMS, radiography/ METHODS/ MIDDLE AGE/ MUCOCELE, radiography/ NEURILEMMOMA, radiography/ *ORBIT, radiography/ *ORBITAL NEOPLASMS, radiography/ PARANASAL SINUS NEOPLASMS, radiography/ SINUSITIS, radiography/ *TOMOGRAPHY

86. **Ames F, Braunsbg H, Carter AE, et al:** Studies on relative oestrogen concentrations in human malignant breast tumours. Brit J Surg 56:615, Aug 69
ANDROSTANES, therapeutic use/ *BREAST NEOPLASMS, metabolism/ ESTRADIOL, analysis/ *ESTROGENS, analysis/ FEMALE/ HUMAN/ TESTOSTERONE, therapeutic use/ TRITIUM

87. **Anardi V:** Sulle neoplasie primitive del testicolo (contributo anatomopatologico ed isogenetico)
Rass Int Clin Ter 47:1131-49, 31 Oct 67 **(Ita)**
ADULT/ CARCINOMA, pathology/ CHORIOCARCINOMA, pathology/ DISGERMINOMA, pathology/ HUMAN/ MALE/ TERATOID TUMOR, pathology/ TESTICULAR NEOPLASMS, classification/ TESTICULAR NEOPLASMS, etiology/ *TESTICULAR NEOPLASMS, pathology

88. **Anardi V:** Contributo allo studio dei tumori della serie simpatica. Rass Int Clin Ter 47:967-76, Sep 67 **(Ita)**
*ADRENAL GLAND NEOPLASMS, pathology/ ADRENAL GLAND NEOPLASMS, surgery/ CHILD/ *GANGLIONEUROMA, pathology/ GANGLIONEUROMA, surgery/ HUMAN/ MALE/ NEUROBLASTOMA, classification/

*NEUROBLASTOMA, pathology/ NEUROBLASTOMA, surgery

89. **Ancla M, Belaisch J, De Brux J**: Action of chorionic gonadotrophin on cellular structures in human endometrium in the secretory phase.
J Reprod Fertil 19:291-7, Jul 69
BIOPSY/ ENDOMETRIUM, anatomy & histology/ ENDOMETRIUM, cytology/ *ENDOMETRIUM, drug effects/ ENDOMETRIUM, metabolism/ ENDOMETRIUM, secretion/ FEMALE/ GLYCOGEN, metabolism/ *GONADOTROPINS, CHORIONIC, pharmacodynamics/ HUMAN/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ PROGESTERONE, physiology

90. **Andersen E**: Skeletal maturation of Danish school children in relation to height, sexual development, and social conditions.
Acta Paediat Scand Suppl 185:11+, 1968
ADOLESCENCE/ AGE DETERMINATION BY SKELETON/ *BODY HEIGHT/ BREAST, growth & development/ CHILD/ DENMARK/ FACTOR ANALYSIS, STATISTICAL/ FEMALE/ *GENITALIA, growth & development/ HAIR, growth & development/ HUMAN/ MALE/ MENSTRUATION/ METHODS/ PENIS, growth & development/ *SEX CHARACTERISTICS/ *SKELETON, growth & development/ *SOCIAL CONDITIONS/ STUDENTS/ TESTIS, growth & development

91. **Anderson JM**: Fetal-maternal lymphocyte transfer.
Lancet 1:1266-7, 21 Jun 69
ANIMAL EXPERIMENTS/ FETUS/ HISTOCOMPATIBILITY/ HISTORY OF MEDICINE, 20TH CENT./ HISTORY OF MEDICINE, MEDIEVAL/ HUMAN/ *LYMPHOCYTES/ MATERNAL-FETAL EXCHANGE/ *PLACENTA, physiology/ PREGNANCY/ SHEEP/ *TRANSPLANTATION IMMUNOLOGY

92. **Anderson JM, Hannah G, Neely MG, et al**: Localized immunosuppression for pulmonary transplants.
Brit J Surg 56:597-600, Aug 69
ANIMAL EXPERIMENTS/ AZATHIOPRINE, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ DOGS/ HEPARIN, pharmacodynamics/ *IMMUNOSUPPRESSIVE AGENTS, administration & dosage/ INJECTIONS, INTRA-ARTERIAL/ LUNG, physiopathology/ *LUNG, transplantation/ PREDNISOLONE, pharmacodynamics/ PREDNISONE, pharmacodynamics/ STATISTICS/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY

93. **Anderson LJ, Sandison AT, Jarrett WF**: A British abattoir survey of tumours in cattle, sheep and pigs.
Vet Rec 84:547-51, 31 May 69
ABATTOIRS/ ADRENAL GLAND NEOPLASMS, occurrence/ CATTLE/ *CATTLE DISEASES, occurrence/ CHOLANGIOMA, occurrence/ GREAT BRITAIN/ LUNG NEOPLASMS, occurrence/ LYMPHOSARCOMA, occurrence/ LYMPHOSARCOMA, veterinary/ *NEOPLASMS, veterinary/ *SHEEP DISEASES, occurrence/ *SWINE DISEASES, occurrence/ THYMOMA, occurrence

94. **Andersson B, Dallman MF, Olsson K**: Evidence for a hypothalamic control of renal sodium excretion.
Acta Physiol Scand 75:496-510, Mar 69
ALDOSTERONE, pharmacodynamics/ AMMONIUM CHLORIDE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CEREBRAL VENTRICLES, drug effects/ DIET/ FEMALE/ GLOMERULAR FILTRATION RATE/ GOATS/ HYPERTONIC SOLUTIONS/ *HYPOTHALAMUS, physiology/ INJECTIONS, INTRAVENOUS/ *KIDNEY, physiology/ *NATRIURESIS/ POTASSIUM, blood/ POTASSIUM, urine/ SODIUM, blood/ *SODIUM CHLORIDE, pharmacodynamics

95. **Andreevski A, Tadžer I**: Radio-isotopes en oto-rhino-laryngologie (scintillographie de la glande thyroïde et du cou)
God Zborn Med Fak Skopje 14:150-5, 1968 **(Fre)**
HUMAN/ *NECK NEOPLASMS, diagnosis/ *RADIOISOTOPE SCANNING/ *THYROID DISEASES, diagnosis/ THYROID GLAND FUNCTION TESTS/ *THYROID NEOPLASMS, diagnosis

96. **Andrews AT, Herring GM, Kent PW**: The periodate oxidation of bovine bone sialoprotein, and some observations on its structure.
Biochem J 111:621-7, Mar 69
ANIMAL EXPERIMENTS/ *BONE AND BONES/ CATTLE/ FUCOSE, analysis/ GALACTOSE, analysis/ GLUCOSAMINE, analysis/ *GLYCOPROTEINS, analysis/ HEXOSAMINES, analysis/ MANNOSE, analysis/ NEURAMINIC ACIDS, analysis/ OXIDATION-REDUCTION/ *PERIODIC ACIDS

97. **Andrews P**: Molecular weight of human placental lactogen investigated by gel filtration.
Biochem J 111:799-800, Mar 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ DEXTRAN/ GEL FILTRATION/ *GONADOTROPINS, CHORIONIC/ GONADOTROPINS, CHORIONIC, analysis/ MOLECULAR WEIGHT/ PIGEONS/ PROLACTIN/ RABBITS/ SOMATOTROPIN

98. **Andrieu J, Lesueur G**: Les diurétiques dans les cirrhoses. Complications. Indications.
Presse Med 77:575-8, 29 Mar 69 **(Fre)**
ADRENAL CORTEX HORMONES, therapeutic use/ ALKALOSIS, complications/ BLOOD UREA NITROGEN/ BLOOD VOLUME/ *DIURETICS, therapeutic use/ EDEMA, complications/ EDEMA, drug therapy/ ENGLISH ABSTRACT/ ETHACRYNIC ACID, adverse effects/ ETHACRYNIC ACID, therapeutic use/ FUROSEMIDE, adverse effects/ FUROSEMIDE, therapeutic use/ GLOMERULAR FILTRATION RATE/ HUMAN/ HYPERALDOSTERONISM, complications/ HYPERKALEMIA, chemically induced/ HYPOKALEMIA, chemically induced/ HYPONATREMIA, chemically induced/ KIDNEY FAILURE, CHRONIC, complications/ KIDNEY TUBULES, physiopathology/ LIVER CIRRHOSIS, complications/ *LIVER CIRRHOSIS, drug therapy/ SPIRONOLACTONE, adverse effects/ SPIRONOLACTONE, therapeutic use/ TRIAMTERENE, adverse effects/ TRIAMTERENE, therapeutic use/ VASOPRESSIN, physiology

99. **Androlić S**: Sindrom karpalnog tunela.
Reumatizam 16:109-14, 1969 **(Cro)**
ADULT/ *CARPAL TUNNEL SYNDROME, diagnosis/ CARPAL TUNNEL SYNDROME, drug therapy/ FEMALE/ HUMAN/ HYDROCORTISONE, TOPICAL, therapeutic use/ INJECTIONS, INTRA-ARTICULAR/ MALE/ MIDDLE AGE

100. **Anghelescu V, Cighir R**: Citomegalia în raport cu tarele biologice ale sugarului.
Stud Cercet Inframicrobiol 19:413-7, 1968 **(Rum)**
*ABNORMALITIES, etiology/ *ADRENAL GLAND DISEASES, complications/ *CYTOMEGALIC INCLUSION DISEASE, complications/ ENGLISH ABSTRACT/ HUMAN/ INFANT/ *INFANT, PREMATURE, DISEASES/ *KIDNEY DISEASES, complications/ *SALIVARY GLAND DISEASES, complications

101. **Anikin GD**: O nalichii beta-adrenoreaktivnykh sistem v pochke.
Fiziol Zh SSSR Sechenov 54:857-61, Jul 68 **(Rus)**
ANIMAL EXPERIMENTS/ *DIURESIS, drug effects/ DOGS/ ENGLISH ABSTRACT/ EPINEPHRINE, antagonists & inhibitors/ *EPINEPHRINE, pharmacodynamics/ ERGOTAMINE, pharmacodynamics/ *ISOPROTERENOL, pharmacodynamics/ *KIDNEY, drug effects/ *NATRIURESIS, drug

effects/ PITUITARY-ADRENAL SYSTEM, drug effects

102. **Antoine B:** La nature de l'albumine. Evolution des idées sur les protéines de l'urine.
Presse Med 77:3-4, 4 Jan 69 **(Fre)**
ALBUMINS, urine/ ALPHA GLOBULIN, urine/ BETA GLOBULIN, urine/ ELECTROPHORESIS/ FLUORESCENT ANTIBODY TECHNIC/ GLOMERULAR FILTRATION RATE/ GLOMERULONEPHRITIS, urine/ GLYCOPROTEINS, urine/ HORMONES, urine/ HUMAN/ KIDNEY FAILURE, ACUTE, urine/ KIDNEY FAILURE, CHRONIC, urine/ KIDNEY TUBULES, physiopathology/ MACROMOLECULAR SYSTEMS, urine/ *PROTEINURIA

103. **Anton AH, Schwartz RP, Kramer S:** Catecholamines and behavior in isolated and grouped mice.
J Psychiat Res 6:211-20, Dec 68
ADRENAL GLANDS, analysis/ ADRENAL GLANDS, anatomy & histology/ AGGRESSION/ AGGRESSION, drug effects/ ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ *BEHAVIOR, ANIMAL/ BODY WEIGHT/ BRAIN CHEMISTRY/ CASTRATION/ *CATECHOLAMINES, analysis/ ESTRADIOL, pharmacodynamics/ FEMALE/ MALE/ MICE/ MYOCARDIUM, analysis/ NOREPINEPHRINE, analysis/ ORGAN WEIGHT/ SEX FACTORS/ TESTOSTERONE, pharmacodynamics

104. **Anton JP, Gueguen J, Genet P, et al:** Etude de 26 cas d'azoospermies et d'oligoasthénospermies traités par les gonadotrophines humaines extraites d'urines de femmes ménopausées (H.M.G.)
Gynec Obstet (Paris) 67:509-14, Nov-Dec 68 **(Fre)**
ADULT/ ENGLISH ABSTRACT/ FEMALE/ GONADOTROPINS, administration & dosage/ *GONADOTROPINS, therapeutic use/ HUMAN/ LEYDIG CELLS, drug effects/ MALE/ *MENOPAUSE/ MIDDLE AGE/ PREGNANCY/ SEMEN, analysis/ SPERMATOZOA, analysis/ *STERILITY, MALE, drug therapy/ STERILITY, MALE, pathology

105. **Anton-Tay F, Wurtman RJ:** Regional uptake of 3H-melatonin from blood or cerebrospinal fluid by rat brain. Nature (London) 221:474-5, 1 Feb 69
ANIMAL EXPERIMENTS/ *BRAIN, metabolism/ BRAIN CHEMISTRY/ INJECTIONS/ MELATONIN, blood/ MELATONIN, cerebrospinal fluid/ *MELATONIN, metabolism/ RATS/ TRITIUM

106. **Apostoloff E, Reitzig P:** Häufige Fehldiagnosen beim Lupus erythematodes visceralis.
Z Aerztl Fortbild (Jena) 62:1174-8, 1 Nov 68 **(Ger)**
ADULT/ AGED/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ HYPERTENSION, diagnosis/ JOINT DISEASES, diagnosis/ KIDNEY DISEASES, diagnosis/ LE CELLS/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, diagnosis/ LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ MALE/ MIDDLE AGE/ PREDNISONE, therapeutic use/ SERODIAGNOSIS

107. **Appelgren LE:** Histochemical demonstration of drug interference with progesterone synthesis.
J Reprod Fertil 19:185-6, Jun 69
ANIMAL EXPERIMENTS/ *CORPUS LUTEUM, drug effects/ FEMALE/ HISTOCYTOCHEMISTRY/ *HYDROXYSTEROID DEHYDROGENASE, antagonists & inhibitors/ MICE/ PREGNANCY/ PREGNENOLONE, metabolism/ *PROGESTERONE, biosynthesis/ RADIOAUTOGRAPHY

108. **Appenzeller O, Snyder RD:** Autonomic failure with persistent fever in cerebral gigantism.
J Neurol Neurosurg Psychiat 32:123-8, Apr 69
*AUTONOMIC DYSFUNCTION, complications/ AUTONOMIC NERVOUS SYSTEM, physiopathology/ *BODY TEMPERATURE REGULATION/ FEMALE/ *FEVER, etiology/ *GIGANTISM, complications/ GIGANTISM, physiopathology/ HUMAN/ HYPOTHALAMUS, physiopathology/ INFANT

109. **Aquaron R:** Séparation de l'iodermonal et des composés iodés médicamenteux du sérum au moyen d'une résine échangeuse de cations.
Marseille Med 106:33-41, 1969 **(Fre)**
*BLOOD PROTEINS/ CHROMATOGRAPHY, ION EXCHANGE/ CONTRAST MEDIA/ *IODINE, blood/ IODINE, therapeutic use/ *ION EXCHANGE RESINS/ PROTEIN BINDING/ THYROID DISEASES, drug therapy

110. **Aquavella JV, Sheehey W:** Monofilament nylon sutures in cataract surgery. Amer J Ophthal 67:950-1, Jun 69
ADRENAL CORTEX HORMONES, therapeutic use/ *CATARACT EXTRACTION/ HUMAN/ INTRAOCULAR PRESSURE/ IRITIS, drug therapy/ IRITIS, etiology/ NYLON/ POSTOPERATIVE COMPLICATIONS/ *SUTURES

111. **Araszkiewicz W:** Wpływ kortykoterapii na pozostałości płucne po leczeniu przeciwprątkowym.
Gruzlica 37:223-34, Mar 69 **(Pol)**
ANIMAL EXPERIMENTS/ BRONCHIECTASIS, chemically induced/ CORTISONE, adverse effects/ *CORTISONE, therapeutic use/ DRUG SYNERGISM/ *ISONIAZID, therapeutic use/ LUNG, pathology/ PULMONARY EMPHYSEMA, chemically induced/ RABBITS/ *STREPTOMYCIN, therapeutic use/ TUBERCULOSIS, BOVINE, drug therapy/ *TUBERCULOSIS, LYMPH NODE, prevention & control/ *TUBERCULOSIS, PULMONARY, drug therapy

112. **Araújo AE de:** O papel da castração no tratamento do câncer da mama. Hospital (Rio) 75:841-4, Mar 69 **(Por)**
*BREAST NEOPLASMS, surgery/ *CASTRATION/ FEMALE/ HUMAN/ MASTECTOMY/ RETROSPECTIVE STUDIES

113. **Araujo M da S, Cliento G:** Pyridine coenzymes. 8. Autoxidation of the reduced form catalyzed by 4-amino-2,6-diiodophenol.
Biochemistry (Wash) 8:2145-52, May 69
CHEMISTRY/ ELECTRON TRANSPORT/ HYDROGEN-ION CONCENTRATION/ *IODINE/ KINETICS/ LIGHT/ MANOMETRY/ MODELS, CHEMICAL/ *NAD/ *NADP/ NICOTINAMIDE/ OXIDATION-REDUCTION/ OXYGEN/ *PHENOLS/ PYRIDINES/ PYRIDINIUM COMPOUNDS/ SPECTROPHOTOMETRY/ ULTRAVIOLET RAYS

114. **Arcos JC, Mathison JB, Tison MJ, et al:** Effect of feeding amino azo dyes on mitochondrial swelling and contraction. Kinetic evidence for deletion of membrane regulatory sites.
Cancer Res 29:1288-97, Jun 69
ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ARSENIC, pharmacodynamics/ *CELL MEMBRANE, drug effects/ CHLOROMERCURIBENZOATES, pharmacodynamics/ *DIMETHYLAMINOAZOBENZENE, pharmacodynamics/ HEPATOMA, chemically induced/ KINETICS/ LIVER NEOPLASMS, chemically induced/ MALE/ METHODS/ MITOCHONDRIA, LIVER, analysis/ *MITOCHONDRIA, LIVER, drug effects/ NEOPLASMS, EXPERIMENTAL, chemically induced/ PHLORHIZIN, pharmacodynamics/ PHOSPHATES, pharmacodynamics/ POTASSIUM CHLORIDE/ PROTEINS, analysis/ RATS/ SAPONINS, pharmacodynamics/ SUCROSE/ THYROXINE, pharmacodynamics/ TIME FACTORS

115. **Arcos-Terán L, Beermann W:** Changes of DNA replication behavior associated with intragenic changes of the white region in Drosophila melanogaster. Chromosoma 25:377-91, 1968
ANIMAL EXPERIMENTS/ CHROMOSOME ABERRATIONS/ *DNA REPLICATION/ DROSOPHILA/ MALE/ RADIOAUTOGRAPHY/ *SEX CHROMOSOMES, metabolism/ THYMIDINE, metabolism/ TRITIUM

116. **Ardaillou R, Vuagnat P, Milhaud G, et al:** Effects de la thyrocalcitonine sur l'excrétion rénale du phosphore, du calcium et des ions H+ chez l'homme normal.
J Physiol (Paris) 59:Suppl:204, 1967 **(Fre)**
CALCIUM, blood/ CALCIUM, urine/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KIDNEY, drug effects/ *KIDNEY, metabolism/ PHOSPHORUS, blood/ PHOSPHORUS, urine/ *THYROCALCITONIN, pharmacodynamics

117. **Arena G, Infortuna M, Londrillo A:** Su un caso di panmieloftisi di Fanconi.
Minerva Pediat 19:1783-90, 29 Sep 67 **(Ita)**
*BLOOD CELL COUNT/ BLOOD CHEMICAL ANALYSIS/ BODY HEIGHT/ BODY WEIGHT/ *BONE MARROW DISEASES, blood/ CHILD, PRESCHOOL/ *FANCONI SYNDROME, blood/ FEMALE/ HUMAN/ PIGMENTATION DISORDERS/ SKULL, radiography

118. **Ariano M, Pallini C:** Valutazione dell'effetto analgesico del d-propossifene a liberazione protratta.
Minerva Anest 35:563-9, May 69 **(Ita)**
*DELAYED-ACTION PREPARATIONS, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ MEDIASTINAL NEOPLASMS, surgery/ NEOPLASMS, drug therapy/ *PAIN, drug therapy/ PALLIATIVE TREATMENT/ PNEUMONECTOMY/ *POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS/ *PROPOXYPHENE, therapeutic use/ THORACOPLASTY/ THYROIDECTOMY

119. **Arimura A, Bowers CY, Schally AV, et al:** Effect of corticotropin-releasing factor, dexamethasone and actinomycin D on the release of ACTH from rat pituitaries in vivo and in vitro.
Endocrinology 85:300-11, Aug 69
ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CORTICOSTERONE, blood/ *CORTICOTROPIN, pharmacodynamics/ *CORTICOTROPIN, secretion/ *DACTINOMYCIN, pharmacodynamics/ DEPRESSION, CHEMICAL/ *DEXAMETHASONE, pharmacodynamics/ DNA, metabolism/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ IN VITRO/ LEUCINE, metabolism/ MALE/ PITUITARY GLAND, drug effects/ *PITUITARY GLAND, secretion/ PROTEINS, biosynthesis/ RATS/ RNA, biosynthesis/ SWINE/ TISSUE EXTRACTS/ TRITIUM/ URIDINE, metabolism

120. **Arkavina EA, Mendeleev IM:** Aplasticheskaia anemia, razvivshaiasis na fone dobrokachestvennoĭ timomy.
Ter Arkh 39:107-10, Aug 67 **(Rus)**
*ANEMIA, APLASTIC, etiology/ CASE REPORT/ FEMALE/ HUMAN/ MIDDLE AGE/ *THYMOMA, complications/ *THYMUS NEOPLASMS, complications

121. **Arkhilenko VI:** Izuchenie antitireoidnogo deĭstviia metabolitov opukholevoĭ kletki v opyte in vitro.
Biull Eksp Biol Med 67:99-100, Apr 69 **(Rus)**
ANIMAL EXPERIMENTS/ *ANTIMETABOLITES, analysis/ ASCITIC FLUID, analysis/ *ASCITIC FLUID, physiopathology/ IN VITRO/ MALE/ *NEOPLASMS, EXPERIMENTAL, physiopathology/ *OVARIAN NEOPLASMS, metabolism/ *OXYGEN CONSUMPTION/ RATS/ *THYROID GLAND, drug effects/ THYROID GLAND FUNCTION TESTS

122. **Armbrst V:** Möglichkeiten der Chemotherapei gynäkologischer Malignome.
Med Welt 42:2498-501, 21 Oct 67 **(Ger)**
*ANTINEOPLASTIC AGENTS, therapeutic use/ CERVIX NEOPLASMS, drug therapy/ CERVIX NEOPLASMS, enzymology/ *CYCLOPHOSPHAMIDE, therapeutic use/ FEMALE/ *GYNECOLOGIC NEOPLASMS, drug therapy/ HUMAN/ LACTATE DEHYDROGENASE, blood/ LACTATE DEHYDROGENASE ISOENZYMES, blood/ OVARIAN NEOPLASMS, drug therapy/ OVARIAN NEOPLASMS, enzymology/ PERCHLORIC ACIDS/ PODOPHYLLIN, therapeutic use/ *PODOPHYLLUM, therapeutic use/ TRYPTOPHAN/ UTERINE NEOPLASMS, drug therapy/ UTERINE NEOPLASMS, enzymology

123. **Armborst V, Schmücker AW:** Die Isoenzyme der Laktatdehydrogenase im menschlichen Uterus und Ovar. Zbl Gynaek 90:1753-64, 28 Dec 68 **(Ger)**
ADULT/ AGED/ *CARCINOMA, EPIDERMOID, enzymology/ *CERVIX UTERI, enzymology/ *CYSTADENOMA, enzymology/ *DERMOID CYST, enzymology/ FEMALE/ HISTOCYTOCHEMISTRY/ HUMAN/ INDICATORS AND REAGENTS/ *LACTATE DEHYDROGENASE ISOENZYMES, metabolism/ METHODS/ MIDDLE AGE/ *MYOMA, enzymology/ *OVARIAN CYSTS, enzymology/ *OVARIAN NEOPLASMS, enzymology/ *OVARY, enzymology/ *PREGNANCY/ *UTERINE NEOPLASMS, enzymology/ *UTERUS, enzymology

124. **Armstrong DT, Miller LV, Knudsen KA:** Regulation of lipid metabolism and progesterone production in rat corpora lutea and ovarian interstitial elements by prolactin and luteinizing hormone.
Endocrinology 85:393-401, Sep 69
ACETATES, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHOLESTEROL, biosynthesis/ CHROMATOGRAPHY, THIN LAYER/ CORPUS LUTEUM, drug effects/ *CORPUS LUTEUM, metabolism/ FATTY ACIDS, biosynthesis/ FEMALE/ FLUOROMETRY/ IN VITRO/ *KETONES, biosynthesis/ KETONES, isolation & purification/ *LH, pharmacodynamics/ LH, physiology/ OVARY, analysis/ OVARY, drug effects/ *OVARY, metabolism/ *PREGNANES, biosynthesis/ PREGNANES, isolation & purification/ *PROGESTERONE, biosynthesis/ PROGESTERONE, isolation & purification/ *PROLACTIN, pharmacodynamics/ PROLACTIN, physiology/ RATS/ STIMULATION, CHEMICAL/ TRIGLYCERIDES, biosynthesis

125. **Arnold JD, Berger A, Martin DC:** The role of the pineal in mediating photoperiodic control of growth and division synchrony and capillary sequestration of Plasmodium berghei in mice.
J Parasit 55:609-16, Jun 69
ANIMAL EXPERIMENTS/ *CELL DIVISION/ *LIGHT/ MICE/ PHAGOCYTOSIS/ *PINEAL BODY, physiology/ *PLASMODIUM, growth & development

126. **Arnold JD, Berger AE, Martin DC:** Chemical agents effective in mediating control of growth and division synchrony of Plasmodium berghei in pinealectomized mice. J Parasit 55:617-25, Jun 69
CELL DIVISION/ MELATONIN, pharmacodynamics/ *PINEAL BODY, physiology/ *PLASMODIUM, growth & development/ SEROTONIN, pharmacodynamics/ UBIQUINONE, pharmacodynamics/ VITAMIN E DEFICIENCY/ VITAMIN K, pharmacodynamics/ VITAMIN K DEFICIENCY

127. **Aronson SB:** The uvea.
Arch Ophthal (Chicago) 81:730-48, May 69 (205 ref.)
ANAPHYLAXIS, etiology/ ANIMAL EXPERIMENTS/ AZATHIOPRINE, therapeutic use/ CHLORAMBUCIL, therapeutic use/ EPIDEMIOLOGIC METHODS/ HUMAN/ METHOTREXATE, therapeutic use/ REVIEW/ STEROIDS, administration & dosage/ STEROIDS, therapeutic use/ SYPHILIS, complications/ TOXOPLASMA, isolation & purification/ TREPONEMA, isolation & purification/ TUBERCULOSIS, complications/ TYPHOID-PARATYPHOID VACCINES, adverse effects/ TYPHOID-PARATYPHOID VACCINES, therapeutic use/ *UVEITIS/ UVEITIS, diagnosis/ UVEITIS, drug therapy/ UVEITIS, etiology/ UVEITIS, familial & genetic/ UVEITIS, immunology/ UVEITIS, microbiology/ UVEITIS, occurrence/ UVEITIS, physiopathology/ UVEITIS, prevention & control

128. **Aronson SB, Moore TE Jr:** Corticosteroid therapy in central stromal keratitis.

Amer J Ophthal 67:873-96, Jun 69
*ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ AGED/ ANTIBODY FORMATION, drug effects/ ANTIGEN-ANTIBODY REACTIONS, drug effects/ BACTERIA, isolation & purification/ CHILD, PRESCHOOL/ CORNEA, transplantation/ CORNEAL ULCER, drug therapy/ FEMALE/ FUNGI, isolation & purification/ GAMMA GLOBULIN/ HERPES ZOSTER, OCULAR, drug therapy/ HUMAN/ IMMUNE TOLERANCE/ *KERATITIS, drug therapy/ KERATITIS, etiology/ KERATITIS, immunology/ KERATITIS, pathology/ KERATITIS, surgery/ KERATITIS, DENDRITIC, drug therapy/ LEUKOCYTES/ MALE/ MIDDLE AGE/ MYCOSES, drug therapy/ NECROSIS/ PREDNISOLONE, therapeutic use/ TIME FACTORS

129. **Arsov D, Hrisoho D, Guceva B:** Pregled na slučaite lekuvani od ankilopoeticniot spondilartrit vo internata klinika vo tekot na deset godini.
God Zborn Med Fak Skopje 14:409-12, 1968 **(Ser)**
ADRENAL CORTEX HORMONES, therapeutic use/ BATHS/ HUMAN/ PHENYLBUTAZONE, therapeutic use/ PHYSICAL THERAPY/ *SPONDYLITIS, ANKYLOSING, therapy

130. **Arstila A, Krusius FE, Peltola P:** Studies on the transfer of thio-oxazolidone-type goitrogens into cow's milk in goitre endemic districts of Finland and in experimental conditions.
Acta Endocr (Kobenhavn) 60:712-8, Apr 69
ANIMAL EXPERIMENTS/ ANIMAL FEED/ CATTLE/ FEMALE/ FINLAND/ *GOITER/ GOITER, ENDEMIC/ *MILK, analysis/ *OXAZOLES, analysis/ PLANTS, EDIBLE, analysis/ *THYROID ANTAGONISTS, analysis

131. **Artner J:** Kontrazeption.
Oest Hebammenzeitung 14:79-80 passim, Aug 67 **(Ger)**
CONTRACEPTION/ CONTRACEPTIVE DEVICES/ CONTRACEPTIVES, ORAL/ SPECIAL LIST NURSING

132. **Arutinov AI, Kandel' EI, Konovalov AN, et al:** Nekotorye itogi desiatiletneĭ raboty v oblasti stereotaksicheskoĭ neirokhirurgii.
Vop Neirokhir 33:8-12, Jan-Feb 69 **(Rus)**
ADOLESCENCE/ ADULT/ ATHETOSIS, surgery/ BLOOD SUGAR/ *BRAIN, surgery/ CHILD/ CHILD, PRESCHOOL/ DYSTONIA MUSCULORUM DEFORMANS, surgery/ GANGLIA, BASAL, surgery/ HUMAN/ HYDROCEPHALUS, complications/ *MOVEMENT DISORDERS, surgery/ MUSCLES, physiopathology/ PARKINSONISM, blood/ PARKINSONISM, complications/ PARKINSONISM, physiopathology/ PARKINSONISM, surgery/ PITUITARY NEOPLASMS, surgery/ *STEREOTAXIC TECHNICS/ THALAMUS, surgery/ VESTIBULAR APPARATUS, physiopathology/ YTTRIUM ISOTOPES, administration & dosage/ YTTRIUM ISOTOPES, therapeutic use

133. **Arutiunov LI:** O primenenii élektrokhimicheskogo metoda opredeleniia intensivnosti potrebleniia tkaniami kisloroda.
Fiziol Zh SSSR Sechenov 54:867-9, Jul 68 **(Rus)**
ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ ELECTROCHEMISTRY/ IN VITRO/ METHODS/ *OXYGEN CONSUMPTION/ RATS

134. **Arvay A:** Das Altern des endokrinen Systems.
Bull Schweiz Akad Med Wiss 24:299-318, Jan 69 **(Ger)**
ADAPTATION, PHYSIOLOGICAL/ ADRENAL CORTEX HORMONES, physiology/ *AGING/ *ENDOCRINE GLANDS, physiology/ ENGLISH ABSTRACT/ HUMAN/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ MENOPAUSE/ MICROSCOPY, ELECTRON/ NERVOUS SYSTEM, physiology/ NEUROSECRETION/ PINEAL BODY, cytology/ PITUITARY GLAND, physiology/ PREGNANCY/ REPRODUCTION/ SEX HORMONES, physiology

135. **Arvis G, Chevallier J, Steg A:** Le syndrome de la veine ovarienne droite.
Gynec Obstet (Paris) 67:495-502, Nov-Dec 68 **(Fre)**
ABORTION/ ADULT/ DILATATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *OVARY, blood supply/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ *PYELONEPHRITIS, etiology/ *URETERAL OBSTRUCTION, etiology/ *URINARY TRACT INFECTIONS, etiology/ *VEINS/ VEINS, abnormalities

136. **Arvy L:** La thyroïde et le métabolisme calcique.
J Physiol (Paris) 60:405-48, Sep-Oct 68 (210 ref.) **(Fre)**
ABNORMALITIES, chemically induced/ AMINOPROPIONITRILE, pharmacodynamics/ AMPUTATION/ ANIMAL EXPERIMENTS/ BIRDS/ CALCIFICATION, PHYSIOLOGIC/ *CALCIUM, metabolism/ CARTILAGE, metabolism/ CASEIN, pharmacodynamics/ ESTRUS/ FEMALE/ FROGS/ GUINEA PIGS/ HORNS, growth & development/ HYPERTHYROIDISM, metabolism/ HYPOTHYROIDISM, metabolism/ IODINE ISOTOPES/ LACTATION/ LATHYRISM/ MALE/ OSSIFICATION, PHYSIOLOGIC/ PHOSPHORUS, metabolism/ PHOSPHORUS ISOTOPES/ PREGNANCY/ RABBITS/ RATS/ REVIEW/ RICKETS, metabolism/ SULFUR ISOTOPES/ THIOURACIL, pharmacodynamics/ *THYROID GLAND, physiology/ THYROID HORMONES, pharmacodynamics/ THYROIDECTOMY/ THYROTROPIN, pharmacodynamics/ THYROXINE, metabolism/ TOADS/ TOOTH, growth & development

137. **Asboe-Hansen G:** Mesenchymal aspects of dermatology.
Acta Dermatovener (Stockholm) 49:1-5, 1969
*CONNECTIVE TISSUE CELLS/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ *SKIN DISEASES, therapy/ *SKIN DISEASES, INFECTIOUS, therapy/ SKIN MANIFESTATIONS/ SOMATOTROPIN, therapeutic use/ THYROTROPIN, therapeutic use

138. **Asboe-Hansen G:** Hormone control of connective tissue.
Brit J Derm 81:Suppl 2:2-8, 1969 (56 ref.)
ANIMAL EXPERIMENTS/ BLOOD CELLS, drug effects/ *CONNECTIVE TISSUE, drug effects/ CORTICOTROPIN, pharmacodynamics/ FIBROBLASTS, drug effects/ GLUCOCORTICOIDS, pharmacodynamics/ GUINEA PIGS/ HISTAMINE, pharmacodynamics/ HISTIOCYTES, drug effects/ *HORMONES, pharmacodynamics/ INSULIN, pharmacodynamics/ MICE/ MINERALOCORTICOIDS, pharmacodynamics/ PARATHYROID HORMONE, pharmacodynamics/ RABBITS/ RATS/ REVIEW/ SEROTONIN, pharmacodynamics/ SEX HORMONES, pharmacodynamics/ SOMATOTROPIN, pharmacodynamics/ THYROID HORMONES, pharmacodynamics/ THYROTROPIN, pharmacodynamics

139. **Askarova IaN:** Soderzhanie medi i ïoda v razlichnykh ob'ektakh vneshneĭ sredy i ikh znachenie v étiologii i patogeneze éndemicheskogo zoba.
Gig Sanit 33:96-8, Aug 68 **(Rus)**
*COPPER, analysis/ FOOD ANALYSIS/ *GOITER, etiology/ GOITER, occurrence/ HUMAN/ *IODINE, analysis/ USSR/ WATER

140. **Astaldi G, Eridani S, Ponti GB, et al:** Influence of antiblastic agents applied either in vivo or in vitro on human lymphocyte transformation in cell culture.
Biut 19:8-16, Apr 69
ANTINEOPLASTIC AGENTS, administration & dosage/ *ANTINEOPLASTIC AGENTS, pharmacodynamics/ COLCHICINE, pharmacodynamics/ CYCLOPHOSPHAMIDE, pharmacodynamics/ DAUNOMYCIN, pharmacodynamics/ FLUOROURACIL, pharmacodynamics/ HUMAN/ HYDRAZINES, pharmacodynamics/ LYMPHOCYTE TRANSFORMATION/ *LYMPHOCYTES, drug effects/ LYMPHOCYTES, immunology/ LYMPHOCYTES, radiation effects/ MECHLORETHAMINE, pharmacodynamics/ PLANT AGGLUTININS, pharmacodynamics/

PREDNISOLONE, administration & dosage/ PREDNISOLONE, pharmacodynamics/ *RADIATION EFFECTS/ RADIOAUTOGRAPHY/ THYMIDINE, metabolism/ TISSUE CULTURE/ TRITIUM/ URIDINE, metabolism/ VINBLASTINE, pharmacodynamics

141. **Astaurov BL**: Experimental alterations of the developmental cytogenetic mechanisms in mulberry silkworms: artificial parthenogenesis, polyploidy, gynogenesis, and androgenesis.
Advances Morph 6:199-257, 1967 (164 ref.)
ANIMAL EXPERIMENTS/ *CYTOGENETICS/ FEMALE/ FERTILIZATION/ HERMAPHRODITISM/ HYBRIDIZATION/ MALE/ MOSAICISM/ *PARTHENOGENESIS/ REVIEW/ *SILKWORMS/ SILKWORMS, embryology

142. **Athenstaedt H**: Permanent electric polarization and pyroelectric behaviour of the vertebrate skeleton. 3. The axial skeleton of man.
Z Zellforsch 93:484-504, 1969
ADULT/ *BONE AND BONES, physiology/ ELECTROCHEMISTRY/ *ELECTROPHYSIOLOGY/ HUMAN/ INFANT, NEWBORN/ INTERVERTEBRAL DISK, anatomy & histology/ INTERVERTEBRAL DISK, growth & development/ POLAROGRAPHY/ SPINE, anatomy & histology/ SPINE, growth & development

143. **Attal JA**: Levels of testosterone, androstenedione, estrone and estradiol-17 beta in the testes of fetal sheep. Endocrinology 85:280-9, Aug 69
*ANDROSTANES, analysis/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ DEHYDROEPIANDROSTERONE, metabolism/ ELECTRONS/ *ESTRADIOL, analysis/ *ESTRONE, analysis/ FETUS/ GESTATIONAL AGE/ MALE/ ORGAN WEIGHT/ PREGNANCY/ RADIOMETRY/ SHEEP/ *TESTIS, analysis/ TESTIS, embryology/ TESTIS, metabolism/ *TESTOSTERONE, analysis

144. **Aubert L, Arroyo H, Vougier M, et al**: Nanisme essentiel et mosaique XO-XX.
Presse Med 77:1051-2, 14 Jun 69 **(Fre)**
ADOLESCENCE/ DERMATOGLYPHICS/ *DWARFISM, etiology/ FEMALE/ HUMAN/ MENTAL RETARDATION, etiology/ *MOSAICISM/ RADIOIMMUNOASSAY/ SEX CHROMATIN, abnormalities/ SOMATOTROPIN, blood/ *TURNER'S SYNDROME, diagnosis

145. **Aughey E**: Histology and histochemistry of the male accessory glands of the red deer, Cervus elaphus L.
J Reprod Fertil 18:399-407, Apr 69
ANIMAL EXPERIMENTS/ DEER/ EPITHELIUM, analysis/ *GENITALIA, MALE, analysis/ *GENITALIA, MALE, anatomy & histology/ HISTOCYTOCHEMISTRY/ LEYDIG CELLS, analysis/ MALE/ PERIODICITY/ PROSTATE, analysis/ PROSTATE, anatomy & histology/ PROSTATE, metabolism/ SEMINAL VESICLES, analysis/ SEMINAL VESICLES, anatomy & histology

146. **August GP, Tkachuk M, Grumbach MM**: Plasma testosterone-binding affinity and testosterone in umbilical cord plasma, late pregnancy, prepubertal children, and adults. J Clin Endocr 29:891-9, Jul 69
AGE FACTORS/ *BLOOD PROTEINS/ CHEMISTRY, CLINICAL/ CHILD/ CHILD, PRESCHOOL/ CHROMATOGRAPHY, THIN LAYER/ CONTRACEPTIVES, ORAL/ FEMALE/ GROWTH/ HUMAN/ INFANT/ MALE/ PLASMA/ PROTEIN BINDING/ RADIOISOTOPE DILUTION TECHNIC/ *TESTOSTERONE, blood/ TRITIUM/ UMBILICAL ARTERIES/ UMBILICAL CORD, blood supply/ UMBILICAL VEINS

147. **Augusti KT, Kurup PA**: Effect of tolbutamide on the lipolytic response of adipose tissue to adrenaline and ACTH. Indian J Biochem 5:76-7, Jun 68
ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ *CORTICOTROPIN, pharmacodynamics/ *EPINEPHRINE, pharmacodynamics/ INSULIN, pharmacodynamics/ *LIPIDS, metabolism/ MALE/ RATS/ *TOLBUTAMIDE, pharmacodynamics

148. **Augusto N**: Indução do parto pela mamada.
Matern Infanc (S Paulo) 27:189-236, Jul-Sep 68 **(Por)**
ADULT/ *BREAST/ *CATHETERIZATION/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ INFANT, NEWBORN/ *LABOR, INDUCED/ LACTATION/ METHODS/ MIDDLE AGE/ MUSCLE CONTRACTION, drug effects/ NOSE, drug effects/ OXYTOCIN, pharmacodynamics/ PREGNANCY/ PRESSURE/ PUERPERIUM, drug effects/ UTERUS, drug effects

149. **Aure JC**: Transbuccal oksytocin som riverkkende og ristimulerende middel.
T Norsk Laegeforen 89:822-3, 1 Jun 69 **(Nor)**
AMNION, surgery/ CHEEK/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INJECTIONS, INTRAVENOUS/ *LABOR, INDUCED/ *OXYTOCIN, administration & dosage/ PREGNANCY/ SUSPENSIONS/ TABLETS/ TIME FACTORS

150. **Austern BM, Gawienowski AM**: In vitro biosynthesis of beta-carotene by bovine corpus luteum tissue.
Lipids 4:227-9, May 69
ACETATES, metabolism/ ANIMAL EXPERIMENTS/ CARBON DIOXIDE/ CARBON ISOTOPES/ *CAROTENE, biosynthesis/ CATTLE/ CHROMATOGRAPHY, THIN LAYER/ *CORPUS LUTEUM, metabolism/ FEMALE/ NITROGEN/ OXYGEN/ PARTIAL PRESSURE/ SULFATES/ VANADIUM

151. **Avasthi P, Bhatia RP**: Role of subconjunctival injection of steroid in extracapsular extraction of lens.
Int Surg 51:537-9, Jun 69
*CATARACT EXTRACTION/ CONJUNCTIVA/ CONJUNCTIVITIS, prevention & control/ EDEMA, prevention & control/ *EYE DISEASES, prevention & control/ EYELIDS/ *GLUCOCORTICOIDS, administration & dosage/ HUMAN/ INJECTIONS/ IRIDOCYCLITIS, prevention & control/ KERATITIS, prevention & control/ POSTOPERATIVE COMPLICATIONS, prevention & control

152. **Avdalovic N, Kochakian CD**: Androgen regulation of RNA polymerase activity in isolated mouse kidney nuclei. Biochim Biophys Acta 182:382-93, 17 Jun 69
ADRENAL GLANDS/ AMMONIUM COMPOUNDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ CASTRATION/ CELL NUCLEUS, drug effects/ *CELL NUCLEUS, enzymology/ CYTOSINE NUCLEOTIDES, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ DEOXYRIBONUCLEASE/ DNA, metabolism/ GUANINE NUCLEOTIDES, pharmacodynamics/ KIDNEY, drug effects/ *KIDNEY, enzymology/ KINETICS/ MAGNESIUM, metabolism/ MALE/ MANGANESE, metabolism/ MICE/ MICROCOCCUS, enzymology/ NUCLEOTIDES, pharmacodynamics/ OSMOLAR CONCENTRATION/ RIBONUCLEASE/ *RNA NUCLEOTIDYL- TRANSFERASES, metabolism/ SULFATES, pharmacodynamics/ *TESTOSTERONE, pharmacodynamics/ TRITIUM

153. **Averill RL**: Depression of thyrotropin releasing factor induction of thyrotropin release by throxine in small doses. Endocrinology 85:67-71, Jul 69
ANIMAL EXPERIMENTS/ BLOOD PROTEINS/ DEPRESSION, CHEMICAL/ FEMALE/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ IODINE, blood/ IODINE ISOTOPES/ PITUITARY GLAND, drug effects/ PROTEIN BINDING/ RATS/ *THYROTROPIN, secretion/ *THYROTROPIN RELEASING FACTOR, pharmacodynamics/ THYROXINE, administration & dosage/

*THYROXINE, pharmacodynamics/ TISSUE EXTRACTS, pharmacodynamics

154. **Avery TL:** Pheromone induced changes in the concentration of anterior pituitary acidophils.
J Reprod Fertil 18:161, Feb 69
ANIMAL EXPERIMENTS/ COITUS/ ESTROGENS, secretion/ ESTRUS/ FEMALE/ FSH, secretion/ LH, secretion/ MALE/ MICE/ OVARY, physiology/ OVARY, secretion/ *PHEROMONES, physiology/ *PITUITARY GLAND, cytology/ PITUITARY GLAND, physiology/ PITUITARY GLAND, secretion

155. **Awamura M:** Clinical studies on the acid-base balance disturbance in congestive heart failure.
Jap Circ J 33:275-91, Mar 69
*ACID-BASE EQUILIBRIUM/ ACIDOSIS, RESPIRATORY, etiology/ ADULT/ ALDOSTERONE, urine/ ALKALOSIS, etiology/ ARTERIES/ BENZOTHIADIAZINES, therapeutic use/ CARBON DIOXIDE, blood/ CARBONATES, blood/ CHLORIDES, blood/ CHLORIDES, urine/ DIGITALIS GLYCOSIDES, therapeutic use/ DIURETICS, therapeutic use/ FEMALE/ FUROSEMIDE, therapeutic use/ HEART FAILURE, CONGESTIVE, drug therapy/ *HEART FAILURE, CONGESTIVE, metabolism/ HEART VALVE DISEASES, complications/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYPOKALEMIA, complications/ MALE/ MIDDLE AGE/ OXYGEN, blood/ POTASSIUM, blood/ POTASSIUM, urine/ SODIUM, blood/ SODIUM, urine/ SPIRONOLACTONE, therapeutic use/ TRICHLORMETHIAZIDE, therapeutic use

156. **Axelrod J, Shein HM, Wurtman RJ:** Stimulation of C14-melatonin synthesis from C14-tryptophan by noradrenaline in rat pineal in organ culture.
Proc Nat Acad Sci USA 62:544-9, Feb 69
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CYCLOHEXIMIDE, pharmacodynamics/ DOPAMINE, pharmacodynamics/ FEMALE/ IN VITRO/ *MELATONIN, biosynthesis/ *NOREPINEPHRINE, pharmacodynamics/ PHENETHYLAMINES, pharmacodynamics/ PINEAL BODY, drug effects/ *PINEAL BODY, metabolism/ RATS/ SEROTONIN, biosynthesis/ STIMULATION, CHEMICAL/ TISSUE CULTURE/ *TRYPTOPHAN, metabolism

157. **Axelrod LR, Lecocq FR, Goldzieher JW:** Biosynthesis of allo-3-beta-tetrahydrocortisol (Reichstein's substance V) by an adrenal adenoma.
J Clin Endocr 29:936-41, Jul 69
*ADENOMA, metabolism/ *ADRENAL GLAND NEOPLASMS, metabolism/ ADULT/ ALDOSTERONE, isolation & purification/ ANDROSTANES, isolation & purification/ CARBON ISOTOPES/ CHEMISTRY, CLINICAL/ CORTICOSTERONE, isolation & purification/ CRYSTALLIZATION/ DEHYDROEPIANDROSTERONE, isolation & purification/ FEMALE/ HIRSUTISM/ HUMAN/ HYDROCORTISONE, isolation & purification/ *17-HYDROXYCORTICOSTEROIDS, biosynthesis/ PREGNENOLONE, isolation & purification

158. **Aziz O:** Nachweis des diskontinuierlichen Sekretionsmodus von antidiuretischem Hormon (ADH) Pflueger Arch 307:R78, 1969 (Ger)
ANIMAL EXPERIMENTS/ RATS/ SECRETORY RATE/ VASOPRESSIN, blood/ *VASOPRESSIN, secretion

B

159. **Bababoury AB, Boggs LK:** True hermaphroditism with bilateral ovotestes. N Carolina Med J 30:190-2, May 69
ADULT/ FEMALE/ HERMAPHRODITISM, pathology/ *HERMAPHRODITISM, surgery/ HUMAN

160. **Bachmann W:** Erfahrungsbericht über Incut-Ohrentropfen. Med Welt 17:1026-7, Apr 69 (Ger)
CHRONIC DISEASE/ DEXAMETHASONE, administration & dosage/ HUMAN/ *OTITIS EXTERNA, drug therapy/ OXYTETRACYCLINE, administration & dosage/ PIMARICIN, administration & dosage/ TETRACAINE, administration & dosage

161. **Bacon GE, Kokenakes S:** Measurement of plasma prednisolone by gas chromatography.
J Lab Clin Med 73:1030-5, Jun 69
*CHROMATOGRAPHY, GAS/ HUMAN/ METHODS/ *PREDNISOLONE, blood

162. **Bacon GE, Perry BL, Lowrey GH, et al:** Growth hormone levels in children with congenital heart disease. Amer Heart J 78:280-1, Aug 69
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ *HEART DEFECTS, CONGENITAL, blood/ HUMAN/ MALE/ PITUITARY GLAND, physiopathology/ RADIOIMMUNOASSAY/ *SOMATOTROPIN, blood

163. **Badmaev KN, Balamutova MP, Vakhnovetskiĭ BP, et al:** K voprosy o radiokhirurgicheskom lecenii bol'nykh s kraniofaringiomami.
Vop Neirokhir 33:13-6, Mar-Apr 69 (Rus)
ADOLESCENCE/ ADULT/ CHILD/ *CRANIOPHARYNGIOMA, radiotherapy/ FEMALE/ *GOLD COLLOID, RADIOACTIVE, therapeutic use/ HUMAN/ *PHOSPHORUS ISOTOPES, therapeutic use/ *PITUITARY NEOPLASMS, radiotherapy/ RADIOTHERAPY, adverse effects/ VISION DISORDERS, etiology

164. **Badmaev KN, Samoĭlov VI:** Radiochuvstvitel'nost' gipotalamusa pri megavol'noĭ luchevoĭ terapii opukholeĭ golovnogo mozga.
Med Radiol (Moskva) 12:13-7, Feb 67 (Rus)
ADOLESCENCE/ ADULT/ *BRAIN NEOPLASMS, radiotherapy/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPOTHALAMUS, radiation effects/ MALE/ MIDDLE AGE/ *RADIOTHERAPY, HIGH ENERGY, adverse effects

165. **Baechler C, Bell ET, Borth R, et al:** Comparison of two immunochemical and three biological methods for the assay of human chorionic gonadotrophin in serum.
Acta Endocr (Kobenhavn) 61:117-32, May 69
ANALYSIS OF VARIANCE/ *ASCORBIC ACID/ *BIOLOGICAL ASSAY/ COMPARATIVE STUDY/ *COMPLEMENT FIXATION TESTS/ FEMALE/ *GONADOTROPINS, CHORIONIC, blood/ *HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ HYPEREMIA/ *ORGAN WEIGHT/ *OVARY/ *OVARY, blood supply/ PREGNANCY/ *PROSTATE

166. **Baer L, Durell J, Bunney WE, et al:** Sodium-22 retention and 17-hydroxycorticosteroid excretion in affective disorders: a preliminary report.
J Psychiat Res 6:289-97, May 69
ADRENAL GLANDS, physiology/ AGED/ *DEPRESSION, metabolism/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, urine/ MALE/ METHODS/ MIDDLE AGE/ *PSYCHOSES, MANIC-DEPRESSIVE, metabolism/ RADIOISOTOPES/ RADIOMETRY/ *SODIUM, metabolism/ THALLIUM

167. **Baethmann A, Land W, Stass P, et al:** The effect of rabbit anti-rat lymphocyte serum on the survival of adrenalectomized rats. Brit J Surg 56:617, Aug 69
*ADRENALECTOMY/ ANIMAL EXPERIMENTS/ ANTILYMPHOCYTE SERUM/ *IMMUNE SERUMS/ INJECTIONS, INTRAPERITONEAL/ *LYMPHOCYTES/ RABBITS/ RATS

168. **al-Bagdadi FA:** The adrenal gland of the camel (Camelus dromedarius). A study of the comparative anatomy and lipoids.
Zbl Veterinaermed [A] 16:354-64, Jun 69
*ADRENAL GLANDS, anatomy & histology/ *CAMELS, anatomy & histology/ HISTOCYTOCHEMISTRY

169. **Bagnis R:** Les intoxications de type "ciguatera" par poissons vénéneux.

Presse Med 77:59-60, 11 Jan 69 (Fre)
ADRENAL CORTEX HORMONES, therapeutic use/ ANIMAL EXPERIMENTS/ BRADYCARDIA, etiology/ CHELATING AGENTS, therapeutic use/ DIARRHEA, etiology/ EPIDEMIOLOGY/ ERYTHEMA, etiology/ *FISHES, POISONOUS/ *FOOD POISONING/ HUMAN/ HYPERESTHESIA, etiology/ HYPOTENSION, etiology/ MARINE BIOLOGY/ MICE/ MUSCULOSKELETAL SYSTEM, physiopathology/ NAUSEA, etiology/ NEUROLOGIC MANIFESTATIONS/ OXIMES, therapeutic use/ PARESIS, etiology/ PRURITUS, etiology/ TOXINS, analysis/ TOXINS, poisoning/ VOMITING, etiology

170. **Bahr G von**: Cataract in general disease.
Trans Ophthal Soc UK 87:811-24, 1967
ADOLESCENCE/ ADULT/ AGED/ AGING/ ALOPECIA, complications/ ANIMAL EXPERIMENTS/ AORTIC ARCH SYNDROMES, complications/ CARBOHYDRATE METABOLISM, INBORN ERRORS, complications/ CATARACT, congenital/ *CATARACT, etiology/ CHILD/ CHILD, PRESCHOOL/ DERMATITIS, ATOPIC, complications/ DIABETES MELLITUS, complications/ DOGS/ FEMALE/ HUMAN/ HYPERSENSITIVITY/ INFANT/ LENS, CRYSTALLINE, abnormalities/ LENS, CRYSTALLINE, anatomy & histology/ MALE/ MIDDLE AGE/ MYOTONIA ATROPHICA, complications/ NEURODERMATITIS, complications/ SKIN DISEASES, complications/ TETANY, complications

171. **Baier W, Berchtold M, Hertel H**: Untersuchungen über ovarielle Funktionen beim Rind vor und nach dem Abkalben.
Arch Exp Veterinaermed 21:149-54, 1967 (Ger)
ANIMAL EXPERIMENTS/ *CATTLE/ *CORPUS LUTEUM/ FEMALE/ ORGAN WEIGHT/ *OVARY, physiology/ PREGNANCY/ *PREGNANCY, ANIMAL/ PROGESTERONE

172. **Bailey AJ, Fowler LJ, Peach CM**: Identification of two interchain crosslinks of bone and dentine collagen.
Biochem Biophys Res Commun 34:663-71, 6 Jun 69
*ALDEHYDES, analysis/ ALDEHYDES, isolation & purification/ AMINOPROPIONITRILE/ ANIMAL EXPERIMENTS/ AUTOANALYSIS/ *BONE AND BONES/ BONE AND BONES, embryology/ CATTLE/ CHEMISTRY/ CHICK EMBRYO/ CHICKENS/ *COLLAGEN/ COLLAGEN, biosynthesis/ DECALCIFICATION TECHNIC/ *DENTIN/ ELECTROPHORESIS/ HUMAN/ LATHYRISM, chemically induced/ LYSINE, metabolism/ PAPER/ *PEPTIDES, analysis/ PEPTIDES, isolation & purification/ SPECTRUM ANALYSIS/ TIBIA/ TRITIUM

173. **Bailey AJ, Fowler LJ**: In vitro enzymic biosynthesis of two inter-chain crosslinks of bone collagen.
Biochem Biophys Res Commun 34:672-5, 6 Jun 69
*ALDEHYDES, biosynthesis/ AMINO ACIDS, analysis/ AMINOPROPIONITRILE/ ANIMAL EXPERIMENTS/ BONE AND BONES, embryology/ *BONE AND BONES, enzymology/ BONE AND BONES, metabolism/ BORON COMPOUNDS/ CELL-FREE SYSTEM/ CHICK EMBRYO/ *COLLAGEN, biosynthesis/ FEMUR/ *IMINES, biosynthesis/ LATHYRISM, chemically induced/ TIBIA/ TRITIUM

174. **Bailey OT, Wolf A, Schneck SA, et al**: Iatrogenic modification of tissue responses to infectious agents in the central nervous system.
Res Publ Ass Res Nerv Ment Dis 44:445-62, 1968
ADOLESCENCE/ ADULT/ BRAIN, pathology/ CENTRAL NERVOUS SYSTEM DISEASES, drug therapy/ *CENTRAL NERVOUS SYSTEM DISEASES, etiology/ CENTRAL NERVOUS SYSTEM DISEASES, pathology/ CENTRAL NERVOUS SYSTEM DISEASES, radiotherapy/ CYTOMEGALIC INCLUSION DISEASE, etiology/ FEMALE/ FUNGI, pathogenicity/ HUMAN/ *IATROGENIC DISEASE/ IMMUNOSUPPRESSIVE AGENTS, adverse effects/ INFECTION/ KIDNEY, transplantation/ MALE/ STEROIDS, therapeutic use/ TRANSPLANTATION, HOMOLOGOUS

175. **Bailey RR**: Arrhenoblastoma: case report.
New Zeal Med J 69:230-1, Apr 69
*ARRHENOBLASTOMA/ FEMALE/ HUMAN/ MIDDLE AGE/ *OVARIAN NEOPLASMS

176. **Baird DT, Goding JR, Ichikawa Y, et al**: The secretion of steroids from the autotransplanted ovary in the ewe spontaneously and in response to systemic gonadotropin. J Endocr 42:283-99, Oct 68
ANIMAL EXPERIMENTS/ CORPUS LUTEUM, secretion/ ESTRADIOL, blood/ ESTRONE, blood/ ESTRUS/ FEMALE/ *GONADOTROPINS, EQUINE, pharmacodynamics/ 17-KETOSTEROIDS, blood/ NECK/ *OVARY, secretion/ *OVARY, transplantation/ PERIODICITY/ PROGESTERONE, blood/ *SEX HORMONES, secretion/ SHEEP/ TESTOSTERONE, blood/ TRANSPLANTATION, AUTOLOGOUS

177. **Baird DT, Uno A, McCracken JA**: Effect of luteinizing hormone, follicle-stimulating hormone and prolactin on steroid secretion by the autotransplanted ovary of the ewe. J Endocr 43:18-9, Jan 69
ANIMAL EXPERIMENTS/ ESTROGENS, blood/ FEMALE/ *FSH, pharmacodynamics/ 17-KETOSTEROIDS, blood/ *LH, pharmacodynamics/ *OVARY, drug effects/ OVARY, transplantation/ PROGESTERONE, blood/ *PROLACTIN, pharmacodynamics/ SHEEP/ *STEROIDS, secretion/ TESTOSTERONE, blood/ TRANSPLANTATION, AUTOLOGOUS

178. **Baird HW**: Pediatric neurology.
Progr Neurol Psychiat 23:242-52, 1968 (59 ref.)
ACHONDROPLASIA, diagnosis/ ADOLESCENCE/ BRAIN DAMAGE, CHRONIC, diagnosis/ CAROTID ARTERY DISEASES, diagnosis/ *CENTRAL NERVOUS SYSTEM DISEASES, diagnosis/ CENTRAL NERVOUS SYSTEM DISEASES, familial & genetic/ CEREBRAL PALSY, diagnosis/ CEREBRAL SCLEROSIS, DIFFUSE, diagnosis/ CEREBROVASCULAR CIRCULATION/ CHILD/ CHILD, PRESCHOOL/ CHROMOSOME ABNORMALITIES, diagnosis/ DEAFNESS, diagnosis/ DWARFISM, diagnosis/ EPILEPSY, etiology/ FEMALE/ GIGANTISM, diagnosis/ HEART DEFECTS, CONGENITAL, complications/ HEPATOLENTICULAR DEGENERATION, diagnosis/ HUMAN/ INFANT/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, diagnosis/ LIGHT/ LIPOCHONDRODYSTROPHY, diagnosis/ MALE/ MENTAL RETARDATION, familial & genetic/ MUSCULAR DYSTROPHY, diagnosis/ PHENYLKETONURIA, diagnosis/ PUBERTY, PRECOCIOUS, diagnosis/ REVIEW/ RUBELLA, congenital/ SENSORY DEPRIVATION/ TIC, diagnosis/ VERTIGO, diagnosis

179. **Baird JD**: Some aspects of carbohydrate metabolism in pregnancy with special reference to the energy metabolism and hormonal status of the infant of the diabetic woman and the diabetogenic effect of pregnancy. J Endocr 44:139-72, May 69 (279 ref.)
ABNORMALITIES, etiology/ ADRENAL GLANDS, physiopathology/ ADULT/ BIRTH WEIGHT/ BLOOD SUGAR, analysis/ *CARBOHYDRATES, metabolism/ DIABETES MELLITUS, etiology/ FATTY ACIDS, NONESTERIFIED, metabolism/ FEMALE/ FETUS, metabolism/ GLUCOSE TOLERANCE TEST/ HUMAN/ HYPERGLYCEMIA, etiology/ HYPERINSULINISM, etiology/ INFANT MORTALITY/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, etiology/ INSULIN, blood/ PARITY/ PREDIABETIC STATE, diagnosis/ PREGNANCY/ *PREGNANCY IN DIABETES/ REVIEW/ SOMATOTROPIN, blood/ SOMATOTROPIN, physiology

180. **Baird JD, Hunter WM, Smith AW**: Clinical and laboratory study of the relationship between human growth hormone and the development of clinical

diabetes mellitus. J Endocr 43:13-4, Jan 69
BLOOD SUGAR/ DIABETES MELLITUS, blood/ *DIABETES MELLITUS, etiology/ DIABETES MELLITUS, therapy/ FASTING/ FATTY ACIDS, NONESTERIFIED, blood/ GLUCOSE TOLERANCE TEST/ HUMAN/ IMMUNOASSAY/ INSULIN, blood/ *SOMATOTROPIN, blood

181. **Baïsset A, Cotonat J, Guiraud R, et al:** Effets de la surcharge hydrique sur la circulation lymphatique chez le chien. Mise en évidence d'un principe diurétique dans la lymphe.
C R Acad Sci [D] (Paris) 268:2821-4, 3 Jun 69 **(Fre)**
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *DIURESIS/ DOGS/ HYPOPHYSECTOMY/ INTESTINAL ABSORPTION/ *LYMPH, physiology/ *LYMPHATIC SYSTEM, physiology/ OSMOSIS/ RATS/ TRITIUM/ *WATER-ELECTROLYTE BALANCE

182. **Baker BL, Midgley AR Jr, Gersten BE, et al:** Differentiation of growth hormone- and prolactin-containing acidophils with peroxidase-labeled antibody.
Anat Rec 164:163-71, Jun 69
ANIMAL EXPERIMENTS/ *ANTIBODIES/ CASTRATION/ *CELL DIFFERENTIATION/ FEMALE/ HISTOCYTOCHEMISTRY/ IMMUNOCHEMISTRY/ MALE/ METHODS/ OVARY, physiology/ *PEROXIDASES, metabolism/ *PITUITARY GLAND, cytology/ PITUITARY GLAND, enzymology/ *PROLACTIN, analysis/ RATS/ *SOMATOTROPIN, analysis

183. **Baker E, Morgan EH:** The role of transferrin in placental iron transfer in the rabbit.
Quart J Exp Physiol 54:173-86, Apr 69
ANIMAL EXPERIMENTS/ BINDING SITES/ BLOOD PROTEIN ELECTROPHORESIS/ BONE MARROW CELLS, metabolism/ FEMALE/ FETUS, metabolism/ *IRON, metabolism/ IRON ISOTOPES/ LIVER, metabolism/ *MATERNAL-FETAL EXCHANGE/ *PLACENTA, metabolism/ PREGNANCY/ RABBITS/ SERUM ALBUMIN, RADIO-IODINATED/ SPLEEN, metabolism/ *TRANSFERRIN, metabolism

184. **Baker FD, Kragt CL:** Maturation of the hypothalamic-pituitary-gonadal negative feedback system. Endocrinology 85:522-7, Sep 69
*AGE FACTORS/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ BODY WEIGHT/ CASTRATION/ *FEEDBACK/ FEMALE/ *FSH, secretion/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ ORGAN WEIGHT/ *OVARY, physiology/ OVARY, surgery/ *PITUITARY HORMONE RELEASING FACTORS, physiology/ RATS/ *STEROIDS, physiology

185. **Baker L, Barcai A, Kaye R, et al:** Beta adrenergic blockade and juvenile diabetes: acute studies and long-term therapeutic trial. Evidence for the role of catecholamines in mediating diabetic decompensation following emotional arousal.
J Pediat 75:19-29, Jul 69
*ACIDOSIS, DIABETIC, drug therapy/ ADRENAL CORTEX HORMONES, blood/ *ANILIDES, therapeutic use/ AROUSAL/ BLOOD SUGAR, analysis/ CATECHOLAMINES, pharmacodynamics/ CATECHOLAMINES, urine/ CHILD/ *DIABETES MELLITUS, JUVENILE, metabolism/ EMOTIONS/ *EPINEPHRINE, pharmacodynamics/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ HOSPITALIZATION/ HUMAN/ INTERVIEW, PSYCHOLOGICAL/ KETONES, blood/ SOMATOTROPIN, blood/ *STRESS, PSYCHOLOGIC, metabolism/ *SULFONIC ACIDS, therapeutic use/ SYMPATHOLYTICS, pharmacodynamics/ *SYMPATHOLYTICS, therapeutic use/ TIME FACTORS

186. **Baker RD, Coggins EG:** Transport, survival and union of foreign gametes in the genital tract of the rabbit.
J Reprod Fertil 18:161-2, Feb 69
ANIMAL EXPERIMENTS/ FEMALE/ *FERTILIZATION/ *GENITALIA, FEMALE, physiology/ GONADOTROPINS, pharmacodynamics/ GRAAFIAN FOLLICLE/ INSEMINATION, ARTIFICIAL/ MALE/ OVULATION/ *OVUM, physiology/ OVUM, transplantation/ RABBITS/ SHEEP/ *SPERMATOZOA, physiology/ SWINE/ TRANSPLANTATION, HETEROLOGOUS

187. **Bakhshiev BA:** Sluchaĭ ékhinokokkoza shchitovidnoĭ zhelezy.
Vestn Rentgen Radiol 42:96-7, Nov-Dec 67 **(Rus)**
*ECHINOCOCCOSIS, radiography/ FEMALE/ HUMAN/ METHODS/ MIDDLE AGE/ *THYROID DISEASES, radiography

188. **Baklavadzhian OG, Arutiunian BA, Darbinian AG:** Vliianie sheĭnogo simpaticheskogo nerva i gipotalamusca na priamye otvety kory.
Fiziol Zh SSSR Sechenov 53:1331-9, Nov 67 **(Rus)**
ANIMAL EXPERIMENTS/ CATS/ *CEREBRAL CORTEX, physiology/ *CERVICAL PLEXUS, physiology/ ELECTRIC STIMULATION/ ELECTROENCEPHALOGRAPHY/ *HYPOTHALAMUS, physiology/ *REFLEX/ *SYMPATHETIC NERVOUS SYSTEM, physiology/ VAGUS NERVE, physiology

189. **Bakunowa F, Urban M:** Ostre dobrotliwe zapalenie osierdzia u niemowlecia.
Pediat Pol 44:79-81, 1968 **(Pol)**
ACUTE DISEASE/ ANTIBIOTICS, therapeutic use/ CASE REPORT/ HUMAN/ INFANT/ MALE/ *PERICARDITIS/ PREDNISONE, therapeutic use

190. **Bal HS, Hickman RD, Getty R:** Age changes in the weight of the ovary in swine.
J Geront 24:157-62, Apr 69
*AGING/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ BREEDING/ FEMALE/ MATHEMATICS/ ORGAN WEIGHT/ *OVARY, growth & development/ *SWINE, physiology

191. **Balash A, Marchinski K:** Suchetanie na izvunmatochna tubarna bremennost s khemorgichna luteinovakista NA IA(ICHNIKA.
Akush Ginek (Sofiia) 7:376-7, 1968 **(Bul)**
ADULT/ *CORPUS LUTEUM CYST, complications/ FEMALE/ *HEMORRHAGE, complications/ HUMAN/ *PREGNANCY, TUBAL, complications

192. **Baldursson H, Evans EB, Dodge WF, et al:** Tumoral calcinosis with hyperphosphatemia. A report of a family with incidence in four siblings.
J Bone Joint Surg [Amer] 51:913-25, Jul 69
CALCINOSIS, complications/ CALCINOSIS, drug therapy/ CALCINOSIS, etiology/ *CALCINOSIS, familial & genetic/ CALCINOSIS, pathology/ CALCINOSIS, radiography/ CALCINOSIS, surgery/ CALCIUM, blood/ CALCIUM, urine/ CHILD/ CHILD, PRESCHOOL/ DRAINAGE/ ELBOW, radiography/ FEMALE/ FOOT DISEASES, radiography/ FOOT DISEASES, surgery/ HUMAN/ INFANT/ KIDNEY, physiopathology/ MALE/ NEGROID RACE/ PARATHYROID GLANDS, physiopathology/ PARATHYROID HORMONE, administration & dosage/ *PHOSPHORUS, blood/ PHOSPHORUS, urine/ *PHOSPHORUS METABOLISM DISORDERS, complications/ PHOSPHORUS METABOLISM DISORDERS, familial & genetic/ POSTOPERATIVE COMPLICATIONS/ SCAPULA, surgery

193. **Baldursson H, Evans EB, Dodge WF, et al:** Tumoral calcinosis with hyperphosphatemia. A report of a family with incidence in four siblings.
J Bone Joint Surg [Brit] 51:913-25, Jul 69
ADOLESCENCE/ ADULT/ CALCINOSIS, complications/ CALCINOSIS, drug therapy/ CALCINOSIS, etiology/ *CALCINOSIS, familial & genetic/ CALCINOSIS, surgery/ CALCIUM, blood/ CALCIUM, urine/ CHILD/ CHILD, PRESCHOOL/ CORTISONE, therapeutic use/ *CYSTS, complications/ CYSTS, drug therapy/ CYSTS, pathology/ CYSTS, surgery/ FEMALE/ HUMAN/ INFANT/ INFECTION, etiology/

MALE/ NEGROID RACE/ PARATHYROID GLANDS/ *PHOSPHATES, blood/ PHOSPHATES, urine/ POSTOPERATIVE COMPLICATIONS/ PROBENECID, therapeutic use/ PROGNOSIS/ TISSUE EXTRACTS, therapeutic use

194. **Balestreri R, Foppiani E, Jacopino GE, et al:** Ghiandola pineal, melatonina e steroidogenesi testicolare. Arch Maragliano Pat Clin 25:119-25, Mar-Apr 69 (Ita)
ANDROSTANES, biosynthesis/ ANIMAL EXPERIMENTS/ *17-KETOSTEROIDS, biosynthesis/ MALE/ *MELATONIN, pharmacodynamics/ *PINEAL BODY, physiology/ RATS/ *TESTIS, metabolism/ *TESTOSTERONE, biosynthesis

195. **Baliñska H:** Czołowo-podwzgórzowa kontrola pokarmowych odruchów warunkowych u królików. Acta Physiol Pol 20:227-41, 1969 (Pol)
ANIMAL EXPERIMENTS/ FOOD/ *FRONTAL LOBE, physiology/ *HYPOTHALAMUS, physiology/ RABBITS/ *REFLEX, CONDITIONED

196. **Ballarini G:** Therapeutic effects of flumethasone in swine. Vet Med 64:704-7, Aug 69
DYSENTERY, drug therapy/ *DYSENTERY, veterinary/ EDEMA, veterinary/ ESCHERICHIA COLI INFECTIONS, drug therapy/ *ESCHERICHIA COLI INFECTIONS, veterinary/ EXANTHEMA, drug therapy/ *EXANTHEMA, veterinary/ FLUMETHASONE, therapeutic use/ FLUORINE, therapeutic use/ *GASTROINTESTINAL DISEASES, veterinary/ *GLUCOCORTICOIDS, therapeutic use/ *PREGNANES, therapeutic use/ *SWINE DISEASES, drug therapy

197. **Ballintijn CM:** Functional anatomy and movement co-ordination of the respiratory pump of the carp (Cyprinus carpio L.). J Exp Biol 50:547-67, Jun 69
ANIMAL EXPERIMENTS/ BONE AND BONES, anatomy & histology/ *CYPRINIDAE/ ELECTRIC STIMULATION/ HEAD, anatomy & histology/ METHODS/ MUSCLE CONTRACTION/ MUSCLES, anatomy & histology/ MUSCLES, physiology/ *RESPIRATION

198. **Ballo M, Cospite M, Palazzalo F, et al:** Poliarteritis nodosa con gangrena de la extremidad. Angiologia 21:153-61, Jul-Aug 69 (Spa)
ADULT/ CORTISONE, adverse effects/ ENGLISH ABSTRACT/ *GANGRENE, etiology/ HUMAN/ MALE/ *PERIARTERITIS NODOSA, complications/ PERIARTERITIS NODOSA, drug therapy

199. **Balluch H:** Spätergebnisse bei Asthmatikern nach Operationen in Nase und Nebenhöhlen. Wien Med Wschr 119:364-8, 10 May 69 (Ger)
ADOLESCENCE/ ADULT/ AGED/ ASTHMA, complications/ *ASTHMA, drug therapy/ ASTHMA, mortality/ AUSTRIA/ CHILD/ *CORTISONE, therapeutic use/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ MIDDLE AGE/ NASAL POLYPS, complications/ *NASAL POLYPS, surgery/ PROGNOSIS/ SEASONS/ SEX FACTORS/ SINUSITIS, complications/ *SINUSITIS, surgery/ TIME FACTORS

200. **Balnave D, Pearce J:** Adaptation of the laying hens (Gallus domesticus) to dietary fat with special reference to changes in liver and ovarian lipid content and liver enzyme activity.
Comp Biochem Physiol 29:539-50, May 69
ACETATES, metabolism/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ CARBON ISOTOPES/ *CHICKENS/ CITRATES/ COENZYME A/ CORN/ *DIETARY FATS/ EGG YOLK/ FEMALE/ *ISOCITRATE DEHYDROGENASE, metabolism/ *LIGASES, metabolism/ LIPIDS, blood/ *LIPIDS, metabolism/ LIVER, anatomy & histology/ LIVER, enzymology/ *LIVER, metabolism/ *LYASES, metabolism/ OILS/ ORGAN WEIGHT/ OVARY, anatomy & histology/ *OVARY, metabolism/ OVIDUCTS, metabolism/ OVULATION/ TIME FACTORS

201. **Balzer H, Hellenbrecht D:** Uber die kontraktionsauslosende Wirkung von Hemmstoffen des aktiven Calciumtransports (Chlorpromazin, Prenylamin, Reserpin) am Froschrectus und -sartorius.
Naunyn Schmiedeberg Arch Pharm Exp Path 260:93-4, 1968 (Ger)
ANIMAL EXPERIMENTS/ *BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ *CHLORPROMAZINE, pharmacodynamics/ DEPRESSION, CHEMICAL/ FROGS/ *MUSCLE CONTRACTION/ MUSCLES, drug effects/ *PRENYLAMINE, pharmacodynamics/ *RESERPINE, pharmacodynamics/ STIMULATION, CHEMICAL

202. **Banerjee BN, Massie RP:** Regional differences with respect to blastocyst survival and implantation effected by location of ligatures in several regions of the rat uterus. J Reprod Fertil 18:527-9, Apr 69
ANIMAL EXPERIMENTS/ CERVIX UTERI, surgery/ FEMALE/ FERTILIZATION/ *INTRAUTERINE DEVICES/ METHODS/ *NIDATION/ OVARY/ *OVUM/ PREGNANCY/ RATS/ SUTURES/ *UTERUS, surgery

203. **Banik UK, Herr F:** Effects of medroxyprogesterone acetate and chlorpromazine on ovulation and vaginal cytology in a strain of 4-day cyclic rats.
Canad J Physiol Pharmacol 47:573-5, Jun 69
ANIMAL EXPERIMENTS/ *CHLORPROMAZINE, pharmacodynamics/ ESTRUS, drug effects/ FEMALE/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, drug effects/ *MEDROXYPROGESTERONE, pharmacodynamics/ *OVULATION, drug effects/ RATS/ RECEPTORS, DRUG, drug effects/ VAGINA, cytology/ *VAGINA, drug effects

204. **Banik UK, Revesz C, Herr F:** Orally active oestrogens and progestins in prevention of pregnancy in rats.
J Reprod Fertil 18:509-15, Apr 69
ANIMAL EXPERIMENTS/ CHLORMADINONE, pharmacodynamics/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ ESTRANES, pharmacodynamics/ *ESTROGENS, pharmacodynamics/ ETHINYL ESTRADIOL, pharmacodynamics/ FEMALE/ MESTRANOL, pharmacodynamics/ NIDATION, drug effects/ OVULATION, drug effects/ PREGNANCY/ PREGNANCY, ANIMAL, drug effects/ PREGNANES, pharmacodynamics/ *PROGESTATIONAL HORMONES, pharmacodynamics/ RATS/ STEROLS, pharmacodynamics

205. **Banks P, Helle KB, Mayor D:** Evidence for the presence of a chromogranin-like protein in bovine splenic nerve granules. Molec Pharmacol 5:210-2, Mar 69
ADENOSINE TRIPHOSPHATE, analysis/ ADRENAL MEDULLA, analysis/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ CATTLE/ *CHROMAFFIN SYSTEM, analysis/ IN VITRO/ *NERVE TISSUE, analysis/ NOREPINEPHRINE, analysis/ PROTEINS, analysis/ SPLEEN, analysis

206. **Bansi HW, Gauwerky F:**
Hyperthyreosen--Hypothyreosen.
Deutsch Med J 19:794-800, 20 Nov 68 (Ger)
HUMAN/ *HYPERTHYROIDISM, therapy/ *HYPOTHYROIDISM

207. **Bär HP, Hechter O:** Adenyl cyclase and hormone action. 3. Calcium requirement for ACTH stimulation of adenyl cyclase.
Biochem Biophys Res Commun 34:681-6, 6 Jun 69
ACETIC ACIDS, pharmacodynamics/ *ADENINE NUCLEOTIDES/ ADENYL CYCLASE, metabolism/ ADIPOSE TISSUE, cytology/ *ADIPOSE TISSUE, enzymology/ ADRENAL GLANDS, cytology/ *ADRENAL

GLANDS, enzymology/ ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ CELL MEMBRANE, enzymology/ CHELATING AGENTS, pharmacodynamics/ CORTICOTROPIN, antagonists & inhibitors/ *CORTICOTROPIN, pharmacodynamics/ *ENZYMES, metabolism/ EPIDIDYMIS/ MALE/ MICROSOMES, drug effects/ MICROSOMES, enzymology/ MITOCHONDRIA, drug effects/ MITOCHONDRIA, enzymology/ RATS/ STIMULATION, CHEMICAL

208. **Baran JS, Langford DD:** The synthesis of 3,11-beta,17-alpha-trihydroxy-19-norpregna-1,3,5(10)-trien-20-one. J Med Chem 12:329-30, Mar 69
ANIMAL EXPERIMENTS/ MICE/ *PREGNANES, chem synthesis/ PREGNANES, pharmacodynamics

209. **Baranov VG, Propp ON, Savchenko ON, et al:** Gipotalamo-gipofizarnaia reguliatsiia polovogo tsikla. Fiziol Zh SSSR Sechenov 53:1367-75, Nov 67 **(Rus)**
ANIMAL EXPERIMENTS/ CASTRATION/ ESTRADIOL, pharmacodynamics/ *ESTRUS/ FEMALE/ *FSH, physiology/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ *LH, physiology/ RATS

210. **Barańska-Pawlowska H:** Wpływ hiperkalcemii na wydzielanie żołądkowe i jej znaczenie w chorobie wrzodowej. Wiad Lek 22:435-40, 1 Mar 69 **(Pol)**
*CALCIUM, pharmacodynamics/ *GASTRIC JUICE, secretion/ HUMAN/ *HYPERCALCEMIA, complications/ HYPOPARATHYROIDISM, complications/ *PEPTIC ULCER, physiopathology/ STOMACH, secretion

211. **Barbara A, Caldana PL:** Considerazioni diagnostiche sui fibromi dell'ovaio.
Pathologica 60:263-73, Jul-Aug 68 **(Ita)**
ADOLESCENCE/ AGED/ BIOPSY/ CYTODIAGNOSIS/ ENGLISH ABSTRACT/ FEMALE/ *FIBROMA, diagnosis/ HISTOLOGICAL TECHNICS/ HUMAN/ MIDDLE AGE/ *OVARIAN NEOPLASMS, diagnosis

212. **Barbara A, Carnevale Arella E:** Problemi anestesiologici negli interventi su tumori ovarici maligni. Minerva Ginec 21:342-3, 31 Mar 69 **(Ita)**
*ANESTHESIA/ FEMALE/ HUMAN/ *OVARIAN NEOPLASMS, surgery

213. **Barbeau A, Gillo-Joffroy L, Boucher R, et al:** Renin-aldosterone system in Parkinson's disease. Science 165:291-2, 18 Jul 69
*ALDOSTERONE, blood/ CATECHOLAMINES, blood/ *DOPA, therapeutic use/ FEMALE/ HUMAN/ *HYPOTENSION, etiology/ MALE/ MIDDLE AGE/ *PARKINSONISM, blood/ *RENIN, blood/ SODIUM, pharmacodynamics/ TRITIUM

214. **Barberini E:** Therapieversuche mit K 33 Suppositorien bei Impotentia coeundi.
Med Welt 19:1139-43, 10 May 69 **(Ger)**
ADULT/ *AMINOBENZOIC ACID, therapeutic use/ *ARGININE, therapeutic use/ ASPARTIC ACID, therapeutic use/ GLUCOCORTICOIDS, urine/ HUMAN/ *IMPOTENCE, drug therapy/ IMPOTENCE, urine/ 17-KETOSTEROIDS, urine/ *LIVER EXTRACTS, therapeutic use/ MALE/ MIDDLE AGE/ *NASAL MUCOSA/ *PANCREAS/ PLACEBOS/ *TISSUE EXTRACTS, therapeutic use/ *VITAMINS, therapeutic use

215. **Bardi A, Merino I, Rendic Y, et al:** Excreción urinaria de magnesio en pacientes de cirrósis hepática tratados con diuréticos orales. Su modificación por la vasopresina. Rev Med Chile 96:415-9, Jun 68 **(Spa)**
ADULT/ ASCITES, complications/ DIURETICS, therapeutic use/ ETHACRYNIC ACID, therapeutic use/ FUROSEMIDE, therapeutic use/ HUMAN/ *LIVER CIRRHOSIS, drug therapy/ *MAGNESIUM, urine/ MALE/ THIAZINES, therapeutic use/ *VASOPRESSIN, therapeutic use

216. **Bargen JA, Aylett SO:** Treatment of ulcerative colitis. Postgrad Med 45:176-80, Apr 69
ACUTE DISEASE/ ADRENAL CORTEX HORMONES, therapeutic use/ COLITIS, ULCERATIVE, drug therapy/ COLITIS, ULCERATIVE, surgery/ *COLITIS, ULCERATIVE, therapy/ ILEUM, surgery/ MALE/ RECTUM, surgery/ RETROSPECTIVE STUDIES

217. **Barker BC, Ehrmann EH:** Human pulp reactions to a glucocorticosteroid-antibiotic compound.
Aust Dent J 14:104-19, Apr 69
*ANTI-INFECTIVE AGENTS, LOCAL, therapeutic use/ CLINICAL RESEARCH/ *DEMETHYLCHLORTETRACYCLINE, therapeutic use/ DENTAL PULP/ *DENTAL PULP, drug effects/ *DENTAL PULP DISEASES, drug therapy/ DENTAL PULP TEST/ DENTIN, SECONDARY, chemically induced/ HUMAN/ PULPITIS, drug therapy/ *TRIAMCINOLONE ACETONIDE, therapeutic use

218. **Barlet JP:** Mise en évidence d'un facteur hypocalcémiant et hypophosphatémiant dans le plasma des vaches laitières; variations du taux de ce facteur au moment du vêlage et dans les case de syndrome vitualaire.
C R Acad Sci [D] (Paris) 268:1864-7, 9 Apr 69 **(Fre)**
ANIMAL EXPERIMENTS/ CALCIUM, blood/ CATTLE/ CATTLE DISEASES, chemically induced/ *DELIVERY/ DEPRESSION, CHEMICAL/ FEMALE/ HYPOCALCEMIA, chemically induced/ LACTATION/ PHOSPHATES, blood/ PREGNANCY/ *PREGNANCY, ANIMAL/ PREGNANCY COMPLICATIONS, veterinary

219. **Barlow JJ, MacLaren JA, Pothier L:** In vivo observations on testosterone and estradiol-17 beta protein binding in women.
J Clin Endocr 29:767-76, Jun 69
ALPHA GLOBULIN/ BLOOD PROTEIN ELECTROPHORESIS/ BLOOD PROTEINS/ CARCINOMA, blood/ CERVIX NEOPLASMS, blood/ ELECTROPHORESIS, DISK/ ESTRADIOL, blood/ *ESTRADIOL, metabolism/ FEMALE/ GEL FILTRATION/ HUMAN/ *PREGNANCY/ PROTEIN BINDING/ SERUM ALBUMIN/ TESTOSTERONE, blood/ *TESTOSTERONE, metabolism/ TRITIUM

220. **Barnaby CF:** Uso dei radionuclidi per l'esplorazione radioisotopica (scanning)
Recent Progr Med (Roma) 46:95-118, Jan 69 **(Ita)**
BONE DISEASES, diagnosis/ BRAIN DISEASES, diagnosis/ KIDNEY DISEASES, diagnosis/ LIVER DISEASES, diagnosis/ LUNG DISEASES, diagnosis/ PANCREATIC DISEASES, diagnosis/ *RADIOISOTOPE SCANNING/ RADIOISOTOPE SCANNING, instrumentation/ *RADIOISOTOPES/ SPLENIC DISEASES, diagnosis/ THYROID DISEASES, diagnosis

221. **Barnes RW:** Treatment of carcinoma. Hormonal treatment and orchiectomy.
Postgrad Med 45:171 passim, Jun 69
*CARCINOMA, therapy/ CASTRATION/ ESTROGENS, therapeutic use/ HUMAN/ MALE/ *PROSTATIC NEOPLASMS, therapy

222. **Barnes S:** Population and the pill.
Nurs Mirror 129:36 passim, 18 Jul 69
CONTRACEPTIVES, ORAL/ FAMILY PLANNING/ GREAT BRITAIN/ POPULATION GROWTH/ SPECIAL LIST NURSING

223. **Barnett AJ, Coventry DA:** Scleroderma. 1. Clinical features, course of illness and response to treatment in 61 cases. Med J Aust 1:992-1001, 10 May 69
ADULT/ AGE FACTORS/ AGED/ AMINOBENZOIC ACID, therapeutic use/ CORTISONE, therapeutic use/ EDTA, therapeutic use/ FEMALE/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 19TH CENT./ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ MALE/ MIDDLE AGE/ POTASSIUM, therapeutic use/ PROGNOSIS/

RAYNAUD'S DISEASE, diagnosis/ SCLERODERMA, complications/ SCLERODERMA, diagnosis/ SCLERODERMA, drug therapy/ SCLERODERMA, history/ *SCLERODERMA, therapy/ SEX FACTORS/ SYMPATHECTOMY

224. **Baron JH, Nabarro JD, Slater JD, et al:** Metabolic studies, aldosterone secretion rate, and plasma renin after carbenoxolone sodium.
Brit Med J 2:793-5, 28 Jun 69
AGED/ *ALDOSTERONE, secretion/ ALKALINE PHOSPHATASE, blood/ AMINOTRANSFERASES, blood/ BODY WEIGHT/ CHLORIDES, metabolism/ DIET, SALT-FREE/ FEMALE/ *GLYCYRRHIZA/ HUMAN/ PEPTIC ULCER, metabolism/ *RENIN, blood/ RENIN, secretion/ SECRETORY RATE/ SODIUM, metabolism/ STIMULATION, CHEMICAL/ TERPENES, administration & dosage/ *TERPENES, therapeutic use

225. **Barr DG, Forfar JO:** Oral calcium-loading test in rickets and in neonatal tetany: effect of vitamin D.
Brit Med J 3:150-2, 19 Jul 69
CALCIUM, blood/ *CALCIUM, diagnostic use/ CHILD, PRESCHOOL/ HUMAN/ HYPOCALCEMIA, drug therapy/ INFANT/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, metabolism/ PHOSPHATES, blood/ *RICKETS, metabolism/ TETANY, drug therapy/ *TETANY, metabolism/ *VITAMIN D, therapeutic use/ VITAMIN D DEFICIENCY, metabolism

226. **Barrick B, O'Kell RT:** Thymic cysts and remnant cervical thymus.
J Pediat Surg 4:355-8, Jun 69
*CHILD/ *CHILD, PRESCHOOL/ *CYSTS, surgery/ *DIAGNOSIS, DIFFERENTIAL/ HUMAN/ MALE/ *NECK NEOPLASMS, diagnosis/ *NECK NEOPLASMS, surgery/ *THYMUS GLAND, abnormalities/ *THYMUS NEOPLASMS, surgery

227. **Barrow MV, Rowland CA:** Prolonged gestation in the rat and its usefulness in experimental teratology.
Teratology 2:125-35, May 69
*ABNORMALITIES, DRUG-INDUCED/ ANIMAL EXPERIMENTS/ CHLORCYCLIZINE/ CRYPTORCHISM, chemically induced/ EDEMA, chemically induced/ EXTREMITIES, abnormalities/ FACE, abnormalities/ FEMALE/ FETUS, drug effects/ *FETUS, growth & development/ JAW, abnormalities/ MALE/ NITRILES/ *PREGNANCY, PROLONGED/ PROGESTERONE/ PROGNATHISM, chemically induced/ RATS/ SPINE, abnormalities/ VITAMIN A

228. **Barta L, Sellyei M, Schmidt K:** Uber die Varianten des Turner-Syndroms.
Acta Paediat Acad Sci Hung 9:305-13, 1968 (Ger)
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ *CHROMOSOME ABNORMALITIES, classification/ FEMALE/ HUMAN/ KARYOTYPING/ MALE/ PHENOTYPE/ *TURNER'S SYNDROME, classification/ TURNER'S SYNDROME, diagnosis

229. **Bartal A, Schiffer J, Weinstein M:** A successful case of basilar bifurcation aneurysm surgery.
Acta Neurochir (Wien) 19:163-70, 1968
ADULT/ *BASILAR ARTERY, surgery/ CARDIOVASCULAR DISEASES/ *CEREBRAL ANEURYSM, surgery/ CEREBRAL ANGIOGRAPHY/ DIABETES INSIPIDUS/ HUMAN/ MALE/ METHODS/ POSTOPERATIVE COMPLICATIONS/ SKULL, radiography/ SPASM/ SURGICAL STAPLERS/ SUTURE TECHNICS

230. **Barton AA, Barton M:** ACTH and decubitus ulceration: an experimental study.
Brit J Pharmacol 36:219-24, Jun 69
ANIMAL EXPERIMENTS/ CORTICOTROPIN, administration & dosage/ *CORTICOTROPIN, therapeutic use/ *DECUBITUS ULCER, drug therapy/ DENERVATION/ EPITHELIUM/ MICE/ MICROSCOPY, ELECTRON/ SCIATIC NERVE/ SKIN, blood supply/ TENDONS/ TIME FACTORS

231. **Barzel US:** Systemic alkalosis in hypoparathyroidism.
J Clin Endocr 29:917-8, Jul 69
ADULT/ *ALKALOSIS, complications/ BLOOD/ CARBON DIOXIDE, blood/ FEMALE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *HYPOPARATHYROIDISM, complications/ MALE/ MIDDLE AGE/ OSSIFICATION, PATHOLOGIC, etiology/ OXYGEN, blood/ PARTIAL PRESSURE

232. **Barzel US, Jowsey J:** The effects of chronic acid and alkali administration on bone turnover in adult rats.
Clin Sci 36:517-24, Jun 69
*AMMONIUM CHLORIDE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BICARBONATES, pharmacodynamics/ BODY WEIGHT/ *BONE AND BONES, metabolism/ BONE RESORPTION, chemically induced/ CALCIUM, blood/ CALCIUM, DIETARY, metabolism/ FEMUR, analysis/ HYDROGEN-ION CONCENTRATION/ MICRORADIOGRAPHY/ PHOSPHORUS, blood/ RATS

233. **Bascoul J, Cocton B, Crastes de Paulet A:** Sur les effets directeurs des transpositions spinales.
Tetrahedron Lett 28:2401-5, Jun 69 (Fre)
*ANDROSTANES/ CHEMISTRY

234. **Bass WM:** Recent developments in the identification of human skeletal material.
Amer J Phys Anthrop 30:459-61, May 69
*AGE DETERMINATION BY SKELETON/ *ANTHROPOLOGY, PHYSICAL/ *BONE AND BONES, anatomy & histology/ FEMALE/ HUMAN/ MALE/ METHODS/ SEX DETERMINATION/ SKELETON

235. **Basset F, Nezelof C:** L'histiocytose X. Microscopie électronique. Culture "in vitro" et histo-enzymologie. Discussion à propos de 21 cas.
Rev Franc Etud Clin Biol 14:31-45, Jan 69 (Fre)
ADULT/ ANIMAL EXPERIMENTS/ BONE AND BONES, pathology/ CELL MEMBRANE/ CHILD/ CHILD, PRESCHOOL/ CYTOPLASM/ ENGLISH ABSTRACT/ EOSINOPHILIC GRANULOMA, pathology/ FEMALE/ FIBROBLASTS/ HAND-SCHUELLER-CHRISTIAN SYNDROME, pathology/ *HISTIOCYTES/ HISTIOCYTES, enzymology/ HISTOCYTOCHEMISTRY/ HUMAN/ IN VITRO/ INFANT/ LETTERER-SIWE DISEASE, pathology/ LIPIDS, biosynthesis/ LUNG, pathology/ LUNG DISEASES, pathology/ MALE/ METABOLIC DISEASES, complications/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ PROTEINS, biosynthesis/ RATS/ RETICULOENDOTHELIOSIS, etiology/ *RETICULOENDOTHELIOSIS, pathology/ SKIN, pathology/ TISSUE CULTURE/ ULTRACENTRIFUGATION/ VIRUS DISEASES, complications

236. **Bassett JM, Thorburn GD:** Foetal plasma corticosteroids and the initiation of parturition in sheep.
J Endocr 44:285-6, Jun 69
*ADRENAL CORTEX HORMONES, blood/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ FEMALE/ *FETUS/ GESTATIONAL AGE/ *LABOR/ PREGNANCY/ SHEEP

237. **Bässler R, Schäfer A:** Elektronenmikroskopische und experimentelle Untersuchungen zur Morphologie der Gynäkomastie.
Verh Deutsch Ges Path 52:491-9, 1968 (Ger)
ADOLESCENCE/ AGED/ ANIMAL EXPERIMENTS/ BREAST, pathology/ ENGLISH ABSTRACT/ ESTRADIOL/ ESTRADIOL, pharmacodynamics/ GYNECOMASTIA, chemically induced/ *GYNECOMASTIA, pathology/ HUMAN/ MALE/ MAMMAE, drug effects/ MAMMAE, pathology/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ RATS

238. **(Bates RW):** Citation of Dr. Robert W. Bates recipient of the Fred Conrat Koch Award for 1969.
J Clin Endocr 29:1003-5, Jul 69
*AWARDS AND PRIZES/ CURRENT BIOG-OBIT/ *ENDOCRINOLOGY, history/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT./ PITUITARY HORMONES, ANTERIOR, isolation & purification

239. **Batrinos ML, Eustratiades MG, Kalliga B:** The use of human menopausal gonadotropins as a test for the differentiation of primary amenorrhea.
Fertil Steril 20:590-8, Jul-Aug 69
ADOLESCENCE/ ADULT/ *AMENORRHEA, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ ESTROGENS, analysis/ FEMALE/ *FSH, diagnostic use/ *GONADOTROPINS, diagnostic use/ HUMAN/ MENOPAUSE/ METHODS/ *OVARIAN DISEASES, diagnosis/ VAGINAL SMEARS

240. **Battaglia FC, Meschia G, Makowski EL:** Comparison of in vitro and in vivo placental permeability measurements. Amer J Physiol 216:1590-4, Jun 69
ANIMAL EXPERIMENTS/ ANTIPYRINE, metabolism/ *CELL MEMBRANE PERMEABILITY/ CHLORIDES, metabolism/ EPITHELIUM, metabolism/ FEMALE/ FETAL MEMBRANES, anatomy & histology/ *FETAL MEMBRANES, metabolism/ IN VITRO/ MONKEYS/ *PLACENTA, metabolism/ SHEEP/ SODIUM, metabolism/ SODIUM ISOTOPES/ TRITIUM/ UREA, metabolism/ WATER, metabolism

241. **Bauchinger M, Schmid E:** Cytogenetische Veränderungen in weissen Blutzellen nach Cyclophosphamidtherapie.
Z Krebsforsch 72:77-87, 1969 **(Ger)**
ADULT/ AGED/ CHROMOSOME ABERRATIONS/ *CHROMOSOMES, analysis/ CHROMOSOMES, drug effects/ CYCLOPHOSPHAMIDE, administration & dosage/ *CYCLOPHOSPHAMIDE, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ GENETICS, HUMAN/ HUMAN/ *LEUKOCYTES, analysis/ LEUKOCYTES, drug effects/ MIDDLE AGE/ *OVARIAN NEOPLASMS, blood/ OVARIAN NEOPLASMS, drug therapy/ POLYPLOIDY/ STATISTICS

242. **Baud CA, Siebenthal J de, Langer B, et al:** Effets de l'administration prolongée de thyrocalcitonine dans l'ostéoporose sénile humaine. Etude clinique, histologique et microradiographique.
Schweiz Med Wschr 99:657-61, May 69 **(Fre)**
AGED/ ALKALINE PHOSPHATASE, blood/ BIOPSY/ CALCIUM, blood/ CALCIUM, urine/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYDROXYAPATITE, metabolism/ ILIUM, pathology/ INJECTIONS, INTRAMUSCULAR/ MICRORADIOGRAPHY/ *OSTEOCYTES, drug effects/ OSTEOPOROSIS, blood/ OSTEOPOROSIS, drug therapy/ *OSTEOPOROSIS, metabolism/ OSTEOPOROSIS, pathology/ OSTEOPOROSIS, radiography/ PHOSPHORUS, blood/ PHOSPHORUS, urine/ PHOTOMETRY/ THYROCALCITONIN, administration & dosage/ *THYROCALCITONIN, pharmacodynamics

243. **Baudet JH:** Les syndromes douloureux du cycle.
Presse Med 77:953-6, 28 May 69 **(Fre)**
ADOLESCENCE/ ADULT/ CERVICITIS, complications/ CERVIX DISEASES, complications/ CERVIX MUCUS, analysis/ DIURETICS, therapeutic use/ *DYSMENORRHEA/ DYSMENORRHEA, etiology/ DYSMENORRHEA, therapy/ ENDOMETRIOSIS, complications/ ESTRONE, analysis/ FEMALE/ HUMAN/ HYPEREMIA, complications/ HYSTERECTOMY/ LEUKORRHEA/ *MENSTRUATION DISORDERS/ MENSTRUATION DISORDERS, etiology/ MENSTRUATION DISORDERS, therapy/ MIGRAINE/ NEUROSES/ OOPHORITIS, complications/ OVULATION/ PAIN/ PARAMETRITIS, complications/ PERITONITIS, complications/ PROGESTATIONAL HORMONES, analysis/ PROGESTATIONAL HORMONES, therapeutic use/ TIME FACTORS/ UTERINE HEMORRHAGE

244. **Bauer V, Capek R:** The effect of 6-azauridine on the peripheral nervous system. II. The action on neuromuscular transmission and on striated muscle.
Int J Neuropharmacol 8:271-7, May 69
ANIMAL EXPERIMENTS/ DIAPHRAGM, drug effects/ ELECTRIC STIMULATION/ FEMALE/ MALE/ *MUSCLE CONTRACTION, drug effects/ *MUSCLES, drug effects/ *NEURAL TRANSMISSION, drug effects/ PHRENIC NERVE, drug effects/ PHYSOSTIGMINE, pharmacodynamics/ RATS/ STIMULATION, CHEMICAL/ TETANY/ TIME FACTORS/ TRIAZINES, administration & dosage/ *TRIAZINES, pharmacodynamics/ TUBOCURARINE, pharmacodynamics

245. **Bauer V, Capek R:** The effects of 6-azauridine on the peripheral nervous system. I. The action on ganglionic transmission. Int J Neuropharmacol 8:263-9, May 69
ACETYLCHOLINE, pharmacodynamics/ *ACTION POTENTIALS, drug effects/ ANIMAL EXPERIMENTS/ ATROPINE, pharmacodynamics/ CATS/ ELECTRIC STIMULATION/ FEMALE/ *GANGLIA, AUTONOMIC, drug effects/ HEXAMETHONIUM COMPOUNDS, pharmacodynamics/ MALE/ *NEURAL TRANSMISSION, drug effects/ PERIPHERAL NERVES, drug effects/ PHYSOSTIGMINE, pharmacodynamics/ RECEPTORS, NEURAL, drug effects/ TETANY/ TIME FACTORS/ *TRIAZINES, pharmacodynamics/ TUBOCURARINE, pharmacodynamics

246. **Baum D, Porte D Jr:** Effect of acute hypoxia on circulating insulin levels. J Clin Endocr 29:991-4, Jul 69
ADRENAL MEDULLA, physiology/ ANIMAL EXPERIMENTS/ *ANOXIA, blood/ BLOOD/ BLOOD SUGAR/ CARBON DIOXIDE, blood/ CATECHOLAMINES, physiology/ DOGS/ GLUCOSE, metabolism/ HYDROGEN-ION CONCENTRATION/ *INSULIN, blood/ OXYGEN, blood/ PARTIAL PRESSURE

247. **Baum J, Vaughan J:** Immunosuppressive drugs in rheumatoid arthritis.
Ann Intern Med 71:202-4, Jul 69 (17 ref.)
*ARTHRITIS, RHEUMATOID, drug therapy/ AZATHIOPRINE, adverse effects/ AZATHIOPRINE, therapeutic use/ CHLORAMBUCIL, adverse effects/ CHLORAMBUCIL, therapeutic use/ CYCLOPHOSPHAMIDE, adverse effects/ CYCLOPHOSPHAMIDE, therapeutic use/ FEMALE/ HUMAN/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ MECHLORETHAMINE, therapeutic use/ MERCAPTOPURINE, adverse effects/ MERCAPTOPURINE, therapeutic use/ METHOTREXATE, therapeutic use/ PREDNISOLONE, therapeutic use/ PREGNANCY/ REVIEW

248. **Baumann HR:** Zur Behandlung des Lungenemphysems.
Ther Umsch 25:592-8, Nov 68 **(Ger)**
ANALEPTICS, therapeutic use/ ANTIBIOTICS, therapeutic use/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ OXYGEN INHALATION THERAPY/ PHYSICAL THERAPY/ PSYCHOTHERAPY/ *PULMONARY EMPHYSEMA, therapy

249. **Baumgarten HG, Braak H, Wartenberg H:** Demonstration of dense core vesicles by means of pyrogallol derivatives in noradrenaline containing neurones from the organon vasculosum hypothalami of Lacerta. Z Zellforsch 95:396-404, 1969
ANIMAL EXPERIMENTS/ BRAIN, analysis/ BRAIN, drug effects/ DOPA, pharmacodynamics/ DOPAMINE, pharmacodynamics/ *HYPOTHALAMUS, cytology/ LIZARDS/ MICROSCOPY, ELECTRON/ *NEURONS, secretion/ NOREPINEPHRINE, analysis/

*NOREPINEPHRINE, secretion/ SEROTONIN, analysis/ SEROTONIN, secretion

250. **Baumgarten HG, Holstein AF:** Adrenerge Innervation im Hoden und Nebenhoden vom Schwan (Cygnus olor) Z Zellforsch 91:402-10, 1968 (Ger)
ANIMAL EXPERIMENTS/ *BIRDS, anatomy & histology/ ENGLISH ABSTRACT/ EPIDIDYMIS, analysis/ *EPIDIDYMIS, anatomy & histology/ EPIDIDYMIS, innervation/ FLUOROMETRY/ HISTOCYTOCHEMISTRY/ LEYDIG CELLS/ MALE/ MICROSCOPY, ELECTRON/ MICROSCOPY, FLUORESCENCE/ NOREPINEPHRINE, analysis/ SPECTRUM ANALYSIS/ *SYMPATHETIC NERVOUS SYSTEM, anatomy & histology/ SYMPATHETIC NERVOUS SYSTEM, physiology/ TESTIS, analysis/ *TESTIS, anatomy & histology/ TESTIS, innervation

251. **Baumslag N, Metz J:** Pigmentation in megaloblastic anaemia associated with pregnancy and lactation. Brit Med J 1:737-9, 21 Jun 69
ANEMIA, MACROCYTIC, blood/ *ANEMIA, MACROCYTIC, complications/ FEMALE/ FOLIC ACID, blood/ FOLIC ACID DEFICIENCY, complications/ HUMAN/ *LACTATION/ METABOLIC DISEASES, complications/ *PIGMENTATION DISORDERS, complications/ PIGMENTATION DISORDERS, etiology/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ VITAMIN B 12 DEFICIENCY, complications

252. **Baust W, Heinemann H:** The role of the baroreceptors and of blood pressure in the regulation of sleep and wakefulness. Exp Brain Res 3:12-24, 1967
ANIMAL EXPERIMENTS/ *BLOOD PRESSURE/ CAROTID SINUS, physiology/ CATS/ DENERVATION/ ELECTROENCEPHALOGRAPHY/ FEEDBACK/ PRESSORECEPTORS, physiology/ *SLEEP/ VAGUS NERVE, physiology/ VASOPRESSIN, pharmacodynamics/ *WAKEFULNESS

253. **Baylé JD, Astier H, Assenmacher I:** Le métabolisme thyroïdien du radio-iode chez les oiseaux après préhypophysectomie ou déconnexion hypothalamo-hypophysaire.
J Physiol (Paris) 59:Suppl:210, 1967 (Fre)
ANIMAL EXPERIMENTS/ *BIRDS/ HYPOPHYSECTOMY/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, metabolism/ *IODINE ISOTOPES/ RADIOISOTOPES

254. **Bayley TA, Higgins HP, Row VV, et al:** The metabolic significance of thyroxine-binding globulin. Studies in a family with decreased thyroxine-binding globulin.
Acta Endocr (Kobenhavn) 61:137-50, May 69
ADOLESCENCE/ ADULT/ AGED/ *BASAL METABOLISM/ BLOOD PROTEIN DISORDERS, familial & genetic/ CHILD/ DIPHENYLHYDANTOIN, therapeutic use/ EPILEPSY, drug therapy/ EPILEPSY, metabolism/ FEMALE/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ KINETICS/ MALE/ PEDIGREE/ SEX CHROMOSOMES/ *THYROXINE, pharmacodynamics/ *THYROXINE-BINDING PROTEIN, metabolism/ *TRIIODOTHYRONINE, pharmacodynamics

255. **Bazin C, Blayo MC, Gaudebout C, et al:** Méningite tuberculeuse de l'adulte. Sur quelques aspects cliniques biologiques et thérapeutiques actuels. A propos de 58 cas récents.
Presse Med 77:623-6, 5 Apr 69 (Fre)
ACID-BASE EQUILIBRIUM/ ALBUMINS, cerebrospinal fluid/ CARBON DIOXIDE, blood/ CHLORIDES, blood/ CORTISONE, therapeutic use/ DIAGNOSIS, DIFFERENTIAL/ ELECTROENCEPHALOGRAPHY/ ENCEPHALITIS, diagnosis/ ENGLISH ABSTRACT/ ETHIONAMIDE, therapeutic use/ GLUCOSE, cerebrospinal fluid/ HUMAN/ HYDROGEN-ION CONCENTRATION/ ISONIAZID, therapeutic use/ LACTATES, blood/ LACTATES, cerebrospinal fluid/ MENINGITIS, diagnosis/ MENINGITIS, VIRAL, diagnosis/ METHODS/ NEUROLOGIC MANIFESTATIONS/ OXYGEN, blood/ SODIUM, blood/ SODIUM, cerebrospinal fluid/ SPINAL CORD DISEASES, diagnosis/ STREPTOMYCIN, therapeutic use/ *TUBERCULOSIS, MENINGEAL/ TUBERCULOSIS, MENINGEAL, diagnosis/ TUBERCULOSIS, MENINGEAL, drug therapy

256. **Beal VA:** Breast-and formula-feeding of infants. J Amer Diet Ass 55:31-7, Jul 69
AGE FACTORS/ BIRTH WEIGHT/ BODY HEIGHT/ *BREAST FEEDING/ DIETARY CARBOHYDRATES/ DIETARY FATS/ DIETARY PROTEINS/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ *INFANT NUTRITION/ LACTATION/ MALE/ *MILK/ *MILK, HUMAN/ NUTRITION SURVEYS/ PREGNANCY/ SEX FACTORS/ TIME FACTORS/ VITAMINS

257. **Beall G, Doniach D, Roitt I, et al:** Inhibition of the long-acting thyroid stimulator (LATS) by soluble thyroid fractions. J Lab Clin Med 73:988-99, Jun 69
CENTRIFUGATION, DENSITY GRADIENT/ ELECTROPHORESIS/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HUMAN/ *LONG-ACTING THYROID STIMULATOR, antagonists & inhibitors/ SOLUBILITY/ THYROGLOBULIN/ *THYROID GLAND

258. **Beals RK:** Hypochondroplasia. A report of five kindreds. J Bone Joint Surg [Amer] 51:728-36, Jun 69
ACHONDROPLASIA, diagnosis/ ADOLESCENCE/ BIRTH WEIGHT/ BODY HEIGHT/ CHILD/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ *DWARFISM/ DWARFISM, radiography/ FEMALE/ *FIBULA, abnormalities/ FIBULA, radiography/ GROWTH/ HUMAN/ LUMBAR VERTEBRAE, radiography/ MALE/ PEDIGREE/ *RADIUS, abnormalities/ RADIUS, radiography/ *TIBIA, abnormalities/ TIBIA, radiography/ *ULNA, abnormalities/ ULNA, radiography

259. **Bean SF, Fusaro RM:** Atypical cutaneous herpes simplex infection associated with acute myelogenous leukemia.
Acta Dermatovener (Stockholm) 49:94-6, 1969
AGED/ FEMALE/ *HERPES SIMPLEX, complications/ HUMAN/ *LEUKEMIA, MYELOBLASTIC, complications/ MERCAPTOPURINE, adverse effects/ PREDNISONE, adverse effects

260. **Beary DF:** The effects of fluoride and low calcium on the physical properties of the rat femur.
Anat Rec 164:305-16, Jul 69
ADRENAL GLANDS, anatomy & histology/ ANIMAL EXPERIMENTS/ BIOMECHANICS/ BODY WEIGHT/ *CALCIUM, DIETARY, pharmacodynamics/ FEMALE/ FEMUR, analysis/ *FEMUR, drug effects/ FLUORIDES, analysis/ FLUORIDES, pharmacodynamics/ ORGAN WEIGHT/ RATS

261. **Beas F, Flores H:** Characterization and properties of a new placental protein.
Nature (London) 221:574, 8 Feb 69
ELECTROPHORESIS/ FEMALE/ GEL DIFFUSION TESTS/ GEL FILTRATION/ *HORMONES, isolation & purification/ HUMAN/ *PLACENTA, analysis/ PREGNANCY/ *PROTEINS, isolation & purification/ RATS/ UTERUS, immunology

262. **Beas F, Vargas L, Spada RP, et al:** Pseudoprecocious puberty in infants caused by a dermal ointment containing estrogens. J Pediat 75:127-30, Jul 69
ABDOMEN/ ANIMAL EXPERIMENTS/ BREAST DISEASES, chemically induced/ CHILD, PRESCHOOL/ DERMATITIS, prevention & control/ *DERMATOLOGIC AGENTS, adverse effects/ *ESTROGENS, adverse effects/ FEMALE/ GUINEA PIGS/ GYNECOMASTIA, chemically induced/ HAIR/ HUMAN/ INFANT/ MALE/ OINTMENTS/ PIGMENTATION DISORDERS, chemically induced/ *PUBERTY, PRECOCIOUS, chemically induced

263. **Beatty RA**: Genetic content and buoyant density of rabbit spermatozoa. J Reprod Fertil 19:379-84, Jul 69
ANIMAL EXPERIMENTS/ BIRTH WEIGHT/ CENTRIFUGATION, DENSITY GRADIENT/ FEMALE/ *GENES/ HAPLOIDY/ MALE/ RABBITS/ SEX CHROMOSOMES/ *SPERMATOZOA, cytology

264. **Beaudoing A, Bost M, Pont J, et al**: Nanisme thanatophore. Une observation anatomo-clinique. Pediatrie 24:459-61, Jun 69 (Fre)
*DWARFISM, etiology/ FEMALE/ *FETAL DEATH, etiology/ HUMAN/ INFANT, NEWBORN/ LIPOCHONDRODYSTROPHY, mortality

265. **Beck P, Wells SA**: Comparison of the mechanisms underlying carbohydrate intolerance in subclinical diabetic women during pregnancy and during post-partum oral contraceptive steroid treatment. J Clin Endocr 29:807-18, Jun 69
ADULT/ ANIMAL EXPERIMENTS/ CHOLESTEROL, blood/ COMPARATIVE STUDY/ *CONTRACEPTIVES, ORAL, therapeutic use/ ETHYNODIOL DIACETATE, therapeutic use/ FEMALE/ *GLUCOSE, metabolism/ GLUCOSE TOLERANCE TEST/ HUMAN/ HYDROCORTISONE, pharmacodynamics/ INSULIN, diagnostic use/ *INSULIN, metabolism/ *MESTRANOL, therapeutic use/ MONKEYS/ PREDNISOLONE, diagnostic use/ *PREGNANCY/ *PREGNANCY IN DIABETES/ PUERPERIUM/ SOMATOTROPIN, blood/ TIME FACTORS/ TRIGLYCERIDES, blood

266. **Becke RF**: The nature and treatment of psoriasis. Med J Aust 1:1196-200, 7 Jun 69
ADRENAL CORTEX HORMONES, therapeutic use/ ANTINUCLEAR FACTORS, therapeutic use/ ARTHRITIS, diagnosis/ AZATHIOPRINE, therapeutic use/ DIAGNOSIS, DIFFERENTIAL/ DIET/ DIET THERAPY/ HUMAN/ HYPNOTICS AND SEDATIVES, therapeutic use/ PSORIASIS, classification/ PSORIASIS, diagnosis/ *PSORIASIS, drug therapy/ PSORIASIS, etiology/ *PSORIASIS, pathology/ REST/ SKIN DISEASES, diagnosis

267. **Becker EL**: F. The relation of complement to other systems.
Proc Roy Soc [Biol] 173:383-92, 1 Jul 69 (35 ref.)
ANGIONEUROTIC EDEMA, enzymology/ ANGIOTENSIN/ ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS/ BLOOD COAGULATION/ BLOOD COAGULATION FACTORS/ BLOOD PLATELETS/ *COMPLEMENT/ FIBRINOLYSIN/ HEMOLYSIS/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR/ PERMEABILITY GLOBULINS/ RENIN/ REVIEW

268. **Becker FF**: Cell division in normal mammalian tissues. Ann Rev Med 20:243-58, 1969 (98 ref.)
ALDEHYDES, pharmacodynamics/ BLOOD PROTEINS, antagonists & inhibitors/ *CELL DIVISION/ CYTOPLASM, analysis/ DNA, biosynthesis/ ERYTHROPOIESIS/ ESTROGENS, pharmacodynamics/ GLYCOGEN, pharmacodynamics/ GLYCOPROTEINS, isolation & purification/ ISOPROTERENOL, pharmacodynamics/ KIDNEY, cytology/ KIDNEY, physiology/ LIVER, cytology/ LIVER, physiology/ MITOCHONDRIA, metabolism/ REVIEW/ RIBOSOMES, metabolism/ RNA, biosynthesis

269. **Becker H, Gasteyer KH**: Behandlung der Lageanomalien des Hodens.
Med Klin 64:644-8, 4 Apr 69 (Ger)
ADOLESCENCE/ AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ CRYPTORCHISM, classification/ CRYPTORCHISM, diagnosis/ CRYPTORCHISM, drug therapy/ CRYPTORCHISM, etiology/ CRYPTORCHISM, surgery/ *CRYPTORCHISM, therapy/ DIAGNOSIS, DIFFERENTIAL/ GONADOTROPINS, CHORIONIC, adverse effects/ GONADOTROPINS, CHORIONIC, therapeutic use/ HUMAN/ INFANT/ INGUINAL HERNIA, surgery/ MALE/ STERILITY, MALE

270. **Becker KH, Lorenz D**: Antagonistische Beeinflussung von Kreislaufreaktionen nach Angiotensin und Vasopressin am narkotisierten Hund.
Naunyn Schmiedeberg Arch Pharm Exp Path 260:95, 1968 (Ger)
ACETYLCHOLINE, pharmacodynamics/ AMINO ALCOHOLS, pharmacodynamics/ AMINOBENZOIC ACID/ *ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ BENZOATES, pharmacodynamics/ CORONARY DISEASE, drug therapy/ *CORONARY VESSELS, drug effects/ DILATATION/ DIPYRIDAMOLE, pharmacodynamics/ DOGS/ GLYCERYL TRINITRATE, pharmacodynamics/ GUANETHIDINE, pharmacodynamics/ ISOPROTERENOL, pharmacodynamics/ MODELS, BIOLOGIC/ NOREPINEPHRINE, pharmacodynamics/ PRENYLAMINE, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ STROPHANTHIN, pharmacodynamics/ *VASODILATOR AGENTS, pharmacodynamics/ *VASOPRESSIN, pharmacodynamics

271. **Beckman AL, Carlisle HJ**: Effect of intrahypothalamic infusion of acetylcholine on behavioural and physiological thermoregulation in the rat.
Nature (London) 221:561-2, 8 Feb 69
*ACETYLCHOLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ATROPINE, pharmacodynamics/ *BEHAVIOR, ANIMAL, drug effects/ *BODY TEMPERATURE REGULATION, drug effects/ CHLORIDES, pharmacodynamics/ *HYPOTHALAMUS, drug effects/ HYPOTHERMIA, INDUCED/ MALE/ RATS

272. **Beckmann R**: Zum Wirkungsmechanismus der Biguanide beim Menschen.
Arzneimitteiforschung 19:628-33, Apr 69 (106 ref.) (Ger)
ADRENAL GLANDS, drug effects/ ARTERIES/ *BIGUANIDES, pharmacodynamics/ BLOOD SUGAR, analysis/ DEPRESSION, CHEMICAL/ DIABETES MELLITUS, blood/ GLUCOSE, metabolism/ HUMAN/ INSULIN, blood/ LACTATES, blood/ LIVER, drug effects/ LIVER, metabolism/ MUSCLES, drug effects/ NITROGEN, blood/ OXIDATION-REDUCTION/ PANCREAS, drug effects/ PHENFORMIN, pharmacodynamics/ PHOSPHATES, blood/ POTASSIUM, blood/ PYRUVATES, blood/ REVIEW/ STIMULATION, CHEMICAL/ VEINS

273. **Bedrossian RH**: The treatment of ocular inflammation with hydroxymesterone.
Trans Pacif Coast Otoophthal Soc 49:185-95, 1968
*CONJUNCTIVITIS, drug therapy/ GLAUCOMA, chemically induced/ *GLAUCOMA, drug therapy/ *HERPES ZOSTER, OCULAR, drug therapy/ *IRITIS, drug therapy/ *KERATITIS, drug therapy/ *KERATITIS, DENDRITIC, drug therapy/ *PROGESTERONE, therapeutic use/ RETROSPECTIVE STUDIES

274. **Běhounek F**: Accidents of nuclear power plants and the hazard to the public.
Sborn Ved Prac Lek Fak Karlov Univ 11:415-24, 1968
ADULT/ AIR POLLUTION, RADIOACTIVE/ CZECHOSLOVAKIA/ ENVIRONMENTAL EXPOSURE/ FOOD CONTAMINATION, RADIOACTIVE/ HUMAN/ INFANT/ INFANT, NEWBORN/ IODINE ISOTOPES/ MATHEMATICS/ METHODS/ MILK/ NUCLEAR REACTORS/ *RADIATION EFFECTS/ *RADIATION INJURY, prevention & control/ RADIATION PROTECTION/ RADIOMETRY/ THYROID GLAND, radiation effects/ THYROID NEOPLASMS, chemically induced/ UNITED STATES

275. **Behrend A, Piezas MC**: Treatment of complicated intestinal obstructions by use of the Baker tube.
Int Surg 52:83-7, Jul 69

ADHESIONS, complications/ AGED/ CASTRATION/ CECAL NEOPLASMS, surgery/ CHOLECYSTECTOMY/ FEMALE/ HERNIA, complications/ HUMAN/ INTESTINAL FISTULA, occurrence/ INTESTINAL OBSTRUCTION, etiology/ *INTESTINAL OBSTRUCTION, surgery/ *INTUBATION, GASTROINTESTINAL/ JEJUNUM, surgery/ MALE/ METHODS/ MIDDLE AGE/ OVARY, surgery/ POSTOPERATIVE COMPLICATIONS, occurrence/ SIGMOID NEOPLASMS, surgery/ WATER-ELECTROLYTE BALANCE

276. **Behrman HR, Amstrong DT**: Cholesterol esterase stimulation by luteinizing hormone in luteinized rat ovaries. Endocrinology 85:474-80, Sep 69
ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *CHOLESTEROL, metabolism/ *ESTERASES, metabolism/ ESTERS, metabolism/ FEMALE/ FLUOROMETRY/ *LH, pharmacodynamics/ OVARY, drug effects/ *OVARY, enzymology/ OVARY, metabolism/ PALMITIC ACID, metabolism/ RATS/ STIMULATION, CHEMICAL/ THEOPHYLLINE, pharmacodynamics/ TRITIUM

277. **Behrman HR, Armstrong DT**: Mechanism of ovarian cholesterol mobilization by luteinizing hormone. J Reprod Fertil 18:162, Feb 69
ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ *CHOLESTEROL, metabolism/ ESTERASES, metabolism/ FEMALE/ IN VITRO/ KINETICS/ *LH, pharmacodynamics/ *OVARY, drug effects/ OVARY, enzymology/ PALMITIC ACID, biosynthesis/ RATS

278. **Beitz DC, Mohrenweiser HW, Thomas JW, et al**: Synthesis of milk proteins in a cell-free system isolated from lactating bovine mammary tissue. Arch Biochem 132:210-22, Jun 69
ALBUMINS, biosynthesis/ AMINO ACIDS/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ *CASEIN, biosynthesis/ CATTLE/ CELL-FREE SYSTEM/ CHLORAMPHENICOL, pharmacodynamics/ CYCLOHEXIMIDE, pharmacodynamics/ DEOXYRIBONUCLEASE, pharmacodynamics/ FEMALE/ FLUORIDES, pharmacodynamics/ GEL DIFFUSION TESTS/ IN VITRO/ *LACTATION/ *LACTOGLOBULINS, biosynthesis/ LEUCINE, metabolism/ LIGASES, metabolism/ MAGNESIUM, pharmacodynamics/ *MAMMAE, metabolism/ MICROSOMES, metabolism/ PUROMYCIN, pharmacodynamics/ RADIOAUTOGRAPHY/ RIBONUCLEASE, pharmacodynamics/ RIBOSOMES, metabolism/ RNA, SOLUBLE, metabolism

279. **Bekier A**: Thyroxinbindende Beta-Globuline während einer subakuten Thyreoiditis.
Nuclearmedizin 8:75-82, 15 Apr 69 **(Ger)**
*BETA GLOBULIN, metabolism/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ MIDDLE AGE/ PAPER/ PROTEIN-BOUND IODINE TEST/ RADIOISOTOPE SCANNING/ *THYROIDITIS, blood/ THYROXINE, blood/ *THYROXINE-BINDING PROTEIN, metabolism/ TRIIODOTHYRONINE, blood

280. **Beliaeva AP, Agapeeva NE, Sil'nitskiĭ PA**: Ostryĭ appenditsit u bol'nykh khronicheskoĭ nedostatochnost'iu nadpochechnikov.
Khirurgiia (Moskva) 43:75-8, Mar 67 **(Rus)**
ACUTE DISEASE/ *ADDISON'S DISEASE, complications/ ADULT/ *APPENDICITIS, complications/ FEMALE/ HUMAN/ MALE

281. **Belither A**: The effect of bradykinin on spontaneous and induced contractions of human uterine muscle in vitro. Canad J Physiol Pharmacol 47:223-6, Feb 69
ACETATES, pharmacodynamics/ ACETIC ACIDS, pharmacodynamics/ BRADYKININ, antagonists & inhibitors/ *BRADYKININ, pharmacodynamics/ CHLOROBUTANOL, pharmacodynamics/ DRUG ANTAGONISM/ FEMALE/ HUMAN/ IN VITRO/ *MUSCLE CONTRACTION, drug effects/ *MUSCLE, SMOOTH, drug effects/ OXYTOCIN, antagonists & inhibitors/ OXYTOCIN, pharmacodynamics/ PLACEBOS/ PREGNANCY/ UTERUS, drug effects/ VEHICLES

282. **Bell ET**: The assay of follicle-stimulating hormone by the ovarian augmentation test in nine mouse colonies. J Reprod Fertil 18:546, Apr 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ FEMALE/ *FSH, analysis/ GONADOTROPINS, analysis/ MICE/ ORGAN WEIGHT/ *OVARY, drug effects

283. **Bell JL**: Comparative study of immunological tests for pregnancy diagnosis. J Clin Path 22:79-83, Jan 69
BACTERIURIA/ COMPLEMENT FIXATION TESTS/ FEMALE/ *GONADOTROPINS, CHORIONIC, urine/ HEMAGGLUTINATION INHIBITION TESTS/ HEMATURIA/ HUMAN/ HYDATIDIFORM MOLE/ PREGNANCY/ PREGNANCY COMPLICATIONS/ PREGNANCY, ECTOPIC/ *PREGNANCY TESTS/ PROTEINURIA

284. **Bell JW**: Kri i Paste. New Zeal Dent J 65:96-106, Apr 69
ANIMAL EXPERIMENTS/ *ANTI-INFECTIVE AGENTS, pharmacodynamics/ *BONE REGENERATION, drug effects/ *CAMPHOR, pharmacodynamics/ *CONNECTIVE TISSUE, drug effects/ IODINE, pharmacodynamics/ MENTHOL, pharmacodynamics/ *PHENOLS, pharmacodynamics/ RATS/ *ROOT CANAL THERAPY

285. **Bellet S, Roman L, Barham F**: Effect of physical exercise on adrenocortical excretion. Metabolism 18:484-7, Jun 69
*ADRENAL GLANDS, secretion/ ADULT/ CORTICOSTERONE, urine/ *EXERTION/ FEMALE/ HUMAN/ HYDROCORTISONE, urine/ MALE/ PREGNANES, urine/ STEROLS, urine

286. **Bellomi C**: Cortisonicoterapia sintonizzata con il bioritmo circadiano della increzione corticosurrenalica.
Rass Trim Odont 49:251-7, Jul-Sep 68 **(Ita)**
*ADRENAL GLANDS, secretion/ *CIRCADIAN RHYTHM/ *CORTICOTROPIN, secretion/ *CORTISONE, therapeutic use/ HUMAN/ PITUITARY GLAND, secretion/ TRIAMCINOLONE, administration & dosage

287. **Bellone F**: Contributo alla conoscenza della sindrome di Turner. Quadri anatomo-istologici dell'apparato genitale. Arch Sci Med (Torino) 125:560-9, Nov 68 **(Ita)**
FEMALE/ *GENITALIA, FEMALE, pathology/ HUMAN/ MIDDLE AGE/ *SEX CHROMOSOME ABNORMALITIES/ *TURNER'S SYNDROME, pathology

288. **Belloni C, Biscatti G, Beretta L**: Effetti della somministrazione per via orale di enzimi proteolitici su taluni indici serici nel corso dell'epatite virale in soggetti in età pediatrica.
Minerva Pediat 21:314-6, 25 Feb 69 **(Ita)**
*ALANINE AMINOTRANSFERASE, blood/ *ASPARTATE AMINOTRANSFERASE, blood/ *BILIRUBIN, blood/ CHILD, PRESCHOOL/ FOLIC ACID, pharmacodynamics/ HEPATITIS, INFECTIOUS, drug therapy/ *HEPATITIS, INFECTIOUS, enzymology/ HUMAN/ INFANT/ MURAMIDASE, pharmacodynamics/ PEPTIDE HYDROLASES, pharmacodynamics/ PREDNISONE, pharmacodynamics/ TESTOSTERONE, pharmacodynamics/ VITAMIN B 12, pharmacodynamics

289. **Bénard B, DeGroot LJ**: The role of hydrogen peroxide and glutathione in glucose oxidation by the thyroid. Biochim Biophys Acta 184:48-53, 17 Jun 69
ANIMAL EXPERIMENTS/ CARBON DIOXIDE, metabolism/ CARBON ISOTOPES/ CATALASE, pharmacodynamics/ CATTLE/ ETHYLMALEIMIDE, pharmacodynamics/ *GLUCOSE, metabolism/ GLUTATHIONE, pharmacodynamics/ *GLUTATHIONE, physiology/ HEXOSEPHOSPHATES,

metabolism/ HYDROGEN PEROXIDE, pharmacodynamics/ *HYDROGEN PEROXIDE, physiology/ IN VITRO/ NADP, metabolism/ SPECTROPHOTOMETRY/ THYROID GLAND, drug effects/ *THYROID GLAND, metabolism/ THYROTROPIN, pharmacodynamics

290. **Benassi CA**: I farmaci contracettivi.
Farmaco [Prat] 22:757-70, Dec 67 (Ita)
CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, chem synthesis/ HUMAN/ NORETHINDRONE, chem synthesis/ POPULATION CONTROL/ PROGESTERONE, chem synthesis/ SAMPLING STUDIES

291. **Benatti C, Balli F, Basenghi G**: Cataratta subcapsulare posteriore e corticoterapia protratta. Contributo casistico. Minerva Pediat 21:492-7, 24 Mar 69 (Ita)
ADOLESCENCE/ *ADRENAL CORTEX HORMONES, adverse effects/ ADULT/ *CATARACT, etiology/ CHILD/ CHILD, PRESCHOOL/ HUMAN/ *NEPHROSIS, LIPOID, drug therapy

292. **Benckhuijsen C**: Chemotherapy and the life cycle of leukaemic cells. A comparison between the growth characteristics of human acute leukaemia and the murine leukaemia L 1210.
Folia Med Neerl 12:74-84, 2 Dec 69 (51 ref.)
ANIMAL EXPERIMENTS/ CELL DIVISION/ CYCLOPHOSPHAMIDE, therapeutic use/ CYTARABINE, therapeutic use/ DNA, NEOPLASM, biosynthesis/ FLUOROURACIL, therapeutic use/ HUMAN/ HYDROXYUREA, therapeutic use/ IN VITRO/ *LEUKEMIA, drug therapy/ LEUKEMIA, pathology/ LEUKEMIA L1210, drug therapy/ LEUKEMIA, LYMPHOBLASTIC, drug therapy/ MECHLORETHAMINE, therapeutic use/ MERCAPTOPURINE, therapeutic use/ METHOTREXATE, therapeutic use/ MICE/ MITOSIS/ NITROSO COMPOUNDS, therapeutic use/ PHTHALANILIDES, therapeutic use/ PREDNISONE, therapeutic use/ REVIEW/ THYMIDINE/ TIME FACTORS/ TRITIUM/ VINBLASTINE, therapeutic use/ VINCRISTINE, therapeutic use

293. **Bender MA, Kastenbaum MA**: Statistical analysis of the normal human karyotype.
Amer J Hum Genet 21:322-51, Jul 69
ADULT/ *CHROMOSOMES/ CHROMOSOMES, HUMAN, 13-15/ CHROMOSOMES, HUMAN, 21-22/ COMPUTERS, DIGITAL/ CYTOGENETICS/ FEMALE/ HUMAN/ *KARYOTYPING/ LEUKOCYTES, cytology/ MALE/ SEX CHROMOSOMES/ SEX FACTORS

294. **Bene M, Radu H, Kocsis M, et al**: Le syndrome de Laurence-Moon-Bardet-Biedl. A propos de sept observations personelles.
Ann Pediat (Paris) 16:57-61, 2 Jan 69 (Fre)
ADOLESCENCE/ CHILD/ CHILD DEVELOPMENT DEVIATIONS/ CHILD, PRESCHOOL/ CONSANGUINITY/ ELECTRORETINOGRAPHY/ EYE MANIFESTATIONS/ FEMALE/ HUMAN/ HYPOGONADISM, complications/ *LAURENCE-MOON-BIEDL SYNDROME, diagnosis/ LAURENCE-MOON-BIEDL SYNDROME, occurrence/ MALE/ MENTAL RETARDATION/ NEUROLOGIC MANIFESTATIONS/ *OPTIC NERVE, abnormalities/ RETINA, pathology/ *RETINITIS PIGMENTOSA, congenital/ RETINITIS PIGMENTOSA, pathology/ SYNDACTYLIA

295. **Benedetti A, Bucciante G, Cattano G, et al**: La gotta nell'evoluzione del morbo di von Gierke.
Minerva Med 60:1849-59, 12 May 69 (Ita)
ADOLESCENCE/ ADULT/ ALLOPURINOL, therapeutic use/ CHILD/ FEMALE/ *GLUCOSEPHOSPHATASE DEFICIENCY, complications/ *GLYCOGENOSIS, complications/ *GOUT, etiology/ HEPATOMEGALY, etiology/ HUMAN/ HYPERLIPEMIA, complications/ JOINT DISEASES, etiology/ LACTATES, metabolism/ MALE/ MIDDLE AGE/ OSTEOPOROSIS, etiology/ PURINES, metabolism/ URIC ACID, blood/ URICOSURIC AGENTS, therapeutic use

296. **Benedetti G, Ulivieri P**: Therapeutic usefulness of the association of "adrenocortical extracts, liver extracts and vitamin B 12". Farmaco [Prat] 22:590-605, Oct 67
ADRENAL CORTEX HORMONES, analysis/ ADULT/ AGED/ ANEMIA, drug therapy/ CHROMATOGRAPHY, THIN LAYER/ DRUG SYNERGISM/ FEMALE/ *GLUCOCORTICOIDS, therapeutic use/ HUMAN/ *LIVER EXTRACTS, therapeutic use/ MALE/ MIDDLE AGE/ *VITAMIN B 12, therapeutic use

297. **Bengtsson LP**: Experiments on the control of myometrial activity in the non-pregnant woman.
Postgrad Med J 45:73-4, Jan 69
ESTROGENS, physiology/ ETHINYL ESTRADIOL, pharmacodynamics/ FEMALE/ HUMAN/ MENSTRUATION/ PROGESTATIONAL HORMONES, physiology/ UTERUS, drug effects/ *UTERUS, physiology

298. **Benhamou JP, Debray C, Hamburger J, et al**: Conduite à tenir devant une hématémèse grave.
Presse Med 77:355-8, 22 Feb 69 (Fre)
ADRENAL CORTEX HORMONES, adverse effects/ ANTI-INFLAMMATORY AGENTS, adverse effects/ ASPIRIN, adverse effects/ BLOOD TRANSFUSION/ BLOOD VOLUME DETERMINATION/ ESOPHAGEAL VARICES, complications/ GASTRECTOMY/ GASTRIC HYPOTHERMIA/ GASTRIC LAVAGE, instrumentation/ GASTROSCOPY/ HEMATEMESIS, etiology/ *HEMATEMESIS, therapy/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HEMOSTASIS/ HUMAN/ LIVER CIRRHOSIS, complications/ MALLORY-WEISS SYNDROME, diagnosis/ PEPTIC ULCER, complications/ PHENYLBUTAZONE, adverse effects/ PORTACAVAL ANASTOMOSIS/ STOMACH, radiography

299. **Benirschke K**: Models for cytogenetics and embryology. Fed Proc 28:170-8, Jan-Feb 69 (76 ref.)
ABORTION, familial & genetic/ ABORTION, VETERINARY, familial & genetic/ ADRENOGENITAL SYNDROME, etiology/ ANIMAL EXPERIMENTS/ ARTIODACTYLA/ CATS/ CATTLE/ CHROMOSOME ABERRATIONS/ CYTOGENETICS/ EDENTATA/ HAMSTERS/ *HEREDITARY DISEASES/ *HEREDITARY DISEASES, familial & genetic/ HERMAPHRODITISM, familial & genetic/ HORSES/ KARYOTYPING/ MICE/ MINK/ MONKEYS/ MOSAICISM/ PLACENTA, abnormalities/ REVIEW/ SEX CHROMOSOMES, physiology/ STERILITY/ SWINE/ TRISOMY/ TURNER'S SYNDROME, etiology/ TWINS

300. **Benjamin F, Casper DJ, Kolodny HH**: Immunoreactive human growth hormone in conditions associated with galactorrhea. Obstet Gynec 34:34-9, Jul 69
ADULT/ BLOOD SUGAR, analysis/ CHIARI-FROMMEL SYNDROME, metabolism/ CHLORPROMAZINE, adverse effects/ FEMALE/ GLUCOSE TOLERANCE TEST/ HUMAN/ IMMUNOASSAY/ LACTATION DISORDERS, blood/ LACTATION DISORDERS, chemically induced/ *LACTATION DISORDERS, metabolism/ PROLACTIN, secretion/ PUERPERIUM/ SOMATOTROPIN, blood/ *SOMATOTROPIN, secretion

301. **Benkö S, Varga L, László F**: Glycoproteins and mucopolysaccharides in the methylcellulose treated rat. Acta Med Acad Sci Hung 26:93-101, 1969
ANIMAL EXPERIMENTS/ *BLOOD PROTEINS, analysis/ FEMALE/ *GLYCOPROTEINS, analysis/ HEXOSES, analysis/ HYPOPHYSECTOMY/ KIDNEY, analysis/ LIVER, analysis/ MALE/ *METHYLCELLULOSE, pharmacodynamics/ *MUCOPOLYSACCHARIDES, analysis/ NEURAMINIC ACIDS, analysis/ *PITUITARY GLAND, physiology/ RATS/ STIMULATION, CHEMICAL

302. **Benoit P, Raymond R, Glorieux FH**: Purpura fulminans.

Canad Med Ass J 101:42-6, 12 Jul 69 (17 ref.) (Fre)
ADRENAL CORTEX HORMONES, therapeutic use/ AMINOCAPROIC ACID, therapeutic use/ ANESTHESIA, CONDUCTION/ BLOOD TRANSFUSION/ CHICKENPOX, complications/ CHILD/ DEXTRAN, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, therapeutic use/ GANGLIA, AUTONOMIC/ HEPARIN, therapeutic use/ HUMAN/ HYPERBARIC OXYGENATION/ PURPURA, blood/ PURPURA, complications/ PURPURA, physiopathology/ *PURPURA, therapy/ REVIEW/ SHWARTZMAN PHENOMENON, physiopathology

303. **Benveniste J, Salomon JC**: Etude de l'action immuno-dépressive de la prednisolone sur des souris axéniques et holoxéniques.
Path Biol (Paris) 17:133-42, Feb 69 (Fre)
ANIMAL EXPERIMENTS/ *ANTIGEN-ANTIBODY REACTIONS, drug effects/ ENGLISH ABSTRACT/ *ERYTHROCYTES, immunology/ GERM-FREE LIFE/ *IMMUNOSUPPRESSIVE AGENTS, pharmacodynamics/ MICE/ *PREDNISOLONE, pharmacodynamics/ RATS/ *SALMONELLA TYPHOSA, immunology

304. **Bercovici B, Polishuk WZ**: The vaginal cytology following intra-amnionic injection of hypertonic solutions in the second trimester of pregnancy.
Acta Cytol (Balt) 13:99-103, Feb 69
*ABORTION, THERAPEUTIC/ BACILLUS, isolation & purification/ CELL NUCLEUS, drug effects/ FEMALE/ HUMAN/ *HYPERTONIC SOLUTIONS, pharmacodynamics/ *HYPERTONIC SOLUTIONS, therapeutic use/ PLACENTA, drug effects/ PLACENTA, physiology/ *PREGNANCY/ STAINS AND STAINING/ TIME FACTORS/ *VAGINA, cytology/ VAGINA, microbiology

305. **Berenbium I**: A re-evaluation of the concept of cocarciongenesis.
Progr Exp Tumor Res 11:21-30, 1969 (33 ref.)
ANIMAL EXPERIMENTS/ ANTINEOPLASTIC AGENTS, pharmacodynamics/ CELL TRANSFORMATION, NEOPLASTIC, drug effects/ CROTON OIL/ HORMONES/ HUMAN/ MICE/ NEOPLASMS, chemically induced/ *NEOPLASMS, etiology/ NEOPLASMS, prevention & control/ NEOPLASMS, EXPERIMENTAL/ NEOPLASMS, RADIATION-INDUCED/ ONCOGENIC VIRUSES/ PAPILLOMA, chemically induced/ PAPILLOMA, etiology/ REVIEW/ SKIN NEOPLASMS, chemically induced/ SKIN NEOPLASMS, etiology/ STIMULATION, CHEMICAL

306. **Berezhnaia LA**: O vliianii khlorakhindifosfata na gliukokortikoidnuiu funktsiiu kory nadpochechnikov u bol'nykh krasnoĭ volchankoĭ.
Vestn Derm Vener 41:27-8, Jan 67 (Rus)
*ADRENAL GLANDS, drug effects/ ADULT/ *CHLOROQUINE, therapeutic use/ *GLUCOCORTICOIDS, secretion/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, blood/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ MIDDLE AGE/ PHOSPHATES, therapeutic use

307. **Berezov VM**: Soderzhanie antidiureticheskogo gormona v krovi bol'nykh tsirrozom pecheni s astsitom. Ter Arkh 39:20-3, Mar 67 (Rus)
ADULT/ *ASCITES, blood/ ASCITES, etiology/ HUMAN/ *LIVER CIRRHOSIS, blood/ LIVER CIRRHOSIS, complications/ MIDDLE AGE/ *VASOPRESSIN, blood

308. **Berge T, Toremalm NG**: Cervical and mediastinal lymph node metastases as an ortorhinolaryngic problem. Ann Otol 78:663-70, Jun 69
BILE DUCT NEOPLASMS, diagnosis/ BREAST NEOPLASMS, diagnosis/ ESOPHAGEAL NEOPLASMS, diagnosis/ FEMALE/ HUMAN/ INTESTINAL NEOPLASMS, diagnosis/ KIDNEY NEOPLASMS, diagnosis/ LIVER NEOPLASMS, diagnosis/ *LYMPHATIC METASTASIS, diagnosis/ MALE/ *MEDIASTINAL NEOPLASMS, diagnosis/ *NECK NEOPLASMS, diagnosis/ OVARIAN NEOPLASMS, diagnosis/ PANCREATIC NEOPLASMS, diagnosis/ PROSTATIC NEOPLASMS, diagnosis/ SKIN NEOPLASMS, diagnosis/ STOMACH NEOPLASMS, diagnosis/ THYROID NEOPLASMS, diagnosis/ UTERINE NEOPLASMS, diagnosis

309. **Berger R**: La constitution XYY.
Sem Hop Paris 44:3223-6, 14 Dec 68 (48 ref.) (Fre)
ADOLESCENCE/ ADULT/ AGGRESSION/ BODY HEIGHT/ CHILD/ *CHROMOSOME ABERRATIONS/ HUMAN/ INTELLIGENCE TESTS/ JUVENILE DELINQUENCY/ KARYOTYPING/ MALE/ MATERNAL AGE/ MENTAL RETARDATION, familial & genetic/ PHENOTYPE/ REVIEW/ *SEX CHROMOSOMES/ SOCIOPATHIC PERSONALITY

310. **Berkowitz HD, Miller LD, Itskovitz HD**: The influence of the renin-angiotensin system on renal function: possible role in advanced liver disease.
Brit J Surg 56:623, Aug 69
*ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ DOGS/ KIDNEY, blood supply/ *KIDNEY, drug effects/ LIVER DISEASES, physiopathology/ *RENIN, pharmacodynamics

311. **Berlow S**: Psychosis in a child with the XYY karyotype.
Proc Inst Med Chicago 27:210, Mar 69
CHILD/ HUMAN/ MALE/ *PSYCHOSES, familial & genetic/ *SEX CHROMOSOME ABNORMALITIES

312. **Berlowitz L, Pallotta D, Sibley CH**: Chromatin and histones: binding of tritiated actinomycin D to heterochromatin in mealy bugs.
Science 164:1527-9, 27 Jun 69
ANIMAL EXPERIMENTS/ BINDING SITES/ *DACTINOMYCIN, metabolism/ DNA/ *HISTONES, pharmacodynamics/ INSECTS/ RADIOAUTOGRAPHY/ *SEX CHROMATIN, metabolism/ TESTIS, metabolism/ TRITIUM

313. **Bermes EW Jr, Isaacs JH**: Evaluation of a direct agglutination latex particle test for human chorionic gonadotropin.
Amer J Obstet Gynec 104:865-70, 15 Jul 69
AGGLUTINATION TESTS/ COMPARATIVE STUDY/ FALSE POSITIVE REACTION/ FEMALE/ *GONADOTROPINS, CHORIONIC, analysis/ GONADOTROPINS, CHORIONIC, blood/ GONADOTROPINS, CHORIONIC, urine/ HEMAGGLUTINATION INHIBITION TESTS/ HEMOGLOBINURIA, urine/ HUMAN/ IMMUNOASSAY/ *LATEX PARTICLES/ METHODS/ *PREGNANCY/ *PREGNANCY TESTS/ PROTEINURIA, urine

314. **Bernard GW, Pease DC**: An electron microscopic study of initial intramembranous osteogenesis.
Amer J Anat 125:271-90, Jul 69
ANIMAL EXPERIMENTS/ *BONE AND BONES, cytology/ CALCIFICATION, PHYSIOLOGIC/ FETUS/ MICE/ MICROSCOPY, ELECTRON/ *OSTEOGENESIS/ SKULL, cytology

315. **Bernard JD, Aguilar MJ**: Localized hypothalamic histiocytosis X. Report of a case.
Arch Neurol (Chicago) 20:368-72, Apr 69
ADOLESCENCE/ ADULT/ CASE REPORT/ DIABETES INSIPIDUS, complications/ HAND-SCHUELLER-CHRISTIAN SYNDROME, complications/ HAND-SCHUELLER-CHRISTIAN SYNDROME, etiology/ HUMAN/ HYPERTENSION, complications/ HYPOGONADISM, complications/ *HYPOTHALAMUS/ HYPOTHALAMUS, pathology/ HYPOTHYROIDISM, complications/ LIVER CIRRHOSIS, complications/ MALE/ MEMORY DISORDERS, complications/ OBESITY, complications/ PULMONARY EMBOLISM, complications/ RADIOISOTOPE SCANNING/ RETICULOENDOTHELIOSIS, complications/ *RETICULOENDOTHELIOSIS,

etiology/ SLEEP DISORDERS, complications/ THYROIDITIS, complications

316. **Bernard R, Mariani R, Spriet A, et al:** Evolution à long terme d'une hyperthyroïdie ayant début à l'âge de 5 ans. Marseille Med 106:40-5, 1969 (Fre)
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ *HYPERTHYROIDISM/ TIME FACTORS

317. **Bernard-Weil E, David M, Pertuiset B, et al:** Effets d'une association vasopressine-corticoïde chez des malades porteurs d'astrocytome malin ou de méstastases cérébrales.
Neurochirurgia (Stuttgart) 11:189-99, Sep 68 (Fre)
ADULT/ AGED/ ASTROCYTOMA, drug therapy/ ASTROCYTOMA, physiopathology/ BRAIN EDEMA, drug therapy/ *BRAIN NEOPLASMS, drug therapy/ *BRAIN NEOPLASMS, physiopathology/ CEREBRAL ANGIOGRAPHY/ CORTICOTROPIN, secretion/ CORTICOTROPIN, therapeutic use/ ECHOENCEPHALOGRAPHY/ ELECTROENCEPHALOGRAPHY/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ *PITUITARY GLAND, physiopathology/ RADIOISOTOPE SCANNING/ VASOPRESSIN, secretion/ VASOPRESSIN, therapeutic use

318. **Berndt HD, Wiechert R:** Synthesis of testosterones from estrogens. Angew Chem [Eng] 8:376-7, May 69
*ESTROGENS/ *TESTOSTERONE, chem synthesis

319. **Bernier JJ:** Traitement médical de la rectocolite hémorragique.
Actualites Hepatogastroent 4:A257-61, Sep-Dec 68 (Fre)
*ADRENAL CORTEX HORMONES, therapeutic use/ COLITIS, ULCERATIVE, complications/ COLITIS, ULCERATIVE, drug therapy/ *COLITIS, ULCERATIVE, therapy/ *DIET THERAPY/ DRUG SYNERGISM/ HEMORRHAGE, GASTROINTESTINAL, etiology/ *HEMORRHAGE, GASTROINTESTINAL, therapy/ HUMAN/ PSYCHOTHERAPY/ TRANQUILIZING AGENTS, therapeutic use

320. **Bernstein DS, Aliapoulias MA, Hattner RS, et al:** Serum calcium ion activity: effects of thyrocalcitonin and parathyroid extract in the rat.
Endocrinology 85:589-92, Sep 69
ANIMAL EXPERIMENTS/ BONE RESORPTION/ *CALCIUM, blood/ ELECTRODES/ MALE/ PARATHYROID GLANDS, physiology/ PARATHYROID GLANDS, surgery/ *PARATHYROID HORMONE, pharmacodynamics/ RATS/ *THYROCALCITONIN, pharmacodynamics

321. **Berry CA:** Status report on space medicine in the United States. Aerospace Med 40:762-9, Jul 69
ADULT/ *AVIATION MEDICINE/ CARDIOVASCULAR SYSTEM, physiology/ DENSITOMETRY, X-RAY/ ENDOCRINE GLANDS, physiology/ ENVIRONMENTAL EXPOSURE/ EXERTION/ HEMATOCRIT/ HUMAN/ IMMUNITY/ MALE/ MUSCLES, metabolism/ NERVOUS SYSTEM, physiology/ RESPIRATION/ *SEALED CABIN ECOLOGY/ SKELETON, physiology/ *SPACE FLIGHT/ UNITED STATES

322. **Berry CL:** The development of the granuloma of histoplasmosis. J Path 97:1-10, Jan 69
ANIMAL EXPERIMENTS/ BLOOD CELLS/ EXOPHTHALMOS, chemically induced/ GRANULOMA, etiology/ *GRANULOMA, pathology/ HISTIOCYTES/ HISTOPLASMOSIS, immunology/ *HISTOPLASMOSIS, pathology/ IMMUNIZATION/ LYMPHOCYTES/ MICE/ RADIOAUTOGRAPHY/ THYMIDINE, metabolism/ TRITIUM

323. **Bertamino F, Luciano L, De Negri M:** Correlazioni elettrocliniche nel trattamento corticotropinico della epilessia infantile non ipsaritmica (studio catamnestico) Riv Neurol 39:45-52, Jan-Feb 69 (Ita)
CHILD/ CHILD, PRESCHOOL/ *CORTICOTROPIN, therapeutic use/ *EPILEPSY, drug therapy/ HUMAN/ INFANT

324. **Bertamino F, Luciano L, De Negri M:** Electro-clinical correlations in the treatment of infantile epilepsy (without hypsarrhythmia) with ACTH.
Electroenceph Clin Neurophysiol 27:97, Jul 69
AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ *CORTICOTROPIN, therapeutic use/ *ELECTROENCEPHALOGRAPHY/ *EPILEPSY, drug therapy/ HUMAN/ INFANT

325. **Berthelay J, Blaise S, Thiébiot L:** Effets de l'ocytocine sur la sécrétion gonadotrope du rat.
J Physiol (Paris) 59:Suppl:214, 1967 (Fre)
ANIMAL EXPERIMENTS/ CASTRATION/ FEMALE/ *GONADOTROPINS, PITUITARY, antagonists & inhibitors/ HYPOPHYSECTOMY/ LH, antagonists & inhibitors/ MALE/ MICE/ *OXYTOCIN, pharmacodynamics/ RATS

326. **Bertolotti A:** I "noduli freddi" della tiroide valutazione clinico-patologica.
Policlinico [Prat] 74:1317-31, 25 Sep 67 (Ita)
ADENOMA, diagnosis/ CARCINOMA, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ *IODINE ISOTOPES, DIAGNOSTIC/ RADIOAUTOGRAPHY/ *RADIOISOTOPE SCANNING/ *THYROID DISEASES, diagnosis/ THYROID DISEASES, pathology/ *THYROID NEOPLASMS, diagnosis/ THYROIDECTOMY

327. **Bertrand E, Rive J, Baudin L, et al:** Le role des corticoïdes dans le traitement de la trypanosomiase humaine africaine.
Bull Soc Path Exot 61:617-25, Jul-Aug 68 (Fre)
ADRENAL CORTEX HORMONES, administration & dosage/ ADRENAL CORTEX HORMONES, cerebrospinal fluid/ *ADRENAL CORTEX HORMONES, therapeutic use/ ALBUMINS, cerebrospinal fluid/ ARSENICALS, adverse effects/ ARSENICALS, therapeutic use/ CEREBROSPINAL FLUID, cytology/ DRUG SYNERGISM/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ *HEART BLOCK, drug therapy/ HEART BLOCK, etiology/ HUMAN/ INFLAMMATION, etiology/ TRYPANOSOMIASIS, AFRICAN, complications/ *TRYPANOSOMIASIS, AFRICAN, drug therapy

328. **Bertrand E, Sentilhes L, Baudin L, et al:** Troubles de conduction cardiaque dans la trypanosomiase humaine africaine à Trypanosoma gambiense.
Bull Soc Path Exot 61:613-7, Jul-Aug 68 (Fre)
ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ ARSENICALS, therapeutic use/ DRUG SYNERGISM/ ELECTROCARDIOGRAPHY/ *HEART BLOCK, etiology/ HUMAN/ MALE/ MIDDLE AGE/ TRYPANOSOMA, isolation & purification/ *TRYPANOSOMIASIS, AFRICAN, complications/ TRYPANOSOMIASIS, AFRICAN, drug therapy/ TRYPANOSOMIASIS, AFRICAN, microbiology

329. **Besser GM, Cullen DR, Irvine WJ, et al:** Plasma corticotrophin levels in primary and secondary adrenocortical insufficiency. J Endocr 43:x-xi, Jan 69
*ADDISON'S DISEASE, blood/ *ADRENAL GLAND HYPOFUNCTION, blood/ CIRCADIAN RHYTHM/ *CORTICOTROPIN, blood/ FEEDBACK/ HUMAN/ HYDROCORTISONE, pharmacodynamics/ INSULIN, pharmacodynamics/ METYRAPONE, pharmacodynamics/ RADIOIMMUNOASSAY

330. **Bessone L, Anselmi L, Villa Venzano G:** Effetti secondari a carico delle mammelle e dei genitali conseguenti a trattamento griseofulvinico in una bambina affetta da tigna microsporica.
G Ital Derm 110:12-7, Jan 69 (Ita)
*BREAST, drug effects/ CHILD/ FEMALE/ *GRISEOFULVIN, adverse effects/ HUMAN/ *MICROSPORUM/ *PUBERTY, PRECOCIOUS, chemically induced/ *TINEA, drug therapy

331. **Best JS, Flamm U, Braunitzer G:** Haemoglobins, XVII. The primary structure of the beta-chain of rabbit

haemoglobin.
Hoppe Seyler Z Physiol Chem 350:563-80, May 69
*AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, ION EXCHANGE/ COUNTERCURRENT DISTRIBUTION/ EVOLUTION/ *HEMOGLOBIN, analysis/ HYDANTOINS/ PAPAIN/ PEPTIDES, analysis/ RABBITS/ THIOCYANATES/ TRYPSIN

332. **Better OS, Kleeman CR, Maxwell MH, et al:** The effect of induced hypercalcemia on renal handling of divalent ions in patients with renal disease.
Israel J Med Sci 5:33-42, Jan-Feb 69
ADULT/ CALCIUM, blood/ CALCIUM, diagnostic use/ *CALCIUM, urine/ FEMALE/ HUMAN/ HYPERCALCEMIA, chemically induced/ *HYPERCALCEMIA, metabolism/ *HYPERPARATHYROIDISM, metabolism/ HYPOPARATHYROIDISM, metabolism/ *KIDNEY, metabolism/ *KIDNEY FAILURE, CHRONIC, metabolism/ MAGNESIUM, urine/ MALE/ MIDDLE AGE/ PHOSPHATES, urine

333. **Bettman JW Jr, Aronson SB:** Host response in infectious ocular disease. A correlative study between disease severity and circulating immunoglobulins in blepharoconjunctivitis.
Arch Ophthal (Chicago) 82:30-6, Jul 69
ANTIBODIES/ ANTIGEN-ANTIBODY REACTIONS/ BLEPHARITIS, classification/ BLEPHARITIS, complications/ BLEPHARITIS, drug therapy/ BLEPHARITIS, etiology/ BLEPHARITIS, immunology/ CONJUNCTIVITIS, classification/ CONJUNCTIVITIS, complications/ CONJUNCTIVITIS, drug therapy/ CONJUNCTIVITIS, etiology/ *CONJUNCTIVITIS, immunology/ CORNEA, blood supply/ GAMMA GLOBULIN, analysis/ HUMAN/ ORBIT, injuries/ PENICILLIN, therapeutic use/ STAPHYLOCOCCUS/ STEROIDS, therapeutic use/ VASCULAR DISEASES, complications

334. **Bettman JW Jr, Daroff RB, Sanders MD, et al:** Edema of the optic disc in hyperthyroidism without exophathalmos. A fluorescein angiographic study of its resolution. Amer J Ophthal 66:714-9, Oct 68
ADOLESCENCE/ CEREBROSPINAL FLUID/ EXOPHTHALMOS, diagnosis/ FEMALE/ FLUORESCEINS/ FLUOROSCOPY/ FUNDUS OCULI/ HUMAN/ *HYPERTHYROIDISM, complications/ HYPERTHYROIDISM, diagnosis/ HYPERTHYROIDISM, drug therapy/ OPHTHALMOSCOPY/ PAPILLEDEMA, diagnosis/ PAPILLEDEMA, drug therapy/ *PAPILLEDEMA, etiology/ PHENOBARBITAL, therapeutic use/ PHOTOGRAPHY/ PRESSURE/ PROPYLTHIOURACIL, therapeutic use

335. **Betts JE, Newton JE, Denehy HL:** Out-of-season breeding in sheep. Vet Rec 84:358-9, 5 Apr 69
ANIMAL EXPERIMENTS/ *BREEDING/ *ESTRUS, drug effects/ FEMALE/ INJECTIONS, SUBCUTANEOUS/ *MEDROXYPROGESTERONE, pharmacodynamics/ OVULATION, drug effects/ PREGNANCY/ PREGNANCY, ANIMAL/ *SEASONS/ SHEEP

336. **Beuren AJ, Schulz R, Sinapius D, et al:** Calcinosis of the arteries with coronary calcification in infancy.
Amer Heart J 78:87-93, Jul 69
ANGIOCARDIOGRAPHY/ AORTOGRAPHY/ *ARTERIES/ *CALCINOSIS/ CALCINOSIS, etiology/ CALCINOSIS, radiography/ CASE REPORT/ CORONARY VESSELS, pathology/ HUMAN/ INFANT/ MALE/ *VASCULAR DISEASES/ VITAMIN D, adverse effects

337. **Bevan JR:** Polyneuropathy. Lancet 1:1310, 28 Jun 69
ADULT/ CLOXACILLIN, administration & dosage/ DEXAMETHASONE, therapeutic use/ HUMAN/ HYPERVENTILATION, complications/ INJECTIONS, INTRAMUSCULAR/ MALE/ *POLYNEURITIS/ POLYNEURITIS, therapy

338. **Bevilacqua M:** L'osteoporosi cortisonica.
Minerva Med 60:2859-69, 21 Jul 69 (Ita)
*ADRENAL CORTEX HORMONES, adverse effects/ BONE AND BONES, metabolism/ CALCIUM, metabolism/ ENGLISH ABSTRACT/ *FRACTURES, SPONTANEOUS, etiology/ HUMAN/ *OSTEOPOROSIS, chemically induced/ *PUBIC BONE/ *RIB FRACTURES, etiology/ *SPINAL DISEASES, chemically induced

339. **Bhandari B, Shrimali LN:** Clinical evaluation of phenylene di-iso-thiocyanate (Jonit) in paediatric patients with hookworm disease.
J Trop Med Hyg 72:164-6, Jul 69
ADOLESCENCE/ ANCYLOSTOMIASIS, drug therapy/ ANTHELMINTICS, administration & dosage/ ANTHELMINTICS, adverse effects/ *ANTHELMINTICS, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ *HOOKWORM INFECTION, drug therapy/ HUMAN/ MALE/ NECATOR/ THIOCYANATES, adverse effects/ *THIOCYANATES, therapeutic use/ VOMITING, chemically induced

340. **Bhandari YS:** Traumatic orbital pseudo-meningocele. Case report.
J Neurosurg 30:612-4, May 69
CHILD, PRESCHOOL/ CRANIOTOMY/ EXOPHTHALMOS, etiology/ HUMAN/ MALE/ *MENINGOCELE, surgery/ *ORBIT, injuries/ ORBIT, surgery/ SKULL, radiography

341. **Bhargava KP, Kohli RP, Sinha JN, et al:** Role of catecholamines in centrogenic cardiac arrhythmia induced by aconitine.
Brit J Pharmacol 36:240-52, Jun 69
*ACONITE/ ADRENAL GLANDS, drug effects/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *ARRHYTHMIA, chemically induced/ BLOOD PRESSURE, drug effects/ CATECHOLAMINES, secretion/ CHORDOTOMY/ DOGS/ ELECTROCARDIOGRAPHY/ FEMALE/ GANGLIONIC-BLOCKING AGENTS, pharmacodynamics/ HEART, innervation/ MALE/ QUINIDINE, pharmacodynamics/ RESERPINE, pharmacodynamics/ SPLANCHNIC NERVES, physiology/ STELLATE GANGLION, physiology/ STIMULATION, CHEMICAL/ SYMPATHOLYTICS, pharmacodynamics/ TACHYPHYLAXIS/ VAGOTOMY

342. **Bhargava MK, Bhargava SK:** Homologous tumours of the testis and the ovary.
Indian J Cancer 5:291-300, Dec 68
CHORIOCARCINOMA, pathology/ DISGERMINOMA, pathology/ FEMALE/ HUMAN/ MALE/ *OVARIAN NEOPLASMS, pathology/ TERATOID TUMOR, pathology/ *TESTICULAR NEOPLASMS, pathology

343. **Bhasin NR:** A study on economic characters of Mewati cattle. Indian Vet J 46:234-43, Mar 69
BREEDING/ *CATTLE/ *ECONOMICS/ FEMALE/ INDIA/ LACTATION

344. **Bhaskar SN, Cutright DE, Van Osdel V:** Tissue response to cortisone containing and cortisone free calcium hydroxide. J Dent Child 36:193-8, May-Jun 69
ANIMAL EXPERIMENTS/ *CALCIUM HYDROXIDE/ COMPARATIVE STUDY/ *CONNECTIVE TISSUE, drug effects/ DENTAL PULP CAPPING/ NEOMYCIN/ *PREDNISOLONE/ RATS

345. **Bhatia SK, Hadden DR, Montgomery DA:** Chlorpropamide in diabetes insipidus.
Lancet 1:729, 5 Apr 69
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ *CHLORPROPAMIDE, therapeutic use/ *DIABETES INSIPIDUS, drug therapy/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE

346. **Bhatnagar HN, Schwarz HJ:** Granular cell myoblastoma of larynx with papillary adenocarcinoma of thyroid.
Arch Otolaryng (Chicago) 90:156-8, Aug 69
*ADENOCARCINOMA, PAPILLARY, pathology/ ADULT/ HUMAN/ *LARYNGEAL NEOPLASMS, pathology/ MALE/ *MYOBLASTOMA/ NEOPLASM RECURRENCE,

LOCAL/ *NEOPLASMS, MULTIPLE PRIMARY, pathology/ *THYROID NEOPLASMS, pathology

347. **Bhatti MC, Shaw SM, Christian JE, et al:** Determination of calcium retention in the rat by whole-body scintillometry. J Pharm Sci 58:502-3, Apr 69
ANIMAL EXPERIMENTS/ *CALCIUM, analysis/ CALCIUM, urine/ CALCIUM ISOTOPES/ MALE/ METHODS/ PARATHYROID HORMONE, pharmacodynamics/ RATS

348. **Bhavnani BR, YoungLai EV, Solomon S:** Synthesis of 14 alpha-hydroxyprogesterone and its isolation from human late-pregnancy urine.
Biochemistry (Wash) 8:2105-11, May 69
CARBON ISOTOPES/ CRYSTALLIZATION/ FEMALE/ HUMAN/ HYDROXYPROGESTERONE, chem synthesis/ HYDROXYPROGESTERONE, isolation & purification/ *HYDROXYPROGESTERONE, urine/ HYDROXYSTEROID DEHYDROGENASE/ INFRARED RAYS/ MUCOR/ *PREGNANCY/ PREGNANES/ SOLVENTS/ SPECTRUM ANALYSIS/ TRITIUM

349. **Bick RL, Giolli RA, Dearden LC, et al:** The effect of pinealectomy and environmental lighting on the gonadal, thyroid, and total body weight of female Long-Evans rats. Experientia 25:531-2, 15 May 69
ANIMAL EXPERIMENTS/ *BODY WEIGHT, radiation effects/ FEMALE/ *LIGHT/ *ORGAN WEIGHT/ OVARY, anatomy & histology/ *OVARY, radiation effects/ *PINEAL BODY, physiology/ PINEAL BODY, surgery/ RADIATION EFFECTS/ RATS/ THYROID GLAND, anatomy & histology/ *THYROID GLAND, radiation effects/ UTERUS, anatomy & histology/ *UTERUS, radiation effects

350. **Bidwell E:** Acquired inhibitors of coagulants.
Ann Rev Med 20:63-74, 1969 (96 ref.)
ADRENAL CORTEX HORMONES, therapeutic use/ *ANTICOAGULANTS/ *BLOOD COAGULATION FACTORS, antagonists & inhibitors/ EXCHANGE TRANSFUSION/ FACTOR VIII, antagonists & inhibitors/ FACTOR IX, antagonists & inhibitors/ FACTOR X, antagonists & inhibitors/ FACTOR XIII, antagonists & inhibitors/ FIBRINOGEN, antagonists & inhibitors/ GAMMA GLOBULIN/ IMMUNOCHEMISTRY/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ PENICILLIN, pharmacodynamics/ PROTHROMBIN, antagonists & inhibitors/ REVIEW

351. **Bidwell E:** Acquired inhibitors of coagulants.
Ann Rev Med 20:63-74, 1969 (96 ref.)
ADRENAL CORTEX HORMONES, therapeutic use/ *BLOOD COAGULATION/ EXCHANGE TRANSFUSION/ FACTOR VIII, antagonists & inhibitors/ FACTOR IX, antagonists & inhibitors/ FACTOR X, antagonists & inhibitors/ FACTOR XIII, antagonists & inhibitors/ FIBRINOGEN, antagonists & inhibitors/ GAMMA GLOBULIN/ IMMUNOCHEMISTRY/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ PENICILLIN, pharmacodynamics/ PROTHROMBIN, antagonists & inhibitors/ REVIEW

352. **Bieber CP, Stinson EB, Shumway NE:** Pathology of the conduction system in cardiac rejection.
Circulation 39:567-75, May 69
ANIMAL EXPERIMENTS/ ANTILYMPHOCYTE SERUM/ *ARRHYTHMIA, etiology/ ARRHYTHMIA, pathology/ AZATHIOPRINE, pharmacodynamics/ DOGS/ ELECTROCARDIOGRAPHY/ *HEART, transplantation/ *HEART CONDUCTION SYSTEM, pathology/ *HEART CONDUCTION SYSTEM, physiopathology/ IMMUNOSUPPRESSIVE AGENTS, pharmacodynamics/ PREDNISOLONE, pharmacodynamics/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY

353. **Bieck P, Stock K, Westermann E:** Wirkung von cyclischem adenosin-3',5'-Monophosphat (3'5/-AMP) und seinem Dibutyrylderivat (DBA) auf lipolyse, Glykogenolyse und Corticosteron (DBA) auf lipolyse, Glykogenolyse und Corticosteronsynthese.
Naunyn Schmiedeberg Arch Pharm Exp Path 263:387-405, 1969 (Ger)
*ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, metabolism/ *ADRENAL GLANDS, metabolism/ ALLOXAN DIABETES, metabolism/ ANIMAL EXPERIMENTS/ *CORTICOSTERONE, biosynthesis/ CORTICOSTERONE, blood/ CORTICOTROPIN, pharmacodynamics/ ENGLISH ABSTRACT/ FATTY ACIDS, NONESTERIFIED, blood/ GLYCERIN, blood/ *GLYCOGEN, metabolism/ HYPERGLYCEMIA, chemically induced/ IN VITRO/ *LIPIDS, metabolism/ MALE/ NOREPINEPHRINE, pharmacodynamics/ RATS/ STIMULATION, CHEMICAL/ THEOPHYLLINE, pharmacodynamics

354. **Biedermann HP:** Tierexperimenteller Beitrag zur Therapie des anaphylaktischen Schocks. Die Kombination von Antihistaminica und Corticosteroiden beim Meerschweinchen.
Z Ges Exp Med 148:194-203, 1968 (Ger)
*ANAPHYLAXIS, drug therapy/ ANIMAL EXPERIMENTS/ *ANTIHISTAMINICS, administration & dosage/ ANTIHISTAMINICS, therapeutic use/ GUINEA PIGS/ HYPERSENSITIVITY, IMMEDIATE, drug therapy/ *PREDNISOLONE, administration & dosage/ PREDNISOLONE, therapeutic use

355. **Bill HE:** A manual of clinical contraception.
N Carolina Med J 30:169-82, May 69
ABORTION, THERAPEUTIC/ *CONTRACEPTION/ *CONTRACEPTIVE AGENTS/ *CONTRACEPTIVE DEVICES/ CONTRACEPTIVE DEVICES, adverse effects/ CONTRACEPTIVES, ORAL/ CONTRACEPTIVES, ORAL, administration & dosage/ CONTRACEPTIVES, ORAL, adverse effects/ COUNSELING/ FAMILY PLANNING/ FEMALE/ HUMAN/ MALE/ PHYSICAL EXAMINATION/ PROGESTATIONAL HORMONES, therapeutic use/ PSYCHOLOGY/ SEX MANUALS/ STERILIZATION, SEXUAL

356. **Billard R:** Hypophysectomie et spermatogenèse chez Poecilia reticulata (poisson Cyprinodontidae)
C R Acad Sci [D] (Paris) 268:1856-9, 9 Apr 69 (Fre)
ANIMAL EXPERIMENTS/ *CYPRINIDAE/ HEAT/ HYPOPHYSECTOMY/ MALE/ MEIOSIS/ ORGAN WEIGHT/ *PITUITARY GLAND, physiology/ *SPERMATOZOA, growth & development/ TESTIS, anatomy & histology

357. **Bindon BM, Lamond DR:** Effect of hypophysectomy implantation in the mouse.
J Reprod Fertil 18:43-50, Feb 69
ANIMAL EXPERIMENTS/ EMBRYO, growth & development/ FEMALE/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ HYPOPHYSECTOMY/ LIGHT/ MICE/ *NIDATION/ *PITUITARY GLAND, physiology/ PREGNANCY/ *PREGNANCY, ANIMAL/ PROGESTERONE, pharmacodynamics

358. **Bing J:** Reinvestigation of the cause of the increased velocity of reaction between renin and angiotensinogen in plasma from nephrectomised rats.
Acta Path Microbiol Scand 75:33-6, 1969
*ANGIOTENSIN, blood/ ANIMAL EXPERIMENTS/ *KIDNEY, physiology/ KINETICS/ NEPHRECTOMY/ RATS/ *RENIN, blood

359. **Bingel AS, Schwartz NB:** Timing of LH release and ovulation in the post partum mouse.
J Reprod Fertil 19:231-7, Jul 69
ANIMAL EXPERIMENTS/ BARBITURATES, pharmacodynamics/ DELIVERY/ FEMALE/ *LH, secretion/ LIGHT/ MICE/ *OVULATION/ OVULATION, drug effects/ *PERIODICITY/ PREGNANCY/ *PUERPERIUM

360. **Bingel AS, Schwartz NB**: Pituitary LH content and reproductive tract changes during the mouse oestrous cycle. J Reprod Fertil 19:215-22, Jul 69
ANIMAL EXPERIMENTS/ COITUS/ *ESTRUS/ FEMALE/ *GENITALIA, FEMALE, physiology/ *LH, analysis/ MALE/ MICE/ ORGAN WEIGHT/ OVARY, anatomy & histology/ OVULATION/ *PITUITARY GLAND, analysis/ PITUITARY GLAND, anatomy & histology/ UTERUS, anatomy & histology/ VAGINAL SMEARS

361. **Bingel AS, Schwartz NB**: Timing of LH release and ovulation in the cyclic mouse.
J Reprod Fertil 19:223-9, Jul 69
ANIMAL EXPERIMENTS/ BARBITURATES, pharmacodynamics/ *ESTRUS/ FEMALE/ *LH, secretion/ LIGHT/ MICE/ *OVULATION/ OVULATION, drug effects/ *PERIODICITY

362. **Binnion PF, Murtagh G, Pollock AM, et al**: Relation between plasma lignocaine levels and induced haemodynamic changes. Brit Med J 3:390-2, 16 Aug 69
ANIMAL EXPERIMENTS/ ARRHYTHMIA, drug therapy/ CALCIUM, metabolism/ CARDIAC OUTPUT, drug effects/ CARDIAC VOLUME, drug effects/ DOGS/ ELECTROCARDIOGRAPHY/ *HEART, drug effects/ HEART RATE, drug effects/ HUMAN/ INFUSIONS, PARENTERAL/ LIDOCAINE, administration & dosage/ *LIDOCAINE, blood/ *LIDOCAINE, pharmacodynamics/ MYOCARDIAL INFARCT, drug therapy/ MYOCARDIUM, metabolism

363. **Birbari A**: Primary aldosteronism.
J Med Liban 22:105-14, 1969 (31 ref.)
ADULT/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ *HYPERALDOSTERONISM/ HYPERALDOSTERONISM, diagnosis/ HYPERALDOSTERONISM, therapy/ MALE/ MIDDLE AGE/ REVIEW

364. **Birnbaum D, Wajsbort J, Feldman S**: Changes in bile secretion produced by hippocampal and hypothalamic stimulation. Exp Neurol 24:265-71, Jun 69
ANIMAL EXPERIMENTS/ BILE, analysis/ *BILE, secretion/ CATS/ ELECTRIC STIMULATION/ ELECTRODES/ ELECTROLYTES, analysis/ *HIPPOCAMPUS, physiology/ *HYPOTHALAMUS, physiology/ POTASSIUM, analysis

365. **Birnbaumer L, Pohl SL, Rodbell M**: Adenyl cyclase in fat cells. 1. Properties and the effects of adrenocorticotropin and fluoride.
J Biol Chem 244:3468-76, 10 Jul 69
*ADENINE NUCLEOTIDES/ ADENOSINE CYCLIC 3',5'-PHOSPHATE/ ADENOSINE TRIPHOSPHATE/ ADENYL CYCLASE, antagonists & inhibitors/ ADENYL CYCLASE, metabolism/ ADIPOSE TISSUE, cytology/ *ADIPOSE TISSUE, enzymology/ ANIMAL EXPERIMENTS/ BINDING SITES/ *CELL MEMBRANE, enzymology/ COBALT/ *CORTICOTROPIN, pharmacodynamics/ DEPRESSION, CHEMICAL/ *ENZYMES, metabolism/ EPIDIDYMIS/ *FLUORIDES, pharmacodynamics/ KINETICS/ LITHIUM, pharmacodynamics/ MAGNESIUM/ MALE/ PHOSPHORUS ISOTOPES/ POTASSIUM, pharmacodynamics/ RATS/ STIMULATION, CHEMICAL/ TRITIUM/ TRYPSIN, pharmacodynamics

366. **Birnbaumer L, Rodbell M**: Adenyl cyclase in fat cells. II. Hormone receptors. J Biol Chem 244:3477-82, 10 Jul 69
*ADENINE NUCLEOTIDES/ ADENYL CYCLASE, metabolism/ ADIPOSE TISSUE, cytology/ *ADIPOSE TISSUE, enzymology/ ANIMAL EXPERIMENTS/ CELL MEMBRANE, drug effects/ *CELL MEMBRANE, enzymology/ *CORTICOTROPIN, pharmacodynamics/ DRUG SYNERGISM/ *ENZYMES, metabolism/ EPINEPHRINE, antagonists & inhibitors/ *EPINEPHRINE, pharmacodynamics/ *GLUCAGON, pharmacodynamics/ IN VITRO/ KINETICS/ *LH, pharmacodynamics/ LIPIDS, metabolism/ MALE/ PROPRANOLOL, pharmacodynamics/ RATS/ RECEPTORS, DRUG/ STIMULATION, CHEMICAL/ TEMPERATURE/ *THYROTROPIN, pharmacodynamics

367. **Biró L, Császár G**: Die Entstehung und Verhütung eines Ulkus bei Ratten durch verschiedene Nebennierenrindensteroide.
Z Ges Inn Med 24:154-6, 1 Mar 69 (Ger)
*ALDOSTERONE, therapeutic use/ ANIMAL EXPERIMENTS/ CORTISONE/ CORTISONE, antagonists & inhibitors/ *DESOXYCORTICOSTERONE, therapeutic use/ DEXAMETHASONE/ DEXAMETHASONE, antagonists & inhibitors/ GLUCOCORTICOIDS/ PREDNISOLONE/ PREDNISOLONE, antagonists & inhibitors/ RATS/ *STOMACH ULCER, chemically induced/ STOMACH ULCER, prevention & control

368. **Birtwell WM, Martin JH, Ginsburg WW**: Alternate day corticosteroid administration and homograft rejection in rabbits.
Proc Soc Exp Biol Med 131:1045-51, Jul 69
ACETATES/ ADRENAL GLANDS, anatomy & histology/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ DELAYED-ACTION PREPARATIONS/ HISTOCOMPATIBILITY/ METHYLPREDNISOLONE, administration & dosage/ *METHYLPREDNISOLONE, pharmacodynamics/ ORGAN WEIGHT/ RABBITS/ SKIN, anatomy & histology/ SKIN, transplantation/ SUCCINATES/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY

369. **Bischof B**: El hipertiroidismo.
Folia Clin Int (Barc) 17:427-33 contd, Sep 67 (Spa)
EXOPHTHALMOS, etiology/ HUMAN/ HYPERTHYROIDISM, classification/ *HYPERTHYROIDISM, diagnosis/ HYPERTHYROIDISM, drug therapy/ HYPERTHYROIDISM, surgery/ PROTEIN-BOUND IODINE TEST/ THYROID GLAND FUNCTION TESTS/ THYROXINE, blood

370. **Bischoff MB**: Photoreceptoral and secretory structures in the avian pineal organ.
J Ultrastruct Res 28:16-26, Jul 69
ANIMAL EXPERIMENTS/ *BIRDS/ CHICKENS/ CILIA/ CYTOPLASMIC GRANULES/ GOLGI APPARATUS/ *LIGHT/ MEMBRANES/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ *PINEAL BODY, cytology/ PINEAL BODY, secretion/ POULTRY/ *RECEPTORS, NEURAL/ RIBOSOMES/ SYNAPSES

371. **Bissada NF, el-Mostehy MR**: Hyperparathyroidism. Pathogenesis, diagnosis and oro-dental manifestations. Egypt Dent J 14:226-34, Oct 68
HYPERPARATHYROIDISM, diagnosis/ HYPERPARATHYROIDISM, pathology/ JAW DISEASES, etiology/ ORAL MANIFESTATIONS/ OSTEOPOROSIS, etiology/ SPECIAL LIST DENTAL

372. **Biswas NM**: Ascorbic acid biosynthesis of toad kidney as related to experimental alteration of pituitary gonadotropic hormones. Life Sci 8:363-8, 15 Apr 69
ANIMAL EXPERIMENTS/ *ASCORBIC ACID, biosynthesis/ CASTRATION/ FSH, pharmacodynamics/ *GONADOTROPINS, PITUITARY, pharmacodynamics/ HYPOPHYSECTOMY/ *KIDNEY, metabolism/ LH, pharmacodynamics/ MALE/ PITUITARY GLAND, physiology/ STIMULATION, CHEMICAL/ TOADS

373. **Biswell R**: Keratoplasty and trachoma in the southwestern American Indian.
Arch Ophthal (Chicago) 81:791-6, Jun 69
ADHESIONS/ CORNEA/ CORNEA, blood supply/ CORNEA, physiology/ *CORNEA, transplantation/ EDEMA/ ENTROPION, surgery/ EYE DISEASES, etiology/ EYELIDS, surgery/ FOLLOW-UP STUDIES/ HUMAN/ INDIANS, NORTH AMERICAN/ IRIS/

METHODS/ NEW MEXICO/ POSTOPERATIVE COMPLICATIONS/ PREDNISONE, therapeutic use/ SUTURE TECHNICS/ TEARS, physiology/ TRACHOMA, complications/ TRACHOMA, occurrence/ *TRACHOMA, surgery/ TRANSPLANTATION, HOMOLOGOUS/ VASCULAR DISEASES, etiology

374. **Bittel-Dobrzyńska N, Księżopolska A, Zychowicz C, et al:** Zagadnienie leczenia wola u dzieci.
Pol Tyg Lek 24:229-31, 18 Feb 69 **(Pol)**
ADOLESCENCE/ CHILD/ *GOITER, drug therapy/ HUMAN/ HYPNOTICS AND SEDATIVES, therapeutic use/ RETROSPECTIVE STUDIES/ *THYROID HORMONES, therapeutic use

375. **Bitter RA, Gubler CJ, Heninger RW:** Effects of forced-feeding on blood levels of pyruvate, glucocorticoids and glucose and on adrenal weight in thiamine-deprived and thiamine antagonist-treated rats. J Nutr 98:147-52, Jun 69
*ADRENAL GLANDS, growth & development/ ANIMAL EXPERIMENTS/ *APPETITE DISORDERS, etiology/ ATAXIA, etiology/ *BLOOD SUGAR, analysis/ CONVULSIONS, etiology/ *CORTICOSTERONE, blood/ *DIET/ INTESTINES, growth & development/ *INTUBATION, GASTROINTESTINAL/ LIFE EXPECTANCY/ MALE/ METHODS/ ORGAN WEIGHT/ *PYRUVATES, blood/ RATS/ STARVATION/ *THIAMINE, antagonists & inhibitors/ THIAMINE DEFICIENCY, blood/ *THIAMINE DEFICIENCY, complications

376. **Blackboro HJ:** Steroid sparing effect of disodium cromoglycate (Intal) in chronic asthma.
Med J Aust 1:885, 26 Apr 69
*ASTHMA, drug therapy/ CHROMONES, pharmacodynamics/ *CHROMONES, therapeutic use/ HUMAN/ *STEROIDS

377. **Blake NM, Kirk RL, Matsumoto H:** Placental alkaline phosphatase types in Japanese.
Jap J Hum Genet 13:243-8, Mar 69
*ALKALINE PHOSPHATASE, analysis/ ELECTROPHORESIS/ HUMAN/ JAPAN/ MALAYSIA/ *PHENOTYPE/ *PLACENTA, enzymology

378. **Blanchard RL, Archer VE, Saccomanno G:** Blood and skeletal levels of 210Pb-210Po as a measure of exposure to inhaled radon daughter products.
Health Phys 16:585-96, May 69
ADULT/ AGED/ *BONE AND BONES, analysis/ *ENVIRONMENT/ ENVIRONMENTAL EXPOSURE/ HUMAN/ *LEAD, blood/ METHODS/ MIDDLE AGE/ MINING/ *POLONIUM, blood/ *RADIATION MONITORING/ RADIOMETRY/ *RADON

379. **Bland JW Jr, Edwards FK:** Pulmonary hypertension and congestive heart failure in children with chronic upper airway obstruction. New concepts of etiologic factors. Amer J Cardiol 23:830-7, Jun 69
ADENOIDECTOMY/ AGE FACTORS/ ANOXIA, etiology/ CAPILLARIES/ CHILD/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ DYSPNEA, etiology/ ELECTROCARDIOGRAPHY/ FEMALE/ HEART CATHETERIZATION/ *HEART FAILURE, CONGESTIVE, complications/ HUMAN/ HYPERCAPNIA, etiology/ *HYPERTENSION, PULMONARY, complications/ HYPOTHALAMUS, abnormalities/ HYPOVENTILATION, complications/ MALE/ NEGROID RACE/ PULMONARY CIRCULATION/ *PULMONARY HEART DISEASE, etiology/ RESPIRATORY INSUFFICIENCY, complications/ *RESPIRATORY TRACT DISEASES, complications/ RESPIRATORY TRACT INFECTIONS, diagnosis/ TONSILLECTOMY

380. **Blank B, Zuccarello WA, Cohen SR, et al:** Synthesis and adrenocortical inhibiting activity of substituted diphenylalkylamines. J Med Chem 12:271-6, Mar 69
ADRENAL GLANDS, analysis/ ALDOSTERONE, analysis/ ALDOSTERONE, biosynthesis/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ *BUTYLAMINES, chem synthesis/ *BUTYLAMINES, pharmacodynamics/ DESOXYCORTICOSTERONE, analysis/ DRUG ANTAGONISM/ PITUITARY-ADRENAL FUNCTION TESTS/ *PROPYLAMINES, chem synthesis/ *PROPYLAMINES, pharmacodynamics/ RATS

381. **Blasi F, Fragomele F, Covelli I:** Enzymic pathway for thyroxine synthesis through p-hydroxy-3,5-diiodophenylpyruvic acid.
Endocrinology 85:542-51, Sep 69
*AMINOTRANSFERASES, metabolism/ ANIMAL EXPERIMENTS/ CHLOROMERCURIBENZOATES, pharmacodynamics/ *DIIODOTYROSINE, metabolism/ EDTA, pharmacodynamics/ ETHYLMALEIMIDE, pharmacodynamics/ GLUCOSE OXIDASE, metabolism/ IN VITRO/ IODINE ISOTOPES/ IODOACETATES, pharmacodynamics/ ISOMERASES, metabolism/ KETOGLUTARIC ACID, pharmacodynamics/ *PEROXIDASES, metabolism/ *PHENYLPYRUVIC ACID, metabolism/ PYRIDOXAL PHOSPHATE, pharmacodynamics/ RATS/ THYROID GLAND, enzymology/ *THYROID GLAND, metabolism/ THYROXINE, biosynthesis/ *TYROSINE AMINOTRANSFERASE, metabolism

382. **Blasi F, Fragomele F, Covelli I:** Enzymic pathway for thyroxine synthesis through p-hydroxy-3,5-diiodophenylpyruvic acid.
Endocrinology 85:542-51, Sep 69
AMINOTRANSFERASES, metabolism/ ANIMAL EXPERIMENTS/ CHLOROMERCURIBENZOATES, pharmacodynamics/ DIIODOTYROSINE, metabolism/ EDTA, pharmacodynamics/ ETHYLMALEIMIDE, pharmacodynamics/ GLUCOSE OXIDASE, metabolism/ IN VITRO/ IODINE ISOTOPES/ IODOACETATES, pharmacodynamics/ ISOMERASES, metabolism/ KETOGLUTARIC ACID, pharmacodynamics/ PEROXIDASES, metabolism/ PHENYLPYRUVIC ACID, metabolism/ PYRIDOXAL PHOSPHATE, pharmacodynamics/ RATS/ THYROID GLAND, enzymology/ THYROID GLAND, metabolism/ THYROXINE, biosynthesis/ TYROSINE AMINOTRANSFERASE, metabolism

383. **Blatrix C, Soulier JP, Vacheron A, et al:** Etat actuel de l'héparinothérapie.
Presse Med 77:553-6, 26 Mar 69 **(Fre)**
ARTERIOSCLEROSIS, drug therapy/ BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS, drug effects/ EXTRACORPOREAL CIRCULATION/ FIBRIN, antagonists & inhibitors/ FIBRINOLYSIS, drug effects/ HEMORRHAGE, chemically induced/ *HEPARIN, administration & dosage/ HEPARIN, adverse effects/ HEPARIN, antagonists & inhibitors/ HEPARIN, metabolism/ HEPARIN, pharmacodynamics/ HUMAN/ HYPERLIPEMIA, drug therapy/ HYPERSENSITIVITY/ NATRIURESIS, drug effects/ OSTEOPOROSIS, chemically induced/ PROTAMINES, administration & dosage/ PROTHROMBIN TIME/ *THROMBOEMBOLISM, drug therapy/ *THROMBOPHLEBITIS, drug therapy/ THROMBOPHLEBITIS, prevention & control/ THROMBOPLASTIN, antagonists & inhibitors

384. **Blecher M, Merlino NS, Ro'Ane JT, et al:** Independence of the effects of epinephrine, glucagon, and adrenocorticotropin on glucose utilization from those on lipolysis in isolated rat adipose cells.
J Biol Chem 244:3423-9, 10 Jul 69
ADENOSINE CYCLIC 3',5'-PHOSPHATE, biosynthesis/ ADENYL CYCLASE, metabolism/ ADIPOSE TISSUE, cytology/ ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ BINDING SITES/ CARBON ISOTOPES/ CORTICOTROPIN, antagonists & inhibitors/ *CORTICOTROPIN, pharmacodynamics/ DEPRESSION, CHEMICAL/ EPIDIDYMIS/ EPINEPHRINE, antagonists & inhibitors/

EPINEPHRINE, pharmacodynamics/ GLUCAGON, antagonists & inhibitors/ *GLUCAGON, pharmacodynamics/ *GLUCOSE, metabolism/ *LIPIDS, metabolism/ MALE/ NICOTINIC ACID, pharmacodynamics/ OXIDATION-REDUCTION/ PROSTAGLANDINS, pharmacodynamics/ RATS/ RECEPTORS, NEURAL/ STIMULATION, CHEMICAL/ SYMPATHOLYTICS, pharmacodynamics/ THEOPHYLLINE, pharmacodynamics/ XANTHINES, pharmacodynamics

385. **Bloch-Michel H, Bernier JJ, Rambaud JC, et al:** Déminéralisation osseuse par intolérance au gluten sans stéatorrhée. A propos d'une observation.
Rev Rhum 35:613-7, Nov 68 **(Fre)**
ADULT/ ALCOHOLISM, complications/ *DEFICIENCY DISEASES, complications/ DIET THERAPY/ *FOOD HYPERSENSITIVITY, complications/ FOOD HYPERSENSITIVITY, etiology/ *FRACTURES, etiology/ *GLUTEN/ HUMAN/ MALABSORPTION SYNDROMES, etiology/ MALE/ *OSTEOMALACIA, etiology/ OSTEOPOROSIS, etiology/ PARACHUTING/ SPRUE, etiology/ TIME FACTORS/ WAR

386. **Bloch-Michel H, Bernier JJ, Rambaud JC, et al:** Ostéomalacie avec intolérance au lactose.
Rev Rhum 35:617-20, Nov 68 **(Fre)**
AGE FACTORS/ AGED/ FEMALE/ HUMAN/ *LACTOSE INTOLERANCE, complications/ *OSTEOMALACIA, etiology

387. **Blom AB, Nygaard B:** Bukkalt oksytocin ved stimulation og igangsaetteise af fødsler.
Ugeskr Laeg 131:407-11, 6 Mar 69 **(Dan)**
ADOLESCENCE/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ FETAL MEMBRANES/ HUMAN/ *LABOR, drug effects/ *LABOR, INDUCED/ *OXYTOCIN, administration & dosage/ PREGNANCY/ PREGNANCY, PROLONGED/ PUNCTURES

388. **Bloodworth JM Jr, Engerman RL, Powers KL:** Experimental diabetic microangiopathy. I. Basement membrane statistics in the dog.
Diabetes 18:455-8, Jul 69
ADIPOSE TISSUE, pathology/ AGE FACTORS/ ALLOXAN DIABETES/ ANIMAL EXPERIMENTS/ *BASEMENT MEMBRANE/ *CAPILLARIES, pathology/ CATTLE/ DIABETES MELLITUS, chemically induced/ *DIABETIC ANGIOPATHIES, pathology/ DOGS/ KIDNEY GLOMERULUS, pathology/ KIMMELSTIEL-WILSON SYNDROME, pathology/ MICROSCOPY, ELECTRON/ MUSCLES, pathology/ NEPHROSCLEROSIS, pathology/ RETINA, pathology/ SOMATOTROPIN

389. **Blum AL, Stutz R, Haemmerli UP, et al:** A fortuitously controlled study of steroid therapy in acute viral hepatitis. I. Acute disease. Amer J Med 47:82-92, Jul 69
ACUTE DISEASE/ ADULT/ ALANINE AMINOTRANSFERASE, blood/ ALKALINE PHOSPHATASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ CLINICAL RESEARCH/ ENZYME TESTS/ FEMALE/ GLUCOCORTICOIDS, adverse effects/ *GLUCOCORTICOIDS, therapeutic use/ *HEPATITIS, INFECTIOUS, drug therapy/ HOSPITALIZATION/ HUMAN/ LIVER FUNCTION TESTS/ MALE/ MIDDLE AGE/ PEPTIC ULCER, chemically induced/ PREDNISONE, therapeutic use/ TIME FACTORS

390. **Blumberg AG, Klein DF:** Chlorpromazine-procyclidine and imipramine: effects on thyroid function in psychiatric patients.
Clin Pharmacol Ther 10:350-4, May-Jun 69
ADULT/ *ALCOHOL, PROPYL, pharmacodynamics/ ANALYSIS OF VARIANCE/ *CHLORPROMAZINE, pharmacodynamics/ COMPARATIVE STUDY/ FEMALE/ GLOMERULAR FILTRATION RATE/ HUMAN/ *IMIPRAMINE, pharmacodynamics/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ MENTAL DISORDERS/ *PARASYMPATHOLYTICS, pharmacodynamics/ PLACEBOS/ PROCYCLIDINE, pharmacodynamics/ *PYRROLIDINES, pharmacodynamics/ *THYROID GLAND, drug effects/ THYROID GLAND FUNCTION TESTS/ TRITIUM

391. **Blume RS, Glade PR, Grainick HR, et al:** The Chediak-Higashi syndrome: continuous suspension cultures derived from peripheral blood.
Blood 33:821-32, Jun 69
ADOLESCENCE/ ADULT/ *ALBINISM, complications/ CHILD/ CYTOPLASMIC GRANULES/ FEMALE/ GAMMA GLOBULIN, biosynthesis/ GEL DIFFUSION TESTS/ GLYCOLIPIDS, blood/ GUINEA PIGS/ HEMATOLOGIC DISEASES, drug therapy/ *HEMATOLOGIC DISEASES, familial & genetic/ HETEROZYGOTE/ HOMOZYGOTE/ HUMAN/ IMMUNOELECTROPHORESIS/ INTERFERON, analysis/ *LEUKOCYTES/ *LYMPHOCYTES/ LYSOSOMES/ MALE/ MICE/ PEROXIDASES, blood/ PHAGOCYTOSIS/ PREDNISONE, therapeutic use/ RABBITS/ SUSPENSIONS/ TISSUE CULTURE/ VINCRISTINE, therapeutic use

392. **Blunt JW, DeLuca HF:** The synthesis of 25-hydroxycholecalciferol. A biologically active metabolite of vitamin D3.
Biochemistry (Wash) 8:671-5, Feb 69
ANIMAL EXPERIMENTS/ CHEMISTRY/ CHOLECALCIFEROL, therapeutic use/ *CHOLESTANES/ CHOLESTANES, chem synthesis/ CHOLESTANES, radiation effects/ CHROMATOGRAPHY, GAS/ DRUG THERAPY/ INTESTINAL ABSORPTION/ NUCLEAR MAGNETIC RESONANCE/ RADIOCHEMISTRY/ RATS/ *SECOSTEROIDS/ SECOSTEROIDS, blood/ SECOSTEROIDS, chem synthesis/ SECOSTEROIDS, therapeutic use/ SPECTROPHOTOMETRY/ SPECTRUM ANALYSIS/ *STEROLS/ STEROLS, chem synthesis/ STEROLS, radiation effects/ SWINE/ TIME FACTORS/ ULTRAVIOLET RAYS/ VITAMIN D DEFICIENCY, therapy

393. **Boatwright H:** Use of flurandrenolone tape in lupus erythematosus and other diseases.
J S Carolina Med Ass 65:173-5, May 69
DERMATITIS, ATOPIC, drug therapy/ *FLURANDRENOLONE, administration & dosage/ FLURANDRENOLONE, adverse effects/ HUMAN/ *LICHEN PLANUS, drug therapy/ *LUPUS ERYTHEMATOSUS, DISCOID, drug therapy/ *OCCLUSIVE DRESSINGS/ *SKIN DISEASES, drug therapy

394. **Bobkov AG:** Izmeneniia semennikov i pridatkov belykh krys pri abitaminoze A.
Biull Eksp Biol Med 63:113-5, Apr 67 **(Rus)**
ANIMAL EXPERIMENTS/ *EPIDIDYMIS, pathology/ FERTILITY/ MALE/ RATS/ SPERMATOZOA/ *TESTIS, pathology/ TESTIS, physiopathology/ *VITAMIN A DEFICIENCY, pathology/ VITAMIN A DEFICIENCY, physiopathology

395. **Bock R, Forstner R von, Mühlen K aus der, et al:** Beiträge zur funktionellen Morphologie der Neurohypophyse. 3. Uber die Wirkung einer Corticoid- oder ACTH-Behandlung auf das Auftreten "gomoripositiver" Granula in der Zona externa infundibuli von Ratten und Mäusen nach beidseitiger Adrenalektomie oder Hypophysektomie.
Z Zellforsch 96:142-50, 1969 **(Ger)**
ADRENAL CORTEX HORMONES, administration & dosage/ ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *CEREBRAL VENTRICLES, cytology/ CORTICOTROPIN, administration & dosage/ CORTICOTROPIN RELEASING FACTOR/ CYTOPLASMIC GRANULES, analysis/ ENGLISH ABSTRACT/ HYPOPHYSECTOMY/ MALE/ MICE/ NERVE TISSUE PROTEINS/ *PITUITARY GLAND, POSTERIOR, cytology/ PITUITARY GLAND, POSTERIOR, physiology/ RATS

396. **Bock R, Forstner R von:** Beiträge zur funktionellen Morphologie der Neurohypophyse. II.

Vergleichsuntersuchung histologischer Veränderungen im Infundibulum der Ratte nach beidseitiger Adrenalektomie und nach Hypophysektomie. Z Zellforsch 94:434-40, 1969 (Ger)
ADRENAL GLANDS, physiology/ *ADRENALECTOMY/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ HISTOLOGICAL TECHNICS/ *HYPOPHYSECTOMY/ *HYPOTHALAMUS, cytology/ HYPOTHALAMUS, physiology/ MALE/ PITUITARY GLAND, POSTERIOR, physiology/ RATS

397. **Bock R, Goslar HG:** Enzymhistochemische Untersuchungen an Infundibulum und Hypophysenhinterlappen der normalen und beidseitig adrenalektomierten Ratte.
Z Zellforsch 95:415-28, 1969 (Ger)
ACETYLCHOLINESTERASE, analysis/ *ADRENALECTOMY/ AMINOPEPTIDASES, analysis/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ ESTERASES, analysis/ GLUCOSEPHOSPHATE DEHYDROGENASE, analysis/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, enzymology/ LACTATE DEHYDROGENASE, analysis/ LIPASE, analysis/ MONOAMINE OXIDASE, analysis/ OXIDOREDUCTASES, analysis/ PHOSPHATASES, analysis/ *PITUITARY GLAND, POSTERIOR, enzymology/ RATS

398. **Bocskor A, Gaissmaier U, Klaus D:** Beeinflussung der Plasmareninaktivität durch Saluretika beim Gesunden. Med Welt 42:2256-8, 19 Oct 68 (Ger)
*DIURETICS, pharmacodynamics/ HUMAN/ *RENIN, blood/ SODIUM, urine

399. **Boczkowski K, Kulczycki J:** Dermatoglifia rąk.
Endokr Pol 20:239-48, May-Jun 69 (16 ref.) (Pol)
*CHROMOSOME ABERRATIONS/ CHROMOSOME ABNORMALITIES/ CHROMOSOMES, HUMAN, 13-15/ CHROMOSOMES, HUMAN, 16-18/ *DERMATOGLYPHICS/ FEMALE/ *HAND/ HUMAN/ KLINEFELTER'S SYNDROME/ MALE/ MONGOLISM/ REVIEW/ THUMB/ TRISOMY/ TURNER'S SYNDROME

400. **Boczkowski K, Radwańska E, Weintraub L, et al:** Cytogenetic studies in premature ovarian failure.
Amer J Obstet Gynec 104:594-5, 15 Jun 69
ADULT/ AGE FACTORS/ *AMENORRHEA, familial & genetic/ AMENORRHEA, pathology/ BODY HEIGHT/ CHROMOSOME ABNORMALITIES, diagnosis/ CHROMOSOMES/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ GONADOTROPINS, urine/ HUMAN/ KARYOTYPING/ *OVARIAN DISEASES, familial & genetic/ OVARIAN DISEASES, pathology/ OVARY, pathology/ *SEX CHROMATIN

401. **Boda L, Szabó A, Czeizel E:** A "dupla Y" syndroma több emberen elkövetett emberölés tettesénél.
Orv Hetil 110:1251-4, 1 Jun 69 (Hun)
ADULT/ CRIMINAL PSYCHOLOGY/ ENGLISH ABSTRACT/ *FORENSIC MEDICINE/ HOMICIDE/ HUMAN/ KARYOTYPING/ MALE/ MOSAICISM/ *SEX CHROMOSOME ABNORMALITIES/ SOCIOPATHIC PERSONALITY

402. **Boddy K, Dennis JA, Lawson RC:** Neutron dosimetry in the in vivo measurement of intrathyroidal iodine in man by activation analysis.
Phys Med Biol 14:471-80, Jul 69
*ACTIVATION ANALYSIS/ BORON/ FILTERS/ HUMAN/ *IODINE, analysis/ IODINE ISOTOPES/ *NEUTRONS/ *RADIOMETRY/ *THYROID GLAND, analysis

403. **Bodechtel G:** Uber differentialdiagnostische Schwierigkeiten auf den Grenzgebieten der inneren Medizin zur Neurologie.
Munchen Med Wschr 110:969-80, 19 Apr 68 (Ger)
ADULT/ AGED/ BRAIN DISEASES, diagnosis/ CEREBRAL ARTERIOSCLEROSIS, diagnosis/ CORONARY DISEASE, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ HYPERTHYROIDISM, diagnosis/ *INTERNAL MEDICINE/ MALE/ MIDDLE AGE/ MUSCULAR DISEASES, diagnosis/ *NERVOUS SYSTEM DISEASES, diagnosis/ PREGNANCY TOXEMIAS, diagnosis

404. **Bodey GP, DeJongh D, Isassi A, et al:** Hypersplenism due to disseminated candidiasis in a patient with acute leukemia. Cancer 24:417-20, Aug 69
ACUTE DISEASE/ ADULT/ AMPHOTERICIN B, therapeutic use/ BLOOD CELL COUNT/ BLOOD PLATELETS/ CANDIDA, isolation & purification/ CYTARABINE, therapeutic use/ FECES, microbiology/ FEVER, drug therapy/ HUMAN/ *HYPERSPLENISM, etiology/ LEUKEMIA, drug therapy/ *LEUKEMIA, MYELOBLASTIC, complications/ LEUKOCYTE COUNT/ MALE/ *MONILIASIS, complications/ MONILIASIS, drug therapy/ NOSE, microbiology/ PHARYNX, microbiology/ PREDNISONE, therapeutic use/ SKIN, microbiology/ SPLEEN, pathology

405. **Bodunova LS:** Metastaz adenomy shchitovidnoĭ zhelezy.
Vestn Rentgen Radiol 42:94-6, Nov-Dec 67 (Rus)
*ADENOMA, radiography/ FEMALE/ *FEMORAL NEOPLASMS, radiography/ HUMAN/ MIDDLE AGE/ *NEOPLASM METASTASIS, radiography/ *THYROID NEOPLASMS, radiography

406. **Bogacz J, Wilson E:** Visual evoked potentials at hypothalamic and tegmental areas of the upper brain-stem.
Electroenceph Clin Neurophysiol 26:288-95, Mar 69
ANIMAL EXPERIMENTS/ ATTENTION/ ELECTRODES/ *EVOKED POTENTIALS/ *HYPOTHALAMUS, physiology/ LATERALITY/ *LIGHT/ NEURONS, AFFERENT, physiology/ RATS/ SLEEP STAGES/ VISUAL CORTEX, physiology/ WAKEFULNESS

407. **Bogdanov M:** Primenenie KZhK dlia povyshenila oplodotvoriaemosti ovets.
Veterinariia 44:86-7, Apr 67 (Rus)
FEMALE/ *GONADOTROPINS/ PREGNANCY/ *PREGNANCY, ANIMAL/ *SHEEP

408. **Bohr H, Baadsgaard K, Sager P:** On the development of the epiphysis of the femoral head following dislocation of the hip joint in young rabbits.
Acta Orthop Scand 39:280-90, 1968
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ BONE RESORPTION/ *EPIPHYSES, growth & development/ *FEMUR HEAD, blood supply/ FLUORESCENCE/ *HIP DISLOCATION/ MICRORADIOGRAPHY/ *OSSIFICATION, PHYSIOLOGIC/ OSTEOPOROSIS/ RABBITS/ RADIOISOTOPES/ TETRACYCLINE

409. **Bohus B:** Evaluation of the role of the feedback effect of corticosteroids in the control of pituitary ACTH release. Acta Physiol Acad Sci Hung 35:141-8, 1969
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *CORTICOSTERONE, pharmacodynamics/ *CORTICOTROPIN, metabolism/ *FEEDBACK/ MALE/ *PITUITARY-ADRENAL SYSTEM, drug effects/ *PITUITARY GLAND, metabolism/ RATS/ STRESS

410. **Boissier JR, Viars P, Giudicelli JF, et al:** Effets cardio-vasculaires de fortes doses de thiamine chez le chien et le chat. Variations en fonction de différents facteurs et tentatives d'explication.
Anesth Analg (Paris) 25:625-36, Nov-Dec 68 (Fre)
*ADRENAL MEDULLA, drug effects/ ANIMAL EXPERIMENTS/ *BRADYCARDIA, chemically induced/ CATS/ CHLORALOSE/ COCAINE, pharmacodynamics/ DOGS/ ELECTROCARDIOGRAPHY/ GANGLIONIC-BLOCKING AGENTS/ *HEART, drug effects/ HEXAMETHONIUM COMPOUNDS, pharmacodynamics/ HYPERTENSION, chemically induced/ *HYPOTENSION, chemically induced/ MUSCLE, SMOOTH, drug effects/ NICTITATING MEMBRANE, drug effects/ PHENTOLAMINE, pharmacodynamics/

SEMINAL VESICLES, drug effects/ TACHYCARDIA, chemically induced/ THIAMINE, antagonists & inhibitors/ *THIAMINE, pharmacodynamics/ TROMETHAMINE, administration & dosage

411. **Bokiniec M, Buczkowski T, Hascewicz-Rzecka M, et al:** Ciąża urojona--pseudocyiesis.
Pol Tyg Lek 24:530-1, Apr 69 **(Pol)**
BODY WEIGHT/ CASE REPORT/ ESTROGENS, biosynthesis/ FEMALE/ HUMAN/ MIDDLE AGE/ PREGNANCY/ *PSEUDOPREGNANCY

412. **Boll I:** Therapie der Mangelanämien.
Deutsch Med J 19:444-7, 20 Jun 68 (24 ref.) **(Ger)**
ANEMIA, drug therapy/ ANEMIA, APLASTIC, drug therapy/ *ANEMIA, HYPOCHROMIC, drug therapy/ ANEMIA, MACROCYTIC, drug therapy/ ANEMIA, PERNICIOUS, drug therapy/ ANEMIA, SIDEROBLASTIC, drug therapy/ ASCORBIC ACID DEFICIENCY, drug therapy/ AVITAMINOSIS, drug therapy/ BLOOD PROTEIN DISORDERS, drug therapy/ HORMONES, therapeutic use/ HUMAN/ HYDROXOCOBALAMIN, therapeutic use/ REVIEW/ VITAMINS, therapeutic use

413. **Bolt W, Ritzi F, Sieberth HG, et al:** Die Ausscheidung von Androgenen und Oestrogenen bei Gesunden und bei Patienten mit Niereninsuffizienz. Untersuchungen mit tritiummarkierten Steroiden.
Verh Deutsch Ges Inn Med 74:1215-8, 1968 **(Ger)**
ADULT/ *ANDROGENS, urine/ *ESTROGENS, urine/ FEMALE/ HUMAN/ *KIDNEY FAILURE, CHRONIC, urine/ MALE/ MIDDLE AGE/ TESTOSTERONE/ TRITIUM

414. **Boltanski E:** Role des dysharmonies thyrosurrénaliennes dans les variations de la teneur des tissus en calcium et en glucose.
Sem Hop Paris 44:3205-8, 14 Dec 68 **(Fre)**
*ADRENAL GLAND HYPERFUNCTION, complications/ AGED/ *CALCIUM, metabolism/ DIABETES MELLITUS, complications/ ENGLISH ABSTRACT/ FEMALE/ *GLUCOSE, metabolism/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ HYPERCALCEMIA, etiology/ HYPERGLYCEMIA, etiology/ HYPERINSULINISM, complications/ HYPOCALCEMIA, complications/ HYPOGLYCEMIA, complications/ HYPOGLYCEMIA, etiology/ *HYPOTHYROIDISM, complications/ HYPOTHYROIDISM, diagnosis/ MALE/ MIDDLE AGE/ MYXEDEMA, complications/ OBESITY, complications/ PARATHYROID HORMONE, metabolism/ THYROCALCITONIN, metabolism

415. **Bonavita E, Castelli E, Barbieri LL, et al:** Valutazione cardiologica poligrafica nelle malattie della tiroide prima e dopo terapia.
Endocr Sci Cost 30:264-81, Apr 69 **(Ita)**
ADOLESCENCE/ ADULT/ AGED/ FEMALE/ *GUANETHIDINE, therapeutic use/ *HEART DISEASES/ HUMAN/ MALE/ MIDDLE AGE/ *THYROID ANTAGONISTS, therapeutic use/ *THYROID DISEASES, complications/ THYROID DISEASES, drug therapy/ *THYROID HORMONES, therapeutic use

416. **Bondar ZA:** Gliukokortikoidy v kompleksnom lechenii khronicheskikh zabolevanii pecheni.
Ter Arkh 39:13-20, Mar 67 **(Rus)**
CHRONIC DISEASE/ *GLUCOCORTICOIDS, therapeutic use/ *LIVER DISEASES, drug therapy

417. **Bongiovanni AM:** Care of the critically ill child: acute adrenal insufficiency. Pediatrics 44:109-10, Jul 69
ACUTE DISEASE/ *ADRENAL GLAND HYPOFUNCTION, drug therapy/ ADRENAL GLAND HYPOFUNCTION, etiology/ CHILD/ CORTISONE, therapeutic use/ GLUCOSE, therapeutic use/ HUMAN/ HYDROCORTISONE, therapeutic use/ SODIUM CHLORIDE, therapeutic use/ VASOCONSTRICTOR AGENTS, therapeutic use

418. **Boninfante CE, Rendina GM, Rutigliano A:** Mesonefroma ovarico di Schiller.
Quad Clin Ostet Ginec 23:185-95, Mar 68 **(Ita)**
FEMALE/ HUMAN/ *MESONEPHROMA/ MIDDLE AGE/ *OVARIAN NEOPLASMS

419. **Bonjean P:** Calcification des ligaments thyro-hyoïdiens latéraux. J Radiol Electr 50:58, Jan-Feb 69 **(Fre)**
*CALCINOSIS, radiography/ CARTILAGE DISEASES, radiography/ CHIROPTERA, anatomy & histology/ HUMAN/ *HYOID BONE, radiography/ *LIGAMENTS, radiography/ MONKEYS, anatomy & histology/ *THYROID GLAND, radiography

420. **Bonnar J, McNicol GP, Douglas AS:** Fibrinolytic enzyme system and pregnancy.
Brit Med J 3:387-9, 16 Aug 69
BLOOD CELL COUNT/ BLOOD PLATELETS/ FEMALE/ FETUS/ FIBRIN, biosynthesis/ FIBRIN, metabolism/ *FIBRINOGEN, analysis/ FIBRINOLYTIC AGENTS/ HEMOSTASIS/ HUMAN/ LABOR/ PLACENTA, physiology/ PLASMA VOLUME/ *PLASMINOGEN, blood/ *PREGNANCY/ *PUERPERIUM/ THROMBIN/ UTERUS, physiology

421. **Bonner CD:** Rehabilitation instead of bed rest?
Geriatrics 24:109-18, Jun 69
AGED/ BEDS/ BLADDER DISEASES, etiology/ BLOOD CIRCULATION/ CONSTIPATION, etiology/ CONTRACTURE, etiology/ DECUBITUS ULCER, etiology/ FEMALE/ HUMAN/ HYPOTENSION, ORTHOSTATIC, etiology/ MUSCULAR ATROPHY, etiology/ NEUROSES, etiology/ OSTEOPOROSIS, etiology/ PHLEBITIS, etiology/ *PHYSICAL THERAPY/ RESPIRATORY TRACT DISEASES, etiology/ *REST, adverse effects/ URINATION DISORDERS, etiology

422. **Bonnyns M, Vanhaelst L:** The value of IgG separation for the detection of LATS in human serum.
Clin Exp Immun 4:597-601, May 69
BIOLOGICAL ASSAY/ *GAMMA GLOBULIN, 7S, isolation & purification/ HUMAN/ HYPERTHYROIDISM, blood/ IODINE ISOTOPES/ *LONG-ACTING THYROID STIMULATOR, blood/ MICE

423. **Booth FW, Tipton CM:** Effects of training and 17-B estradiol upon heart rates, organ weights, and ligamentous strength of female rats.
Int Z Angew Physiol 27:187-97, 1969
*ADRENAL GLANDS/ ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ BIOMECHANICS/ BODY WEIGHT/ *BONE AND BONES/ CASTRATION/ *ESTRADIOL, pharmacodynamics/ *EXERTION/ FEMALE/ *HEART/ *HEART RATE/ HUMERUS/ *KIDNEY/ *LIGAMENTS/ *MUSCLES/ *ORGAN WEIGHT/ *OVARY, physiology/ RATS/ *SPLEEN

424. **Borghi A, Paci P, Tarchiani G, et al:** Syndrome du testicule féminisant. Nouvelle forme eunuchoïde-hypergonadotrophique.
Rev Franc Endocr Clin 9:477-88, Nov-Dec 68 **(Fre)**
ADULT/ ESTROGENS, physiology/ *EUNUCHISM/ GONADOTROPINS, PITUITARY, physiology/ HUMAN/ MALE/ SERTOLI CELL TUMOR, pathology/ *SEX DIFFERENTIATION DISORDERS/ TESTICULAR FEMINIZATION/ TESTICULAR NEOPLASMS, pathology

425. **Borisko AS:** Siucha i stolbniaka u kormiashchei materi.
Zh Mikrobiol 44:121-2, Dec 67 **(Rus)**
FEMALE/ HUMAN/ INFANT/ LACTATION/ TETANUS, etiology/ *TETANUS, occurrence

426. **Borit A:** Embryonal carcinoma of the pineal region.
J Path 97:165-8, Jan 69
ADOLESCENCE/ HUMAN/ MALE/ NEOPLASMS, EMBRYONAL AND MIXED, classification/ *NEOPLASMS, EMBRYONAL AND MIXED, pathology/ *PINEAL BODY

427. **Borit A, Kosek J:** Cytomegaly of the adrenal cortex. Electron microscopy in Beckwith's syndrome.

Arch Path (Chicago) 88:58-64, Jul 69
*ABNORMALITIES, MULTIPLE/ *ADRENAL GLANDS, pathology/ CASE REPORT/ FEMALE/ HUMAN/ INFANT/ MICROSCOPY, ELECTRON/ *TONGUE, abnormalities/ *UMBILICAL HERNIA

428. **Borle AB:** Effects of thyrocalcitonin on calcium transport in kidney cells.
Endocrinology 85:194-9, Aug 69
ANIMAL EXPERIMENTS/ *BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ DACTINOMYCIN/ DEPRESSION, CHEMICAL/ HOMEOSTASIS/ IN VITRO/ KIDNEY, cytology/ KIDNEY, drug effects/ *KIDNEY, metabolism/ MODELS, BIOLOGIC/ MONKEYS/ PARATHYROID HORMONE, pharmacodynamics/ *THYROCALCITONIN, pharmacodynamics/ TISSUE CULTURE

429. **Börner W, Lautsch M, Moll E, et al:** Ein einfaches Punktsystem zur Verbesserung der klinischen Hyperthyreosediagnostik.
Med Welt 45:2463-8, 9 Nov 68 **(Ger)**
DIAGNOSIS, DIFFERENTIAL/ HUMAN/ *HYPERTHYROIDISM, diagnosis/ METHODS

430. **Borodkin IuS, Kraug VA:** O razlichny khollenergicheskikh mekhanizmakh sistem vnutritsentral'noĭ regulıatsii.
Fiziol Zh SSSR Sechenov 54:1006-9, Sep 68 **(Rus)**
AMYGDALOID BODY, physiology/ ANIMAL EXPERIMENTS/ *BRAIN, physiology/ CAUDATE NUCLEUS, physiology/ CEREBRAL CORTEX, physiology/ ENGLISH ABSTRACT/ HIPPOCAMPUS, physiology/ MESENCEPHALON, physiology/ *PARASYMPATHETIC NERVOUS SYSTEM, physiology/ PARASYMPATHOLYTICS, pharmacodynamics/ RABBITS/ THALAMUS, physiology

431. **Boros G, Horváth L:** Prednisolonpankreatitis.
Z Ges Inn Med 23:729-32, 15 Nov 68 **(Ger)**
ADAMS-STOKES SYNDROME, drug therapy/ ADULT/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ MALE/ NEOMYCIN, therapeutic use/ PANCREATITIS, chemically induced/ PANCREATITIS, drug therapy/ *PREDNISOLONE, adverse effects

432. **Borowitz JL:** Effect of acetylcholine on the subcellular distribution of 45Ca in bovine adrenal medulla.
Biochem Pharmacol 18:715-23, Apr 69
*ACETYLCHOLINE, pharmacodynamics/ ADRENAL MEDULLA, analysis/ ADRENAL MEDULLA, enzymology/ *ADRENAL MEDULLA, metabolism/ ANIMAL EXPERIMENTS/ CALCIUM, analysis/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ CATECHOLAMINES, metabolism/ CATTLE/ CHROMAFFIN SYSTEM, analysis/ MAGNESIUM, analysis/ PERFUSION

433. **Borth R, Menzi A:** Effect of freezing and thawing and of diluent on the potency of human chorionic gonadotrophin in three methods of bioassay.
Acta Endocr (Kobenhavn) 61:89-95, May 69
ANIMAL EXPERIMENTS/ ASCORBIC ACID, metabolism/ *BIOLOGICAL ASSAY/ *BORATES/ BUFFERS/ COMPARATIVE STUDY/ FEMALE/ *FREEZING/ *GELATIN/ *GONADOTROPINS, CHORIONIC, standards/ HYPEREMIA/ METHODS/ MICE/ ORGAN WEIGHT/ OVARY, blood supply/ OVARY, drug effects/ RATS/ *SERUM ALBUMIN, BOVINE/ *SODIUM CHLORIDE/ STIMULATION, CHEMICAL/ UTERUS, drug effects/ VEHICLES/ *WATER

434. **Boscaro M, Caprioglio A:** La puntura del Douglas nella citodiagnostica delle neoplasie ovariche.
Minerva Med 60:1332-9, 11 Apr 69 **(Ita)**
*ADENOCARCINOMA, diagnosis/ *ADENOCARCINOMA, PAPILLARY, diagnosis/ ADULT/ AGED/ *ASCITIC FLUID, cytology/ *CARCINOMA, PAPILLARY, diagnosis/ *DISGERMINOMA, diagnosis/ *DOUGLAS' POUCH/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MIDDLE AGE/ *OVARIAN NEOPLASMS, diagnosis/ PUNCTURES

435. **Bouchon JP:** Hypothyroidies de l'adulte.
Soins 14:293-301, Jul 69 **(Fre)**
ADULT/ HYPOTHYROIDISM/ SPECIAL LIST NURSING

436. **Boué A, Celers J:** Attenuated rubella virus vaccines in children with tuberculosis. Clinical trials.
Amer J Dis Child 118:258-60, Aug 69
ANTIBODIES, analysis/ ANTITUBERCULAR AGENTS, therapeutic use/ BODY TEMPERATURE/ CHILD, PRESCHOOL/ CLINICAL RESEARCH/ CORTISONE, therapeutic use/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ METHODS/ NEUTRALIZATION TESTS/ NOSE, microbiology/ PHARYNX, microbiology/ *RUBELLA, immunology/ RUBELLA VACCINE/ *RUBELLA VIRUS/ RUBELLA VIRUS, isolation & purification/ *TUBERCULOSIS IN CHILDHOOD/ *TUBERCULOSIS, PULMONARY/ VACCINATION/ *VIRAL VACCINES

437. **Boué JG, Boué A:** Effects of rubella virus infection on the division of human cells.
Amer J Dis Child 118:45-8, Jul 69
*CELL DIVISION/ CHROMOSOME ABERRATIONS/ CHROMOSOMES, HUMAN, 21-22/ EMBRYO/ HUMAN/ IN VITRO/ KIDNEY/ LUNG/ MUCOUS MEMBRANE/ MUSCLES/ PHARYNX/ PITUITARY GLAND/ *RUBELLA, pathology/ *RUBELLA VIRUS/ SKIN/ TISSUE CULTURE

438. **Bouissou H, Kanoun T, Bierme S, et al:** Foie et placenta au cours de la maladie hémolytique par iso-immunisation Rh (étude histologique et déductions) Path Biol (Paris) 17:109-20, Feb 69 **(Fre)**
BILIRUBIN, blood/ BLOOD VOLUME/ EDEMA, etiology/ ENGLISH ABSTRACT/ ERYTHROBLASTOSIS, FETAL, complications/ *ERYTHROBLASTOSIS, FETAL, pathology/ FEMALE/ HEMATOPOIESIS/ HUMAN/ HYPERALDOSTERONISM, complications/ HYPERALDOSTERONISM, etiology/ HYPERTENSION, PORTAL, etiology/ INFANT, NEWBORN/ ISCHEMIA/ LIVER, blood supply/ *LIVER, pathology/ PLACENTA, blood supply/ *PLACENTA, pathology/ PREGNANCY/ PREGNANCY COMPLICATIONS, HEMATOLOGIC/ *RH FACTORS

439. **Boulangé M, Cuillier J, Beaudouin AM:** Effets comparés de l'arginine- et de la lysine-vasopressine sur la diurèse du crapaud d'Europe.
J Physiol (Paris) 59:Suppl:220, 1967 **(Fre)**
ANIMAL EXPERIMENTS/ *ARGININE, pharmacodynamics/ *DIURESIS, drug effects/ *LYSINE, pharmacodynamics/ TOADS/ *VASOPRESSIN, pharmacodynamics

440. **Boumghar M:** Les syndromes paranéoplasiques du carcinome bronchique.
Praxis 58:649-51, 20 May 69 **(Fre)**
*BONE DISEASES, etiology/ *BRONCHIAL NEOPLASMS, complications/ *CARCINOMA, complications/ *CARCINOMA, EPIDERMOID, complications/ *ENDOCRINE DISEASES, etiology/ *HEMATOLOGIC DISEASES, etiology/ HUMAN/ *JOINT DISEASES, etiology/ *NEUROLOGIC MANIFESTATIONS/ *SKIN MANIFESTATIONS

441. **Bour H, Renoux M, Guy-Grand B, et al:** Maladie de Horton avec atteinte oculaire bilatérale, nécrose cutanée et nécrose.
Presse Med 77:233-6, 8 Feb 69 **(Fre)**
AGED/ ANGIOGRAPHY/ *BLINDNESS, etiology/ CORTISONE, therapeutic use/ DEXAMETHASONE, therapeutic use/ ERGOTAMINE, therapeutic use/ FEMALE/ GANGRENE, etiology/ HUMAN/ MALE/ *NECROSIS/ NICOTINIC ACID, therapeutic use/ PAPAVERINE, therapeutic use/ PHENINDIONE, therapeutic use/ *SCALP/ *SKIN DISEASES, etiology/ TEMPORAL

ARTERIES, pathology/ *TEMPORAL ARTERITIS/ TEMPORAL ARTERITIS, complications/ TEMPORAL ARTERITIS, drug therapy/ TEMPORAL ARTERITIS, pathology/ *TONGUE DISEASES, etiology/ WOUND HEALING

442. **Bourel M, Pirot D, Lenoir P, et al:** Contritution à l'étude de l'intervention du système rénine-angiotensine-aldostérone au cours de l'évolution des hépatopathies alcooliques chroniques.
Rev Int Hepat 18:871-94, 1968 **(Fre)**
ADULT/ ALCOHOLISM, complications/ *ALCOHOLISM, metabolism/ *ANGIOTENSIN, metabolism/ BLOOD VOLUME/ ENGLISH ABSTRACT/ FATTY LIVER, metabolism/ FEMALE/ HUMAN/ *HYPERALDOSTERONISM, etiology/ HYPERTENSION, PORTAL, etiology/ LIVER CIRRHOSIS, etiology/ *LIVER CIRRHOSIS, metabolism/ MALE/ MIDDLE AGE/ NATRIURESIS/ POTASSIUM, urine/ *RENIN, metabolism

443. **Bousquet M, Fléchon JE, Denamur R:** Aspects ultrastructuraux de la glande mammaire de lapine pendant la lactogénèse.
Z Zellforsch 96:418-36, 1969 **(Fre)**
ANIMAL EXPERIMENTS/ CYTOPLASM/ ENDOPLASMIC RETICULUM/ ENGLISH ABSTRACT/ EPITHELIUM/ FEMALE/ HISTOLOGICAL TECHNICS/ *LACTATION/ *MAMMAE, anatomy & histology/ MAMMAE, drug effects/ MICROSCOPY, ELECTRON/ PREGNANCY/ *PREGNANCY, ANIMAL/ PROLACTIN, pharmacodynamics/ RABBITS

444. **Bower JD, Coleman TG:** Circulatory function during chronic hemodialysis.
Trans Amer Soc Artif Intern Organs 15:373-7, 1969
*BLOOD CIRCULATION/ BLOOD PRESSURE/ BODY WEIGHT/ CARDIAC OUTPUT/ *HEMODIALYSIS/ HUMAN/ METHODS/ RENIN, blood/ SODIUM, metabolism/ *UREMIA, physiopathology/ UREMIA, therapy/ VASCULAR RESISTANCE

445. **Boyd DW, Brewis RA, Gleeson MH:** Myxoedema coma.
Postgrad Med J 45:342-4, May 69
ADENOCARCINOMA, complications/ *COMA, etiology/ FEMALE/ HUMAN/ HYPERCAPNIA, complications/ MIDDLE AGE/ *MYXEDEMA, complications/ MYXEDEMA, therapy/ RESPIRATION, ARTIFICIAL/ THYROID NEOPLASMS, complications

446. **Boyde A, Jones SJ:** Scanning electron microscopy of cementum and Sharpey fibre bone.
Z Zellforsch 92:536-48, 1968
ANIMAL EXPERIMENTS/ CALCIFICATION, PHYSIOLOGIC/ COLLAGEN/ *DENTAL CEMENTUM, anatomy & histology/ *DENTIN, anatomy & histology/ ETHYLENEDIAMINES/ HISTOLOGICAL TECHNICS/ HUMAN/ *MAMMALS, anatomy & histology/ MICROSCOPY, ELECTRON/ *TOOTH, anatomy & histology/ *TOOTH, DECIDUOUS, anatomy & histology

447. **Božović L, Castenfors J, Ljungqvist A:** Renal juxtaglomerular cell granulation in acute and prolonged increase in renin production induced by hydralazine in the rat.
Scand J Urol Nephrol 2:161-4, 1968
ANIMAL EXPERIMENTS/ *CYTOPLASMIC GRANULES/ FEMALE/ HYDRALAZINE, antagonists & inhibitors/ *HYDRALAZINE, pharmacodynamics/ *JUXTAGLOMERULAR APPARATUS, cytology/ *JUXTAGLOMERULAR APPARATUS, drug effects/ JUXTAGLOMERULAR APPARATUS, secretion/ PENTOLINIUM TARTRATE, pharmacodynamics/ RATS/ RENAL ARTERY OBSTRUCTION/ *RENIN, analysis/ RENIN, secretion/ SECRETORY RATE, drug effects/ STIMULATION, CHEMICAL

448. **Bozzini CE, Barrio Rendo ME, Kofoed JA:** Erythrokinetics in adrenalectomized dogs.
Acta Physiol Lat Amer 18:304-10, 1968
*ADRENALECTOMY, adverse effects/ *ANEMIA/ ANIMAL EXPERIMENTS/ CHROMIUM ISOTOPES/ DOGS/ *ERYTHROCYTES, physiology/ FEMALE/ IRON ISOTOPES/ MALE/ METHODS

449. **Brachet E, Rasio E:** The passage of [125I]insulin across isolated mesentery. Effect of anti-insulin serum.
Biochim Biophys Acta 183:162-8, 3 Jun 69
ANIMAL EXPERIMENTS/ ANTIGENS/ *BIOLOGICAL TRANSPORT, drug effects/ CARBON ISOTOPES/ DEXTRAN, metabolism/ DIFFUSION/ GUINEA PIGS/ IMMUNE SERUMS/ *INSULIN, metabolism/ *INSULIN ANTIBODIES/ INULIN, metabolism/ IODINE ISOTOPES/ IODOPROTEINS/ KINETICS/ MALE/ MEMBRANES, metabolism/ *MESENTERY, metabolism/ MOLECULAR WEIGHT/ RATS/ SERUM ALBUMIN, BOVINE, metabolism/ SERUM ALBUMIN, RADIO-IODINATED, metabolism

450. **Bradbeer WH:** Treatment of hereditary telangiectasia.
J Laryng 83:667-9, Jul 69
ANTIBIOTICS, therapeutic use/ CELLULITIS, drug therapy/ EPISTAXIS, etiology/ ESTROGENS, adverse effects/ FEMALE/ HUMAN/ NASAL MUCOSA, surgery/ POSTOPERATIVE COMPLICATIONS/ SKIN, transplantation/ TELANGIECTASIA, HEREDITARY HEMORRHAGIC, drug therapy/ *TELANGIECTASIA, HEREDITARY HEMORRHAGIC, surgery/ TRANSPLANTATION, AUTOLOGOUS

451. **Braithwaite LW:** Testis cycles of a native duck.
J Reprod Fertil 19:390-1, Jul 69
ANIMAL EXPERIMENTS/ *DUCKS, physiology/ MALE/ *PERIODICITY/ SPERMATOZOA/ TESTIS, anatomy & histology/ *TESTIS, physiology

452. **Braley HC, Freeman MJ:** Heterogeneity of the antibody response to thyroglobulin: effects of 6-mercaptopurine.
Clin Exp Immun 4:659-65, Jun 69
ANIMAL EXPERIMENTS/ *ANTIBODY FORMATION, drug effects/ CATTLE/ GAMMA GLOBULIN, 7S, biosynthesis/ GAMMA GLOBULIN, 19S, biosynthesis/ GEL DIFFUSION TESTS/ HEMAGGLUTINATION TESTS/ IMMUNOELECTROPHORESIS/ *MERCAPTOPURINE, pharmacodynamics/ RABBITS/ RADIOIMMUNOASSAY/ SHEEP/ *THYROGLOBULIN

453. **Brändle K:** Embryologie der Vertebraten. Bau und Entwicklung der Keimzellen.
Fortschr Zool 19:141-93, 1968 **(Ger)**
ANIMAL EXPERIMENTS/ CHICK EMBRYO/ FEMALE/ FISHES, embryology/ GERM CELLS, cytology/ *GERM CELLS, embryology/ GONADS, embryology/ GUINEA PIGS/ HUMAN/ MALE/ OVUM, cytology/ OVUM, embryology/ RATS/ SEX DIFFERENTIATION DISORDERS/ SPERMATOZOA, cytology/ SPERMATOZOA, embryology/ *VERTEBRATES, embryology

454. **Brass K:** Observaciones sobre la anatomía patológica, patogénesis y evolución de la paracoccidioidomicosis.
Mycopathologia 37:119-38, 28 Mar 69 **(Spa)**
ADRENAL GLAND DISEASES, pathology/ ADRENAL GLANDS, pathology/ ADULT/ AGED/ AORTIC DISEASES, pathology/ ARTERITIS, pathology/ BLASTOMYCOSIS, complications/ BLASTOMYCOSIS, etiology/ *BLASTOMYCOSIS, pathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ ILIAC ARTERY/ LIVER, pathology/ LUNG, pathology/ LUNG DISEASES, FUNGAL, pathology/ MALE/ MIDDLE AGE/ MUCOUS MEMBRANE, pathology/ SPLEEN, pathology

455. **Brauman H, Corvilain J:** Effet de l'hypoglycémie sur la sécrétion de l'hormone somatotrope (S. T. H.) dans le myxoedème.
Ann Endocr (Paris) 29:465-72, Jul-Aug 68 **(Fre)**
ADULT/ AGED/ ANTIGEN-ANTIBODY REACTIONS/ BLOOD PROTEINS/ HUMAN/ HYPOGLYCEMIA, chemically induced/ *HYPOGLYCEMIA, physiopathology/ INSULIN/

IODINE, blood/ MIDDLE AGE/ *MYXEDEMA, physiopathology/ PROTEIN BINDING/ RADIOIMMUNOASSAY/ *SOMATOTROPIN, secretion

456. **Braun-Falco O:** Psoriasis am behaarten Kopf.
Deutsch Med Wschr 94:1466-7, 11 Jul 69 **(Ger)**
*ANTI-INFLAMMATORY AGENTS, therapeutic use/ GLUCOCORTICOIDS, therapeutic use/ *HAIR/ HUMAN/ OINTMENTS/ *PSORIASIS, drug therapy/ SOLUTIONS

457. **Braun-Falco O, Lukacs I, Nasemann T:** Zum Granuloma gangraenescens nasi.
Schweiz Med Wschr 99:703-8, 10 May 69 **(Ger)**
COLLAGEN/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *GRANULOMA, LETHAL MIDLINE/ GRANULOMA, LETHAL MIDLINE, diagnosis/ GRANULOMA, LETHAL MIDLINE, drug therapy/ GRANULOMA, LETHAL MIDLINE, pathology/ HUMAN/ METHYLPREDNISOLONE, therapeutic use/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ NOSE, pathology

458. **Braverman LE, Foster AE:** Effect of chronic coumadin administration on thyroid hormone binding in serum.
J Nucl Med 10:511-3, Jul 69
HUMAN/ PROTEIN-BOUND IODINE TEST/ PROTHROMBIN TIME/ THYROID GLAND FUNCTION TESTS/ *THYROXINE-BINDING PROTEIN, blood/ *WARFARIN, administration & dosage/ WARFARIN, pharmacodynamics

459. **Bray GA:** Effect of diet and triiodothyronine on the activity of sn-glycerol-3-phosphate dehydrogenase and on the metabolism of glucose and pyruvate by adipose tissue of obese patients.
J Clin Invest 48:1413-22, Aug 69
ADIPOSE TISSUE, enzymology/ *ADIPOSE TISSUE, metabolism/ ADOLESCENCE/ ADULT/ BIOPSY/ BODY WEIGHT/ CARBON DIOXIDE, metabolism/ CARBON ISOTOPES/ *DIET, REDUCING/ FEMALE/ *GLUCOSE, metabolism/ *GLYCEROLPHOSPHATE DEHYDROGENASE, metabolism/ HUMAN/ IN VITRO/ INSULIN/ LIPIDS, biosynthesis/ MALE/ *OBESITY, metabolism/ OXYGEN CONSUMPTION, drug effects/ *PYRUVATES, metabolism/ RESPIRATION, drug effects/ TIME FACTORS/ *TRIIODOTHYRONINE, pharmacodynamics

460. **Brecher AS, Pugatch RD, König M, et al:** The hydrolytic activity in normal human and malignant tissue.
Proc Soc Exp Biol Med 131:828-31, Jul 69
*ACID PHOSPHATASE, metabolism/ *ADENOCARCINOMA, PAPILLARY, enzymology/ ALANINE/ *ALKALINE PHOSPHATASE, metabolism/ AMIDES/ *AMIDOHYDROLASES, metabolism/ ARGININE/ *BRAIN, enzymology/ *CARCINOMA, DUCTAL, enzymology/ *CECAL NEOPLASMS, enzymology/ COBALT/ *DIPEPTIDASES, metabolism/ *GLIOMA, enzymology/ HUMAN/ LEUCINE/ MANGANESE/ NAPHTHALENES/ *OVARIAN NEOPLASMS, enzymology/ *PEPTIDE HYDROLASES, metabolism/ PHENYLALANINE

461. **Brecher P, Pasquina A, Wotiz HH:** Effect of metal ions on estradiol binding to uterine nuclear receptors.
Endocrinology 85:612-4, Sep 69
AMMONIUM CHLORIDE/ ANIMAL EXPERIMENTS/ *BARIUM, pharmacodynamics/ *BINDING SITES/ *CALCIUM, pharmacodynamics/ CALCIUM CHLORIDE/ CENTRIFUGATION, DENSITY GRADIENT/ CHLORIDES/ DEPRESSION, CHEMICAL/ EDTA/ *ESTRADIOL, metabolism/ FEMALE/ *MAGNESIUM, pharmacodynamics/ *MANGANESE, pharmacodynamics/ MERCURY, pharmacodynamics/ MOLECULAR WEIGHT/ POTASSIUM CHLORIDE/ RATS/ *RECEPTORS, DRUG/ STIMULATION, CHEMICAL/ SUCROSE/ TROMETHAMINE/ *UTERUS, drug effects/ ZINC

462. **Breckenridge BM, Lisk RD:** Cyclic adenylate and hypothalamic regulatory functions.
Proc Soc Exp Biol Med 131:934-5, Jul 69
*ADENINE NUCLEOTIDES, physiology/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, physiology/ ANIMAL EXPERIMENTS/ APPETITE DISORDERS, chemically induced/ ESTRUS/ FEMALE/ FEVER, chemically induced/ HYPOTHALAMUS, drug effects/ *HYPOTHALAMUS, physiology/ RATS/ SEX BEHAVIOR, ANIMAL

463. **Breed WG:** Oestrus and ovarian histology in the lactating vole (Microtus agrestis).
J Reprod Fertil 18:33-42, Feb 69
ANIMAL EXPERIMENTS/ COITUS/ CORPUS LUTEUM, anatomy & histology/ EPITHELIUM/ ESTROGENS, secretion/ *ESTRUS/ FEMALE/ FSH, secretion/ GRAAFIAN FOLLICLE, anatomy & histology/ *LACTATION/ MALE/ NIDATION/ *OVARY, anatomy & histology/ OVULATION/ PREGNANCY/ RODENTS/ SEX BEHAVIOR, ANIMAL/ VAGINAL SMEARS

464. **Brenner RM:** Renewal of oviduct cilia during the menstrual cycle of the rhesus monkey.
Fertil Steril 20:599-611, Jul-Aug 69
ANIMAL EXPERIMENTS/ *CILIA, growth & development/ CORPUS LUTEUM/ FEMALE/ GRAAFIAN FOLLICLE/ *MENSTRUATION/ MICROSCOPY, ELECTRON/ *MONKEYS, anatomy & histology/ MONKEYS, growth & development/ MORPHOGENESIS/ *OVIDUCTS, cytology/ OVIDUCTS, growth & development/ REGENERATION

465. **Bressler R, Vargas-Cordon M, Brendel K:** Inhibition of insulin secretion by aryl-substituted secondary aminoethanols. Diabetes 18:262-7, May 69
ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ *AMINO ALCOHOLS, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD SUGAR, analysis/ CORTICOTROPIN, pharmacodynamics/ DEPRESSION, CHEMICAL/ GLUCAGON, pharmacodynamics/ GLUCOSE, pharmacodynamics/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, INTRAVENOUS/ *INSULIN, blood/ INSULIN, secretion/ MALE/ MICE/ *PROPRANOLOL, pharmacodynamics/ *PROPYLAMINES, pharmacodynamics/ *SULFANILAMIDE, pharmacodynamics/ *SYMPATHOLYTICS/ TOLBUTAMIDE, pharmacodynamics

466. **Bret AJ, Blanchier H, Sanchez Ramos J:** Progestatifs oraux et augmentation de la pression artérielle.
Rev Franc Gynec Obstet 63:703-12, Dec 68 **(Fre)**
ADULT/ AGE FACTORS/ ARTERIES/ ENGLISH ABSTRACT/ FEMALE/ *GYNECOLOGIC DISEASES, drug therapy/ HUMAN/ *HYPERTENSION, chemically induced/ HYPERTENSION, complications/ MIDDLE AGE/ OBESITY, complications/ PREDIABETIC STATE, complications/ *PROGESTATIONAL HORMONES, adverse effects

467. **Bretlau P, Jorgensen MB:** Otosclerosis and osteogenesis imperfecta.
Arch Otolaryng (Chicago) 90:4-10, Jul 69
AGED/ COCHLEA, pathology/ HUMAN/ INFANT, NEWBORN/ LABYRINTH, pathology/ *OSTEOGENESIS IMPERFECTA, complications/ *OTOSCLEROSIS, etiology/ TEMPORAL BONE, pathology

468. **Breuer H, Knuppen R:** Stoffwechsel von 9beta, 10alpha-Testosteron in Gewebepräparationen der Rattenleber und der Nebenniere des Rindes.
Hoppe Seyler Z Physiol Chem 350:581-90, May 69 **(Ger)**
*ADRENAL GLANDS, metabolism/ ANDROSTANES, isolation & purification/ ANIMAL EXPERIMENTS/ CATTLE/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ ENGLISH ABSTRACT/ HYDROXYSTEROID DEHYDROGENASE, metabolism/ INFRARED RAYS/ 17-KETOSTEROIDS, isolation & purification/ KINETICS/ LIVER, cytology/ *LIVER, metabolism/ MICROSOMES,

metabolism/ RATS/ SPECTROPHOTOMETRY/ *TESTOSTERONE, metabolism

469. **Breunung M, Ocklitz HW, Schmitz HH, et al:** Pädiatrische Arbeitsrichtlinien. 15. Das Coma hepaticum.
Z Aerztl Fortbild (Jena) 63:312-4, 15 Mar 69 (Ger)
ADRENAL CORTEX HORMONES, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ ENEMA/ EXCHANGE TRANSFUSION/ *HEPATIC COMA/ HEPATIC COMA, diagnosis/ HEPATIC COMA, drug therapy/ HUMAN/ INFANT/ INFANT, NEWBORN/ INFUSIONS, PARENTERAL/ WATER-ELECTROLYTE BALANCE

470. **Breunung M, Ocklitz HW, Schmitz HH, et al:** Pädiatrische Arbeitsrichtlinien: 14. Hepatitis--Diagnose und Therapy.
Z Aerztl Fortbild (Jena) 63:260-3, 1 Mar 69 (Ger)
ADRENAL CORTEX HORMONES, therapeutic use/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ DIET THERAPY/ GLUCOSE, therapeutic use/ HEPATITIS, blood/ *HEPATITIS, diagnosis/ HEPATITIS, drug therapy/ *HEPATITIS, therapy/ HEPATITIS, HOMOLOGOUS SERUM, diagnosis/ HEPATITIS, INFECTIOUS, diagnosis/ HUMAN/ INFANT, NEWBORN/ JAUNDICE, NEONATAL, diagnosis/ JAUNDICE, OBSTRUCTIVE, diagnosis/ LIVER FUNCTION TESTS/ VITAMIN B COMPLEX, therapeutic use

471. **Brewerton DA:** Radiographic studies of tendons in the rheumatoid hand. Brit J Radiol 42:487-92, Jul 69
*ARTHRITIS, RHEUMATOID, radiography/ DIATRIZOATE, diagnostic use/ FINGERS, radiography/ HUMAN/ HYDROCORTISONE, therapeutic use/ INJECTIONS/ TENOSYNOVITIS, drug therapy/ *TENOSYNOVITIS, radiography/ WRIST, radiography

472. **Brey O, Garner EP, Wells D:** Cyclic thrombocytopenia associated with multiple autoantibodies.
Brit Med J 3:397-8, 16 Aug 69
ADULT/ *AUTOANTIBODIES/ BLOOD PLATELETS, immunology/ FEMALE/ HUMAN/ HYPERTHYROIDISM, complications/ LIVER CIRRHOSIS, OBSTRUCTIVE, complications/ MENSTRUATION/ MITOCHONDRIA, immunology/ *PERIODICITY/ THROMBOPENIA, complications/ *THROMBOPENIA, immunology/ THYROID GLAND, immunology

473. **Bricaire H, Joly J:** La place des nouveaux sympatholytiques dans le traitement des hyperthyroïdies et des hypothyroïdies.
Therapeutique 45:61-2, Jan 69 (Fre)
*GUANETHIDINE, therapeutic use/ HUMAN/ *HYPERTHYROIDISM, drug therapy/ *HYPOTHYROIDISM, drug therapy/ *PROPRANOLOL, therapeutic use/ SYMPATHOLYTICS, therapeutic use

474. **Bricaire H, Modigliani E, Joly J, et al:** L'hypertrophie des glandes salivaires au cours du syndrome carcinoïde.
Ann Med Intern (Paris) 120:85-96, Feb 69 (Fre)
ADENOMA, diagnosis/ *BRADYKININ, blood/ *CARCINOID TUMOR, complications/ CARCINOID TUMOR, diagnosis/ CARCINOID TUMOR, enzymology/ CARCINOID TUMOR, radiotherapy/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERTROPHY, etiology/ ILEUM/ *INTESTINAL NEOPLASMS, complications/ INTESTINAL NEOPLASMS, diagnosis/ INTESTINAL NEOPLASMS, enzymology/ KALLIKREIN, metabolism/ *LIVER NEOPLASMS, complications/ LIVER NEOPLASMS, enzymology/ LIVER NEOPLASMS, radiotherapy/ MIDDLE AGE/ NEOPLASM METASTASIS/ PALLIATIVE TREATMENT/ *SALIVARY GLAND DISEASES, etiology/ SARCOIDOSIS, diagnosis/ THYROID NEOPLASMS, diagnosis

475. **Brincourt J:** L'action liquéfiante sur les collections suppurées d'une charge de calciférol.
Presse Med 77:467-70, 15 Mar 69 (Fre)
ABSCESS, drug therapy/ ADRENAL GLAND HYPOFUNCTION, complications/ ADULT/ CALCIUM, physiology/ CHLORAMPHENICOL, therapeutic use/ *CITRATES, blood/ EMPYEMA, drug therapy/ EMPYEMA, TUBERCULOUS, drug therapy/ ENGLISH ABSTRACT/ *ERGOCALCIFEROL, administration & dosage/ ERGOCALCIFEROL, adverse effects/ FEMALE/ FURUNCULOSIS, drug therapy/ HUMAN/ HYPERCALCEMIA, chemically induced/ HYPOCALCEMIA/ INTESTINAL ABSORPTION/ ISONIAZID, therapeutic use/ KLEBSIELLA INFECTIONS, drug therapy/ KREBS CYCLE/ LUNG ABSCESS, drug therapy/ LUPUS, drug therapy/ LYMPHADENITIS, drug therapy/ MALE/ MIDDLE AGE/ PARONYCHIA, drug therapy/ PENICILLIN, therapeutic use/ PLEURISY, drug therapy/ PREDNISONE, therapeutic use/ STREPTOMYCIN, therapeutic use/ *SUPPURATION, drug therapy/ TUBERCULOSIS, PULMONARY, drug therapy

476. **Brink NG:** The mutagenic activity of the pyrrolizidine alkaloid heliotrine in Drosophila melanogaster. II. Chromosome rearrangements.
Mutat Res 8:139-46, Jul-Aug 69
*ALKALOIDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ CHROMATIDS, drug effects/ *CHROMOSOME ABERRATIONS, drug effects/ DROSOPHILA/ FEMALE/ GENES, DOMINANT/ GENES, LETHAL/ MALE/ MUTATION, drug effects/ *PYRROLIDINES, pharmacodynamics/ *SEX CHROMOSOMES, drug effects/ SEX RATIO, drug effects

477. **Britten JS, Morell H, Taggart JV:** Anion activation of maleate hydratase.
Biochim Biophys Acta 185:220-7, 8 Jul 69
ACETATES/ ANIMAL EXPERIMENTS/ BROMIDES/ CHEMISTRY/ CHLORIDES/ FLUORIDES/ FORMATES/ HYDROGEN-ION CONCENTRATION/ *HYDRO-LYASES/ HYDRO-LYASES, antagonists & inhibitors/ IODIDES/ KIDNEY, enzymology/ KINETICS/ MALATES/ MALEATES/ NITRATES/ RABBITS/ SODIUM/ THIOCYANATES

478. **Brod J, Rossmann P, Motlík K, et al:** Two cases of renal disease with unusual disturbances in calcium metabolism. Israel J Med Sci 5:91-7, Jan-Feb 69
ADULT/ BLOOD VESSELS, metabolism/ *CALCINOSIS/ *CALCIUM, metabolism/ CASE REPORT/ FEMALE/ HUMAN/ HYPERPARATHYROIDISM, etiology/ KIDNEY FAILURE, CHRONIC, complications/ *KIDNEY FAILURE, CHRONIC, metabolism/ KIDNEY FAILURE, CHRONIC, pathology/ MALE/ MUSCLES, pathology/ MYOCARDIUM, metabolism/ MYOCARDIUM, pathology/ SKIN, metabolism/ SKIN, pathology

479. **Brody IA:** Muscle contracture induced by exercise. A syndrome attributable to decreased relaxing factor.
New Eng J Med 281:187-92, 24 Jul 69
ACTION POTENTIALS/ ADENOSINE TRIPHOSPHATASE, metabolism/ ADULT/ CALCIUM, metabolism/ *CONTRACTURE, etiology/ ELECTROMYOGRAPHY/ ENDOPLASMIC RETICULUM, metabolism/ *EXERTION/ GLUCOSYLTRANSFERASES, metabolism/ HUMAN/ LACTATES, blood/ MALE/ MICROSOMES, metabolism/ MUSCLE CONTRACTION/ *MUSCLE RELAXING FACTOR/ MUSCLES, cytology/ MUSCLES, enzymology/ MYOGRAPHY/ REST

480. **Bron KM, Riley RR, Girdany BR:** Pediatric arteriography in abdominal and extremity lesions. Clinical experience, indications, and technic.
Radiology 92:1241-55, May 69
*ABDOMINAL INJURIES, radiography/ *ABDOMINAL NEOPLASMS, radiography/ ADOLESCENCE/ ADRENAL GLAND NEOPLASMS, radiography/ ADRENOGENITAL SYNDROME, radiography/ *ANGIOGRAPHY/ AORTOGRAPHY/ BLOOD VESSELS,

abnormalities/ CARCINOMA, radiography/ CHILD/ CHILD, PRESCHOOL/ DIATRIZOATE, diagnostic use/ FEMALE/ HAMARTOMA, radiography/ HUMAN/ HYPERTENSION, RENAL, radiography/ INFANT/ KIDNEY NEOPLASMS, radiography/ LIVER NEOPLASMS, radiography/ MALE/ NEOPLASM METASTASIS/ NEPHROBLASTOMA, radiography/ NEUROBLASTOMA, radiography/ PHLEBOGRAPHY/ PYELONEPHRITIS, radiography/ RENAL ARTERY OBSTRUCTION, radiography/ *VASCULAR DISEASES, radiography

481. **Bronshtein IE, Krisiuk EM, Liberman AN:** O zavisimosti predel'no dopustimoĭ ékspozitsionnoĭ dozy ot énergii retngenovskogo ili gamma-izluchenila.
Gig Sanit 32:47-50, Sep 67 **(Rus)**
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ GUINEA PIGS/ *LENS, CRYSTALLINE, radiation effects/ MALE/ MAXIMUM PERMISSIBLE EXPOSURE LEVEL/ MICE/ *RADIATION EFFECTS/ *RADIOTHERAPY DOSAGE/ RATS/ *SKIN, radiation effects/ *TESTIS, radiation effects

482. **Bronzini C:** Deformazioni craniche da rachitismo.
Policlinico [Prat] 75:1701-5, 16 Dec 68 **(Ita)**
DIAGNOSIS, DIFFERENTIAL/ HUMAN/ *RICKETS, complications/ *SKULL/ SKULL, abnormalities

483. **Brooke MH, Engel WK:** The histographic analysis of human muscle biopsies with regard to fiber types. 4. Children's biopsies.
Neurology (Minneap) 19:591-605, Jun 69
ADOLESCENCE/ ATAXIA, pathology/ BIOPSY/ CEREBRAL PALSY, pathology/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INFANT/ KLINEFELTER'S SYNDROME, pathology/ MALE/ MOVEMENT DISORDERS, pathology/ MUSCLES, pathology/ *MUSCULAR DISEASES, pathology/ MYASTHENIA GRAVIS, pathology/ *MYOFIBRILS, analysis/ MYOTONIA ATROPHICA, pathology/ *NERVOUS SYSTEM DISEASES, complications/ TABES DORSALIS, pathology

484. **Brooks MH, Guha A, Danforth E Jr, et al:** Pheochromocytoma: observations on mechanism of carbohydrate intolerance and abnormalities associated with development of Goldblatt kidney following removal of tumor.
Metabolism 18:445-59, Jun 69
ADRENAL GLAND NEOPLASMS/ *ADRENAL GLAND NEOPLASMS, metabolism/ *ADRENALECTOMY, adverse effects/ ADULT/ ARGININE, diagnostic use/ BLOOD SUGAR, metabolism/ CATECHOLAMINES, urine/ CLINICAL RESEARCH/ FEMALE/ GLUCOSE TOLERANCE TEST/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, blood/ *HYPERTENSION, RENAL/ HYPERTENSION, RENAL, etiology/ HYPERTENSION, RENAL, surgery/ INSULIN, blood/ NEPHRECTOMY/ PHENTOLAMINE, diagnostic use/ *PHEOCHROMOCYTOMA, metabolism/ PHEOCHROMOCYTOMA, surgery/ RENIN, blood/ SOMATOTROPIN, blood

485. **Brooks SE, Pegg PJ, Ward EE:** The syndrome of inappropriate secretion of anti-diuretic hormone, associated with a cerebral aneurysm.
W Indian Med J 17:193-203, Dec 68
AGED/ *CEREBRAL ANEURYSM, complications/ FEMALE/ HUMAN/ HYPOKALEMIA, etiology/ *HYPONATREMIA, etiology/ *VASOPRESSIN, secretion

486. **Bross ID, Schmidt ML, Dao TL, et al:** A statistical solution to an ethical problem.
Clin Pharmacol Ther 10:307-13, May-Jun 69
ADRENALECTOMY/ BREAST NEOPLASMS, drug therapy/ *BREAST NEOPLASMS, therapy/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ *ETHICS, MEDICAL/ FEMALE/ HORMONES, therapeutic use/ HUMAN/ MATHEMATICS/ MODELS, THEORETICAL/ NEOPLASM METASTASIS, therapy/ *STATISTICS

487. **Brostoff J:** Autoantibodies in patients with vitiligo.
Lancet 2:177-8, 26 Jul 69
ADOLESCENCE/ ADRENAL GLAND HYPOFUNCTION, etiology/ ADRENAL GLANDS, immunology/ ADULT/ AGED/ ANTINUCLEAR FACTORS, analysis/ *AUTOANTIBODIES, analysis/ AUTOIMMUNE DISEASES/ CHILD/ CHILD, PRESCHOOL/ CYTOPLASM, immunology/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ GASTRIC MUCOSA, immunology/ HUMAN/ MALE/ MIDDLE AGE/ THYROGLOBULIN/ THYROID GLAND, immunology/ VITILIGO, complications/ *VITILIGO, immunology

488. **Brown AM:** Sympathetic ganglionic transmission and the cardiovascular changes of the defense reaction in the cat. Circ Res 24:843-9, Jun 69
ANIMAL EXPERIMENTS/ ATROPINE, pharmacodynamics/ BLOOD PRESSURE/ *CARDIOVASCULAR SYSTEM, physiopathology/ CATS/ *ELECTRIC STIMULATION/ FORELIMB, blood supply/ *GANGLIA, AUTONOMIC, physiology/ HEXAMETHONIUM COMPOUNDS, pharmacodynamics/ *HYPOTHALAMUS, physiology/ *NEURAL TRANSMISSION

489. **Brown DC, Ellison ED, Kaufman HE:** Quantitative systemic corticosteroid effect on xenograft reaction.
Amer J Ophthal 67:896-9, Jun 69
ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS, drug effects/ CORNEA, immunology/ CORNEA, surgery/ *CORNEA, transplantation/ *DEXAMETHASONE, administration & dosage/ HISTOCOMPATIBILITY/ RABBITS/ SWINE/ TRANSPLANTATION, HETEROLOGOUS/ TRANSPLANTATION IMMUNOLOGY

490. **Brown GA, Wellings SR:** Collagen formation and calcification in teleost scales.
Z Zellforsch 93:571-82, 1969
ANIMAL EXPERIMENTS/ *CALCIFICATION, PHYSIOLOGIC/ *COLLAGEN/ *CONNECTIVE TISSUE, growth & development/ *FISHES, growth & development

491. **Brown HD, Chattopadhyay SK, Patel AB, et al:** Lactate dehydrogenase isozymes of 3-2'-dimethyl-4-amino biphenyl-induced breast carcinoma.
Brit J Cancer 23:446-51, Jun 69
ADENOCARCINOMA, enzymology/ ANIMAL EXPERIMENTS/ *BIPHENYL COMPOUNDS/ CENTRIFUGATION/ CYTOPLASM, enzymology/ ENDOPLASMIC RETICULUM, enzymology/ FEMALE/ INJECTIONS, SUBCUTANEOUS/ *LACTATE DEHYDROGENASE ISOENZYMES, metabolism/ LACTATION/ MAMMAE, enzymology/ *MAMMARY NEOPLASMS, EXPERIMENTAL, enzymology/ PREGNANCY/ RATS

492. **Brown JH, Schwartz NL:** Interaction of lysosomes and anti-infalmmatory drugs.
Proc Soc Exp Biol Med 131:614-20, Jun 69
ACID PHOSPHATASE, metabolism/ ANALGESICS AND ANTIPYRETICS, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ CELL MEMBRANE/ GLUCOCORTICOIDS, pharmacodynamics/ GLUCURONIDASE, metabolism/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ LIVER/ *LYSOSOMES/ LYSOSOMES, enzymology/ MALE/ METHODS/ RATS/ *TEMPERATURE

493. **Brown JJ, Chinn RH, Lever AF, et al:** Antidiuresis in diabetes insipidus. Lancet 1:1155, 7 Jun 69
*ANGIOTENSIN, pharmacodynamics/ ANGIOTENSIN, therapeutic use/ ANIMAL EXPERIMENTS/ *CHLORPROPAMIDE, pharmacodynamics/ CHLORPROPAMIDE, therapeutic use/ *DIABETES INSIPIDUS, drug therapy/ *DIURESIS, drug effects/ DOGS/ HUMAN/ RENIN, pharmacodynamics

494. **Brown JJ, Curtis JR, Lever AF, et al:** Plasma renin concentration and the control of blood pressure in patients on maintenance haemodialysis.
Nephron 6:329-49, 1969
ADULT/ BODY WEIGHT/ FEMALE/ *HEMODIALYSIS/ HEMODIALYSIS, adverse effects/ HUMAN/ HYPERTENSION, etiology/ *HYPERTENSION, therapy/ HYPONATREMIA, occurrence/ KIDNEY FAILURE, CHRONIC, blood/ KIDNEY FAILURE, CHRONIC, complications/ *KIDNEY FAILURE, CHRONIC, therapy/ MALE/ NEPHRECTOMY/ *RENIN, blood/ THIRST

495. **Brown KS:** Genetic and environmental factors in profound prelingual deafness.
Med Clin N Amer 53:741-72, Jul 69 (64 ref.)
ADULT/ CHILD, PRESCHOOL/ DEAFNESS, congenital/ DEAFNESS, etiology/ *DEAFNESS, familial & genetic/ DEAFNESS, occurrence/ DISEASES IN TWINS/ *ENVIRONMENT/ FEMALE/ GENE FREQUENCY/ GENES/ GENETICS, HUMAN/ HEART DEFECTS, CONGENITAL, familial & genetic/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ PARENTS/ PIGMENTATION DISORDERS, familial & genetic/ RETINITIS PIGMENTOSA, familial & genetic/ REVIEW/ SELECTION (GENETICS)/ SEX CHROMOSOMES/ SKULL, abnormalities/ SPINE, abnormalities/ THYROID DISEASES, familial & genetic

496. **Brown M, Parks PB:** Neutron radiography in biologic media. Techniques, observations, and implications.
Amer J Roentgen 106:472-85, Jul 69
ADIPOSE TISSUE, radiography/ ANGIOGRAPHY/ ANIMAL EXPERIMENTS/ BONE AND BONES, radiography/ COMPARATIVE STUDY/ METHODS/ MUSCLES, radiography/ NEOPLASMS, radiography/ *NEUTRONS/ *RADIOGRAPHY/ RATS/ VENTRICULOGRAPHY

497. **Brown SI, Wassermann HE, Dunn MW:** Alkali burns of the cornea. Arch Ophthal (Chicago) 82:91-4, Jul 69
ANIMAL EXPERIMENTS/ BURNS, CHEMICAL/ CORNEA, analysis/ CORNEA, blood supply/ CORNEA, drug effects/ *CORNEA, injuries/ CORNEA, physiopathology/ *EYE BURNS, chemically induced/ HEXOSAMINES, analysis/ PREDNISOLONE, TOPICAL, pharmacodynamics/ RABBITS/ *SODIUM HYDROXIDE/ VASCULAR DISEASES, physiopathology/ WOUND HEALING/ WOUND HEALING, drug effects

498. **Brown-Grant K:** Effect of an IUCD on an endometrial response to steroid hormones in the rat.
J Reprod Fertil 18:475-80, Apr 69
ANIMAL EXPERIMENTS/ CASTRATION/ *ESTROGENS, pharmacodynamics/ FEMALE/ *INTRAUTERINE DEVICES/ IODINE, analysis/ IODINE, blood/ IODINE ISOTOPES/ PREGNANCY/ PROGESTERONE, antagonists & inhibitors/ *PROGESTERONE, pharmacodynamics/ RATS/ UTERUS, analysis/ *UTERUS, drug effects

499. **Browning LS:** The mutational spectrum produced in Drosophila by N-methyl-N'-nitro-N-nitrosoguanidine.
Mutat Res 8:157-64, Jul-Aug 69
ANIMAL EXPERIMENTS/ *CHROMOSOME ABERRATIONS, drug effects/ DROSOPHILA/ FEMALE/ GENES, LETHAL/ GENES, RECESSIVE/ GUANIDINES, pharmacodynamics/ MALE/ MEIOSIS, drug effects/ *MUTATION, drug effects/ *NITROSO COMPOUNDS, pharmacodynamics/ SEX CHROMOSOMES

500. **Brtníková M:** Diagnóza: dospívání.
Zdrav Prac 19:329-32 contd, Jun 69 (Cze)
ADOLESCENT PSYCHOLOGY/ PUBERTY/ SPECIAL LIST NURSING

501. **Brtníková M:** Diagnóza: dospívání.
Zdrav Prac 19:208-10 contd, Apr 69 (Cze)
PUBERTY/ SPECIAL LIST NURSING

502. **Brtníková M:** Diagnóza: Dospívání druhá z osmi kapitol o dospíváni--předevism divek.
Zdrav Prac 19:267-9 contd, May 69 (Cze)
PUBERTY/ SPECIAL LIST NURSING

503. **Bru A, Lucot H, Régis H, et al:** Quelques cas de thyroidite subaiguë.
J Radiol Electr 50:53-7, Jan-Feb 69 (Fre)
ADRENAL CORTEX HORMONES, therapeutic use/ *AUTOIMMUNE DISEASES, complications/ FEMALE/ GOITER, etiology/ HUMAN/ MALE/ MIDDLE AGE/ *RADIOISOTOPE SCANNING/ RESPIRATORY TRACT INFECTIONS, complications/ *THYROIDITIS/ THYROIDITIS, classification/ THYROIDITIS, complications/ THYROIDITIS, drug therapy/ THYROIDITIS, etiology/ THYROIDITIS, LYMPHOMATOUS/ THYROIDITIS, LYMPHOMATOUS, complications/ THYROIDITIS, LYMPHOMATOUS, etiology

504. **Bruce DL, Koepke JA:** Interaction of halothane and radiation in mice: possible implications.
Anesth Analg (Cleveland) 48:687-94, Jul-Aug 69
ANIMAL EXPERIMENTS/ BLOOD PROTEIN ELECTROPHORESIS/ BODY WEIGHT, radiation effects/ BONE MARROW CELLS, radiation effects/ ESTRUS, radiation effects/ FEMALE/ GONADS, radiation effects/ *HALOTHANE, pharmacodynamics/ LACTATE DEHYDROGENASE, blood/ LIVER, radiation effects/ MALE/ MICE/ MORTALITY/ *RADIATION EFFECTS/ RADIATION INJURY, EXPERIMENTAL/ *RADIATION-PROTECTIVE AGENTS, pharmacodynamics/ *RADIATION-SENSITIZING AGENTS, pharmacodynamics/ REPRODUCTION, radiation effects/ SPLEEN, radiation effects

505. **Bruchhausen F von, Streubel J:** Wirkungen von Amilorid und Triamteren auf die Lipolyse und den durch Enzyme induzierten Glucosetransport isolierter Fettzellen.
Naunyn Schmiedeberg Arch Pharm Exp Path 262:251-63, 1969 (Ger)
ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ CHYMOTRYPSIN, pharmacodynamics/ DEXAMETHASONE, pharmacodynamics/ *DIURETICS, pharmacodynamics/ *GLUCOSE, metabolism/ IN VITRO/ INSULIN, pharmacodynamics/ *LIPIDS, metabolism/ MALE/ PHOSPHOLIPASE, pharmacodynamics/ *PYRAZINES, pharmacodynamics/ RATS/ SOMATOTROPIN, pharmacodynamics/ STIMULATION, CHEMICAL/ *TRIAMTERENE, pharmacodynamics/ TRYPSIN, pharmacodynamics

506. **Brüchle H, Erpenbeck R:** Metastasierende Adenome der Schilddrüse.
Munchen Med Wschr 110:947-51, 12 Apr 68 (Ger)
ADENOMA, diagnosis/ ADENOMA, pathology/ AGED/ *BONE NEOPLASMS, radiography/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ MIDDLE AGE/ NEOPLASM METASTASIS, radiography/ PELVIC BONES, radiography/ RADIOISOTOPE SCANNING/ RIBS, radiography/ *THYROID NEOPLASMS, diagnosis/ THYROID NEOPLASMS, pathology

507. **Brudette WJ:** Causality, casuistry and clinical carcinogenesis.
Progr Exp Tumor Res 11:395-430, 1969 (155 ref.)
ANIMAL EXPERIMENTS/ *CARCINOGENS/ CARCINOGENS, metabolism/ CHROMOSOME ABNORMALITIES/ CHROMOSOMES/ DNA, metabolism/ DROSOPHILA/ ECDYSONE, physiology/ ENVIRONMENTAL EXPOSURE/ ESOPHAGEAL NEOPLASMS, etiology/ FEMALE/ GENES/ HORMONES, metabolism/ HUMAN/ HYDROCARBONS/ INSECT VIRUSES/ LIVER NEOPLASMS, etiology/ MALE/ MASS SCREENING/ MUTATION/ *NEOPLASMS, etiology/ *NEOPLASMS, familial & genetic/ NEOPLASMS, occurrence/ NEOPLASMS, EXPERIMENTAL, chemically induced/ NEOPLASMS, EXPERIMENTAL, etiology/ NEOPLASMS, EXPERIMENTAL,

metabolism/ NEOPLASMS, RADIATION-INDUCED/ OCCUPATIONAL DISEASES/ ONCOGENIC VIRUSES/ PROTEINS, metabolism/ RADIATION GENETICS/ REVIEW/ SARCOMA, etiology

508. **Bruere AN, Marshall RB, Ward DP:** Testicular hypoplasia and XXY sex chromosome complement in two rams: the ovine counterpart of Klinefelter's syndrome in man. J Reprod Fertil 19:103-8, Jun 69
ANIMAL EXPERIMENTS/ KARYOTYPING/ *KLINEFELTER'S SYNDROME, veterinary/ MALE/ SEX CHROMATIN/ *SHEEP DISEASES, familial & genetic/ SPERMATOZOA/ *TESTICULAR DISEASES, veterinary/ TESTIS, pathology

509. **Brumby HI, Forsyth IA:** Bioassay of prolactin in the blood of goats at parturition. J Endocr 43:23-4, Jan 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ FEMALE/ GOATS/ IN VITRO/ *LABOR/ MALE/ MAMMAE, metabolism/ PREGNANCY/ *PROLACTIN, blood/ PUERPERIUM/ RABBITS/ TISSUE CULTURE

510. **Brunkhorst WK:** Intracellular binding of corticosterone in thymus tissue.
Biochem Biophys Res Commun 35:880-6, 27 Jun 69
ANIMAL EXPERIMENTS/ CELL NUCLEUS, metabolism/ CHROMOSOMES, metabolism/ *CORTICOSTERONE, metabolism/ CYTOPLASM, metabolism/ DEOXYRIBONUCLEASE/ HISTONES, metabolism/ INJECTIONS, INTRAPERITONEAL/ MALE/ RATS/ RECEPTORS, DRUG/ *THYMUS GLAND, cytology/ *THYMUS GLAND, metabolism/ TRITIUM

511. **Bruno G, Molinatti GM, De la Pierre M:** Studio radiologico dell'apparato digerente nell'acromegalico.
Arch Ital Mal Appar Dig 34:99-101, 1967 **(Ita)**
*ACROMEGALY, complications/ *GASTROINTESTINAL SYSTEM, radiography/ HUMAN/ *PEPTIC ULCER, complications

512. **Bruno G, Molinatti GM, De la Pierre M:** La secrezione acido-alcalina dello stomaco negli acromegalici prima e dopo stimolazione istaminica massimale.
Arch Ital Mal Appar Dig 34:91-8, 1967 **(Ita)**
*ACROMEGALY/ *GASTRIC ACIDITY DETERMINATION/ *GASTRIC JUICE, analysis/ *HISTAMINE, pharmacodynamics/ HUMAN/ HYDROGEN-ION CONCENTRATION

513. **Brunori de Luca I, Zucchelli GP, Bianchini P:** Studi preliminari sulla azione di alcuni preparati di tipo tiroideo sul ciclo estrale della ratta.
Riv Ital Ginec 51:719-25, Nov 67 **(Ita)**
ANIMAL EXPERIMENTS/ *ESTRUS, drug effects/ FEMALE/ RATS/ *THYRONINE, pharmacodynamics/ *THYROXINE, pharmacodynamics

514. **Bruns G:** Ob eksperimental'nykh gemorragicheskikh kistakh. Vop Onkol 14:107-10, 1968 **(Rus)**
ANIMAL EXPERIMENTS/ *CYSTS, chemically induced/ *HEMANGIOPERICYTOMA, chemically induced/ HEMORRHAGE/ MICE/ NEOPLASM TRANSPLANTATION/ *NEOPLASMS, EXPERIMENTAL, chemically induced/ OILS/ *TELANGIECTASIS, chemically induced/ *TESTOSTERONE

515. **Bryden MM:** Growth of the southern elephant seal, Mirounga leonina (Linn.). Growth 33:69-82, Mar 69
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN, growth & development/ BODY WEIGHT/ FEMALE/ FETUS, growth & development/ MALE/ MATHEMATICS/ *PINNIPEDIA, growth & development/ PUBERTY/ SEASONS/ SEX FACTORS

516. **Bube FW:** Diagnostik und Therapie der immunohämolytischen Anämien.
Med Welt 19:1212-9, 11 May 68 **(Ger)**
ANEMIA, HEMOLYTIC, chemically induced/ *ANEMIA, HEMOLYTIC, diagnosis/ *ANEMIA, HEMOLYTIC, therapy/ ANEMIA, HEMOLYTIC, ACQUIRED/ ANEMIA, HEMOLYTIC, AUTOIMMUNE/ BLOOD TRANSFUSION/ CRYOGLOBULINS, analysis/ *ERYTHROBLASTOSIS, FETAL/ HUMAN/ ISOANTIBODIES, analysis/ PREDNISONE, therapeutic use/ VIRUS DISEASES, complications

517. **Buchanan GD:** Reproduction in the ferret (Mustela furo). II. Changes following ovariectomy during early pregnancy. J Reprod Fertil 18:305-16, Mar 69
ANIMAL EXPERIMENTS/ CARNIVORA/ *CASTRATION/ ENDOMETRIUM, physiology/ FEMALE/ *NIDATION/ *OVARY, physiology/ OVUM, physiology/ PREGNANCY/ UTERUS, anatomy & histology/ UTERUS, physiology

518. **Buchanan GD:** Blastocyst survival in ovariectomized rats. J Reprod Fertil 19:279-83, Jul 69
ANIMAL EXPERIMENTS/ *CASTRATION/ ESTRONE, pharmacodynamics/ FEMALE/ *NIDATION, drug effects/ ORGAN WEIGHT/ *OVUM/ PROGESTERONE, pharmacodynamics/ RATS/ TIME FACTORS/ UTERUS

519. **Buchanan WM:** Aetiology of extrahepatic epithelial iron deposits in siderosis in Bantu.
J Clin Path 22:296-300, May 69
EPITHELIUM, metabolism/ HUMAN/ *IRON, metabolism/ IRON ISOTOPES/ LIVER, metabolism/ MUSCLES, metabolism/ PANCREAS, metabolism/ PAROTID GLAND, metabolism/ *SIDEROSIS, metabolism/ THYROID GLAND, metabolism/ TRANSFERRIN, metabolism

520. **Bucher U, König MP:** Hormonale Einflüsse auf das Blutbild.
Schweiz Med Wschr 99:748-51, 17 May 69 **(Ger)**
ANDROGENS, pharmacodynamics/ ANDROGENS, physiology/ ANEMIA, etiology/ *BLOOD CELLS/ EPINEPHRINE, physiology/ *ERYTHROPOIESIS/ ERYTHROPOIETIN, physiology/ FEMALE/ GLUCOCORTICOIDS, pharmacodynamics/ GLUCOCORTICOIDS, physiology/ HEMATOLOGIC DISEASES, blood/ HEMATOLOGIC DISEASES, physiopathology/ *HORMONES, physiology/ HUMAN/ HYPERTHYROIDISM, complications/ HYPOTHYROIDISM, complications/ LYMPHOCYTOSIS, etiology/ MIDDLE AGE/ SOMATOTROPIN, physiology/ THYROID HORMONES, physiology

521. **Buckle RM:** Radioimmunoassay of parathyroid hormone in primary hyperparathyroidism: studies after removal of parathyroid adenoma.
Brit Med J 2:789-93, 28 Jun 69
*ADENOMA, surgery/ ADULT/ AGED/ ANTIBODIES/ CALCIUM, blood/ FEMALE/ HUMAN/ *HYPERPARATHYROIDISM, physiopathology/ IODINE ISOTOPES/ MALE/ MIDDLE AGE/ PARATHYROID HORMONE, blood/ *PARATHYROID HORMONE, secretion/ *PARATHYROID NEOPLASMS, surgery/ RADIOIMMUNOASSAY/ SECRETORY RATE/ VEINS

522. **Buckler JM, Bold AM, Taberner M, et al:** Modification of hormonal responses to arginine by alpha-adrenergic blockade.
Brit Med J 3:153-4, 19 Jul 69
ADULT/ *ARGININE, pharmacodynamics/ FEMALE/ HUMAN/ *INSULIN, blood/ MALE/ *PHENTOLAMINE, pharmacodynamics/ SEX FACTORS/ *SOMATOTROPIN, blood

523. **Buckley CE 3d, Gilis JP Jr:** Cyclophosphamide therapy of peripheral uveitis.
Arch Intern Med (Chicago) 124:29-35, Jul 69
ADOLESCENCE/ ADULT/ AUTOIMMUNE DISEASES, drug therapy/ CYCLOPHOSPHAMIDE, administration & dosage/ CYCLOPHOSPHAMIDE, adverse effects/ *CYCLOPHOSPHAMIDE, therapeutic use/ FEMALE/ HUMAN/ LEUKOCYTE COUNT/ MALE/ PREDNISONE, therapeutic use/ TIME FACTORS/ *UVEITIS, drug therapy/ VISION TESTS

524. **Buckley CJ, Hartman BO:** Aeromedical aspects of the first nonstop transatlantic helicopter flight: I. General fatigue analyses.
Aerospace Med 40:710-3, Jul 69
*AIRCRAFT/ *AVIATION MEDICINE/ ENDOCRINE GLANDS, physiology/ ENVIRONMENTAL EXPOSURE/ *FATIGUE/ HEART, physiology/ HUMAN/ MALE/ METABOLISM/ SLEEP/ STRESS/ TIME FACTORS

525. **Buckow I, Fleischer EM:** Das intra- und extragenitale Doppelkarzinom (Eine sektionsstatistische Untersuchung)
Z Geburtsh Gynaek 170:21-7, 1969 (Ger)
ADENOCARCINOMA, complications/ ADULT/ AGED/ BREAST NEOPLASMS, complications/ CARCINOMA, complications/ CARCINOMA, EPIDERMOID, complications/ CARCINOMA, SCIRRHOUS, complications/ CECAL NEOPLASMS, complications/ CERVIX NEOPLASMS, complications/ ENGLISH ABSTRACT/ FEMALE/ *GYNECOLOGIC NEOPLASMS, pathology/ HUMAN/ MIDDLE AGE/ *NEOPLASMS, MULTIPLE PRIMARY, pathology/ OVARIAN NEOPLASMS, complications/ RECTAL NEOPLASMS, complications/ UTERINE NEOPLASMS, complications/ VAGINAL NEOPLASMS, complications/ VULVAR NEOPLASMS, complications

526. **Budde C, Lehner H:** Praktische Erfahrungen der Langzeittherapie mit einem neuen Depot-Glukokortikosteroid. (Depot-Betamethason-Celestone-Chronodose)
Praxis 57:1344-7, 1 Oct 68 (Ger)
ADULT/ AGED/ *ASTHMA, drug therapy/ *BETAMETHASONE, administration & dosage/ DELAYED-ACTION PREPARATIONS/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE

527. **Budínská B, Cech E, Lozoya F, et al:** Léčba hrozícího potratu Allyloestrenolem.
Cesk Gynek 34:242-4, Apr 69 (Cze)
*ABORTION, THREATENED, drug therapy/ ENGLISH ABSTRACT/ ESTROGENS, analysis/ FEMALE/ FETAL MEMBRANES, cytology/ HUMAN/ PLACENTA, cytology/ PREGNANCY/ *PROGESTATIONAL HORMONES, therapeutic use/ VAGINAL SMEARS

528. **Bugulov MN:** Dva sluchaia tireotropnogo (gipofizarno-diéntsefal'nogo) ziokachestvennogo ékzoftal'ma. Oftal Zh 22:137-9, 1967 (Rus)
ADULT/ CASE REPORT/ *DIENCEPHALON/ FEMALE/ *GOITER, EXOPHTHALMIC, etiology/ HUMAN/ MALE/ *PITUITARY DISEASES, complications

529. **Bukhman AI:** Rentgenologicheskie izmeneniia vnutrennikh organov pri bolezni Itsenko--Kushinga.
Vestn Rentgen Radiol 42:31-9, Nov-Dec 67 (Rus)
ADULT/ *CARDIOVASCULAR SYSTEM, radiography/ *CUSHING'S SYNDROME, radiography/ ELECTROKYMOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ *GASTROINTESTINAL SYSTEM, radiography/ HUMAN/ *LUNG, radiography/ MALE/ MIDDLE AGE/ *UROGENITAL SYSTEM, radiography

530. **Bukovsan W:** A radio-bioassay for corticotrophin.
Acta Endocr (Kobenhavn) 61:76-82, May 69
*ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, metabolism/ ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ *BIOLOGICAL ASSAY/ CHICKENS/ *CORTICOTROPIN, pharmacodynamics/ METHODS/ PHOSPHATES, metabolism/ PHOSPHORUS ISOTOPES/ PITUITARY-ADRENAL SYSTEM/ STIMULATION, CHEMICAL

531. **Bulbrook RD, Hayward JL:** Discriminants and breast cancer. Lancet 1:1161, 7 Jun 69
*ADRENAL CORTEX HORMONES, secretion/ AGE FACTORS/ *ANDROGENS, secretion/ *BREAST NEOPLASMS, metabolism/ BREAST NEOPLASMS, physiopathology/ ENDOCRINE GLANDS, physiopathology/ FEMALE/ HUMAN

532. **Bunce GE, King KW:** Amino acid retention and balance in the young rat fed varying levels of casein.
J Nutr 98:168-76, Jun 69
AMINO ACIDS, analysis/ *AMINO ACIDS, metabolism/ *ANIMAL NUTRITION/ BODY WEIGHT/ BONE AND BONES, analysis/ *CASEIN/ *DIET/ *DIETARY PROTEINS/ FECES, analysis/ GROWTH/ MALE/ NITROGEN, analysis/ NITROGEN, urine/ RATS

533. **Bunce GE, King KW:** Amino acid retention and balance in the young rat fed varying levels of lactalbumin.
J Nutr 98:159-67, Jun 69
*ALBUMINS/ ALBUMINS, metabolism/ *AMINO ACIDS, metabolism/ ANIMAL NUTRITION/ BODY WEIGHT/ BONE AND BONES, analysis/ *DIET/ *DIETARY PROTEINS/ DIETARY PROTEINS, metabolism/ FECES, analysis/ GROWTH/ MALE/ NITROGEN, analysis/ NITROGEN, urine/ RATS

534. **Bunnag D, Harinasuta T:** Clinical trials of Jonit (Hoechst 16 842) in the treatment of Necator americanus infection in Thailand.
Ann Trop Med Parasit 62:416-21, Dec 68
ADOLESCENCE/ ADULT/ AGED/ BENZENE DERIVATIVES, adverse effects/ *BENZENE DERIVATIVES, therapeutic use/ CLINICAL RESEARCH/ ELECTROCARDIOGRAPHY/ FECES, microbiology/ FEMALE/ *HOOKWORM INFECTION, drug therapy/ HOOKWORM INFECTION, occurrence/ HUMAN/ MALE/ MIDDLE AGE/ *NECATOR/ THAILAND/ THIOCYANATES, adverse effects/ *THIOCYANATES, therapeutic use

535. **Buraia TI, Kuznetsova ES:** K voprosu o semeĭnykh sluchaiakh vrozhdennoĭ disfunktsii kory nadpochechnikov u deteĭ.
Pediatriia 47:27-33, Aug 68 (Rus)
ADOLESCENCE/ *ADRENOGENITAL SYNDROME, familial & genetic/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INFANT/ MALE

536. **Burcharth F, Hansen H:** Akut hyperparatyreoidisme.
Nord Med 81:338-40, 13 Mar 69 (Dan)
ACUTE DISEASE/ *ADENOMA, complications/ AGED/ *ANTITUBERCULAR AGENTS, therapeutic use/ CEREBRAL EMBOLISM AND THROMBOSIS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYDROCORTISONE, therapeutic use/ *HYPERPARATHYROIDISM/ HYPERPARATHYROIDISM, diagnosis/ HYPERPARATHYROIDISM, drug therapy/ HYPERPARATHYROIDISM, etiology/ LUNG, surgery/ *PARATHYROID NEOPLASMS, complications/ PHOSPHATES, therapeutic use/ SODIUM, therapeutic use/ TUBERCULOSIS, PULMONARY, diagnosis

537. **Bures MF, Wuehrmann AH:** Bone-remodeling dynamics following local X irradiation. I.
J Dent Res 48:376-84, May-Jun 69
ANIMAL EXPERIMENTS/ *BONE AND BONES, radiation effects/ *MANDIBLE, radiation effects/ *RADIATION EFFECTS/ *RADIATION INJURY, EXPERIMENTAL/ RATS/ TETRACYCLINE/ TIBIA, radiation effects

538. **Burgener F, Fuchs WA:** Die Bedeutung der Lymphographie in der Diagnostik und Therapie maligner Hodentumoren.
Schweiz Med Wschr 99:764-74, 24 May 69 (Ger)
*CHORIOCARCINOMA, radiography/ CHORIOCARCINOMA, radiotherapy/ CHORIOCARCINOMA, surgery/ DIAGNOSIS, DIFFERENTIAL/ *DISGERMINOMA, radiography/ DISGERMINOMA, radiotherapy/ DISGERMINOMA, surgery/ ENGLISH ABSTRACT/ HUMAN/ LUNG NEOPLASMS, radiography/ LYMPH NODE EXCISION/ *LYMPHATIC METASTASIS, radiography/

*LYMPHOGRAPHY/ MALE/ METHODS/ PHLEBOGRAPHY/ *TERATOID TUMOR, radiography/ TERATOID TUMOR, radiotherapy/ TERATOID TUMOR, surgery/ *TESTICULAR NEOPLASMS, radiography/ TESTICULAR NEOPLASMS, radiotherapy/ TESTICULAR NEOPLASMS, surgery/ UROGRAPHY/ VENA CAVA, INFERIOR

539. **Burger H, Florian HJ, Holzmann G:** Uber die Beeinflussung der Serum-Lipide gesunder Frauen durch Ovulationshemmer. I.
Z Geburtsh Gynaek 170:1-14, 1969 **(Ger)**
ADULT/ CHOLESTEROL, blood/ CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ GLYCERIDES, blood/ GLYCERIN, blood/ HUMAN/ *LIPIDS, blood/ LIPOPROTEINS, blood/ PHOSPHOLIPIDS, blood/ STATISTICS/ THROMBOEMBOLISM, chemically induced

540. **Burghele T, Apostol N, Ioanid PC:** Recherches hormonales chez les porteurs d'adénomes et d'adénocarcinomes de la prostate.
Acta Urol Belg 35:389-400, Jul 67 **(Fre)**
*ADENOCARCINOMA, metabolism/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *PROSTATIC HYPERTROPHY, metabolism/ *PROSTATIC NEOPLASMS, metabolism/ *SEX HORMONES, metabolism

541. **Burgonskaia VI:** Mastikatsiograficheskiĭ kontrol' v protsesse kompleksnogo lecheniia bol'nykh ostrym artritom visochno-cheliustnogo sustava s primeneniem vnutrisustavnykh in"ektskiĭ gidrokortizona.
Stomatologiia (Moskva) 48:54-6, May-Jun 69 **(Rus)**
*ARTHRITIS, drug therapy/ ENGLISH ABSTRACT/ HUMAN/ *HYDROCORTISONE, therapeutic use/ INJECTIONS, INTRA-ARTICULAR/ *MASTICATION/ *TEMPOROMANDIBULAR JOINT

542. **Burke CW:** Biologically active cortisol in plasma of oestrogen-treated and normal subjects.
Brit Med J 2:798-800, 28 Jun 69
ADOLESCENCE/ ADULT/ BLOOD PROTEINS/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ GEL FILTRATION/ HUMAN/ *HYDROCORTISONE, blood/ MALE/ MESTRANOL, administration & dosage/ *MESTRANOL, pharmacodynamics/ METHODS/ PROTEIN BINDING

543. **Burlui D, Constantinescu C, Popescu R, et al:** Limitele reanimării în pancreatita acută.
Med Intern (Bucur) 20:1315-22, Nov 68 **(Rum)**
ACUTE DISEASE/ ADRENAL CORTEX HORMONES, therapeutic use/ ANTACIDS, therapeutic use/ ANTIBIOTICS, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ *PANCREATITIS, drug therapy/ *PANCREATITIS, surgery/ WATER-ELECTROLYTE BALANCE

544. **Burmistrova NN:** Vliianie steroidnoĭ terapii na povedenie rebenka. Med Sestra 28:13-4, May 69 **(Rus)**
CHILD BEHAVIOR, drug effects/ SPECIAL LIST NURSING/ STEROIDS, therapeutic use

545. **Burr IM, Grant DB, Sizonenko PC, et al:** Some critical factors in double antibody radioimmunoassay systems utilizing sheep anti-rabbit precipitating sera for measurement of human serum LH, FSH and HGH.
J Clin Endocr 29:948-56, Jul 69
ANIMAL EXPERIMENTS/ *ANTIBODIES/ BLOOD/ EDTA/ *FSH, blood/ *IMMUNE SERUMS/ *LH, blood/ METHODS/ PRECIPITATION/ RABBITS/ *RADIOIMMUNOASSAY/ SHEEP/ *SOMATOTROPIN, blood

546. **Burrington JD, Stephens CA:** Virilizing tumors of the adrenal gland in childhood: report of eight cases.
J Pediat Surg 4:291-302, Jun 69
*ADENOMA, VIRILIZING, surgery/ ADRENAL GLAND NEOPLASMS, diagnosis/ ADRENAL GLAND NEOPLASMS, mortality/ *ADRENAL GLAND NEOPLASMS, surgery/ *CARCINOMA/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INFANT/ MALE/ NEOPLASM METASTASIS/ POSTOPERATIVE CARE

547. **Burrows D, Shanks RG, Stevenson CJ:** An operation for pruritus; pruritus in secondary hyperparathyroidism.
Brit J Derm 81:391-2, May 69 (10 ref.)
CALCIUM, blood/ HUMAN/ *HYPERPARATHYROIDISM, complications/ *PARATHYROID GLANDS, surgery/ PARATHYROID HORMONE, blood/ PRURITUS, chemically induced/ PRURITUS, etiology/ *PRURITUS, therapy/ REVIEW/ UREMIA, complications

548. **Burstein SH, Péron FG, Williamson E:** Reactions of 20-hydroxylated steroids with bovine adrenal tissue preparations. Steroids 13:399-412, Mar 69
*ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ CATTLE/ *CHOLESTANES, metabolism/ DESOXYCORTICOSTERONE, metabolism/ METHODS/ MITOCHONDRIA, metabolism/ *PREGNANES, metabolism/ PREGNENOLONE, metabolism/ PROGESTERONE, metabolism

549. **Burton RF:** Buffers in the blood of the snail, Helix pomatia L. Comp Biochem Physiol 29:919-30, Jun 69
ANIMAL EXPERIMENTS/ BICARBONATES, blood/ *BLOOD/ *BUFFERS/ CALCIUM, metabolism/ CARBON DIOXIDE, metabolism/ CARBONATES, blood/ HEMOCYANIN, metabolism/ HYDROGEN-ION CONCENTRATION/ MAGNESIUM, metabolism/ *SNAILS

550. **Burton RR, Smith AH, Carlisle JC, et al:** Role of hematocrit, heart mass, and high-altitude exposure in acute hypoxia tolerance.
J Appl Physiol 27:49-52, Jul 69
*ACCLIMATIZATION/ *ALTITUDE/ ANIMAL EXPERIMENTS/ *ANOXIA, physiopathology/ BLOOD VOLUME/ CHICKENS/ DIETHYLSTILBESTROL, pharmacodynamics/ FEMALE/ *HEART, physiology/ *HEMATOCRIT/ POLYCYTHEMIA/ TESTOSTERONE, pharmacodynamics

551. **Buser E:** Versuche mit einem Kombinationspräparat zur Behandlung von mikrobiellen Infektionskrankheiten.
Schweiz Arch Tierheilk 110:673-81, Nov 68 **(Ger)**
*ANIMAL DISEASES, drug therapy/ *ANTIBIOTICS, therapeutic use/ CATTLE DISEASES, drug therapy/ COMMUNICABLE DISEASES, drug therapy/ *COMMUNICABLE DISEASES, veterinary/ DEXAMETHASONE, therapeutic use/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ HORSE DISEASES, drug therapy/ INJECTIONS/ SWINE DISEASES, drug therapy/ TRIPELENNAMINE, therapeutic use

552. **Buser P, Bancaud J, Talairach J, et al:** Amygdalo-hippocampal interconnections in man. Physiological study during stereotaxic explorations.
Electroenceph Clin Neurophysiol 26:637, Jun 69
*AMYGDALOID BODY, physiopathology/ ELECTRIC STIMULATION/ *EPILEPSY, TEMPORAL LOBE, physiopathology/ *HIPPOCAMPUS, physiopathology/ HUMAN/ LATERALITY/ NEURAL INTERCONNECTIONS, physiopathology/ *STEREOTAXIC TECHNICS

553. **Bushart W:** Significance of DC recording in man.
Electroenceph Clin Neurophysiol 26:449, Apr 69
*BRAIN, physiopathology/ BRAIN STEM, physiopathology/ CEREBRAL CORTEX, physiopathology/ CEREBRAL HEMORRHAGE, physiopathology/ *DEATH/ *ELECTROENCEPHALOGRAPHY/ *ELECTROPHYSIOLOGY/ FEMALE/ HUMAN/ HYPOPHYSECTOMY

554. **Bushart W:** Further discoveries on the 4 c-sec rhythm.
Electroenceph Clin Neurophysiol 26:445, Apr 69
ADOLESCENCE/ ADULT/ AGED/ CHILD/

*ELECTROENCEPHALOGRAPHY/ FEMALE/ *GENETICS, HUMAN/ GENOTYPE/ HEADACHE, physiopathology/ HUMAN/ MALE/ MIDDLE AGE/ SEX CHROMOSOMES/ SYNCOPE, physiopathology

555. **Buss DH:** Species differences in baboon milk lipase (tributyrinase) and esterase activities.
Comp Biochem Physiol 29:313-8, Apr 69
ANIMAL EXPERIMENTS/ ESTERASES, blood/ *ESTERASES, metabolism/ EVOLUTION/ FEMALE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ LACTATION/ LIPASE, blood/ *LIPASE, metabolism/ MALE/ *MILK, enzymology/ MILK, HUMAN, enzymology/ *MONKEYS/ OXYTOCIN/ SPECIES SPECIFICITY/ TIME FACTORS

556. **Bussmann J, Loewe K, Fürstenberg H:** Die Bedeutung der Periarteriitis nodosa für den Chirurgen.
Bruns Beitr Klin Chir 216:698-705, Dec 68 **(Ger)**
FEMALE/ HUMAN/ INTESTINAL OBSTRUCTION, etiology/ INTESTINAL OBSTRUCTION, surgery/ MALE/ MIDDLE AGE/ PERIARTERITIS NODOSA, complications/ *PERIARTERITIS NODOSA, surgery/ POSTOPERATIVE COMPLICATIONS/ PREDNISOLONE, adverse effects/ PREDNISOLONE, therapeutic use

557. **Bussolati G, Foster GV, Clark MB, et al:** Immunofluorescent localisation of calcitonin in medullary C-cell thyroid carcinoma, using antibody to the pure porcine hormone.
Virchow Arch [Zellpath] 2:234-8, 1969
ADULT/ *CARCINOMA, metabolism/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ IMMUNE SERUMS/ RABBITS/ *THYROCALCITONIN, metabolism/ *THYROID NEOPLASMS, metabolism

558. **Butcher RW, Robison GA, Hardman JG, et al:** The role of cyclic AMP in hormone actions.
Advances Enzym Regulat 6:357-89, 1968 (139 ref.)
*ADENINE NUCLEOTIDES, metabolism/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ ADIPOSE TISSUE, metabolism/ ADRENAL CORTEX HORMONES, biosynthesis/ ANIMAL EXPERIMENTS/ CORTICOTROPIN, pharmacodynamics/ GLUCAGON, pharmacodynamics/ GLUCOSYLTRANSFERASES, metabolism/ GLYCOGEN, biosynthesis/ *HORMONES, pharmacodynamics/ HUMAN/ IN VITRO/ INSULIN, biosynthesis/ INSULIN, pharmacodynamics/ LIGASES, metabolism/ LIVER, metabolism/ PHOSPHOFRUCTOKINASE, metabolism/ PROSTAGLANDINS, pharmacodynamics/ RATS/ REVIEW/ TRIGLYCERIDES, metabolism

559. **Bütikofer E, Rohner R, Scherrer M:** Farmerlunge in der Schweiz. Schweiz Med Wschr 99:840-5, Jun 69 **(Ger)**
ACTINOMYCES/ ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ AGED/ ASTHMA, diagnosis/ CEREALS/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FARMER'S LUNG, diagnosis/ FARMER'S LUNG, drug therapy/ FARMER'S LUNG, etiology/ *FARMER'S LUNG, occurrence/ FARMER'S LUNG, prevention & control/ FEMALE/ HUMAN/ HYPERSENSITIVITY, IMMEDIATE/ MALE/ MIDDLE AGE/ SWITZERLAND

560. **Butler C, Hill H:** Chlormadinone acetate as oral contraceptive. Lancet 1:1262, 21 Jun 69
*CHLORMADINONE/ *CONTRACEPTIVES, ORAL/ FEMALE/ HUMAN/ PREGNANCY

561. **Butler GC:** Metaboli of radionuclides in workers.
Environ Health Ser [Radiol Health] 33:33-44, Sep 68
ANIMAL EXPERIMENTS/ BONE AND BONES, metabolism/ CESIUM ISOTOPES, metabolism/ DOGS/ ENVIRONMENTAL EXPOSURE/ HEALTH PHYSICS/ HUMAN/ LUNG, metabolism/ MODELS, BIOLOGIC/ MONKEYS/ *OCCUPATIONS/ *RADIOISOTOPES, metabolism/ RADIUM, metabolism/ RATS/ STRONTIUM ISOTOPES, metabolism

562. **Butler JE, Donovan BT:** Consequences of hypothalamic deafferentation in female rats and guinea-pigs.
J Endocr 43:xx-xxi, Jan 69
ANIMAL EXPERIMENTS/ DENERVATION/ *ESTRUS/ FEMALE/ GUINEA PIGS/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ *HYPOTHALAMUS, physiology/ OVARY, anatomy & histology/ OVULATION/ RATS/ VAGINAL SMEARS

563. **Buu-Hoï NP, Do-Phuoc-Hien:**
Zoxazolamine-hydroxylase inducing effect of polycyclic aromatic hydrocarbons; relationships between structure and activity, and degree of correlation with carcinogenicity.
Biochem Pharmacol 18:741-8, Apr 69
ANIMAL EXPERIMENTS/ ANTHRACENES, pharmacodynamics/ *CARCINOGENS, pharmacodynamics/ CHEMISTRY/ *ENZYME INDUCTION, drug effects/ *HYDROCARBONS, pharmacodynamics/ *HYDROXYLASES, biosynthesis/ MALE/ MERCAPTOPURINE, pharmacodynamics/ RATS/ STEROIDS, pharmacodynamics/ TERPENES, pharmacodynamics/ *ZOXAZOLAMINE

564. **Buzzoni A:** Attività terapeutica di un nuovo preparato topico di associazione (pivalato di flumetasone, catrame minerale, acido salicilico)
Minerva Derm 42:555-7, Nov 67 **(Ita)**
ADOLESCENCE/ ADULT/ AGED/ *COAL TAR, pharmacodynamics/ DERMATITIS, drug therapy/ DERMATITIS MEDICAMENTOSA, drug therapy/ *DERMATOLOGIC AGENTS/ ECZEMA, drug therapy/ FEMALE/ FLUMETHASONE, therapeutic use/ FLUORINE/ *GLUCOCORTICOIDS, therapeutic use/ HUMAN/ LICHEN PLANUS, drug therapy/ MALE/ MIDDLE AGE/ PREGNANES, therapeutic use/ PSORIASIS, drug therapy/ *SALICYLIC ACID, therapeutic use

565. **Byar DP, Anderson JE, Mostofi FK:** The distribution of 65zinc in the prostate and other organs in control, castrated, and hypophysectomized rats.
Invest Urol 7:57-65, Jul 69
ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ BRAIN CHEMISTRY/ *CASTRATION/ GASTROINTESTINAL SYSTEM, analysis/ HEART, analysis/ *HYPOPHYSECTOMY/ KIDNEY, analysis/ LIVER, analysis/ LUNG, analysis/ MALE/ MUSCLES, analysis/ PANCREAS, analysis/ PROSTATE, analysis/ *PROSTATE, metabolism/ RATS/ SPLEEN, analysis/ ZINC, analysis/ ZINC, blood/ *ZINC, metabolism/ ZINC ISOTOPES

566. **Bychkova RA:** Gormonal'naia aktivnost' SZhK.
Veterinariia 44:84-6, Apr 67 **(Rus)**
ANIMAL EXPERIMENTS/ FEMALE/ *GONADOTROPINS, EQUINE, metabolism/ *HORSES, metabolism/ PREGNANCY

C

567. **Cabanel G, Voog R, Phelp X:** Polyarthrite subaigue au cours d'une leptospirose grippo-typhosique.
Presse Med 77:95-6, 18 Jan 69 **(Fre)**
*ADULT/ AGGLUTINATION TESTS/ ARTHRITIS, INFECTIOUS, drug therapy/ *ARTHRITIS, INFECTIOUS, etiology/ DEXAMETHASONE, therapeutic use/ HUMAN/ INDOMETHACIN, therapeutic use/ *LEPTOSPIROSIS, complications/ LEPTOSPIROSIS, diagnosis/ LEPTOSPIROSIS, drug therapy/ MALE/ OXYTETRACYCLINE, therapeutic use/ PENICILLIN G, BENZATHINE, therapeutic use/ PHENYLBUTAZONE, therapeutic use/ SERODIAGNOSIS

568. **Cabanel G, Voog R, Phelip X, et al:** Les atteintes artérielles de la maladie de Horton.
Sem Hop Paris 45:436-43, 8 Feb 69 **(Fre)**
AORTOGRAPHY/ *ARTERITIS, etiology/ ARTHRITIS, etiology/ BIOPSY/ ENGLISH ABSTRACT/ FEMORAL ARTERY/ HEADACHE, etiology/ HEADACHE, therapy/

HUMAN/ *HYDRARTHROSIS, etiology/ INTERVERTEBRAL DISK, pathology/ MALE/ MIDDLE AGE/ OSCILLOMETRY/ POLYMYALGIA RHEUMATICA, etiology/ POPLITEAL ARTERY, pathology/ PREDNISONE, therapeutic use/ PSORIASIS, etiology/ SYNOVIAL FLUID, analysis/ SYNOVITIS, pathology/ TEMPORAL ARTERIES, pathology/ *TEMPORAL ARTERITIS, complications

569. **Cadot M, Julien MF, Chevillard L:** Estimation of thyroid function in rats exposed or adapted to environments at 5 or 30 C. Fed Proc 28:1228-33, May-Jun 69
*ACCLIMATIZATION/ ANIMAL EXPERIMENTS/ BASAL METABOLISM/ BODY WEIGHT/ COLD/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ ORGAN WEIGHT/ RATS/ *THYROID GLAND, physiology

570. **Caggiano V, Schnitzler R, Strauss W, et al:** Zinc deficiency in a patient with retarded growth, hypogonadism, hypogammaglobulinemia and chronic infection. Amer J Med Sci 257:305-19, May 69
ADULT/ *AGAMMAGLOBULINEMIA, complications/ BLOOD PROTEIN DISORDERS, complications/ CASE REPORT/ CHILD/ DEFICIENCY DISEASES, complications/ *GROWTH/ GROWTH DISORDERS, etiology/ HUMAN/ *HYPOGONADISM, etiology/ INTESTINAL DISEASES, PARASITIC, complications/ MALABSORPTION SYNDROMES/ MALE/ NORTH AMERICA/ PROTEIN DEFICIENCY, complications/ PYRIDOXINE, therapeutic use/ RESPIRATORY TRACT INFECTIONS, complications/ VITAMIN B DEFICIENCY, complications/ *ZINC/ ZINC, therapeutic use

571. **Caillard B, Verret J, Briet S, et al:** Ischémie aigue du membre supérieur droit par thrombose veineus medicamenteuse.
Anesth Analg (Paris) 25:465-73, Sep-Oct 68 (Fre)
ADULT/ ANESTHESIA/ ANESTHESIA, LOCAL/ ANGIOGRAPHY/ *ARM, blood supply/ EDEMA/ HUMAN/ HYDROXYDIONE, administration & dosage/ *HYDROXYDIONE, adverse effects/ *INFUSIONS, PARENTERAL, adverse effects/ ISCHEMIA, etiology/ MALE/ METHODS/ SPASM/ *THROMBOPHLEBITIS, chemically induced/ *THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, surgery

572. **Calafato M:** La nostra esperienza recente in tema di brucellosi cronica. G Mal Infett 21:107-9, Feb 69 (Ita)
ADRENAL CORTEX HORMONES, therapeutic use/ ANTIBIOTICS, therapeutic use/ *BRUCELLOSIS, therapy/ CHRONIC DISEASE/ EPINEPHRINE, therapeutic use/ HUMAN/ VACCINE THERAPY

573. **Caldera R, Rossier A:** La pneumopathie subaiguë prolonée du prématuré.
Ann Pediat (Paris) 15:796-804, 2 Dec 68 (Fre)
ACUTE DISEASE/ ANTIBIOTICS, therapeutic use/ APNEA, diagnosis/ ASTHMA, diagnosis/ CYANOSIS, diagnosis/ DYSPNEA, diagnosis/ ENGLISH ABSTRACT/ FEMALE/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ *INFANT, PREMATURE, DISEASES/ MALE/ OXYGEN INHALATION THERAPY/ *PNEUMONIA, diagnosis/ PNEUMONIA, drug therapy/ PNEUMONIA, microbiology/ PREGNANCY/ PROTEUS, isolation & purification/ PSEUDOMONAS AERUGINOSA, isolation & purification/ PULMONARY EMPHYSEMA, diagnosis/ RESPIRATORY DISTRESS SYNDROME, complications/ STAPHYLOCOCCUS, isolation & purification

574. **Caldwell BV, Moor RM, Wilmut I, et al:** The relationship between day of formation and functional life span of induced corpora lutea in the pig.
J Reprod Fertil 18:107-13, Feb 69
ANIMAL EXPERIMENTS/ CORPUS LUTEUM, analysis/ CORPUS LUTEUM, drug effects/ *CORPUS LUTEUM, physiology/ ESTRUS, drug effects/ FEMALE/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ GONADOTROPINS, EQUINE, pharmacodynamics/ HYSTERECTOMY/ OVULATION/ PROGESTERONE, analysis/ SWINE/ TIME FACTORS/ UTERUS, physiology

575. **Callahan CJ, Fessler JF, Erb RE, et al:** Prolonged gestation in a Holstein-Friesian cow. Clinical and reproductive steroid studies.
Cornell Vet 59:370-87, Jul 69
CATTLE/ *CATTLE DISEASES, surgery/ CESAREAN SECTION, veterinary/ *ESTROGENS, urine/ FEMALE/ *PREGNANCY COMPLICATIONS, veterinary/ *PREGNANCY, PROLONGED

576. **Cameron DP, Burger HG, DeKretzer DM, et al:** On the presence of immunoreactive growth hormone in a bronchogenic carcinoma.
Aust Ann Med 18:143-6, May 69
*ADENOCARCINOMA, blood/ ADENOCARCINOMA, immunology/ AGED/ *CARCINOMA, BRONCHOGENIC, blood/ CARCINOMA, BRONCHOGENIC, immunology/ FLUORESCENT ANTIBODY TECHNIC/ HISTOCYTOCHEMISTRY/ HORMONES, ECTOPIC, metabolism/ HUMAN/ LUNG, immunology/ *LUNG NEOPLASMS, blood/ MALE/ METHODS/ OSTEOARTHROPATHY, SECONDARY HYPERTROPHIC, etiology/ RADIOIMMUNOASSAY/ *SOMATOTROPIN, blood

577. **Cammarano P, Pons S, Chinali G, et al:** Effect of x-irradiation on polyribosome organization and RNA labeling in the liver of normal and adrenalectomized rats. Radiat Res 39:289-304, Aug 69
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CENTRIFUGATION, DENSITY GRADIENT/ HYDROCORTISONE, pharmacodynamics/ LIVER, metabolism/ *LIVER, radiation effects/ MALE/ OROTIC ACID, metabolism/ *RADIATION EFFECTS/ RATS/ *RIBOSOMES, radiation effects/ *RNA, metabolism

578. **Campantico E, Olivero M, Peyrot A:** Accrescimento corporeo e matabolismo dello iodio in larve di Bufo bufo trattate con prolattina: studio con 125I.
Ric Sci 38:980-5, Oct 68 (Ita)
ANIMAL EXPERIMENTS/ *EMBRYO, growth & development/ *EMBRYO, metabolism/ *IODINE, metabolism/ *PROLACTIN, pharmacodynamics/ *TOADS

579. **Campbell C:** Two unusual uses of steroid hoones in pelvic infections. Clin Obstet Gynec 12:247-51, Mar 69
ACETATES/ *ADNEXITIS, drug therapy/ ANTIBIOTICS, therapeutic use/ *CELLULITIS, drug therapy/ FEMALE/ HUMAN/ *MEDROXYPROGESTERONE, therapeutic use/ *OOPHORITIS, drug therapy/ *PREDNISONE, therapeutic use/ *SALPINGITIS, drug therapy

580. **Canas F, Terepka AR, Neuman WF:** Potassium and milieu intérieur of bone.
Amer J Physiol 217:117-20, Jul 69
AGING/ ANIMAL EXPERIMENTS/ *BONE AND BONES, analysis/ CARBON ISOTOPES/ CELL MEMBRANE PERMEABILITY/ CHICKENS/ EXTRACELLULAR SPACE/ HYPOPHYSECTOMY/ PITUITARY GLAND, physiology/ *POTASSIUM, analysis/ POTASSIUM, blood/ POTASSIUM DEFICIENCY, physiopathology/ RATS/ SODIUM, analysis/ VITAMIN D DEFICIENCY, physiopathology/ WATER, analysis

581. **Caniggia A, Gennari C, Bencini M, et al:** Action of thyrocalcitonin on intestinal absorption of radiophosphate in man.
J Nucl Biol Med 12:83-5, Apr-Jun 68
HUMAN/ *INTESTINAL ABSORPTION, drug effects/ *PHOSPHATES, metabolism/ PHOSPHORUS ISOTOPES/ *THYROCALCITONIN, pharmacodynamics

582. **Cant JS:** Iatrogenic eye disease.
Practitioner 202:787-95, Jun 69
*ADRENAL CORTEX HORMONES, adverse

effects/ *ANTIBIOTICS, adverse effects/ CHILD/ *EYE DISEASES, chemically induced/ HUMAN/ IATROGENIC DISEASE/ *MYDRIATICS, adverse effects

583. **Canzio C, Vanelli GP:** Determinazione degli estrogeni nella saliva.
Rass Int Stomat Prat 20:45-52, Jan-Feb 69 (Ita)
*ESTROGENS, analysis/ ESTROGENS, blood/ ESTROGENS, classification/ ESTROGENS, urine/ FEMALE/ HUMAN/ MALE/ *SALIVA, analysis

584. **Capek K, Diouhá H, Kraus M:** Die Ansprechbarkeit der lokalen Reabsorptionskapazität im proximalen Konvolut der jungen Rattenniere.
Pflueger Arch 307:R61-2, 1969 (Ger)
*ABSORPTION/ ALDOSTERONE, biosynthesis/ ANIMAL EXPERIMENTS/ FUROSEMIDE, pharmacodynamics/ *KIDNEY TUBULES, physiology/ RATS/ TIME FACTORS

585. **Carafoli E, Rossi CS, Gazzotti P:** The effect of uncoupling agents and detergents on the movements of monovalent cations between mitochondria and medium. Arch Biochem 131:527-37, May 69
ANIMAL EXPERIMENTS/ ANTIBIOTICS, pharmacodynamics/ BISHYDROXYCOUMARIN, pharmacodynamics/ CALCIUM, metabolism/ *DETERGENTS, pharmacodynamics/ *DINITROPHENOLS, pharmacodynamics/ ETHERS, CYCLIC, pharmacodynamics/ *HYDROGEN, metabolism/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ MEMBRANES, drug effects/ MITOCHONDRIA, LIVER, drug effects/ *MITOCHONDRIA, LIVER, metabolism/ *OXIDATIVE PHOSPHORYLATION, drug effects/ PERMEABILITY/ *PHENOLS, pharmacodynamics/ *POTASSIUM, metabolism/ RATS/ TYROTHRICIN, pharmacodynamics

586. **Carlier B, Favre H, Busset R:** Etude des compartiments corporels de 42 cas de déficit pondéral. Méthode de dissection isotopique.
Path Biol (Paris) 17:337-49, Apr 69 (Fre)
ADULT/ ANIMAL EXPERIMENTS/ BODY FLUIDS, analysis/ *BODY WEIGHT/ BROMINE, blood/ CACHEXIA, metabolism/ CHILD/ CREATININE, urine/ DOGS/ EMACIATION, metabolism/ ENGLISH ABSTRACT/ EXTRACELLULAR SPACE, analysis/ FEMALE/ HUMAN/ HYPOPROTEINEMIA, metabolism/ KWASHIORKOR, metabolism/ LIPIDS, metabolism/ MALE/ *NUTRITION DISORDERS, metabolism/ OSMOSIS/ POSTGASTRECTOMY SYNDROMES/ POTASSIUM ISOTOPES, urine/ PROTEINS, biosynthesis/ PROTEINS, metabolism/ RADIOISOTOPE DILUTION TECHNIC/ RADIOISOTOPES/ RATS/ SODIUM, blood/ SODIUM ISOTOPES, blood/ SPRUE, metabolism/ THINNESS/ TRITIUM, blood/ VASOPRESSIN, metabolism/ *WATER-ELECTROLYTE BALANCE

587. **Carlon N, Codaccioni JL, Stahl A:** A propos de l'interprétation cytologique de deux adénomes antéhypophysaires avec acromégalie.
Marseille Med 106:87-93, 1969 (Fre)
*ACROMEGALY, etiology/ ADENOMA, CHROMOPHOBE, complications/ *ADENOMA, CHROMOPHOBE, pathology/ ADENOMA, EOSINOPHILIC, complications/ *ADENOMA, EOSINOPHILIC, pathology/ ADULT/ FEMALE/ HUMAN/ MALE/ *PITUITARY GLAND, POSTERIOR/ PITUITARY NEOPLASMS, complications/ *PITUITARY NEOPLASMS, pathology

588. **Carlson IH, Rust CC:** Plasma progesterone levels in pregnant, pseudopregnant and anestrous ferrets.
Endocrinology 85:623-4, Sep 69
ANIMAL EXPERIMENTS/ *CARNIVORA, physiology/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ *CORPUS LUTEUM, physiology/ ESTRUS/ FEMALE/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ PREGNANCY/ *PREGNANCY, ANIMAL/ *PROGESTERONE, blood/ *PSEUDOPREGNANCY/ STERILIZATION, SEXUAL/ TRITIUM/ VAS DEFERENS, surgery/ VULVA

589. **Carlson IH, Rust CC:** Plasma progesterone levels in pregnant, pseudopregnant and anestrous ferrets.
Endocrinology 85:623-4, Sep 69
ANIMAL EXPERIMENTS/ CARNIVORA, physiology/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ CORPUS LUTEUM, physiology/ ESTRUS/ FEMALE/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ PREGNANCY/ PREGNANCY, ANIMAL/ PROGESTERONE, blood/ PSEUDOPREGNANCY/ STERILIZATION, SEXUAL/ TRITIUM/ VAS DEFERENS, surgery/ VULVA

590. **Carlson LA, Ekelund LG, Orö L:** Circulatory and respiratory effects of different doses of prostaglandin E1 in man. Acta Physiol Scand 75:161-9, Jan-Feb 69
ADULT/ *BLOOD CIRCULATION, drug effects/ BLOOD PRESSURE, drug effects/ BLOOD SPECIMEN COLLECTION/ BRACHIAL ARTERY/ CARBON DIOXIDE, metabolism/ CARDIAC OUTPUT, drug effects/ HEART RATE, drug effects/ HUMAN/ *HYDROGEN-ION CONCENTRATION/ INJECTIONS, INTRAVENOUS/ MALE/ OXYGEN, blood/ *PROSTAGLANDINS, pharmacodynamics/ PULMONARY ARTERY/ RENIN, blood/ *RESPIRATION, drug effects/ SPECTROPHOTOMETRY/ SPIROMETRY/ VASCULAR RESISTANCE, drug effects

591. **Caroit M, Léonetti P, Sèze S de:** Manifestations articulaires de la sarcoïdose.
Presse Med 77:288-90, 15 Feb 69 (Fre)
ADULT/ AGED/ ARTHRITIS, diagnosis/ CHILD/ CHRONIC DISEASE/ CORTISONE, therapeutic use/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ ERYTHEMA NODOSUM, diagnosis/ FEMALE/ HUMAN/ JOINT DISEASES, diagnosis/ JOINT DISEASES, drug therapy/ JOINT DISEASES, etiology/ *JOINT DISEASES, etiology/ JOINT DISEASES, pathology/ MALE/ *SARCOIDOSIS, complications/ SARCOIDOSIS, pathology/ SPONDYLITIS, ANKYLOSING, diagnosis/ SYNOVIAL MEMBRANE, pathology

592. **Caron GA:** The effect of hydrocortisone on skin in organ cultures.
Acta Dermatovener (Stockholm) 49:59-63, 1969
CELL DIVISION, drug effects/ DNA, biosynthesis/ HUMAN/ *HYDROCORTISONE, pharmacodynamics/ IN VITRO/ *PREDNISOLONE, TOPICAL, pharmacodynamics/ RADIOAUTOGRAPHY/ *SKIN, drug effects/ STAINS AND STAINING/ THYMIDINE/ TISSUE CULTURE

593. **Carpent G, Desclin L:** A propos du mode d'action d'un inhibiteur de la synthèse du cholestérol, le AY 9944, sur le mécanisme gestatif et le développement foetal, chez le rat.
Ann Endocr (Paris) 29:506-11, Jul-Aug 68 (Fre)
*ABNORMALITIES, DRUG-INDUCED/ ABORTION, chemically induced/ ABORTION, prevention & control/ ANIMAL EXPERIMENTS/ *ANTICHOLESTEREMIC AGENTS, antagonists & inhibitors/ ANTICHOLESTEREMIC AGENTS, toxicity/ CHOLESTEROL, biosynthesis/ *CYCLOHEXANE/ EDEMA, chemically induced/ EDEMA, prevention & control/ FEMALE/ FETAL DISEASES, chemically induced/ *FETUS, drug effects/ HYDRAMNIOS, prevention & control/ PREGNANCY/ *PREGNANCY, ANIMAL, drug effects/ *PROGESTERONE, pharmacodynamics/ RATS

594. **Carpenter CB, Ruddy S, Shehadeh IH, et al:** Complement metabolism in man: hypercatabolism of the fourth (C4) and third (C3) components in patients with renal allograft rejection and hereditary, angioedema (HAE). J Clin Invest 48:1495-505, Aug 69
ADOLESCENCE/ ADULT/ ANGIONEUROTIC EDEMA, familial & genetic/ ANGIONEUROTIC

EDEMA, immunology/ *ANGIONEUROTIC EDEMA, metabolism/ ANIMAL EXPERIMENTS/ BLOOD PROTEINS, analysis/ BLOOD VOLUME DETERMINATION/ CHILD/ CHRONIC DISEASE/ COMPLEMENT, analysis/ *COMPLEMENT, metabolism/ ESTERASES, pharmacodynamics/ EXTRACELLULAR SPACE, analysis/ FEMALE/ GLOMERULONEPHRITIS, metabolism/ HEMATOCRIT/ HISTOCOMPATIBILITY/ HUMAN/ IODINE, blood/ IODINE, urine/ IODINE ISOTOPES/ *KIDNEY, transplantation/ MALE/ MIDDLE AGE/ PROTEIN BINDING/ RABBITS/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY

595. **Carretti N, Minucci D:** Asimmetria somatica monolaterale in ragazza pubere. Studio morfo-funzionale.
Riv Ostet Ginec 22:625-38, Sep 67 **(Ita)**
*ABNORMALITIES, MULTIPLE, etiology/ ADOLESCENCE/ *BRAIN INJURY, ACUTE, complications/ *BREAST, abnormalities/ ELECTROENCEPHALOGRAPHY/ FEMALE/ *GENITALIA, FEMALE, abnormalities/ HEAD INJURIES, complications/ HUMAN/ HYPERTROPHY, etiology/ LATERALITY/ SEX HORMONES, physiology

596. **Carroll BJ:** Hypothalamic--pituitary function in depressive illness: insensitivity to hylycaemia.
Brit Med J 3:27-8, 5 Jul 69
ADULT/ AGED/ BLOOD SUGAR/ *DEPRESSION, physiopathology/ DEPRESSION, therapy/ DEXAMETHASONE, diagnostic use/ FEEDBACK/ HUMAN/ HYDROCORTISONE, blood/ HYDROCORTISONE, secretion/ *HYPOGLYCEMIA, physiopathology/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiopathology/ INSULIN, diagnostic use/ MIDDLE AGE/ PITUITARY GLAND FUNCTION TESTS/ SHOCK THERAPY, ELECTRIC

597. **Carroll BJ, Pearson MJ, Martin FI:** Evaluation of three acute tests of hypothalamic-pituitary-adrenal function. Metabolism 18:476-83, Jun 69
*ADRENAL GLANDS, physiology/ ADRENAL GLANDS, physiopathology/ BLOOD SUGAR/ CLINICAL RESEARCH/ *ENDOCRINE DISEASES, diagnosis/ HUMAN/ HYDROCORTISONE, blood/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiopathology/ INSULIN, diagnostic use/ LYSINE/ PYROGENS, diagnostic use/ VASOPRESSIN, diagnostic use

598. **Carroll BJ, Steven L, Pope RA, et al:** Sodium transfer from plasma to CSF in severe depressive illness.
Arch Gen Psychiat (Chicago) 21:77-81, Jul 69
AGED/ *BLOOD-BRAIN BARRIER/ DEPRESSION, drug therapy/ DEPRESSION, metabolism/ DEXAMETHASONE, administration & dosage/ FEMALE/ HUMAN/ HYDROCORTISONE, blood/ IMIPRAMINE, administration & dosage/ INJECTIONS, INTRAVENOUS/ MALE/ MIDDLE AGE/ SHOCK THERAPY, ELECTRIC/ SODIUM, blood/ SODIUM, cerebrospinal fluid/ SODIUM, metabolism/ WATER-ELECTROLYTE BALANCE

599. **Carter CO:** Diastrophic dwarfism.
Develop Med Child Neurol 11:247-8, Apr 69
*ACHONDROPLASIA, diagnosis/ ACHONDROPLASIA, familial & genetic/ ACHONDROPLASIA, mortality/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ *DWARFISM, diagnosis/ FEMALE/ HUMAN

600. **Caruthers RP:** Temporal lobe recruitment systems.
Electroenceph Clin Neurophysiol 26:336, Mar 69
AMYGDALOID BODY, physiology/ CEREBRAL CORTEX, physiology/ *EVOKED POTENTIALS/ HIPPOCAMPUS, physiology/ MESENCEPHALON, physiology/ NEURAL INTERCONNECTIONS, physiology/ RETICULAR FORMATION, physiology/ *TEMPORAL LOBE, physiology/ THALAMUS, physiology/ TIME FACTORS

601. **Caruthers RP:** Deficits in shock-avoidance performance after amygdala-hippocampus separation. J Comp Physiol Psychol 67:547-54, Apr 69
*AMYGDALOID BODY, physiology/ ANIMAL EXPERIMENTS/ *AVOIDANCE LEARNING/ CATS/ CUES/ FEMALE/ FLICKER FUSION/ *HIPPOCAMPUS, physiology/ MALE/ MEMORY/ *NEURAL TRANSMISSION/ SOUND/ *TEMPORAL LOBE, physiology

602. **Casanovas J, Casanovas R:** Les dangers de quelques médications ophtalmologiques récentes.
Ann Oculist (Paris) 202:1-22, Jan 69 **(Fre)**
ANESTHESIA, SPINAL/ ANTIBIOTICS, adverse effects/ ANTINEOPLASTIC AGENTS, adverse effects/ ANTIVIRAL AGENTS, adverse effects/ ARGYRIA, etiology/ BLINDNESS, chemically induced/ CHYMOTRYPSIN, adverse effects/ CONJUNCTIVITIS, chemically induced/ CORTISONE, adverse effects/ CYCLOPLEGICS, adverse effects/ DERMATITIS MEDICAMENTOSA, etiology/ DRUG HYPERSENSITIVITY, etiology/ *DRUG THERAPY, adverse effects/ ENGLISH ABSTRACT/ EPINEPHRINE, adverse effects/ *EYE DISEASES, chemically induced/ GLAUCOMA, chemically induced/ HUMAN/ INTRAOCULAR PRESSURE, drug effects/ LACRIMAL DUCT OBSTRUCTION, chemically induced/ MIOTICS, adverse effects/ OPHTHALMIC SOLUTIONS, adverse effects/ OPTIC NEURITIS, chemically induced/ RETINAL DETACHMENT, chemically induced/ VASOCONSTRICTOR AGENTS, adverse effects

603. **Case AL, Zuspan FP:** Infertility.
Surg Clin N Amer 49:121-36, Feb 69 (98 ref.)
ADHESIONS, complications/ ADRENAL GLAND DISEASES, complications/ ADULT/ CERVIX DISEASES, complications/ CERVIX MUCUS, analysis/ CERVIX UTERI, abnormalities/ ENDOMETRIOSIS, complications/ ENDOSCOPY/ FALLOPIAN TUBES, surgery/ FEMALE/ FERTILITY/ FSH, therapeutic use/ GONADOTROPINS, therapeutic use/ HUMAN/ LEIOMYOMA, complications/ MALE/ OVARY, surgery/ OVULATION/ REVIEW/ *STERILITY/ STERILITY, diagnosis/ STERILITY, etiology/ UTERINE NEOPLASMS, complications

604. **Castelain G, Castelain C, Pretet S, et al:** Cytodiagnostic des mésothéliomes pleuraux.
Presse Med 77:197-9, 1 Feb 69 **(Fre)**
ADENOCARCINOMA, pathology/ BREAST NEOPLASMS, pathology/ *CYTODIAGNOSIS/ HUMAN/ HYPERPLASIA, pathology/ KIDNEY NEOPLASMS, pathology/ LUNG NEOPLASMS, pathology/ *MESOTHELIOMA, pathology/ NEOPLASM METASTASIS/ OVARIAN NEOPLASMS, pathology/ PANCREATIC NEOPLASMS, pathology/ PLEURA, pathology/ PLEURAL EFFUSION, pathology/ PLEURAL NEOPLASMS, diagnosis/ *PLEURAL NEOPLASMS, pathology/ STAINS AND STAINING/ UTERINE NEOPLASMS, pathology

605. **Castelli A, Barbaresi G, Bertoli EI:** Studies on the lipids of S. cerevisiae during the growth phases.
Ital J Biochem 18:91-9, Mar-Apr 69
CULTURE MEDIA/ FATTY ACIDS, analysis/ GLUCOSE, metabolism/ *LIPIDS, analysis/ OXYGEN, metabolism/ PHOSPHOLIPIDS, analysis/ *SACCHAROMYCES, growth & development/ TIME FACTORS/ TRIGLYCERIDES, analysis/ VITAMIN D, analysis

606. **Castro JR:** Lymphadenectomy and radiation therapy in malignant tumors of the testicle other than pure seminoma. Cancer 24:87-91, Jul 69
*CHORIOCARCINOMA, radiotherapy/ *CHORIOCARCINOMA, surgery/ COMPARATIVE STUDY/ HUMAN/ LYMPH NODE EXCISION/ MALE/ MEDIASTINAL NEOPLASMS, radiotherapy/ NEOPLASM

METASTASIS, radiotherapy/ *TERATOID TUMOR, radiotherapy/ *TERATOID TUMOR, surgery/ *TESTICULAR NEOPLASMS, radiotherapy/ *TESTICULAR NEOPLASMS, surgery/ THORACIC NEOPLASMS, radiotherapy

607. **Cathro DM, Bertrand J, Coyle MG:** Antenatal diagnosis of adrenocortical hyperplasia. Lancet 1:732, 5 Apr 69
*ADRENOGENITAL SYNDROME, diagnosis/ ADULT/ *ESTRIOL, urine/ FEMALE/ *FETAL DISEASES, diagnosis/ GESTATIONAL AGE/ HUMAN/ INFANT, NEWBORN/ 17-KETOSTEROIDS, urine/ PREGNANCY/ PREGNANETRIOL, urine

608. **Caunt AE, Shaw DG:** Neutralization tests with varicella-zoster virus. J Hyg (Camb) 67:343-52, Jun 69
ADULT/ ANTIBODY FORMATION/ CHICKENPOX, immunology/ CHILD/ COMPLEMENT FIXATION TESTS/ FEMALE/ GAMMA GLOBULIN/ HERPES ZOSTER, immunology/ HERPESVIRUS HOMINIS, immunology/ HUMAN/ IN VITRO/ MALE/ *NEUTRALIZATION TESTS/ THYROID GLAND/ TISSUE CULTURE/ *VARICELLA-ZOSTER VIRUS, immunology/ VIRUS CULTIVATION

609. **Cavalieri RR, Castle JN, Searle GL:** A simplified method for estimating free-thyroxine fraction in serum. J Nucl Med 10:565-70, Sep 69
HUMAN/ IODINE ISOTOPES/ METHODS/ POLYSACCHARIDES/ TEMPERATURE/ THYROID DISEASES, blood/ *THYROID GLAND FUNCTION TESTS/ *THYROXINE, blood/ THYROXINE-BINDING PROTEIN/ TIME FACTORS

610. **Cavallero C, Solcia E, Vassallo G, et al:** Aspetti morfo-biologici della sindrome di Zollinger-Ellison. Arch Ital Mal Appar Dig 34:53-63, 1967 (72 ref.) **(Ita)**
GASTRIC MUCOSA, pathology/ *GASTRIN, secretion/ HISTOCYTOCHEMISTRY/ HORMONES, ECTOPIC, secretion/ HUMAN/ INTESTINAL MUCOSA, pathology/ *ISLET CELL TUMOR, pathology/ MICROSCOPY, ELECTRON/ REVIEW/ SECRETORY RATE/ *ZOLLINGER-ELLISON SYNDROME, pathology

611. **Cavallito CJ:** Contributions of medicinal chemistry to medicine from 1935.
Fortschr Arzneimittelforsch 12:11-46, 1968 (20 ref.)
ANALGESICS AND ANTIPYRETICS/ ANESTHETICS/ ANTICOAGULANTS/ ANTICONVULSANTS/ ANTIHISTAMINICS/ ANTI-INFECTIVE AGENTS/ AUTONOMIC DRUGS/ *CHEMISTRY, PHARMACEUTICAL/ DERMATOLOGIC AGENTS/ DIURETICS/ *DRUGS/ GASTROINTESTINAL AGENTS/ HEMOSTATICS/ HYPNOTICS AND SEDATIVES/ PHYSICIANS/ RESEARCH/ REVIEW/ STEROIDS/ TECHNOLOGY, PHARMACEUTICAL/ TRANQUILIZING AGENTS/ UNITED STATES/ UNITED STATES FOOD AND DRUG ADMINISTRATION/ VITAMINS

612. **Cavanagh D, Rao PS:** Mechanism of action of intra-uterine device in the rabbit uterus.
J Reprod Fertil 18:164, Feb 69
ANIMAL EXPERIMENTS/ CORPUS LUTEUM, anatomy & histology/ FEMALE/ FERTILIZATION/ GENITALIA, FEMALE, anatomy & histology/ *INTRAUTERINE DEVICES/ NIDATION/ OVUM/ RABBITS/ *UTERUS, physiology

613. **Cave Bondi G, Targetti M:** Aspetti clinici attuali della brucellosi cronica. G Mal Infett 21:133-5, Feb 69 **(Ita)**
ADRENAL CORTEX HORMONES, therapeutic use/ *BRUCELLOSIS, pathology/ *BRUCELLOSIS, therapy/ CHRONIC DISEASE/ HUMAN/ VACCINE THERAPY

614. **Cekański A, Skalba P:** Obserwacje kliniczen i morfologiczne rozrostów i nowotworów kosmówki. Pol Tyg Lek 24:470-3, 31 Mar 69 **(Pol)**
*CHORIOCARCINOMA, pathology/ FEMALE/ *FETAL MEMBRANES, pathology/ HUMAN/ *HYDATIDIFORM MOLE, pathology/ HYPERTROPHY/ PREGNANCY/ *UTERINE NEOPLASMS, pathology

615. **Cernéa P, Kuffer R, Baumont M, et al:** Naevomatose baso-cellulaire. Association de naevi baso-cellulaires de la peau, de kystes épidermoïdes des maxillaires, de malformations osseuses et d'autres anomalies. 7 observations.
Rev Stomat (Paris) 70:181-226, Apr-May 69 **(Fre)**
ADOLESCENCE/ ADULT/ BONE CYST/ CHILD/ CHILD, PRESCHOOL/ CHROMOSOME ABERRATIONS/ CORPUS CALLOSUM, abnormalities/ CRYPTORCHISM, complications/ *DERMOID CYST, complications/ ELECTROENCEPHALOGRAPHY/ FEMALE/ FIBROMA/ HUMAN/ HYDROCEPHALUS, complications/ MALE/ *MAXILLARY DISEASES, complications/ MEDULLOBLASTOMA, complications/ MIDDLE AGE/ *NEVUS, complications/ OVARIAN NEOPLASMS, complications/ SKIN MANIFESTATIONS/ *SKIN NEOPLASMS, complications

616. **Cernoch Z, Křen V, Steinhart L, et al:** K vasografické diagnostice intra a extraadrenálních feochromocytomů. Cesk Radiol 23:123-8, May 69 **(Cze)**
ADOLESCENCE/ ADULT/ *ANGIOGRAPHY/ AORTOGRAPHY/ CATECHOLAMINES, blood/ CATHETERIZATION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERTENSION, etiology/ MALE/ METHODS/ *PHEOCHROMOCYTOMA, radiography/ *PHLEBOGRAPHY

617. **Cerný E, Macek M, Cupr Z:** The simultaneous occurrence of ovarian cancer and mediastinal rhabdomyosarcoma. Neoplasma (Bratisl) 16:81-7, 1969
ADULT/ CYSTADENOCARCINOMA, pathology/ FEMALE/ HUMAN/ INTESTINE, LARGE, pathology/ LUNG NEOPLASMS, pathology/ *MEDIASTINAL NEOPLASMS, complications/ MEDIASTINAL NEOPLASMS, pathology/ *NEOPLASMS, MULTIPLE PRIMARY/ *OVARIAN NEOPLASMS, complications/ *RHABDOMYOSARCOMA, complications/ RHABDOMYOSARCOMA, pathology

618. **Cerný M, Zwinger A, Schönfeld V:** Sledování genetických faktorů u žen s habituálním potrácením.
Cesk Gynek 34:209-12, Apr 69 **(Cze)**
*ABORTION, HABITUAL, etiology/ ANTHROPOMETRY/ ENGLISH ABSTRACT/ FEMALE/ *GENETICS, HUMAN/ HUMAN/ MENSTRUATION DISORDERS/ PREGNANCY/ PUBERTY/ UTERINE DISEASES, complications/ UTERUS, abnormalities

619. **Ceroni P, Gromo G:** Osteoporosi senile e fratture patologiche vertebrali.
G Geront 17:192-205, Feb 69 **(Ita)**
AGED/ ENGLISH ABSTRACT/ FEMALE/ *FRACTURES, complications/ HUMAN/ MALE/ MIDDLE AGE/ *OSTEOPOROSIS, etiology/ *SPINAL DISEASES, etiology/ *SPINAL INJURIES, complications

620. **Chadduck WM, Ames BA:** Ptosis and proptosis following Valsalva maneuver.
Aerospace Med 40:670-1, Jun 69
ADULT/ AIR/ ATMOSPHERIC PRESSURE/ *BLEPHAROPTOSIS, etiology/ ETHMOID BONE/ *EXOPHTHALMOS, etiology/ HUMAN/ MALE/ ORBIT, radiography/ RUPTURE, etiology/ *VALSALVA'S MANEUVER, adverse effects

621. **Chadha JS, Ashby DW, Cowan WK:** Fatal intestinal atony in myxoedema. Brit Med J 3:398, 16 Aug 69
CONSTIPATION/ HUMAN/ *INTESTINAL DISEASES, etiology/ INTESTINAL OBSTRUCTION, etiology/ MALE/ MIDDLE AGE/ *MYXEDEMA, complications/ URINATION DISORDERS, etiology

622. **Chalmers J:** Dietary osteomalacia.
Lancet 1:1150, 7 Jun 69
AGED/ *DIET/ FEMALE/ HUMAN/ *OSTEOMALACIA, etiology/ RADIATION

EFFECTS/ SKIN, radiation effects/ ULTRAVIOLET RAYS/ VITAMIN D, biosynthesis/ *VITAMIN D DEFICIENCY, complications

623. **Chambaz E, Brooks C, Horning M, et al:** Stéroïdes urinaires du nouveau-né: caractérisation par chromatographie gazeuse et spectrométrie de masse de quatre androstènetétrols.
C R Acad Sci [D] (Paris) 268:2817-20, 3 Jun 69 **(Fre)**
CHROMATOGRAPHY, GAS/ HUMAN/ *INFANT, NEWBORN/ SPECTRUM ANALYSIS/ *STEROIDS, urine

624. **Chambaz EM, Horning EC:** Conversion of steroids to trimethylsilyl derivatives for gas phase analytical studies: reactions of silylating reagents.
Anal Biochem 30:7-24, Jul 69
ANDROSTANES/ ANDROSTERONE/ CATALYSIS/ CHOLESTANES/ *CHROMATOGRAPHY, GAS/ DEHYDROEPIANDROSTERONE/ KETONES/ METHODS/ PREGNANES/ *SILICON/ *STEROIDS, analysis/ STEROLS

625. **Champlain J de, Krakoff L, Axelrod J:** Interrelationships of sodium intake, hypertension, and norepinephrine storage in the rat.
Circ Res 24:Suppl:75-92, May 69
ANIMAL EXPERIMENTS/ ARTERIES/ BLOOD PRESSURE, drug effects/ DESOXYCORTICOSTERONE, pharmacodynamics/ HEART, drug effects/ HUMAN/ *HYPERTENSION, chemically induced/ NOREPINEPHRINE, biosynthesis/ NOREPINEPHRINE, metabolism/ *NOREPINEPHRINE, metabolism/ RATS/ SODIUM, pharmacodynamics/ *SODIUM CHLORIDE, pharmacodynamics/ SYMPATHETIC NERVOUS SYSTEM, drug effects

626. **Chang IH, Harrill I, Gifford ED:** Influence of zinc and vitamin D on bone constituents of the rat.
Metabolism 18:625-9, Jul 69
ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ BONE AND BONES, analysis/ BONE AND BONES, drug effects/ *BONE AND BONES, metabolism/ BONE DEVELOPMENT/ CALCIFICATION, PHYSIOLOGIC/ CALCIUM, analysis/ ERGOCALCIFEROL, pharmacodynamics/ FEMUR/ MALE/ PHOSPHORUS, analysis/ RATS/ STIMULATION, CHEMICAL/ *VITAMIN D, physiology/ WATER, analysis/ ZINC, analysis/ *ZINC, metabolism/ ZINC ISOTOPES

627. **Chaplain RA:** Changes of adenosine triphosphatase activity and tension with fibre elongation in glycerinated insect fibrillar flight muscle.
Pflueger Arch 307:120-6, 1969
*ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ BIOMECHANICS/ CALCIUM, metabolism/ GLYCERIN/ INSECTS/ *MUSCLE CONTRACTION/ *MUSCLES, enzymology

628. **Chapman BL, Duggan JM:** Environmental factors and the Australian gastric ulcer change.
Med J Aust 1:1179-83, 7 Jun 69
ADRENAL CORTEX HORMONES/ ADULT/ ALCOHOL DRINKING/ ASPIRIN, adverse effects/ AUSTRALIA/ DRUG ABUSE/ DUODENAL ULCER, etiology/ *ENVIRONMENT/ FEMALE/ HANDICAPPED/ HUMAN/ MALE/ MIDDLE AGE/ OCCUPATIONS/ PEPTIC ULCER, chemically induced/ *PEPTIC ULCER, etiology/ PEPTIC ULCER, occurrence/ PHENYLBUTAZONE, adverse effects/ SEX FACTORS/ SMOKING/ SOCIAL CLASS/ SOCIAL PROBLEMS/ STOMACH ULCER, etiology

629. **Chatlynne LG:** A histochemical study of oogenesis in the sea urchin, Strongylocentrotus purpuratus.
Biol Bull 136:167-84, Apr 69
ANIMAL EXPERIMENTS/ *ECHINODERMATA, embryology/ FEMALE/ HISTOCYTOCHEMISTRY/ *MEIOSIS/ MICROSCOPY/ OVARY, growth & development/ OVUM, cytology/ *OVUM, cytology/ SEASONS/ TEMPERATURE

630. **Chatterjee A:** Cytological deterioration in the adenohypophysial gonadotrophs of Bufo melanostictus during hibernation.
J Reprod Fertil 18:165, Feb 69
ANIMAL EXPERIMENTS/ BREEDING/ GONADOTROPINS, PITUITARY, physiology/ *HIBERNATION/ MALE/ PITUITARY GLAND, analysis/ *PITUITARY GLAND, cytology/ PITUITARY HORMONES, ANTERIOR, analysis/ TESTIS, cytology/ *TOADS

631. **Chatterjee A:** Effect of carbon tetrachloride on gonadal physiology in female rats.
Acta Anat (Basel) 71:82-6, 1968
ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ *CARBON TETRACHLORIDE, pharmacodynamics/ ESTRUS, drug effects/ FEMALE/ GONADOTROPINS, PITUITARY, analysis/ INJECTIONS, INTRAPERITONEAL/ ORGAN WEIGHT/ *OVARY, drug effects/ PITUITARY GLAND, drug effects/ RATS/ UTERUS, drug effects

632. **Chatterton RT Jr, Chatterton AJ, Hellman L:** Metabolism of progesterone by the rabbit mammary gland. Endocrinology 85:16-24, Jul 69
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHROMATOGRAPHY, THIN LAYER/ FEMALE/ HYDROXYSTEROID DEHYDROGENASE, metabolism/ IN VITRO/ MAMMAE, blood supply/ MAMMAE, enzymology/ *MAMMAE, metabolism/ PREGNANEDIOL, isolation & purification/ PREGNANES, isolation & purification/ PREGNENOLONE, metabolism/ PROGESTERONE, blood/ *PROGESTERONE, metabolism/ RABBITS/ RADIOISOTOPE DILUTION TECHNIC/ VENA CAVA, INFERIOR

633. **Chattopadhyay DP, Akerblom HK, Martin JM:** In vitro metabolism of glucose by adipose tissue from rats bearing a growth hormone secreting tumor (MtTW15). Diabetes 18:387-91, Jun 69
ADIPOSE TISSUE, analysis/ *ADIPOSE TISSUE, metabolism/ ADIPOSE TISSUE, secretion/ ANIMAL EXPERIMENTS/ CARBON DIOXIDE, metabolism/ CARBON ISOTOPES/ FATTY ACIDS, analysis/ FATTY ACIDS, NONESTERIFIED, analysis/ *GLUCOSE, metabolism/ IN VITRO/ INSULIN, blood/ LIPIDS, metabolism/ MALE/ *NEOPLASMS, EXPERIMENTAL, metabolism/ OXYGEN, metabolism/ PROTEINS, analysis/ RATS/ SOMATOTROPIN, blood/ SOMATOTROPIN, pharmacodynamics/ *SOMATOTROPIN, secretion

634. **Chatwin AL, Linzell JL, Setchell BP:** Cardiovascular changes during lactation in the rat.
J Endocr 44:247-54, Jun 69
ANIMAL EXPERIMENTS/ CARDIAC OUTPUT/ *CARDIOVASCULAR SYSTEM, physiology/ CEREBROVASCULAR CIRCULATION/ CORONARY VESSELS/ FEMALE/ GASTROINTESTINAL SYSTEM, blood supply/ GENITALIA, FEMALE, blood supply/ INTESTINE, LARGE, blood supply/ INTESTINE, SMALL, blood supply/ KIDNEY, blood supply/ *LACTATION/ LIVER, blood supply/ MAMMAE, blood supply/ ORGAN WEIGHT/ RATS/ REGIONAL BLOOD FLOW/ SKIN, blood supply

635. **Chaudhuri SK, Ghosh S:** Thron test in leprosy.
Bull Calcutta Sch Trop Med 16:121-2, Oct 68
CORTICOTROPIN, diagnostic use/ EOSINOPHILS/ HUMAN/ *LEPROSY, blood/ LEUKOCYTE COUNT

636. **Cheah JS, Tan BY:** Turner's syndrome (gonadal dysgenesis): clinical, dermatoglyphic and chromosomal features. Med J Malaya 23:181-8, Mar 69
ADOLESCENCE/ ADULT/ CHILD/ DERMATOGLYPHICS/ FEMALE/ HUMAN/

KARYOTYPING/ MALE/ *TURNER'S SYNDROME

637. **Cheesman EM, Copping AM**: Studies of the action of vitamin D in the rat. Brit J Nutr 23:371-5, Jun 69
ANIMAL EXPERIMENTS/ BONE AND BONES, analysis/ CALCIFICATION, PHYSIOLOGIC/ CALCIUM, analysis/ CALCIUM, blood/ DIET/ HISTOCYTOCHEMISTRY/ LEUCINE AMINOPEPTIDASE, analysis/ PARATHYROID GLANDS, enzymology/ PHOSPHORUS, analysis/ PHOSPHORUS, blood/ RATS/ *VITAMIN D, pharmacodynamics

638. **Cheever EV, Lewis UJ**: Estimation of the molecular weights of the multiple components of growth hormone and prolactin.
Endocrinology 85:465-73, Sep 69
AMIDES, analysis/ ANIMAL EXPERIMENTS/ CATTLE/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ HUMAN/ MALEATES/ METHODS/ MICE/ *MOLECULAR WEIGHT/ *PROLACTIN, analysis/ RATS/ SHEEP/ *SOMATOTROPIN, analysis

639. **Cheifetz PN**: Effect of lesions in the globus pallidus upon thyroid function. J Endocr 43:36-7, Jan 69
ANIMAL EXPERIMENTS/ DIURESIS/ *GLOBUS PALLIDUS, physiology/ IODINE ISOTOPES/ MALE/ PROTEIN-BOUND IODINE TEST/ RATS/ THYROID GLAND, analysis/ THYROID GLAND, metabolism/ *THYROID GLAND, physiology/ THYROTROPIN, secretion/ THYROXINE, analysis

640. **Chen CL, Meites J**: Effects of thyroxine and thiouracil on hypothalamic PIF and pituitary prolactin levels.
Proc Soc Exp Biol Med 131:576-8, Jun 69
ANIMAL EXPERIMENTS/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ HYPOTHALAMUS, analysis/ MALE/ PITUITARY GLAND, analysis/ *PITUITARY GLAND, drug effects/ PITUITARY HORMONE RELEASING FACTORS, analysis/ PROLACTIN, analysis/ *PROLACTIN, secretion/ RATS/ *THIOURACIL, pharmacodynamics/ *THYROXINE, pharmacodynamics

641. **Chen-Maĭransaeva TP**: O chastote lokalizatsii metastazov zlokachestvennykh opukholeĭ laichnikov (po sektsionnym dannym Instituta onkologii im. N. N. Petrova MZ SSSR s 1926 po 1966 g)
Vop Onkol 14:86-92, 1968 (Rus)
ADULT/ AGED/ FEMALE/ HUMAN/ LYMPHATIC METASTASIS/ MIDDLE AGE/ NEOPLASM METASTASIS/ *OVARIAN NEOPLASMS

642. **Cheng CC**: Some pyrimidines of biological and medicinal interest. I.
Progr Med Chem 6:67-134, 1969 (850 ref.)
ANIMAL EXPERIMENTS/ ANTIBIOTICS, pharmacodynamics/ ANTIFUNGAL AGENTS, pharmacodynamics/ ANTI-INFECTIVE AGENTS, pharmacodynamics/ ANTIMALARIALS, pharmacodynamics/ ANTIMETABOLITES, pharmacodynamics/ BACTERIA, drug effects/ BROMINE/ CHLORINE/ FLUORINE/ FLUORODEOXYURIDINE, pharmacodynamics/ FLUOROURACIL, pharmacodynamics/ HUMAN/ IODINE/ PYRIMETHAMINE, pharmacodynamics/ *PYRIMIDINES, pharmacodynamics/ REVIEW/ RODENTICIDES, pharmacodynamics/ SULFONAMIDES, pharmacodynamics/ THYROID ANTAGONISTS, pharmacodynamics

643. **Chepurov AK, Markosian AA**: O roli kholinergicheskogo substrata gipotalamusa v regulîatsii sistemy svertyvaniia krovi.
Biull Eksp Biol Med 63:30-5, Apr 67 (Rus)
*ACETYLCHOLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ *CEREBRAL CORTEX, physiology/ ELECTROCARDIOGRAPHY/ HYPOTHALAMUS, drug effects/ *HYPOTHALAMUS, physiology/ RABBITS

644. **Chernov VA, Minakova SM, Grushina AA**: Protivoopukholevaia i éstrogennaia aktivnost' proizvodnykh nekotorykh gormonov s ostatkami étilenimidofosfornoĭ kisloty.
Vop Onkol 14:69-75, 1968 (Rus)
ANIMAL EXPERIMENTS/ ANTINEOPLASTIC AGENTS, toxicity/ CHOLESTEROL, adverse effects/ *CHOLESTEROL, therapeutic use/ *ESTROGENS, therapeutic use/ ESTROGENS, toxicity/ MICE/ PHOSPHINES, toxicity/ *PHOSPHORIC ACIDS, therapeutic use/ RATS/ SARCOMA 180, CROCKER, drug therapy/ *SARCOMA, EXPERIMENTAL, drug therapy/ UTERUS, drug effects/ VAGINA, drug effects

645. **Cherry WB, McKinney RM, Emmel VM, et al**: Evaluation of commercial fluorescein isothiocyanates used in fluorescent antibody studies.
Stain Techn 44:179-86, Jul 69
ANIMAL EXPERIMENTS/ CATTLE/ *FLUORESCEINS, analysis/ FLUORESCENT ANTIBODY TECHNIC/ INFRARED RAYS/ PROTEINS, analysis/ RABBITS/ SERUM ALBUMIN, BOVINE/ SPECTROPHOTOMETRY/ STAINS AND STAINING/ *THIOCYANATES, analysis

646. **Cheymol J, Chabrier P, Carayon-Gentil A**: Propriétés pharmacodynamiques des dérivés organiques des acides du phosphore. II.
Biol Med (Paris) 58:32-87, Jan 69 (373 ref.) (Fre)
*ACIDS, pharmacodynamics/ ANESTHETICS, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTICHOLESTEREMIC AGENTS, pharmacodynamics/ ANTICONVULSANTS, pharmacodynamics/ ANTIFUNGAL AGENTS, pharmacodynamics/ ANTIHYPERTENSIVE AGENTS, pharmacodynamics/ ANTI-INFECTIVE AGENTS, pharmacodynamics/ ANTINEOPLASTIC AGENTS/ CHOLINESTERASE INHIBITORS, pharmacodynamics/ ESTERASES, antagonists & inhibitors/ EYE, drug effects/ HORMONES, pharmacodynamics/ HUMAN/ HYPNOTICS AND SEDATIVES, pharmacodynamics/ INTESTINAL DISEASES, drug therapy/ LIPIDS, blood/ LIVER, drug effects/ MUSCLE RELAXANTS, pharmacodynamics/ NARCOTICS, pharmacodynamics/ NERVE TISSUE, drug effects/ NERVOUS SYSTEM DISEASES, drug therapy/ OXYTOCICS, pharmacodynamics/ PHOSPHORUS, metabolism/ *PHOSPHORUS, pharmacodynamics/ RADIATION-PROTECTIVE AGENTS, pharmacodynamics/ RADIATION-SENSITIZING AGENTS, pharmacodynamics/ REVIEW/ SULFHYDRYL COMPOUNDS, pharmacodynamics/ UREMIA, drug therapy/ VITAMINS, pharmacodynamics

647. **Chiaraviglio E, Taleisnik S**: Water and salt intake induced by hypothalamic implants of cholinergic and adrenergic agents. Amer J Physiol 216:1418-22, Jun 69
ACETYLCHOLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *DRINKING BEHAVIOR/ HYPOTHALAMUS, drug effects/ *HYPOTHALAMUS, physiology/ MALE/ NOREPINEPHRINE, pharmacodynamics/ *PARASYMPATHOMIMETICS, pharmacodynamics/ RATS/ RESERPINE, pharmacodynamics/ *SODIUM CHLORIDE/ *SYMPATHOMIMETICS, pharmacodynamics/ THIRST/ *WATER

648. **Chiaverini P**: Considerazioni cliniche sul betametasone fosfato disodico ad azione ritardata (Celestone A.R.)
Minerva Med 60:2216-8, 2 Jun 69 (Ita)
*BETAMETHASONE, therapeutic use/ *COMMUNICABLE DISEASES, drug therapy/ *DELAYED-ACTION PREPARATIONS, therapeutic use/ *DERMATITIS, drug therapy/ ENGLISH ABSTRACT/ HUMAN/ *LIVER CIRRHOSIS, drug therapy/ *PULMONARY EMBOLISM, drug therapy/ *RESPIRATORY TRACT INFECTIONS, drug therapy/ *RHEUMATIC FEVER, drug therapy

649. **Chieri RA, Pivetta OH, Foglia VG**: Altered ovulation pattern in experimental diabetes.
Fertil Steril 20:661-6, Jul-Aug 69
ANIMAL EXPERIMENTS/ *DIABETES

MELLITUS, physiopathology/ FEMALE/ HYPERGLYCEMIA, physiopathology/ INSULIN, PROTAMINE ZINC, pharmacodynamics/ OVIDUCTS/ *OVULATION/ OVULATION, drug effects/ OVUM/ PANCREATECTOMY/ PREDIABETIC STATE, physiopathology/ PREGNANCY/ RATS

650. **Chisolm JJ Jr:** Porphyria in the adolescent--diagnosis and treatment. Southern Med J 62:713-9, Jun 69
ADOLESCENCE/ FEMALE/ GENES, DOMINANT/ HEME, biosynthesis/ HUMAN/ MALE/ PEDIGREE/ PORPHYRIA, chemically induced/ *PORPHYRIA, diagnosis/ PORPHYRIA, familial & genetic/ *PORPHYRIA, therapy/ PORPHYRINS, urine/ VASOPRESSIN, biosynthesis

651. **Chmielowa M, Krawczyński M, Sarrazin O, et al:** Przypadek obojnactwa rzekomego u 2-letniego chłopca. Pediat Pol 44:347-51, Mar 69 (Pol)
ADRENOGENITAL SYNDROME, diagnosis/ CASE REPORT/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ *HERMAPHRODITISM, diagnosis/ HUMAN/ MALE

652. **Chohan BS, Parmar IP, Bhatia JN:** Anterior orbital meningoencephalocele.
Amer J Ophthal 68:144-6, Jul 69
CHILD, PRESCHOOL/ ENCEPHALOCELE, complications/ *ENCEPHALOCELE, radiography/ EXOPHTHALMOS, complications/ EXOPHTHALMOS, etiology/ EYE DISEASES, radiography/ FEMALE/ HUMAN/ KERATITIS, complications/ *ORBIT, radiography/ PANOPHTHALMITIS, etiology/ SKULL, radiography

653. **Chopra IJ, Jim RT:** Adverse effects of steroids in acute myeloblastic and monoblastic leukemia.
Acta Haemat (Basel) 41:106-13, 1969
*GLUCOCORTICOIDS, adverse effects/ HUMAN/ *LEUKEMIA, MONOBLASTIC, drug therapy/ *LEUKEMIA, MYELOBLASTIC, drug therapy/ MERCAPTOPURINE, therapeutic use

654. **Chorzelski T, Kuch J:** Atypical myocardial infarction in a case of pemphigus in the light of immunofluorescence studies.
Clin Exp Immun 4:691-5, Jun 69
*AUTOANTIBODIES, analysis/ ELECTROCARDIOGRAPHY/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ MYOCARDIAL INFARCT, etiology/ *MYOCARDIAL INFARCT, immunology/ MYOCARDIUM, immunology/ *PEMPHIGUS, complications/ PREDNISONE, therapeutic use

655. **Choudhuri HC:** Late DNA replication pattern in sex chromosomes of Melandrium.
Canad J Genet Cytol 11:192-8, Mar 69
*DNA REPLICATION/ HETEROCHROMATIN/ PLANTS/ POLLEN, metabolism/ RADIOAUTOGRAPHY/ *SEX CHROMOSOMES, metabolism/ THYMIDINE, metabolism/ TRITIUM

656. **Choy DS, Gould WJ, Gearhart RP, et al:** Remission in Wegener's granulomatosis treated with steroids and azathioprine. New York J Med 69:1205-9, 1 May 69
ADULT/ *AZATHIOPRINE, therapeutic use/ FEMALE/ HUMAN/ *PREDNISONE, therapeutic use/ *WEGENER'S GRANULOMATOSIS, drug therapy

657. **Chremos AN, Laidlaw JC, Ruse JL:** Effect of a sulfated mucopolysaccharide (RO 1-8307) on the zona glomerulosa of regenerating rat adrenal glands and of intact glands in sodium-deprived rats.
Endocrinology 85:337-41, Aug 69
*ADRENAL GLANDS, anatomy & histology/ *ADRENAL GLANDS, drug effects/ *ALDOSTERONE, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ *DEFICIENCY DISEASES, metabolism/ DEPRESSION, CHEMICAL/ *HEPARINOID, pharmacodynamics/ HYPERTENSION, prevention & control/ MALE/ RATS/ *REGENERATION/ *SODIUM, metabolism

658. **Christakos AC, Simpson JL, Younger JB, et al:** Gonadal dysgenesis as an autosomal recessive condition.
Amer J Obstet Gynec 104:1027-30, 1 Aug 69
*AUTOSOME ABNORMALITIES/ CONSANGUINITY/ FEMALE/ *GENES, RECESSIVE/ HUMAN/ *TURNER'S SYNDROME, familial & genetic

659. **Christie GA:** Chlormadinone acetate as oral contraceptive. Lancet 2:60, 5 Jul 69
ACETATES/ *CHLORMADINONE/ *CONTRACEPTIVES, ORAL/ FEMALE/ HUMAN

660. **Christie GA:** Chlormadinone acetate as oral contraceptive. Lancet 1:1262, 21 Jun 69
ADULT/ *CHLORMADINONE/ *CONTRACEPTIVES, ORAL/ FEMALE/ HUMAN/ PREGNANCY

661. **Christlieb AR, Biber TU, Hickler RB:** Studies on the role of angiotensin in experimental renovascular hypertension: an immunologic approach.
J Clin Invest 48:1506-18, Aug 69
*ANGIOTENSIN, pharmacodynamics/ ANGIOTENSIN AMIDE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ ANTIGENS, isolation & purification/ BLOOD PRESSURE, drug effects/ BLOOD PRESSURE DETERMINATION/ *HYPERTENSION, RENAL/ HYPERTENSION, RENAL, chemically induced/ HYPERTENSION, RENAL, etiology/ HYPERTENSION, RENAL, immunology/ IODINE ISOTOPES/ MALE/ NOREPINEPHRINE, pharmacodynamics/ POTASSIUM, blood/ RADIOIMMUNOASSAY/ RATS/ RENIN, analysis/ RENIN, metabolism/ TIME FACTORS

662. **Christlieb AR, Hickler RB, Lauler DP, et al:** Hypertension with inappropriate aldosterone stimulation. New Eng J Med 281:128-31, 17 Jul 69
ALDOSTERONE, biosynthesis/ *ALDOSTERONE, secretion/ ANGIOTENSIN, blood/ CHLORIDES, urine/ CORTICOTROPIN, pharmacodynamics/ CREATININE, urine/ DESOXYCORTICOSTERONE, pharmacodynamics/ DIET/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ *HYPERTENSION, etiology/ HYPERTENSION, metabolism/ 17-KETOSTEROIDS, urine/ MALE/ MIDDLE AGE/ POTASSIUM, blood/ POTASSIUM, urine/ RENIN, blood/ SECRETORY RATE/ SODIUM, blood/ SODIUM, urine

663. **Christophers E:** DNS-Synthese und Hyperplasie der Epidermis nach Hornschichtabriss und Salben-Applikation.
Arch Klin Exp Derm 233:277-86, 1968 (Ger)
ALCOHOLS, pharmacodynamics/ ANIMAL EXPERIMENTS/ BETAMETHASONE, pharmacodynamics/ *DNA, biosynthesis/ ENGLISH ABSTRACT/ GUINEA PIGS/ HYDROCORTISONE, TOPICAL, pharmacodynamics/ *HYPERPLASIA, chemically induced/ MALE/ RADIOAUTOGRAPHY/ *SKIN, drug effects/ SKIN, pathology/ THYMIDINE/ TRIAMCINOLONE, pharmacodynamics/ TRITIUM/ *VEHICLES, pharmacodynamics

664. **Chromá M, Janovský M, Martínek J, et al:** Die Entwicklung der Aldosteronwirkung auf die Electrolytausscheidung im Harn bei Säuglingen.
Pflueger Arch 307:R68-9, 1969 (Ger)
*ALDOSTERONE, pharmacodynamics/ *DEHYDRATION, physiopathology/ HUMAN/ INFANT/ INFANT, NEWBORN/ *KIDNEY, physiopathology/ OSMOLAR CONCENTRATION/ *POTASSIUM, urine/ *SODIUM, urine

665. **Chu EW, Malmgren RA, Kazam E:** Variability of sex chromatin counts. Acta Cytol (Balt) 13:72-5, Feb 69
ANALYSIS OF VARIANCE/ *CHEEK, cytology/ FEMALE/ HUMAN/ *MOUTH MUCOSA, cytology/ *SEX CHROMATIN/ STATISTICS

666. **Chu YC, Doyle WM, Connette AG:** Coronary insufficiency due to secondary hyperlipoproteinemia. New York J Med 69:1343-6, 15 May 69
*CORONARY DISEASE, etiology/ HUMAN/ *HYPERLIPEMIA, complications/ *HYPOTHYROIDISM, complications/ MALE/ MIDDLE AGE

667. **Chueca A, Worwood M, Taylor DM:** The simultaneous determination of zinc and cadmium in biological materials by neutron activation analysis. Int J Appl Radiat 20:335-40, May 69
*ACTIVATION ANALYSIS/ ANIMAL EXPERIMENTS/ *CADMIUM, analysis/ GAMMA SPECTROMETRY/ KIDNEY, analysis/ METHODS/ RADIOBIOLOGY/ RATS/ TESTIS, analysis/ *ZINC, analysis

668. **Chung HK, McLimans WF, Horoszewicz J, et al:** In vitro studies of human trophoblast. Amer J Obstet Gynec 104:945-52, 1 Aug 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CHORIOCARCINOMA, pathology/ FLUORESCENT ANTIBODY TECHNIC/ GONADOTROPINS, CHORIONIC, analysis/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ HYDATIDIFORM MOLE, pathology/ METHODS/ MICE/ PLACENTAL EXTRACTS, pharmacodynamics/ RABBITS/ RADIOIMMUNOASSAY/ TISSUE CULTURE/ TROPHOBLAST, cytology/ TROPHOBLAST, drug effects/ *TROPHOBLAST, growth & development

669. **Churý Z, Kašpárek M:** Vznik kalcifikujících arteriopatií po vitamínu D a jeho derivátech v experimentu na zvířatech. Cesk Pediat 24:391-5, May 69 (Cze)
ANIMAL EXPERIMENTS/ AORTA, drug effects/ ARTERIES/ *CALCINOSIS, chemically induced/ CALCIPHYLAXIS/ CORONARY VESSELS, drug effects/ *DIHYDROTACHYSTEROL/ ENGLISH ABSTRACT/ FEMALE/ MALE/ PROGERIA, chemically induced/ RATS/ TESTOSTERONE, pharmacodynamics/ *VASCULAR DISEASES, chemically induced/ *VITAMIN D

670. **Chýle P, Donner L:** Triploidy in embryo cell cultures of Gallus domesticus. Folia Biol (Praha) 15:232, 1969
ANIMAL EXPERIMENTS/ *CELL DIVISION/ CHICK EMBRYO/ GOLGI APPARATUS/ KARYOTYPING/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ PLASMA CELLS/ *POLYPLOIDY/ SEX CHROMATIN/ *TISSUE CULTURE

671. **Ciaranello RD, Barchas JD, Vernikos-Danellis JV:** Compensatory hypertrophy and phenylethanolamine N-methyl transferase (PNMT) activity in the rat adrenal. Life Sci 8:401-7, 1 Apr 69
ADRENAL GLANDS, anatomy & histology/ ADRENAL GLANDS, enzymology/ ADRENAL MEDULLA, enzymology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ FEMALE/ HYPERTROPHY, etiology/ HYPOPHYSECTOMY/ RATS/ TIME FACTORS/ *TRANSFERASES, metabolism

672. **Cier JF, Gharib C:** Le dosage de l'hormone antidiurétique et l'intérêt de ses applications en clinique. Marseille Med 104:403-9, 1967 (Fre)
ADULT/ AGED/ ANIMAL EXPERIMENTS/ CHILD/ HUMAN/ *KIDNEY DISEASES, diagnosis/ KIDNEY DISEASES, metabolism/ MIDDLE AGE/ RATS/ *VASOPRESSIN, analysis/ VASOPRESSIN, blood/ VASOPRESSIN, urine

673. **Ciovîrnache M, Teodoru M:** Raportul dintre dezvoltarea psihică şi dermatoglife în sindromul turner. Stud Cercet Endocr 19:519-24, 1968 (Rum)
*DERMATOGLYPHICS/ FEMALE/ HUMAN/ *INTELLIGENCE TESTS/ MALE/ *TURNER'S SYNDROME

674. **Cittadini E, Quartararo P:** Esperienze cliniche con una nuova associazione MAP + etinilestradiolo a basso dosaggio. Attualita Ostet Ginec 12:403-14, Sep-Oct 67 (Ita)
ADOLESCENCE/ ADULT/ *ETHINYL ESTRADIOL, therapeutic use/ FEMALE/ HUMAN/ *LACTATION, drug effects/ *MEDROXYPROGESTERONE, therapeutic use/ *MENSTRUATION DISORDERS, drug therapy/ *OVULATION, drug effects

675. **Clark MB, Boyd GW, Byfield PG, et al:** A radioimmunoassay for human calcitonin M. Lancet 2:74-7, 12 Jul 69
BIOLOGICAL ASSAY/ *CARCINOMA, diagnosis/ CHICKENS/ CORTICOTROPIN/ HUMAN/ IMMUNE SERUMS/ IODINE ISOTOPES/ METHODS/ OXYTOCIN/ PARATHYROID HORMONE/ *RADIOIMMUNOASSAY/ SWINE/ *THYROCALCITONIN, analysis/ *THYROID GLAND, analysis/ *THYROID NEOPLASMS, diagnosis/ TISSUE EXTRACTS/ VASOPRESSIN

676. **Clarke AG:** Factors affecting the growth of trophoblast transplanted to the testis. J Reprod Fertil 18:539-41, Apr 69
ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ IMMUNIZATION/ MALE/ MICE/ SKIN, transplantation/ SPECIES SPECIFICITY/ *TESTIS/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY/ *TROPHOBLAST, transplantation

677. **Clein LJ:** Harvey Cushing (1869-1939): a centennial appreciation. Canad J Surg 12:269-74, Jul 69
HISTORICAL ARTICLE/ HISTORICAL BIOGRAPHY/ HISTORY OF MEDICINE, 19TH CENT./ HISTORY OF MEDICINE, 20TH CENT./ HYPOPHYSECTOMY, history/ *NEUROSURGERY, history/ UNITED STATES

678. **Clementi F, De Virgiliis G, Mess B:** Influence of pineal gland principles on gonadotrophin-producing cells of the rat anterior pituitary gland: an electron microscopic study. J Endocr 44:241-6, Jun 69
ANIMAL EXPERIMENTS/ CASTRATION/ ENDOPLASMIC RETICULUM/ GONADOTROPINS, PITUITARY, analysis/ *GONADOTROPINS, PITUITARY, biosynthesis/ LH, analysis/ MALE/ MELATONIN, pharmacodynamics/ MESENCEPHALON, drug effects/ MICROSCOPY, ELECTRON/ *PINEAL BODY, analysis/ PITUITARY GLAND, analysis/ *PITUITARY GLAND, cytology/ PITUITARY GLAND, physiology/ RATS/ RETICULAR FORMATION, drug effects

679. **Clinch J, Turnbull AC, Khosla T:** Oral contraceptives and glucose tolerance. Lancet 2:109-10, 12 Jul 69
*CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ *GLUCOSE TOLERANCE TEST/ HUMAN/ *MESTRANOL, adverse effects/ *NORETHINDRONE, adverse effects/ PREGNANCY

680. **Clody DE, Carlton PL:** Behavioral effects of lesions of the medial septum of rats. J Comp Physiol Psychol 67:344-51, Mar 69
ADRENAL GLANDS/ AFFECT/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ *CEREBRAL VENTRICLES, physiology/ *EXPLORATORY BEHAVIOR/ EXTINCTION (PSYCHOLOGY)/ *LEARNING/ MALE/ *MOTOR ACTIVITY/ ORGAN WEIGHT/ ORIENTATION/ RATS/ REFLEX/ SPERMATOZOA, physiology

681. **Cobbin DM, Hawke DM, Temple DM:** Diuretic effects of planetocin. Comp Biochem Physiol 29:821-7, May 69
ANIMAL EXPERIMENTS/ BLADDER, physiology/ CHEMISTRY/ DEPRESSION, CHEMICAL/ *DIURESIS, drug effects/ DIURETICS, analysis/ *DIURETICS, pharmacodynamics/ ELECTRIC STIMULATION/ GASTROINTESTINAL SYSTEM/ GUINEA PIGS/ HYALURONIC ACID/ INSECTS/ KIDNEY FUNCTION TESTS/ MALE/ MUSCLE CONTRACTION, drug effects/ POTASSIUM, urine/ RATS/ SODIUM, urine/ TEMPERATURE/ TIME FACTORS/ *TISSUE EXTRACTS/ VASOPRESSIN, antagonists & inhibitors/ VASOPRESSIN, pharmacodynamics

682. **Coben LA:** Uptake of iodide by choroid plexus in vivo

and location of the iodide pump.
Amer J Physiol 217:89-97, Jul 69
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, ACTIVE/ CEREBRAL VENTRICLES, metabolism/ *CHOROID PLEXUS, metabolism/ DOGS/ IODIDES, blood/ IODIDES, cerebrospinal fluid/ *IODIDES, metabolism/ IODINE ISOTOPES/ METHODS/ SODIUM ISOTOPES/ THYROID GLAND, metabolism/ TIME FACTORS

683. **Codaccioni JL:** Diagnostic et traitement des hyperthyroïdies. Marseille Med 106:51-62, 1969 **(Fre)**
ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ *HYPERTHYROIDISM/ INFANT/ MALE/ MIDDLE AGE/ PREGNANCY

684. **Codaccioni JL, Bismuth J, Pierron H, et al:** Les troubles congénitaux de l'hormonogénèse thyroïdienne: expérience personnelle.
Marseille Med 106:13-9, 1969 **(Fre)**
CHILD/ CHILD, PRESCHOOL/ FEMALE/ GOITER, congenital/ HUMAN/ *HYPOTHYROIDISM, congenital/ HYPOTHYROIDISM, etiology/ HYPOTHYROIDISM, familial & genetic/ INFANT/ INFANT, NEWBORN/ MALE/ MYXEDEMA, congenital

685. **Codaccioni JL, Ruf H, Brochery P, et al:** Obesité, diabète et grossesse.
Pol Arch Med Wewnet 42:359-66, 1969 **(Fre)**
BIRTH WEIGHT/ DIABETES INSIPIDUS/ DIABETES MELLITUS, familial & genetic/ FEMALE/ GLUCOSE TOLERANCE TEST/ HUMAN/ INFANT MORTALITY/ INFANT, NEWBORN/ *OBESITY, complications/ *OBESITY IN DIABETES/ PREGNANCY/ *PREGNANCY IN DIABETES

686. **Cohen A, Selinger Z:** Calcium binding properties of sarcoplasmic reticulum membranes.
Biochim Biophys Acta 183:27-35, 3 Jun 69
ADENOSINE TRIPHOSPHATASE, metabolism/ ADENOSINE TRIPHOSPHATE/ ANIMAL EXPERIMENTS/ BINDING SITES/ BIOLOGICAL TRANSPORT, ACTIVE/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ CHLORIDES, pharmacodynamics/ CLOSTRIDIUM PERFRINGENS, enzymology/ HYDROGEN-ION CONCENTRATION/ MAGNESIUM, pharmacodynamics/ MEMBRANES, enzymology/ *MEMBRANES, metabolism/ MUSCLES, cytology/ MUSCLES, enzymology/ *MUSCLES, metabolism/ OSMOLAR CONCENTRATION/ PHOSPHOLIPASE, pharmacodynamics/ PHOSPHOLIPIDS, metabolism/ POTASSIUM CHLORIDE, pharmacodynamics/ RABBITS/ SODIUM CHLORIDE, pharmacodynamics/ TEMPERATURE/ TRYPSIN, pharmacodynamics

687. **Cohen C:** Fatal dislocation of cervical spine in rheumatoid disease.
Geront Clin (Basel) 11:239-43, 1969
AGED/ *ARTHRITIS, RHEUMATOID, complications/ *CERVICAL VERTEBRAE, injuries/ *DISLOCATIONS, complications/ FEMALE/ FOLIC ACID, blood/ HUMAN/ OSTEOPOROSIS, complications/ OSTEOPOROSIS, radiography

688. **Cohen P, Nichols GL Jr, Banks HH:** Fluoride treatment of bone rarefaction in multiple myeloma and osteoporosis. A review.
Clin Orthop 64:221-49, May-Jun 69 (105 ref.)
ANDROGENS, therapeutic use/ BONE AND BONES, analysis/ BONE AND BONES, metabolism/ BONE MARROW CELLS, metabolism/ CALCIUM, therapeutic use/ DRUG THERAPY, history/ *FLUORIDES, administration & dosage/ FLUORIDES, analysis/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 19TH CENT./ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ *MULTIPLE MYELOMA, drug therapy/ MULTIPLE MYELOMA, metabolism/ MULTIPLE MYELOMA, radiography/ *OSTEOPOROSIS, drug therapy/ OSTEOPOROSIS, metabolism/ OSTEOPOROSIS, radiography/ REVIEW

689. **Cohn JN, Notargiacomo AV:** Clinical application of a simple, specific bioassay technique for measuring renin activity. Amer J Med Sci 257:344-51, May 69
ACETYLCHOLINE, pharmacodynamics/ ANGIOTENSIN, analysis/ ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BRADYKININ, pharmacodynamics/ CATS/ COLON, drug effects/ DIET, SALT-FREE/ EPINEPHRINE, pharmacodynamics/ HISTAMINE, pharmacodynamics/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYPERTENSION, diagnosis/ METHODS/ *MUSCLE CONTRACTION, drug effects/ *MUSCLE, SMOOTH, drug effects/ NEPHRECTOMY/ NOREPINEPHRINE, pharmacodynamics/ RATS/ *RENIN, blood/ TRYPTAMINES, pharmacodynamics

690. **Cohn R, Sode J:** EEG findings in acute and chronic hypercalcemia.
Electroenceph Clin Neurophysiol 26:120, Jan 69
ANIMAL EXPERIMENTS/ *ELECTROENCEPHALOGRAPHY/ HUMAN/ *HYPERCALCEMIA, physiopathology/ MONKEYS

691. **Cole LJ, Foley WA:** Modification of urethan-lung tumor incidence by low x-radiation doses, cortisone, and transfusion of isotgenic lymphocytes.
Radiat Res 39:391-9, Aug 69
AET, pharmacodynamics/ ANIMAL EXPERIMENTS/ *CORTISONE, pharmacodynamics/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, SUBCUTANEOUS/ LUNG NEOPLASMS, chemically induced/ *LUNG NEOPLASMS, occurrence/ *LYMPHOCYTES, transplantation/ MALE/ MICE/ *NEOPLASMS, RADIATION-INDUCED, occurrence/ TRANSPLANTATION, HOMOLOGOUS/ *URETHANE

692. **Cole WH:** The surgical use of vasoconstrictors. Observations of the systemic circulatory effects of vaso-constrictors used at the operation site during general anaesthesia.
J Otolaryng Soc Aust 2:42-51, Mar 69
ADULT/ *ANESTHESIA, GENERAL/ BLOOD PRESSURE, drug effects/ *EAR, surgery/ *EPINEPHRINE, therapeutic use/ HUMAN/ INJECTIONS/ MALE/ MIDDLE AGE/ PHELYPRESSIN, pharmacodynamics/ PULSE, drug effects/ *VASOCONSTRICTOR AGENTS, therapeutic use

693. **Coleman EH, Reidenberg MM:** Effect of thyroparathyroidectomy on skeletal sodium metabolism in the rat. Endocrinology 85:175-6, Jul 69
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *BONE AND BONES, metabolism/ FEMALE/ *HYPONATREMIA, metabolism/ *PARATHYROID GLANDS, physiology/ PARATHYROID HORMONE, physiology/ RATS/ *SODIUM, metabolism/ THYROCALCITONIN, physiology/ THYROID GLAND, physiology/ *THYROIDECTOMY

694. **Colizzi E:** Patologia corticosurrenale e patologia ginecologica.
Quad Clin Ostet Ginec 23:209-23, Mar 68 **(Ita)**
ADOLESCENCE/ *ADRENAL CORTEX HORMONES, therapeutic use/ *ADRENAL GLAND DISEASES, complications/ *ADRENOGENITAL SYNDROME, complications/ ADULT/ *CUSHING'S SYNDROME, complications/ FEMALE/ *GYNECOLOGIC DISEASES, complications/ HUMAN/ *STEIN-LEVENTHAL SYNDROME, complications

695. **Collins DC, Layne DS:** The formation by the rabbit of N-acetylglucosaminides of steroid phenolic sulfates.
Steroids 13:783-92, Jun 69
*ACYLTRANSFERASES, metabolism/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, THIN LAYER/ ESTRADIOL, urine/ *ESTROGENIC

SUBSTANCES, CONJUGATED, urine/ *ESTRONE, metabolism/ ESTRONE, urine/ *HEXOSAMINES, urine/ IN VITRO/ *LIVER, enzymology/ *MICROSOMES, enzymology/ RABBITS/ SULFATES, metabolism/ SULFUR ISOTOPES/ TRITIUM

696. **Collins KJ, Few JD, Forward TJ, et al:** Stimulation of adrenal glucocorticoid secretion in man by raising the body temperature.
J Physiol (London) 202:645-60, Jun 69
*ADRENAL GLANDS, secretion/ *BODY TEMPERATURE/ CORTICOSTERONE, blood/ *FEVER, metabolism/ *GLUCOCORTICOIDS, secretion/ HEAT/ HUMAN/ HYDROCORTISONE, analysis/ HYDROCORTISONE, blood/ HYDROCORTISONE, metabolism/ 17-HYDROXYCORTICOSTEROIDS, urine/ MALE/ SWEAT, analysis/ TRITIUM

697. **Colombo JA:** Ovarian hypertrophy after unilateral ovariectomy in immature testosteronetreated rats.
Acta Physiol Lat Amer 17:247-9, 1967
ANIMAL EXPERIMENTS/ CASTRATION/ FEMALE/ HYPERTROPHY/ ORGAN WEIGHT/ *OVARY, physiology/ RATS/ TESTOSTERONE, pharmacodynamics

698. **Colvin GB, Sawyer CH:** Induction of running activity by intracerebral implants of estrogen in overiectomized rats.
Neuroendocrinology 4:309-20, 1969
ANIMAL EXPERIMENTS/ CASTRATION/ *ESTRADIOL, pharmacodynamics/ FEMALE/ *HYPOTHALAMUS, drug effects/ *MOTOR ACTIVITY/ OVARY, surgery/ RATS/ STEREOTAXIC TECHNICS

699. **Comings DE:** Incorporation of tritium of 3H-arginine into DNA as the explanation of "late synthesis of protein" on the human X chromosome.
Nature (London) 221:570, 8 Feb 69
*ARGININE, metabolism/ *DNA REPLICATION/ FEMALE/ HUMAN/ LYMPHOCYTES, metabolism/ *SEX CHROMATIN, metabolism/ *TIME/ TISSUE CULTURE/ TRITIUM

700. **Common RH, Mathur RS, Mulay S, et al:** Distribution patterns of in vivo conversion products of injected estradiol-17-beta-4-14C and estrone-4-14C in the urines of the nonlaying and laying hen.
Canad J Biochem 47:539-45, May 69
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHICKENS/ CRYSTALLIZATION/ *ESTRADIOL, metabolism/ ESTRADIOL, urine/ *ESTRONE, metabolism/ ESTRONE, urine/ FEMALE/ OVULATION/ STEROLS, urine/ URETER, physiology

701. **Condliffe PG, Mochizuki M, Fontaine YA, et al:** Purification and properties of thyrotropin from functional pituitary tumors in mice.
Endocrinology 85:453-64, Sep 69
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, ION EXCHANGE/ DEAE-CELLULOSE/ ELECTRIC CONDUCTIVITY/ ELECTROPHORESIS, DISK/ FREEZE DRYING/ GEL FILTRATION/ METHYLCELLULOSE/ MICE/ MOLECULAR WEIGHT/ NEOPLASM TRANSPLANTATION/ NEOPLASMS, EXPERIMENTAL/ *PITUITARY NEOPLASMS/ THYROID GLAND, radiation effects/ THYROTROPIN, analysis/ *THYROTROPIN, isolation & purification

702. **Condliffe PG, Mochizuki M, Fontaine YA, et al:** Purification and properties of thyrotropin from functional pituitary tumors in mice.
Endocrinology 85:453-64, Sep 69
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, ION EXCHANGE/ DEAE-CELLULOSE/ ELECTRIC CONDUCTIVITY/ ELECTROPHORESIS, DISK/ FREEZE DRYING/ GEL FILTRATION/ METHYLCELLULOSE/ MICE/ MOLECULAR WEIGHT/ NEOPLASM TRANSPLANTATION/ NEOPLASMS, EXPERIMENTAL/ PITUITARY NEOPLASMS/ THYROID GLAND, radiation effects/ THYROTROPIN, analysis/ THYROTROPIN, isolation & purification

703. **Condon RE, Kendall LW:** Malignancy in thyroid nodules. Lancet 2:109, 12 Jul 69
HUMAN/ ILLINOIS/ *THYROID NEOPLASMS, occurrence

704. **Conn JW:** Postural augmentation of renal vein renin activity. JAMA 209:417-8, 21 Jul 69
HUMAN/ HYPERTENSION, RENAL, diagnosis/ *POSTURE/ *RENAL ARTERY OBSTRUCTION, diagnosis/ RENAL VEINS/ *RENIN, blood

705. **Conroy JP:** Smoking and the anesthetic risk.
Anesth Analg (Cleveland) 48:388-400, May-Jun 69
ADRENAL GLANDS, physiopathology/ ADULT/ *ANESTHESIA/ CEREBROVASCULAR DISORDERS, etiology/ HEART DISEASES, etiology/ HUMAN/ LUNG DISEASES, etiology/ LUNG NEOPLASMS, etiology/ MALE/ NEUROMUSCULAR JUNCTION/ NICOTINE/ POSTOPERATIVE COMPLICATIONS/ *SMOKING/ SMOKING, complications

706. **Constantinescu E, Dumitru M, Măcău M:** Rolul cadrelor medii sanitare în profilaxia rahitismului şi disrofiei la sugarii din mediul rural.
Munca Sanit 17:339-43, Jun 69 **(Rum)**
DEFICIENCY DISEASES, prevention & control/ HEALTH EDUCATION/ INFANT NUTRITION DISORDERS, prevention & control/ PUBLIC HEALTH NURSING/ RICKETS, prevention & control/ RURAL HEALTH/ SPECIAL LIST NURSING

707. **Constantinidis J, Tissot R, De la Torre JC, et al:** Essai de localisation des monoamines dans l'hypothalamus humain. Path Biol (Paris) 17:361-3, Apr 69 **(Fre)**
ANIMAL EXPERIMENTS/ BRAIN CHEMISTRY/ *DOPAMINE, analysis/ ENGLISH ABSTRACT/ HUMAN/ *HYPOTHALAMUS, analysis/ MICROSCOPY, FLUORESCENCE/ *NOREPINEPHRINE, analysis/ RATS/ *SEROTONIN, analysis

708. **Conti C:** Il problema dell'irsuitismo alla luce delle moderne acquisizioni di fisiopatologia steroidea.
Folia Endocr (Roma) 21:529-58, Oct 68 **(Ita)**
ADOLESCENCE/ *ADRENAL GLAND NEOPLASMS, complications/ *ADRENOGENITAL SYNDROME, complications/ ADULT/ CHILD, PRESCHOOL/ *CUSHING'S SYNDROME, complications/ *ENDOCRINE GLANDS, physiopathology/ FEMALE/ *GYNECOLOGIC NEOPLASMS, complications/ *HIRSUTISM, etiology/ HUMAN/ 17-KETOSTEROIDS, urine/ MALE/ MIDDLE AGE/ PITUITARY-ADRENAL FUNCTION TESTS/ *SEX HORMONES, biosynthesis/ *STEIN-LEVENTHAL SYNDROME, complications/ TESTOSTERONE, blood/ *VIRILISM, etiology

709. **Conti C, Isidori A:** Il problema terapeutico dei nanismi ipofisari. Contributo personale.
Folia Endocr (Roma) 21:559-76, Oct 68 **(Ita)**
ACROMEGALY, blood/ ADOLESCENCE/ *BLOOD TRANSFUSION/ CHILD/ *DWARFISM, PITUITARY, therapy/ ENGLISH ABSTRACT/ GIGANTISM, blood/ *GONADOTROPINS, blood/ HUMAN/ *HYPOPITUITARISM, complications/ INSULIN, pharmacodynamics/ SOMATOTROPIN, blood/ *SOMATOTROPIN, therapeutic use

710. **Convey EM, Reece RP:** Restoration of pituitary lactogen released in response to suckling.
Proc Soc Exp Biol Med 131:543-6, Jun 69
ANIMAL EXPERIMENTS/ FEMALE/ *HYPOTHALAMUS, physiology/ *LACTATION/ METHODS/ PITUITARY GLAND, analysis/ PITUITARY GLAND, physiology/ PROLACTIN, analysis/ *PROLACTIN, metabolism/ RATS/ TIME FACTORS

711. **Conway LW, Collins WF:** Results of trans-sphenoidal cryohypophysectomy for carcinoma of the breast.
New Eng J Med 281:1-7, 3 Jul 69
ADULT/ AGED/ BREAST NEOPLASMS, drug therapy/ BREAST NEOPLASMS, mortality/ BREAST NEOPLASMS, surgery/ *BREAST NEOPLASMS, therapy/ CASTRATION/ *CRYOGENIC SURGERY/ FEMALE/ FOLLOW-UP STUDIES/ HORMONES, therapeutic use/ HUMAN/ *HYPOPHYSECTOMY/ MALE/ MASTECTOMY/ MIDDLE AGE/ NEOPLASM METASTASIS/ OVARY, surgery/ PALLIATIVE TREATMENT/ PROGNOSIS/ SPHENOID SINUS/ STEREOTAXIC TECHNICS

712. **Conway MJ, Goodner CJ, Werrbach JH, et al:** Studies of substrate regulation in fasting. II. Effect of infusion of glucose io the carotid artery upon fasting lipolysis in the baboon. J Clin Invest 48:1349-62, Aug 69
ANIMAL EXPERIMENTS/ CAROTID ARTERIES/ *FASTING/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ *GLUCOSE, administration & dosage/ GLYCERIN, blood/ INJECTIONS, INTRA-ARTERIAL/ INJECTIONS, INTRAVENOUS/ INSULIN, blood/ *LIPIDS, metabolism/ MALE/ MONKEYS/ SOMATOTROPIN, blood/ TIME FACTORS

713. **Cooke AR:** The pyloric antrum as a regulator of gastrointestinal secretions.
Med J Aust 1:933-6, 3 May 69
CHEMISTRY/ *GASTRIC JUICE, secretion/ GASTRIC MUCOSA, secretion/ GASTRIN, analysis/ GASTRIN, blood/ GASTRIN, metabolism/ *GASTRIN, secretion/ HUMAN/ HYPOTHALAMUS, drug effects/ PARASYMPATHOMIMETICS, metabolism/ PEPTIC ULCER, therapy/ *PYLORUS, physiology/ *STOMACH, physiology

714. **Cooley DA, Bloodwell RD, Hallman GL, et al:** Human cardiac transplantation.
Circulation 39:Suppl:3-12, May 69
ADOLESCENCE/ ANTILYMPHOCYTE SERUM/ AZATHIOPRINE, therapeutic use/ FEMALE/ GLUCOCORTICOIDS, therapeutic use/ HEART, transplantation/ HISTOCOMPATIBILITY/ HUMAN/ *IMMUNE SERUMS, therapeutic use/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ *LYMPHOCYTES, immunology/ MALE/ MIDDLE AGE/ TRANSPLANTATION, HOMOLOGOUS, mortality

715. **Cooper JM, Lunn SF:** Cyclic 3',5'-AMP and ovarian ascorbate depletion. J Endocr 43:xxxix-xl, Jan 69
*ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ASCORBIC ACID, metabolism/ GONADOTROPINS, CHORIONIC/ GONADOTROPINS, EQUINE/ LH/ *OVARY, metabolism/ RATS/ THEOPHYLLINE

716. **Cooper LZ, Ziring PR, Weiss HJ, et al:** Transient arthritis after rubella vaccination.
Amer J Dis Child 118:218-25, Aug 69
ADOLESCENCE/ ADULT/ AGE FACTORS/ ANKLE JOINT/ ANTIBODIES, analysis/ *ARTHRITIS, etiology/ CARPAL TUNNEL SYNDROME, etiology/ COMPARATIVE STUDY/ CONTRACEPTIVES, ORAL/ EXANTHEMA, etiology/ FEMALE/ FEVER, etiology/ FOLLOW-UP STUDIES/ GAMMA GLOBULIN, 19S, analysis/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ KNEE JOINT/ LATEX FIXATION TESTS/ LYMPHADENITIS, etiology/ MALE/ MENSTRUATION/ METHODS/ MIDDLE AGE/ NEURALGIA, etiology/ PARESTHESIA, etiology/ *RUBELLA, immunology/ RUBELLA VACCINE, adverse effects/ *RUBELLA VIRUS/ SEX FACTORS/ TIME FACTORS/ VACCINATION/ *VIRAL VACCINES, adverse effects

717. **Cooper RE:** WRED, a siting code to estimate dose probability distribution from measured meteorology data. Health Phys 16:735-8, Jun 69
METHODS/ MODELS, THEORETICAL/ *NOMENCLATURE/ *NUCLEAR REACTORS/ *PROBABILITY/ RADIATION MONITORING/ RADIOACTIVE FALLOUT/ *RADIOMETRY/ THYROID GLAND, radiation effects/ WEATHER

718. **Copp DH:** Calcitonin and parathyroid hormone.
Ann Rev Pharmacol 9:327-44, 1969 (147 ref.)
AGE FACTORS/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BIRDS/ CALCIUM, blood/ CHEMISTRY/ DOGS/ FROGS/ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ NOMENCLATURE/ PARATHYROID GLANDS, anatomy & histology/ *PARATHYROID HORMONE/ PARATHYROID HORMONE, analysis/ PARATHYROID HORMONE, pharmacodynamics/ PARATHYROID HORMONE, secretion/ RABBITS/ RATS/ REVIEW/ SHEEP/ SWINE/ *THYROCALCITONIN/ THYROCALCITONIN, analysis/ THYROCALCITONIN, history/ THYROCALCITONIN, pharmacodynamics/ THYROCALCITONIN, secretion/ THYROID GLAND, anatomy & histology

719. **Coppola G, Linguiti L, Rizzi G, et al:** L'adenocarcinoma funzionante delle ghiandole paratiroidi.
Nunt Radiol 33:1519-38, Dec 67 **(Ita)**
*ADENOCARCINOMA, complications/ ENGLISH ABSTRACT/ HUMAN/ MALE/ MIDDLE AGE/ *OSTEITIS FIBROSA CYSTICA, etiology/ *PARATHYROID NEOPLASMS, complications

720. **Corboz RJ:** Aspects biologiques et conséquences psychologiques d'une puberté tardive.
Acta Paedopsychiat (Basel) 35:282-5, Oct 68 **(Fre)**
ADOLESCENCE/ CHILD/ *CHILD BEHAVIOR DISORDERS/ *CHILD DEVELOPMENT DEVIATIONS/ HOSPITAL OUTPATIENT CLINICS/ HUMAN/ *INFANTILISM/ PSYCHOPHYSIOLOGIC DISORDERS/ *PUBERTY

721. **Corday E, Lillehei RC:** Pressor agents in cardiogenic shock. Amer J Cardiol 23:900-10, Jun 69
ANIMAL EXPERIMENTS/ ANURIA, etiology/ AORTIC VALVE, surgery/ BLOOD FLOW VELOCITY/ BLOOD PRESSURE, drug effects/ BLOOD VISCOSITY, drug effects/ BLOOD VOLUME, drug effects/ CARDIAC OUTPUT, drug effects/ COLLATERAL CIRCULATION/ CORONARY VESSELS, drug effects/ DEXTRAN, therapeutic use/ DIGITALIS GLYCOSIDES, therapeutic use/ DOGS/ DOPAMINE, therapeutic use/ EPINEPHRINE, blood/ *HEART DISEASES, drug therapy/ HEART VALVE PROSTHESIS/ HUMAN/ HYDROCORTISONE, administration & dosage/ ISCHEMIA/ LACTATES, blood/ METARAMINOL, therapeutic use/ METHYLPREDNISOLONE, administration & dosage/ NOREPINEPHRINE, blood/ NOREPINEPHRINE, therapeutic use/ OXYGEN CONSUMPTION, drug effects/ PHENOXYBENZAMINE, administration & dosage/ *SHOCK, drug therapy/ SKIN, blood supply/ TEMPERATURE/ TIME FACTORS/ TRICUSPID VALVE, surgery/ VASCULAR RESISTANCE, drug effects/ *VASOCONSTRICTOR AGENTS, therapeutic use

722. **Corin-Frederic J:** Technique amelioree pour l'etude des meioses males et en particulier du mode d'association des gonosomes. Genetica 39:345-50, 1968 **(Fre)**
ANIMAL EXPERIMENTS/ *CYTOGENETICS/ EDENTATA/ HISTOLOGICAL TECHNICS/ HYPOTONIC SOLUTIONS/ ISOTONIC SOLUTIONS/ MALE/ *MEIOSIS/ METHODS/ RATS/ *SEX CHROMOSOMES

723. **Corker CS, Exley D:** Competitive protein binding assay of 17-beta-oestradiol in human peripheral plasma.
J Endocr 43:xxx, Jan 69
CHROMATOGRAPHY, THIN LAYER/ *ESTRADIOL, blood/ FEMALE/ HUMAN/

*MENSTRUATION/ METHODS/ PROTEIN BINDING/ TISSUE EXTRACTS/ UTERUS

724. **Corker CS, Naftolin F, Exley D:** Interrelationship between plasma luteinizing hormone and oestradiol in the human menstrual cycle.
Nature (London) 222:1063, 14 Jun 69
*ESTRADIOL, blood/ *LH, blood/ *MENSTRUATION/ PERIODICITY/ RADIOIMMUNOASSAY

725. **Corkery PF:** Bone and tooth cutting in oral surgery. A review of methods in current use.
J Irish Dent Ass 15:27-30, Apr-May 69
BONE AND BONES, surgery/ DENTAL HIGH SPEED TECHNIC/ SPECIAL LIST DENTAL/ SURGERY, ORAL, instrumentation/ SURGERY, ORAL, standards/ TOOTH, surgery

726. **Correale L, Foppiani E, Cappelli G, et al:** Osservazioni preliminari sulla metabolizzazione del cortisolo in soggetti normali trattati con metandrostenolone e quinboione.
Arch Maragliano Pat Clin 25:133-8, Mar-Apr 69 **(Ita)**
ADULT/ *ANABOLIC STEROIDS, pharmacodynamics/ FEMALE/ HUMAN/ *HYDROCORTISONE, metabolism/ MALE/ *METHANDROSTENOLONE, pharmacodynamics/ MIDDLE AGE

727. **Corson JM:** The pathology of rheumatoid arthritis.
Surg Clin N Amer 49:733-40, Aug 69
*ARTHRITIS, RHEUMATOID, pathology/ BONE AND BONES, pathology/ BONE CYST, etiology/ BONE CYST, pathology/ BONE MARROW, pathology/ CARTILAGE, ARTICULAR, pathology/ HUMAN/ NECROSIS, pathology/ SYNOVITIS, pathology/ TENDONS, PARA-ARTICULAR, pathology

728. **Corvaglia E:** Il morbo di Addison nel bambino (contributo clinico)
Riv Clin Pediat 80:615-27, Dec 67 **(Ita)**
ADDISON'S DISEASE, diagnosis/ ADDISON'S DISEASE, drug therapy/ *ADDISON'S DISEASE, etiology/ ADDISON'S DISEASE, metabolism/ AGE FACTORS/ CHILD/ *CORTISONE, therapeutic use/ ELECTROCARDIOGRAPHY/ ELECTROENCEPHALOGRAPHY/ HUMAN/ MALE/ PROGNOSIS

729. **Costiner E, Vaisler L, Simionescu L, et al:** Creşterea glucozei şi scăderea acizilor graşi liberi în perfuzatul de ficat de şobolan izolat sub acţiunea prolactinei ovine. Stud Cercet Endocr 19:487-92, 1968 **(Rum)**
ANIMAL EXPERIMENTS/ *FATTY ACIDS, metabolism/ *GLUCOSE, metabolism/ *LIVER, metabolism/ *PERFUSION/ *PROLACTIN, pharmacodynamics/ RATS/ SHEEP

730. **Counsell RE, Pocha P, Ranade VV, et al:** Tumor localizing agents. VII. Radioiodinated quinoline derivatives. J Med Chem 12:232-6, Mar 69
ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ EYE, analysis/ IODINE ISOTOPES/ KIDNEY, analysis/ LIVER, analysis/ *MELANOMA, drug therapy/ MICE/ MUSCLES, analysis/ QUINOLINES, analysis/ *QUINOLINES, chem synthesis/ *QUINOLINES, therapeutic use/ SKIN, analysis/ THYROID GLAND, analysis

731. **Couraud L, Chevalier P, Bruneteau A, et al:** Le traitement des sténoses trachéales après trachéotomie. Préparation et moment de l'intervention chirurgicale à propos d'une statistique de 15 cas. Presse Med 77:1001-4, 7 Jun 69 **(Fre)**
ADRENAL CORTEX HORMONES, administration & dosage/ ANTIBIOTICS, administration & dosage/ BRONCHODILATOR AGENTS, administration & dosage/ BRONCHOSCOPY/ DILATATION/ ELECTROCOAGULATION/ GRANULOMA/ HUMAN/ PREOPERATIVE CARE/ RESPIRATORY INSUFFICIENCY, drug therapy/ *RESPIRATORY INSUFFICIENCY, etiology/ SUTURE TECHNICS/ TOMOGRAPHY/ TRACHEAL STENOSIS, etiology/ TRACHEAL STENOSIS, radiography/ *TRACHEAL STENOSIS, therapy/ *TRACHEOTOMY, adverse effects

732. **Coutinho EM, De Sousa MB, Wilson KH, et al:** Inhibitory action of a new sympathomimetic amino (DU-21220) on the nongravid uterus.
Amer J Obstet Gynec 104:1053-6, 1 Aug 69
*CARDIOVASCULAR SYSTEM, drug effects/ DEPRESSION, CHEMICAL/ *EPINEPHRINE, pharmacodynamics/ FEMALE/ HEART RATE, drug effects/ HUMAN/ OXYTOCIN, antagonists & inhibitors/ PITUITARY HORMONES, POSTERIOR, antagonists & inhibitors/ STIMULATION, CHEMICAL/ *SYMPATHOMIMETICS, pharmacodynamics/ *UTERUS, drug effects/ VASOPRESSIN, antagonists & inhibitors

733. **Coutts JR, Macnaughton MC, Ross PE:** Steroidogenesis in a case of hydatidiform mole. J Endocr 43:27-8, Jan 69
FEMALE/ HUMAN/ *HYDATIDIFORM MOLE, metabolism/ HYDROXYPROGESTERONE, biosynthesis/ IN VITRO/ *PREGNANCY COMPLICATIONS, metabolism/ *PREGNANEDIOL, biosynthesis/ PREGNANEDIOL, urine/ *PREGNANETRIOL, biosynthesis/ PREGNANETRIOL, urine/ PREGNENOLONE, metabolism/ PROGESTERONE, metabolism/ TISSUE CULTURE/ TRITIUM

734. **Couturier E, Vanhaelst L, Copinschi G, et al:** Maladie d'Addison et crise thyrotoxique.
Presse Med 77:515-6, 22 Mar 69 **(Fre)**
*ADDISON'S DISEASE, complications/ ADDISON'S DISEASE, drug therapy/ ADRENAL GLANDS, immunology/ CORTICOTROPIN, diagnostic use/ CORTISONE, therapeutic use/ DESOXYCORTICOSTERONE, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ GLUCOSE, therapeutic use/ GOITER, complications/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ *HYPERTHYROIDISM, complications/ IODINE, therapeutic use/ IODINE ISOTOPES, therapeutic use/ LONG-ACTING THYROID STIMULATOR, blood/ MALE/ MEPROBAMATE, therapeutic use/ MIDDLE AGE/ RESERPINE, therapeutic use/ THYROID ANTAGONISTS, therapeutic use/ THYROID GLAND, immunology/ THYROID GLAND FUNCTION TESTS

735. **Couturier-Turpin MH:** Cellules entérochromaffines et sérotonine. Presse Med 77:947-9, 28 May 69 **(Fre)**
ANIMAL EXPERIMENTS/ BRADYKININ, secretion/ CHROMAFFIN SYSTEM, cytology/ CHROMAFFIN SYSTEM, drug effects/ CHROMAFFIN SYSTEM, physiology/ *CHROMAFFIN SYSTEM, secretion/ COLON, cytology/ CYTOPLASMIC GRANULES/ GASTRIC MUCOSA, cytology/ GASTROINTESTINAL MOTILITY/ GUINEA PIGS/ HUMAN/ INTESTINAL MUCOSA, cytology/ ISLANDS OF LANGERHANS, secretion/ MICROSCOPY, ELECTRON/ RESERPINE, pharmacodynamics/ *SEROTONIN, biosynthesis/ SEROTONIN, metabolism/ STAINS AND STAINING

736. **Cowdrey SC:** Electrocardiographic changes in a myxedematous college student.
J Amer Coll Health Ass 17:284-6, Feb 69
ADULT/ ELECTROCARDIOGRAPHY/ FEMALE/ *HEART, physiopathology/ HUMAN/ *MYXEDEMA, physiopathology

737. **Cox RK:** Variations in steroid responses following ovarian stimulation in women with amenorrhoea.
J Reprod Fertil 19:386, Jul 69
*AMENORRHEA, drug therapy/ *CLOMIPHENE, therapeutic use/ FEMALE/ *GONADOTROPINS, therapeutic use/ HUMAN/ PREGNANEDIOL, secretion/ *PREGNANES, secretion/ PREGNANES, urine/ PREGNANETRIOL, secretion

738. **Cox RP:** Hormonal induction of increased zinc uptake in mammalian cell cultures: requirement for RNA and protein synthesis. Science 165:196-8, 11 Jul 69

CARBON ISOTOPES/ CYCLOHEXIMIDE, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ *GLUCOCORTICOIDS, pharmacodynamics/ *HELA CELLS, metabolism/ LEUCINE, metabolism/ PROTEINS, biosynthesis/ RNA, biosynthesis/ URIDINE, metabolism/ *ZINC, metabolism

739. **Cox VC, Kakolewski JW, Valenstein ES:** Ventromedial hypothalamic lesions and changes in body weight and food consumption in male and female rats.
J Comp Physiol Psychol 67:320-6, Mar 69
ANIMAL EXPERIMENTS/ *BODY WEIGHT/ EATING/ *FEEDING BEHAVIOR/ FEMALE/ *HYPOTHALAMUS, physiology/ MALE/ RATS/ SEX FACTORS

740. **Craft IL:** Local use of progestogen in cancer.
Brit Med J 3:115, 12 Jul 69
*ADENOCARCINOMA, drug therapy/ ADULT/ FEMALE/ HUMAN/ INJECTIONS/ *MEDROXYPROGESTERONE, administration & dosage/ NEOPLASM METASTASIS/ *PLEURAL NEOPLASMS, drug therapy/ UTERINE NEOPLASMS, drug therapy

741. **Cramer CF, Parkes CO, Copp DH:** The effect of chicken and hog calcitonin on some parameters of Ca, P, and Mg metabolism in dogs.
Canad J Physiol Pharmacol 47:181-4, Feb 69
ANIMAL EXPERIMENTS/ CALCIUM, blood/ *CALCIUM, metabolism/ CALCIUM, urine/ CHICKENS/ DOGS/ FEMALE/ INTESTINAL ABSORPTION, drug effects/ MAGNESIUM, blood/ *MAGNESIUM, metabolism/ MAGNESIUM, urine/ MALE/ PHOSPHORUS, blood/ *PHOSPHORUS, metabolism/ PHOSPHORUS, urine/ SWINE/ *THYROCALCITONIN, pharmacodynamics

742. **Crawford JD:** Setting the stage.
New Eng J Med 280:1475-6, 26 Jun 69
*ARGININE, diagnostic use/ FEMALE/ HUMAN/ MALE/ *PITUITARY GLAND FUNCTION TESTS, standards/ *SOMATOTROPIN, blood/ STIMULATION, CHEMICAL

743. **Crawford JS:** Drug binding by serum albumin. Implications of some recent observations.
Brit J Anaesth 41:543-4, Jun 69
CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INFANT, NEWBORN/ PREGNANCY/ PROTEIN BINDING/ *SALICYLIC ACID, metabolism/ *SERUM ALBUMIN, metabolism/ *SULFANILAMIDE, metabolism/ *SULFOBROMOPHTHALEIN, metabolism

744. **Crawford JS:** Nature of fascia lata and its fate after implantation. Amer J Ophthal 67:900-7, Jun 69
AGE FACTORS/ ANIMAL EXPERIMENTS/ CATTLE/ CONJUNCTIVA, surgery/ CORNEA, immunology/ *CORNEA, surgery/ ELASTICITY/ FASCIA, cytology/ FASCIA, immunology/ FASCIA, radiation effects/ *FASCIA, transplantation/ FIBROBLASTS/ HUMAN/ RABBITS/ RADIATION EFFECTS/ SEX CHROMATIN/ TISSUE CULTURE/ TISSUE PRESERVATION/ TRANSPLANTATION, AUTOLOGOUS/ TRANSPLANTATION, HOMOLOGOUS

745. **Crawford MD, Crawford T:** Lead content of bones in a soft and a hard water area. Lancet 1:699-701, 5 Apr 69
ACCIDENTS/ ADULT/ AGE FACTORS/ AGED/ *BONE AND BONES, analysis/ CALCIUM, analysis/ CORONARY DISEASE, metabolism/ HUMAN/ *LEAD, analysis/ LONDON/ MAGNESIUM, analysis/ MIDDLE AGE/ *MINERALS, analysis/ RIBS, analysis/ SCOTLAND/ *WATER, analysis/ *WATER SUPPLY

746. **Creţeanu G, Pencea V, Zbranca E, et al:** Cercetarea funcţiei tiroidiene la bătrâni cu ajutorul reflexogramei achiliene.
Rev Medicochir Iasi 72:967-70, Oct-Dec 68 **(Rum)**
*ACHILLES TENDON/ AGED/ *AGING, physiology/ ENGLISH ABSTRACT/ HUMAN/ MIDDLE AGE/ *REFLEX, TENDON/ *THYROID DISEASES, diagnosis/ *THYROID GLAND, physiology

747. **Crichton E:** Reproductive biology of an Australian native rat, Mesembriomys gouldii (Gould, 1842).
J Reprod Fertil 19:389-90, Jul 69
ANIMAL EXPERIMENTS/ CORPUS LUTEUM, physiology/ ESTRUS/ FEMALE/ PREGNANCY/ *RATS, physiology/ *REPRODUCTION

748. **Crighel E, Politei I:** Photic evoked responses in patients with thalamic and brain stem lesions.
Confin Neurol 30:301-12, 1968
ADULT/ AGED/ AMPHETAMINE, pharmacodynamics/ BLINDNESS, physiopathology/ BLOOD PRESSURE, drug effects/ *BRAIN DISEASES, physiopathology/ *BRAIN STEM, physiopathology/ CEREBRAL CORTEX, physiopathology/ ELECTROENCEPHALOGRAPHY/ *EVOKED POTENTIALS/ EVOKED POTENTIALS, drug effects/ HEMIANOPSIA, drug therapy/ HUMAN/ HYPOTHALAMUS, physiopathology/ LEUKOENCEPHALITIS, physiopathology/ *LIGHT/ MEDULLA OBLONGATA, physiopathology/ MIDDLE AGE/ PHENOBARBITAL, pharmacodynamics/ PONS, physiopathology/ *THALAMUS, physiopathology/ WALLENBERG'S SYNDROME, physiopathology

749. **Crighton DB, Schneider HP:** Localization of luteinizing hormone-releasing factor in the pre-optic area.
J Reprod Fertil 18:166, Feb 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ ESTROGENS, physiology/ ESTRUS/ FEEDBACK/ FEMALE/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ *HYPOTHALAMUS, analysis/ IN VITRO/ *LH, secretion/ PITUITARY GLAND, secretion/ *PITUITARY HORMONE RELEASING FACTORS, analysis/ RATS/ TISSUE CULTURE

750. **Crisp AH:** Some skeletal measurements in patients with primary anorexia nervosa.
J Psychosom Res 13:125-42, Jun 69
ADOLESCENCE/ ADULT/ *ANOREXIA NERVOSA/ *ANTHROPOMETRY/ ANXIETY/ BODY CONSTITUTION/ BODY HEIGHT/ *BONE AND BONES/ DEPRESSION/ ESTROGENS, analysis/ FEMALE/ GILLES DE LA TOURETTE'S DISEASE/ HUMAN/ ILIUM, anatomy & histology/ MALE/ MENSTRUATION/ MIDDLE AGE/ PARITY/ PELVIMETRY/ PHOBIAS/ PREGNANCY/ SCAPULA, anatomy & histology/ SOCIAL CLASS/ *SOMATOTYPES

751. **Crocker AD, Munday KA:** Factors affecting mucosal water and sodium transfer in everted sacs of rat jejunum. J Physiol (London) 202:329-33, Jun 69
*ALDOSTERONE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ BIOLOGICAL TRANSPORT, ACTIVE/ DACTINOMYCIN, pharmacodynamics/ DIET/ INJECTIONS, INTRAPERITONEAL/ INTESTINAL MUCOSA, metabolism/ JEJUNUM, drug effects/ *JEJUNUM, metabolism/ MALE/ PROTEINS, biosynthesis/ RATS/ *SODIUM, metabolism/ *WATER, metabolism

752. **Crowley LG, Duwe SA:** Current status of the management of patients with endocrine-sensitive tumors. II. Carcinoma of the prostate, endometrium, thyroid, kidney and miscellaneous tumors.
Calif Med 110:139-50, Feb 69 (158 ref.)
BLADDER NEOPLASMS, etiology/ CASTRATION/ ENDOMETRIUM/ *ESTROGENS, adverse effects/ ESTROGENS, therapeutic use/ FEMALE/ HUMAN/ KIDNEY NEOPLASMS, chemically induced/ *KIDNEY NEOPLASMS, etiology/ MALE/ OVARIAN NEOPLASMS, drug therapy/ PROGESTATIONAL HORMONES, therapeutic use/ *PROSTATIC NEOPLASMS, drug therapy/ REVIEW/ THYROID

NEOPLASMS, chemically induced/ *THYROID NEOPLASMS, etiology/ UTERINE NEOPLASMS, chemically induced/ UTERINE NEOPLASMS, drug therapy/ *UTERINE NEOPLASMS, etiology

753. **Cryer PE, Jarett L, Kipnis DM:** Nucleotide inhibition of adenyl cyclase activity in fat cell membranes.
Biochim Biophys Acta 177:586-90, 6 May 69
*ADENINE NUCLEOTIDES/ ADENOSINE CYCLIC 3',5'-PHOSPHATE/ ADENYL CYCLASE, antagonists & inhibitors/ *ADIPOSE TISSUE, enzymology/ ADRENAL GLANDS, enzymology/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ *CELL MEMBRANE, enzymology/ CYTOSINE NUCLEOTIDES, pharmacodynamics/ DEPRESSION, CHEMICAL/ *ENZYMES, antagonists & inhibitors/ EPIDIDYMIS/ EPINEPHRINE, pharmacodynamics/ FLUORIDES, pharmacodynamics/ GUANINE NUCLEOTIDES, pharmacodynamics/ IN VITRO/ INSULIN, pharmacodynamics/ KIDNEY, enzymology/ MALE/ NUCLEOSIDES, pharmacodynamics/ *NUCLEOTIDES, pharmacodynamics/ RATS/ STIMULATION, CHEMICAL/ URACIL NUCLEOTIDES, pharmacodynamics

754. **Csaba G, Dunay C, Fischer J, et al:** Hormonal relationships of mastocytogenesis in lymphatic organs. 3. Effect of the pineal body-thyroid-thymus system on mast cell production.
Acta Anat (Basel) 71:565-80, 1968
ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ IMMUNE TOLERANCE/ LYMPH NODES, physiology/ MALE/ *MAST CELLS/ METHODS/ *PINEAL BODY, physiology/ RATS/ THYMECTOMY/ *THYMUS GLAND, physiology/ *THYROID GLAND, physiology/ THYROIDECTOMY

755. **Csaba G, Péter I, Kiss J:** Uber die endokrine Regelung des Blut-Kalziumspiegels. I. Anteilnahem des Thymus in der Ratt.
Acta Med Acad Sci Hung 26:179-86, 1969 (Ger)
ANIMAL EXPERIMENTS/ *CALCIUM, blood/ *CALCIUM, metabolism/ PARATHYROID GLANDS, physiology/ RATS/ THYMECTOMY/ *THYMUS GLAND, physiology/ THYROID GLAND, physiology/ THYROIDECTOMY

756. **Csaba G, Surján L Jr, Fischer J, et al:** On the mechanism of mast cell formation. Effect of glucocorticoids on the mast cells of normal and thymectomized rats.
Acta Biol Acad Sci Hung 20:57-74, 1969
ANIMAL EXPERIMENTS/ *GLUCOCORTICOIDS, pharmacodynamics/ HISTOCYTOCHEMISTRY/ *MAST CELLS/ MAST CELLS, cytology/ MAST CELLS, drug effects/ MAST CELLS, metabolism/ MICROSCOPY, ELECTRON/ MICROSCOPY, FLUORESCENCE/ RATS/ SULFATES, metabolism/ SULFUR ISOTOPES/ THYMECTOMY/ *THYMUS GLAND, physiology

757. **Csaba I, Bücs G:** Kann zwischen dem Hirsutismus und den morphologischen Veränderungen des polyzystischen Ovariums ein Zusammenhang nachgewiesen werden?
Acta Med Acad Sci Hung 26:47-56, 1969 (Ger)
ADOLESCENCE/ ADULT/ ESTROGENS, secretion/ FEMALE/ *HIRSUTISM, etiology/ HUMAN/ HYPERPLASIA/ METHODS/ OVARY, pathology/ STEIN-LEVENTHAL SYNDROME, complications/ *STEIN-LEVENTHAL SYNDROME, pathology/ STEIN-LEVENTHAL SYNDROME, physiopathology

758. **Csapo A:** The luteo-placental shift, the guardian of pre-natal life. Postgrad Med J 45:57-64, Jan 69
ANIMAL EXPERIMENTS/ *CORPUS LUTEUM, physiology/ ELECTROPHYSIOLOGY/ FEMALE/ HUMAN/ OXYTOCIN, pharmacodynamics/ *PLACENTA, physiology/ *PREGNANCY/ PRESSURE/ *PROGESTERONE, biosynthesis/ RABBITS/ RATS/ UTERUS, physiology

759. **Cuarón A:** Determination of serum thyroxine by saturation analysis of thyroxine binding proteins.
J Nucl Med 10:532-9, Aug 69
FEMALE/ GEL FILTRATION/ HUMAN/ *HYPERTHYROIDISM, blood/ *HYPOTHYROIDISM, blood/ IODINE ISOTOPES, DIAGNOSTIC/ METHODS/ *PREGNANCY/ PROTEIN-BOUND IODINE TEST/ *THYROXINE, blood/ *THYROXINE-BINDING PROTEIN, diagnostic use

760. **Cukier J, Benhamou G:** L'hématocèle traumatique est une indication opératoire.
Presse Med 77:633-4, 5 Apr 69 (Fre)
ADULT/ HEMATOCELE, pathology/ *HEMATOCELE, surgery/ HUMAN/ MALE/ *TESTIS, injuries/ TESTIS, pathology

761. **Cullen JF:** Ischaemic optic neuropathy.
Trans Ophthal Soc UK 87:759-74, 1967
AGED/ ARTERIOSCLEROSIS, complications/ FEMALE/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ *ISCHEMIA/ ISCHEMIA, diagnosis/ ISCHEMIA, drug therapy/ ISCHEMIA, etiology/ MALE/ MIDDLE AGE/ OPTIC NERVE, blood supply/ *OPTIC NEURITIS/ OPTIC NEURITIS, diagnosis/ OPTIC NEURITIS, drug therapy/ OPTIC NEURITIS, etiology/ PAPILLEDEMA/ TEMPORAL ARTERITIS, complications

762. **Cullen JW, Scarborough BB:** Effect of a preoperative sugar preference on bar pressing for salt by the adrenalectomized rat.
J Comp Physiol Psychol 67:415-20, Apr 69
*ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ *CARBOHYDRATES/ *CONDITIONING, OPERANT/ *FOOD PREFERENCES/ HABITS/ MALE/ RATS/ REINFORCEMENT (PSYCHOLOGY)/ *SODIUM CHLORIDE

763. **Cullen MP, Tarver H, Margen S:** The preparation of serum albumin for turnover studies.
Arch Biochem 132:351-2, Jun 69
AMINOBUTYRIC ACID/ ANIMAL EXPERIMENTS/ BLOOD PROTEIN ELECTROPHORESIS/ CARBON ISOTOPES/ CHEMISTRY/ DRUG STABILITY/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ HUMAN/ *IODINE/ IODINE ISOTOPES/ METHODS/ PROTEIN BINDING/ RATS/ *SERUM ALBUMIN/ TIME FACTORS

764. **Cullen SI, Harris DE, Carter CH, et al:** Congenital unilateral ichthyosiform erythroderma.
Arch Derm (Chicago) 99:724-9, Jun 69
ABNORMALITIES, MULTIPLE, diagnosis/ BIOPSY/ BONE AND BONES, abnormalities/ ECHOENCEPHALOGRAPHY/ FEMALE/ HUMAN/ *ICHTHYOSIS, congenital/ ICHTHYOSIS, pathology/ INFANT/ KIDNEY, abnormalities/ SKIN, abnormalities

765. **Cummings RV, Rourke JE, Shelley TF:** Serial rapid assay of total urinary estrogens in pregnancy.
Amer J Obstet Gynec 104:1047-52, 1 Aug 69
CREATININE, urine/ *ESTROGENS, urine/ FEMALE/ FETAL DISEASES, diagnosis/ FETAL DISEASES, urine/ HUMAN/ METHODS/ PREGNANCY/ TIME FACTORS

766. **Cumsille E, Agar R, Waisberg E, et al:** Córtico y antienzimoterapia preventiva y tardía en la pancreatitis aguda experimental.
Rev Med Chile 96:239-45, Apr 68 (Spa)
ACUTE DISEASE/ ADRENAL CORTEX HORMONES, therapeutic use/ ANIMAL EXPERIMENTS/ DOGS/ ENGLISH ABSTRACT/ *PANCREATITIS, drug therapy/ PANCREATITIS, prevention & control/ *TRYPSIN INHIBITORS, pharmacodynamics

767. **Cunliffe WJ, Menon IS:** Treatment of Behcet's syndrome with phenformin and ethyloestrenol.
Lancet 1:1239-40, 21 Jun 69
ADULT/ *BEHCET'S SYNDROME, drug therapy/ *ETHYLESTRENOL, therapeutic use/ FIBRINOLYSIS, drug effects/ HEPARIN,

therapeutic use/ HUMAN/ LEG ULCER, drug therapy/ MALE/ *PHENFORMIN, therapeutic use/ PHENINDIONE, therapeutic use/ SKIN ULCER, drug therapy/ THROMBOPHLEBITIS, drug therapy

768. **Cunliffe WJ, Shuster S:** Pathogenesis of acne.
Lancet 1:685-7, 5 Apr 69
*ACNE, etiology/ ADOLESCENCE/ ADULT/ AGE FACTORS/ CHILD/ FEMALE/ HUMAN/ MALE/ PUBERTY/ SEBORRHEA, complications/ *SEBUM, secretion/ SEX FACTORS/ VISCOSITY

769. **Cunningham MP, Slaughter DP:** Surgical disease of the thyroid in pregnancy.
Proc Inst Med Chicago 27:213-4, Mar 69
FEMALE/ HUMAN/ *HYPERTHYROIDISM, surgery/ PREGNANCY/ *PREGNANCY COMPLICATIONS, surgery/ *THYROID NEOPLASMS, surgery

770. **Currey JD:** The effect of protection on the impact strength of rabbits' bones.
Acta Anat (Basel) 71:87-93, 1968
ANIMAL EXPERIMENTS/ *BIOMECHANICS/ *BONE AND BONES, physiology/ BONE MARROW, physiology/ METATARSUS, physiology/ METHODS/ RABBITS/ SKIN, physiology

771. **Curtis CF:** An attempt to produce chromosome translocations in Glossina austeni.
Trans Roy Soc Trop Med Hyg 63:129-30, 1969
ANIMAL EXPERIMENTS/ *CHROMOSOME ABERRATIONS/ FEMALE/ FERTILITY/ INSECT CONTROL/ MALE/ *RADIATION EFFECTS/ SEX CHROMOSOMES/ *TSETSE FLIES, radiation effects

772. **Curtis DR, Crawford JM:** Central synaptic transmission--microelectrophoretic studies.
Ann Rev Pharmacol 9:209-40, 1969 (205 ref.)
ACETYLCHOLINE, pharmacodynamics/ AMINO ACIDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ BRAIN STEM, drug effects/ CATECHOLAMINES, pharmacodynamics/ CATS/ CEREBELLUM, drug effects/ CEREBRAL CORTEX, drug effects/ *ELECTROPHORESIS/ GANGLIA, BASAL, drug effects/ HYPOTHALAMUS, drug effects/ INDOLES, pharmacodynamics/ LIMBIC SYSTEM, drug effects/ *NEURAL TRANSMISSION, drug effects/ NEUROMUSCULAR JUNCTION/ *NEURONS, drug effects/ REVIEW/ SPINAL CORD, drug effects/ *SYNAPSES, drug effects/ THALAMUS, drug effects

773. **(Cushing H), Clein LJ:** Harvey Cushing (1869-1939): a centennial appreciation. Canad J Surg 12:269-74, Jul 69
HISTORICAL ARTICLE/ HISTORICAL BIOGRAPHY/ HISTORY OF MEDICINE, 19TH CENT./ HISTORY OF MEDICINE, 20TH CENT./ HYPOPHYSECTOMY, history/ *NEUROSURGERY, history/ UNITED STATES

774. **Czirner J, Besznyák G:** Myokardinfarktähnliches Bild als seltene Komplikation nach Applikation von Tetanus-Antitoxin.
Z Ges Inn Med 24:119-21, 15 Feb 69 (Ger)
ACCIDENTS, TRAFFIC/ ADULT/ ANAPHYLAXIS, drug therapy/ *ANAPHYLAXIS, etiology/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ *FIBULA, injuries/ FRACTURES/ GLUCOCORTICOIDS, therapeutic use/ GLYCOSIDES, therapeutic use/ HUMAN/ MALE/ *MYOCARDIAL INFARCT, etiology/ PLASMA SUBSTITUTES, therapeutic use/ TETANUS, prevention & control/ *TETANUS ANTITOXIN, adverse effects/ TETANUS ANTITOXIN, therapeutic use

D

775. **Dacić Z:** Zytologische Portiobefunde während der Therapie mit oralen Ovulationshemmern.
Med Welt 51:3110-1, 23 Dec 67 (Ger)
ADOLESCENCE/ ADULT/ *CERVIX DISEASES, chemically induced/ *CERVIX UTERI, drug effects/ COLPOSCOPY/ *CONTRACEPTIVES, ORAL, adverse effects/ CYTODIAGNOSIS/ EPITHELIUM, drug effects/ ETHINYL ESTRADIOL, adverse effects/ FEMALE/ HUMAN/ MESTRANOL, adverse effects/ NORETHINDRONE, adverse effects/ VAGINAL SMEARS

776. **Dafny N, Feldman S:** Effects of stimulating reticular formation, hippocampus and septum on single cells in the posterior hypothalamus.
Electroenceph Clin Neurophysiol 26:578-87, Jun 69
ANIMAL EXPERIMENTS/ BRAIN STEM, physiology/ CATS/ *CEREBRAL VENTRICLES, physiology/ ELECTRIC STIMULATION/ EVOKED POTENTIALS/ *HIPPOCAMPUS, physiology/ *HYPOTHALAMUS, physiology/ LIGHT/ *MESENCEPHALON, physiology/ *NEURONS, physiology/ NOISE/ *RETICULAR FORMATION, physiology/ SCIATIC NERVE, physiology

777. **Dahlkvist G, Lindstedt S, Tiselius HG:** Studies on the distribution and elimination of [3H8] pyridoxine in mice. Acta Physiol Scand 75:427-32, Mar 69
ANIMAL EXPERIMENTS/ BONE AND BONES, analysis/ BRAIN CHEMISTRY/ INJECTIONS, INTRAVENOUS/ INTESTINES, analysis/ KIDNEY, analysis/ LIVER, analysis/ LUNG, analysis/ MICE/ MUSCLES, analysis/ MYOCARDIUM, analysis/ *PYRIDOXINE, metabolism/ SPLEEN, analysis/ TIME FACTORS/ TRITIUM

778. **Dailey JE, Marcuse PM:** Gonadotropin secreting giant cell carcinoma of the lung. Cancer 24:388-96, Aug 69
ATROPHY/ BREAST, pathology/ CARCINOMA, complications/ *CARCINOMA, metabolism/ CARCINOMA, pathology/ CARCINOMA, radiography/ CEREBELLAR NEOPLASMS, pathology/ CYTOPLASMIC GRANULES/ *GONADOTROPINS, CHORIONIC, secretion/ GONADOTROPINS, CHORIONIC, urine/ GYNECOMASTIA, etiology/ GYNECOMASTIA, pathology/ *HORMONES, ECTOPIC, secretion/ HUMAN/ HYPERPLASIA/ LUNG NEOPLASMS, complications/ *LUNG NEOPLASMS, metabolism/ LUNG NEOPLASMS, pathology/ LUNG NEOPLASMS, radiography/ LUNG NEOPLASMS, surgery/ MALE/ MEDIASTINAL NEOPLASMS, radiography/ MIDDLE AGE/ NEOPLASM METASTASIS/ PITUITARY GLAND, pathology/ TESTIS, pathology/ TUBERCULOSIS, PULMONARY, complications

779. **Dalcq AM:** Manifestations de spécificité observables par la détection des phosphohydrolases dans les empreintes testiculaires de rogeurs.
C R Acad Sci [D] (Paris) 268:1868-73, 9 Apr 69 (Fre)
ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ HAMSTERS/ HISTOCYTOCHEMISTRY/ LEYDIG CELLS, cytology/ *LEYDIG CELLS, enzymology/ MALE/ METHODS/ MICE/ NUCLEOSIDES/ NUCLEOTIDES/ *PHOSPHATASES, metabolism/ PYROPHOSPHATASE, metabolism/ RATS/ *SEMINAL VESICLES, enzymology/ SERTOLI CELLS, cytology/ *SERTOLI CELLS, enzymology/ THIAMINE PYROPHOSPHATE

780. **Dalgaard JB, Gregersen M:** Koronartrombose under oral antikonception.
Nord Med 81:273-9, 27 Feb 69 (Dan)
ADULT/ AGE FACTORS/ *CONTRACEPTIVES, ORAL, adverse effects/ *CORONARY DISEASE, etiology/ ENGLISH ABSTRACT/ FEMALE/ FORENSIC MEDICINE/ GOITER, complications/ HUMAN/ MALE/ OVARIAN CYSTS, complications/ THROMBOPHLEBITIS, etiology/ THROMBOSIS, etiology

781. **Daly RF:** Neurological abnormalities in XYY males.
Nature (London) 221:472-3, 1 Feb 69
ADULT/ BODY HEIGHT/ CHILD/ HUMAN/ MALE/ *MENTAL DISORDERS, complications/ *MOVEMENT DISORDERS, complications/

*SEX CHROMOSOME ABNORMALITIES, complications/ SOMATOTYPES/ TREMOR, complications

782. **Dambrosio F, Fontana G, Iurlaro R, et al:** La nostra esperienza nella terapia del carcinoma ovarico.
Minerva Ginec 21:334-8, 31 Mar 69 (Ita)
ADULT/ AGED/ FEMALE/ HUMAN/ MIDDLE AGE/ *OVARIAN NEOPLASMS, therapy/ PROGNOSIS

783. **Damian A:** Coexistenţa unui adenocarcinom tiroidian cu o tumoră malignă mediastinală.
Stud Cercet Endocr 19:525-8, 1968 (Rum)
*ADENOCARCINOMA, complications/ ADULT/ HUMAN/ MALE/ *MEDIASTINAL NEOPLASMS, complications/ *NEOPLASMS, MULTIPLE PRIMARY/ *THYROID NEOPLASMS, complications

784. **Damian A, Simionescu N, Scherzer M, et al:** Modificările structurii tiroidiene şi ale iodului hormonal (PBI) în hipercorticismul experimental şi evoluţia lor după suprarenalectomia subtotală.
Stud Cercet Endocr 19:493-6, 1968 (Rum)
*ADRENAL GLAND HYPERFUNCTION, complications/ *ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *IODINE, metabolism/ PROTEIN-BOUND IODINE TEST/ RABBITS/ *THYROID DISEASES, etiology/ THYROID GLAND, pathology

785. **Dao TL, Libby PR:** Conjugation of steroid hormones by breast cancer tissue and selection of patients for adrenalectomy. Surgery 66:162-6, Jul 69
*ADRENALECTOMY/ AGED/ *BREAST NEOPLASMS, metabolism/ *BREAST NEOPLASMS, therapy/ *DEHYDROEPIANDROSTERONE, metabolism/ *ESTRADIOL, metabolism/ *ESTRONE, metabolism/ HUMAN/ LIVER, metabolism/ LIVER NEOPLASMS, metabolism/ MIDDLE AGE/ NEOPLASM METASTASIS/ *PREGNENOLONE, metabolism/ SULFUR ISOTOPES/ *SULFURIC ACIDS, metabolism/ *TESTOSTERONE, metabolism

786. **Dao TL, Libby PR:** Conjugation of steroid hormones by breast-cancer tissue and selection of patients for adrenalectomy. Brit J Surg 56:627, Aug 69
*ADRENALECTOMY/ *BREAST NEOPLASMS, enzymology/ *DEHYDROEPIANDROSTERONE, metabolism/ *ESTRADIOL, metabolism/ ESTROGENIC SUBSTANCES, CONJUGATED, biosynthesis/ FEMALE/ HUMAN/ NEOPLASM METASTASIS, surgery

787. **Dapunt O, Ganner E:** Triplo-X-females. Gonosomale Trisomie mit fakultativer geistiger und sexueller Minderentwicklung.
Munchen Med Wschr 110:1006-11, 19 Apr 68 (Ger)
ADNEXA UTERI, pathology/ ADULT/ *CHROMOSOMES, HUMAN, 6-12/ FEMALE/ *GENITALIA, FEMALE/ HUMAN/ INTELLIGENCE TESTS/ KARYOTYPING/ *MENTAL RETARDATION, familial & genetic/ SEX CHROMATIN/ SEX DISORDERS, etiology/ *TRISOMY

788. **Dardenne MU:** Experimentelle Untersuchungen über Wesen und Beeinflussung der endokrinen Orbitopathie.
Ber Deutsch Ophth Ges 68:234-9, 1968 (Ger)
ANIMAL EXPERIMENTS/ CYPRINIDAE/ *ENDOCRINE DISEASES, diagnosis/ ESTRADIOL, therapeutic use/ EXOPHTHALMOS, blood/ *EXOPHTHALMOS, diagnosis/ EXOPHTHALMOS, drug therapy/ EXOPHTHALMOS PRODUCING SUBSTANCE, blood/ FEMALE/ HUMAN/ METHODS/ SERODIAGNOSIS/ THYROXINE, therapeutic use

789. **Daro AF, Gollin HA, Skul V:** Clinical evaluation of posterior pituitary extract in psychiatric disorders relating to obstetrics and gynecology.
Int Surg 51:488-94, Jun 69
ADULT/ *ANXIETY, drug therapy/ *DEPRESSION, drug therapy/ FEMALE/ GYNECOLOGY/ HUMAN/ MIDDLE AGE/ OBSTETRICS/ *PITUITARY GLAND, POSTERIOR/ *TISSUE EXTRACTS, therapeutic use/ TRANQUILIZING AGENTS, therapeutic use

790. **Das G:** Extradural spinal cyst, mechanism of spinal cord compression.
New York J Med 69:959-64, 1 Apr 69 (28 ref.)
ADOLESCENCE/ ADULT/ AGED/ BONE AND BONES, pathology/ CHILD/ *CYSTS, complications/ CYSTS, congenital/ CYSTS, pathology/ DURA MATER/ FEMALE/ HUMAN/ KYPHOSIS, etiology/ MALE/ MIDDLE AGE/ MYELOGRAPHY/ OSMOTIC PRESSURE/ PRESSURE/ REVIEW/ *SPINAL CORD COMPRESSION, etiology/ *SPINAL CORD DISEASES, complications

791. **Das Gupta TK:** The anatomy of the pineal organ in the syrian hamster. Acta Anat (Basel) 71:28-35, 1968
ANIMAL EXPERIMENTS/ CYTOPLASM/ FEMALE/ HAMSTERS/ MALE/ MICROSCOPY, ELECTRON/ NEURONS/ *PINEAL BODY, cytology

792. **Das Gupta TK, Brasfield RD, Strong EW, et al:** Benign solitary Schwannomas (neurilemomas).
Cancer 24:355-66, Aug 69
ADOLESCENCE/ ADULT/ AGED/ ARM/ BREAST NEOPLASMS, pathology/ CERVIX NEOPLASMS, pathology/ CHEEK/ CHILD/ CHILD, PRESCHOOL/ FACIAL NEOPLASMS, pathology/ FEMALE/ HAND, radiography/ HUMAN/ INFANT/ LEG/ LIP NEOPLASMS, pathology/ MALE/ MAXILLARY NEOPLASMS, pathology/ MEDIAN NERVE, pathology/ MELANOMA, pathology/ MIDDLE AGE/ NECK NEOPLASMS, pathology/ NEOPLASMS, pathology/ NEURILEMMOMA, occurrence/ *NEURILEMMOMA, pathology/ NEURILEMMOMA, surgery/ NOSE NEOPLASMS, pathology/ PALATAL NEOPLASMS, pathology/ PAROTID NEOPLASMS, pathology/ PHARYNGEAL NEOPLASMS, pathology/ SCALP, pathology/ SKIN NEOPLASMS, pathology/ THYROID NEOPLASMS, pathology/ TONGUE NEOPLASMS, pathology/ UTERINE NEOPLASMS, pathology

793. **Dass CM, Mohla S, Prasad MR:** Time sequence of action of estrogen on nucleic acid and protein synthesis in the uterus and blastocyst during delayed implantation in the rat. Endocrinology 85:528-36, Sep 69
ANIMAL EXPERIMENTS/ CASTRATION/ *DNA, biosynthesis/ *ESTRADIOL, pharmacodynamics/ ESTROGENS, physiology/ FEMALE/ *NIDATION/ NUCLEOSIDES, metabolism/ OVARY, surgery/ OVUM, drug effects/ *OVUM, metabolism/ PHENYLALANINE, metabolism/ PREGNANCY/ PREGNANCY, ANIMAL/ PROGESTERONE, pharmacodynamics/ *PROTEINS, biosynthesis/ RADIOAUTOGRAPHY/ RATS/ RNA, biosynthesis/ STIMULATION, CHEMICAL/ THYMIDINE, metabolism/ TIME FACTORS/ TRITIUM/ UTERUS, drug effects/ *UTERUS, metabolism

794. **Dastur DK, Lalitha VS:** Pathological analysis of intracranial space-occupying lesions in 1000 cases including children. 2. Incidence, types and unusual cases of glioma. J Neurol Sci 8:143-70, Jan-Feb 69
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ ASTROCYTOMA, pathology/ BRAIN NEOPLASMS, occurrence/ *BRAIN NEOPLASMS, pathology/ CEREBELLAR NEOPLASMS, pathology/ CEREBRAL VENTRICLE NEOPLASMS, pathology/ CHILD/ CHILD, PRESCHOOL/ *EPENDYMOMA, pathology/ FEMALE/ GLIOMA, occurrence/ *GLIOMA, pathology/ HUMAN/ INDIA/ INFANT/ MALE/ *MEDULLOBLASTOMA, pathology/ MIDDLE AGE/ OLIGODENDROGLIOMA, pathology/ *PAPILLOMA, pathology/ PINEALOMA, pathology/ SEX FACTORS

795. **Dastur DK, Manghani DK, Raghavendran KV, et al:** Distribution and fate of Mn54 in the rat, with special

reference to the C.N.S.
Quart J Exp Physiol 54:322-31, Jul 69
ANIMAL EXPERIMENTS/ CENTRAL NERVOUS SYSTEM, metabolism/ ENDOCRINE GLANDS, metabolism/ GASTROINTESTINAL SYSTEM, metabolism/ KIDNEY, metabolism/ *MANGANESE, metabolism/ MUSCLES, metabolism/ MYOCARDIUM, metabolism/ RADIOISOTOPES/ RATS/ SKIN, metabolism/ SPLEEN, metabolism

796. **Datey KK, Deshmukh SN, Dalvi CP, et al:** "Shavasan": A yogic exercise in the management of hypertension.
Angiology 20:325-33, Jun 69
EXERCISE THERAPY/ HUMAN/ HYPERTENSION, drug therapy/ HYPERTENSION, etiology/ *HYPERTENSION, therapy/ HYPOTHALAMUS, physiopathology/ PLACEBOS/ *YOGA

797. **Datkhaev IuI:** Khorionépitelioma legkogo u muzhchiny.
Grudn Khir 9:109, May-Jun 67 (Rus)
ADULT/ CASE REPORT/ *CHORIOCARCINOMA/ HUMAN/ *LUNG NEOPLASMS/ MALE/ SEX FACTORS

798. **Datta H, Chaudhury RR:** The antidiuretic hormone blocking effect of some oxytocin analogues.
J Endocr 42:345-6, Oct 68
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ ASPARAGINE/ DIURESIS, drug effects/ ISOLEUCINE/ KIDNEY, drug effects/ MALE/ *OXYTOCIN, pharmacodynamics/ RATS/ SERINE/ *VASOPRESSIN, antagonists & inhibitors/ WATER

799. **Daum SJ, Clarke RL, Archer S, et al:** Total synthesis of dl-19-nor-16,17-dehydroprogesterone.
Proc Nat Acad Sci USA 62:333-6, Feb 69
CHEMISTRY/ *PROGESTERONE, chem synthesis

800. **David DS, Berkowitz JS:** Ocular effects of topical and systemic corticosteroids.
Lancet 2:149-51, 19 Jul 69 (45 ref.)
ADRENAL CORTEX HORMONES, administration & dosage/ *ADRENAL CORTEX HORMONES, adverse effects/ ANIMAL EXPERIMENTS/ *CATARACT, chemically induced/ EYE DISEASES, chemically induced/ GLAUCOMA, chemically induced/ HUMAN/ *INTRAOCULAR PRESSURE, drug effects/ REVIEW

801. **David M:** Anomalies héréditaires de la T.B.G. (globuline transportant la thyroxine)
Pediatrie 24:491-3, Jun 69 (7 ref.) (Fre)
ADOLESCENCE/ *BLOOD PROTEIN DISORDERS, familial & genetic/ CHILD/ CHILD, PRESCHOOL/ ELECTROPHORESIS/ FEMALE/ HUMAN/ INFANT/ MALE/ PROTEIN-BOUND IODINE TEST/ PROTEIN DEFICIENCY, familial & genetic/ REVIEW/ SERUM GLOBULIN/ SEX CHROMOSOMES/ SEX FACTORS/ *THYROXINE-BINDING PROTEIN

802. **Davidenko AA:** Nekotorye voprosy lecheniia khorionépiteliomy. Vop Onkol 15:28-32, 1969 (Rus)
ADULT/ CASTRATION/ CHORIOCARCINOMA, radiotherapy/ CHORIOCARCINOMA, surgery/ *CHORIOCARCINOMA, therapy/ FEMALE/ *GAMMA GLOBULIN, therapeutic use/ HUMAN/ HYSTERECTOMY/ *MERCAPTOPURINE, therapeutic use/ *METHOTREXATE, therapeutic use/ *UTERINE NEOPLASMS, therapy

803. **Davidzon MI:** Primenenie kortikosteroidov i antigistaminnykh preparatov v otorinolaringologii.
Med Sestra 28:8-11, Jun 69 (Rus)
ADRENAL CORTEX HORMONES, therapeutic use/ ANTIHISTAMINICS, therapeutic use/ OTORHINOLARYNGOLOGIC DISEASES, drug therapy/ SPECIAL LIST NURSING

804. **Davies B:** Recent studies of severe depressive illnesses. 2.
Med J Aust 1:557-65, 15 Mar 69 (122 ref.)
AMPHETAMINE, pharmacodynamics/ ANTIDEPRESSIVE AGENTS, therapeutic use/ BRAIN, enzymology/ BRAIN, metabolism/ BRAIN CHEMISTRY/ CATECHOLAMINES, metabolism/ CATECHOLAMINES, urine/ DEPRESSION, cerebrospinal fluid/ DEPRESSION, drug therapy/ DEPRESSION, enzymology/ DEPRESSION, etiology/ *DEPRESSION, metabolism/ HUMAN/ HYDROXYINDOLEACETIC ACID, metabolism/ HYPOTHALAMUS, analysis/ IMIPRAMINE, therapeutic use/ INDOLES, blood/ INDOLES, metabolism/ IPRONIAZID, pharmacodynamics/ LIMBIC SYSTEM, analysis/ LITHIUM, metabolism/ MALE/ METHYLDOPA, pharmacodynamics/ MIDDLE AGE/ MONOAMINE OXIDASE INHIBITORS, therapeutic use/ NOREPINEPHRINE, metabolism/ *PSYCHOSES, MANIC-DEPRESSIVE, enzymology/ RESERPINE, pharmacodynamics/ REVIEW/ SCHIZOPHRENIA, drug therapy/ SEROTONIN, metabolism/ SHOCK THERAPY, ELECTRIC/ SODIUM, metabolism/ SUICIDE/ TETRABENAZINE, pharmacodynamics/ TRYPTAMINES, urine

805. **Davies T, Kelleher J, Losowsky MS:** Interrelation of serum lipoprotein and tocopherol levels.
Clin Chim Acta 24:431-6, Jun 69
ARTERIES/ BLOOD PROTEIN ELECTROPHORESIS/ CARDIOVASCULAR DISEASES, blood/ *CHOLESTEROL, blood/ CHROMATOGRAPHY, THIN LAYER/ HEPATITIS, blood/ HUMAN/ HYPERTHYROIDISM, blood/ HYPOTHYROIDISM, blood/ *LIPOPROTEINS, blood/ LIVER CIRRHOSIS, blood/ MALABSORPTION SYNDROMES, blood/ PREGNANCY/ *VITAMIN E, blood

806. **Davis BA:** Vaginal moniliasis in private practice.
Obstet Gynec 34:40-5, Jul 69
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ ANTIFUNGAL AGENTS, therapeutic use/ CANDIDA, isolation & purification/ CHILD/ CHILD, PRESCHOOL/ CONTRACEPTIVES, ORAL, adverse effects/ CULTURE MEDIA/ FEMALE/ HUMAN/ INFANT/ INTRAUTERINE DEVICES, adverse effects/ MIDDLE AGE/ MONILIASIS, VULVOVAGINAL, diagnosis/ MONILIASIS, VULVOVAGINAL, etiology/ MONILIASIS, VULVOVAGINAL, microbiology/ *MONILIASIS, VULVOVAGINAL, occurrence/ NYSTATIN, therapeutic use/ PARITY/ VAGINA, microbiology

807. **Davis JW, Liu TM:** The adrenal gland and lactogenesis.
Endocrinology 85:155-60, Jul 69
*ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CASEIN, biosynthesis/ CASTRATION/ CORTICOSTERONE, pharmacodynamics/ CORTICOTROPIN, pharmacodynamics/ DNA, analysis/ FEMALE/ *GLUCOCORTICOIDS, physiology/ *HYDROCORTISONE, pharmacodynamics/ *LACTATION/ MAMMAE, analysis/ MAMMAE, drug effects/ MAMMAE, metabolism/ OVARY, surgery/ PHOSPHORUS ISOTOPES/ PREGNANCY/ *PREGNANCY, ANIMAL/ RATS/ RNA, analysis/ RNA, biosynthesis/ STIMULATION, CHEMICAL

808. **Davis WM, Su MQ:** Effects of adrenalectomy and repeated convulsions on responses of rats to flurothyl. Int J Neuropharmacol 8:55-9, Jan 69
*ADRENALECTOMY/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ *CONVULSIONS, chemically induced/ *ETHERS/ *FLUORINE/ MALE/ PENTYLENETETRAZOLE/ RATS/ SODIUM CHLORIDE, pharmacodynamics

809. **Davison FW:** Chronic sinusitis and infectious asthma.
Arch Otolaryng (Chicago) 90:202-7, Aug 69
ADOLESCENCE/ ASTHMA, etiology/ *ASTHMA, therapy/ CHRONIC DISEASE/ FEMALE/ GLUCOCORTICOIDS, administration & dosage/ HUMAN/ MALE/ MIDDLE AGE/ NASAL POLYPS, surgery/ PARANASAL

. SINUS NEOPLASMS, surgery/ POLYPS, surgery/ *RESPIRATORY TRACT INFECTIONS/ RHINITIS, complications/ *RHINITIS, therapy/ SINUSITIS, complications/ *SINUSITIS, therapy

810. **Davydova VM**: Vzaimozavisimost' elektrolitnogo obmena i kholinergicheskikh protsessov pri rakhite.
Pediatriia 46:69-71, Nov 67 **(Rus)**
*ACETYLCHOLINE, blood/ CALCIUM, blood/ *CHOLINESTERASE, blood/ *ELECTROLYTES, blood/ FEMALE/ HUMAN/ INFANT/ MALE/ POTASSIUM, blood/ *RICKETS, blood/ SODIUM, blood

811. **Daw JC, Lefer AM, Berne RM**: Time course of glucocorticoid dependent changes in cardiac glycogen concentration.
Proc Soc Exp Biol Med 131:1042-4, Jul 69
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CIRCADIAN RHYTHM/ *DEXAMETHASONE, pharmacodynamics/ GLUCOCORTICOIDS, blood/ *GLUCOCORTICOIDS, physiology/ GLUCOCORTICOIDS, secretion/ GLYCOGEN, analysis/ *GLYCOGEN, metabolism/ MALE/ *MYOCARDIUM, metabolism/ RATS/ TIME FACTORS

812. **Dawborn JK**: The effect of prolonged intravenous infusion of aldosterone in a normal human subject.
Med J Aust 1:1079-83, 24 May 69
*ALDOSTERONE, administration & dosage/ ALDOSTERONE, pharmacodynamics/ AMMONIUM COMPOUNDS, urine/ BICARBONATES, blood/ BLOOD PRESSURE, drug effects/ BODY WEIGHT, drug effects/ CALCIUM, blood/ CALCIUM, urine/ CARBON DIOXIDE, blood/ CHLORIDES, blood/ CHLORIDES, urine/ DIET/ EXTRACELLULAR SPACE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INJECTIONS, INTRAVENOUS/ MAGNESIUM, blood/ MAGNESIUM, urine/ MALE/ METHODS/ NITROGEN, urine/ POTASSIUM, blood/ POTASSIUM, urine/ SODIUM, blood/ SODIUM, urine/ *WATER-ELECTROLYTE BALANCE, drug effects

813. **Deamer DW, Baskin RJ**: Ultrastructure of sarcoplasmic reticulum preparations. J Cell Biol 42:296-307, Jul 69
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ CALCIUM, metabolism/ CALCIUM ISOTOPES/ *ENDOPLASMIC RETICULUM/ FREEZE ETCHING/ MICROSCOPY, ELECTRON/ *MUSCLES, cytology/ OXALATES/ RABBITS/ SPECTROPHOTOMETRY/ STAINS AND STAINING

814. **DeAngelis V**: The distribution of glycogen in mouse and rat palatal processes during secondary palatal processes during secondary palate formation: an ultrastructural study. Arch Oral Biol 14:385-95, Apr 69
ABNORMALITIES, DRUG-INDUCED/ ANIMAL EXPERIMENTS/ CLEFT PALATE, chemically induced/ CLEFT PALATE, pathology/ FEMALE/ *GLYCOGEN, analysis/ HISTOCYTOCHEMISTRY/ HYDROCORTISONE/ MICE/ MICROSCOPY, ELECTRON/ *PALATE, analysis/ *PALATE, embryology/ PREGNANCY

815. **Debain JJ, Freyss G, Amsaleg A**: Complications et séquelles de l'intubation trachéale prolongée.
Presse Med 77:997-1000, 7 Jun 69 **(Fre)**
ADRENAL CORTEX HORMONES, therapeutic use/ DILATATION/ GLOTTIS, injuries/ GRANULOMA, etiology/ HUMAN/ *INTUBATION, INTRATRACHEAL, adverse effects/ *LARYNGEAL DISEASES, etiology/ LARYNGEAL DISEASES, surgery/ LARYNGEAL EDEMA, etiology/ *LARYNX, injuries/ POLYPS, etiology/ POSTOPERATIVE CARE/ TIME FACTORS/ TRACHEAL STENOSIS, etiology/ TRACHEAL STENOSIS, surgery/ TRACHEOTOMY/ *VOCAL CORDS, injuries/ VOICE

816. **Debiasi E**: La terapia dei tumori maligni dell'ovaio.
Minerva Ginec 21:327-32, 31 Mar 69 **(Ita)**
*ANTINEOPLASTIC AGENTS, therapeutic use/ *COBALT ISOTOPES, therapeutic use/ FEMALE/ HUMAN/ *OVARIAN NEOPLASMS, drug therapy/ *OVARIAN NEOPLASMS, radiotherapy/ *OVARIAN NEOPLASMS, surgery/ *RADIOISOTOPE TELETHERAPY/ *RADIUM, therapeutic use

817. **Debray C, Leymarios J, Tourneur R, et al**: Les cancers thyroïdiens médullaires diarrhéogènes. A propos d'un cas révélé par la diarrhée. Revue de la littérature.
Ann Med Intern (Paris) 120:73-84, Feb 69 **(Fre)**
ADULT/ AGED/ ANIMAL EXPERIMENTS/ *CARCINOMA, complications/ CARCINOMA, diagnosis/ CARCINOMA, urine/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ DIARRHEA, diagnosis/ *DIARRHEA, etiology/ ELECTROMYOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ GASTROINTESTINAL MOTILITY/ GUINEA PIGS/ HUMAN/ HYPERTHYROIDISM, diagnosis/ IODINE ISOTOPES/ MALE/ MIDDLE AGE/ RABBITS/ RADIOISOTOPE SCANNING/ RATS/ RECTUM, physiopathology/ SPRUE, etiology/ *THYROID NEOPLASMS, complications/ THYROID NEOPLASMS, diagnosis/ THYROID NEOPLASMS, urine

818. **Debray C, Martin E, Vaille C, et al**: L'intoxication par l'éthylène-glycol. Un contre-poison: l'ion citrate.
Sem Hop Paris 44:3001-9, 26 Nov 68 **(Fre)**
ALCOHOL, ETHYL, administration & dosage/ ANIMAL EXPERIMENTS/ *ANTIDOTES, therapeutic use/ BLOOD PROTEINS, analysis/ BODY WEIGHT/ *CITRATES, administration & dosage/ ENGLISH ABSTRACT/ ESTROGENS, therapeutic use/ *GLYCOLS, poisoning/ GLYCOLS, toxicity/ HUMAN/ KIDNEY, pathology/ KIDNEY CALCULI, chemically induced/ KIDNEY CALCULI, pathology/ MALE/ NEPHRITIS, chemically induced/ NEPHRITIS, pathology/ PHENACETIN, therapeutic use/ RATS/ THIRST/ TROMETHAMINE, therapeutic use

819. **Decelle J**: Dysgerminome et grossesse.
Bull Soc Roy Belg Gynec Obstet 39:1-13, 1969 **(Fre)**
ADULT/ *DISGERMINOMA/ FEMALE/ *OVARIAN NEOPLASMS/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ *PUERPERAL DISORDERS

820. **DeCosta EJ**: Ovarian tumors with endocrine activity and related problems.
Surg Clin N Amer 49:105-20, Feb 69 (52 ref.)
ADULT/ DISGERMINOMA/ FEMALE/ GRANULOSA CELL TUMOR/ GYNANDROBLASTOMA/ *HORMONES, ECTOPIC, secretion/ HUMAN/ HYPERPLASIA/ LEYDIG CELL TUMOR/ OVARIAN CYSTS/ *OVARIAN NEOPLASMS/ OVARIAN NEOPLASMS, physiopathology/ REVIEW/ SERTOLI CELL TUMOR/ TERATOID TUMOR

821. **Decourt J**: Lucien de Gennes, 1892-1968.
Rev Franc Endocr Clin 9:461-3, Nov-Dec 68 **(Fre)**
ADDISON'S DISEASE, drug therapy/ CURRENT BIOG-OBIT/ *ENDOCRINOLOGY, history/ FRANCE/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT.

822. **Degenhardt KH, Fränz J**: Teratogene Sensibilität in der frühen Organogenese bei Mäuseinzuchtstämmen. Naunyn Schmiedeberg Arch Pharm Exp Path 260:104-5, 1968 **(Ger)**
*ABNORMALITIES, DRUG-INDUCED/ ANIMAL EXPERIMENTS/ BONE AND BONES, abnormalities/ *EMBRYO, drug effects/ FEMALE/ INBREEDING/ MICE/ *NUCLEOSIDES, toxicity/ OSSIFICATION, PHYSIOLOGIC, drug effects/ PREGNANCY/ *PREGNANCY, ANIMAL/ PYRIMIDINES, antagonists & inhibitors

823. **Degeorges M, Caramanian M**: Nosologie et étiologie des rétirécissements aortiques calcifiés.
Sem Hop Paris 44:3298-306, 20 Dec 68 **(Fre)**
ADULT/ AGED/ AORTA, pathology/ AORTIC COARCTATION, pathology/ AORTIC VALVE INSUFFICIENCY, complications/ *AORTIC

VALVE STENOSIS, complications/ AORTIC VALVE STENOSIS, congenital/ AORTIC VALVE STENOSIS, etiology/ AORTIC VALVE STENOSIS, pathology/ ARTERIOSCLEROSIS, complications/ ARTHRITIS, RHEUMATOID, complications/ *CALCINOSIS, etiology/ CALCINOSIS, pathology/ ENGLISH ABSTRACT/ FEMALE/ HEMODYNAMICS/ HUMAN/ HYPERCALCEMIA, complications/ IDIOPATHIC HYPERTROPHIC SUBVALVULAR STENOSIS, complications/ MALE/ MIDDLE AGE/ MITRAL VALVE STENOSIS, pathology/ RHEUMATIC HEART DISEASE, complications/ SYPHILIS, CARDIOVASCULAR, complications

824. **Dehennin LA, Scholler R:** Preparation and physico-chemical properties of some steroid heptafluorobutyrates and 3-enol heptafluorobutyrates. Steroids 13:739-61, Jun 69
*ANDROSTANES/ *BUTYRATES/ CHEMISTRY/ CHEMISTRY, PHYSICAL/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ *DESOXYCORTICOSTERONE/ *ESTRONE/ *FLUORINE/ INFRARED RAYS/ *17-KETOSTEROIDS/ LIGHT/ NUCLEAR MAGNETIC RESONANCE/ OPTICAL ROTATORY DISPERSION/ *PREGNANEDIOL/ *PROGESTERONE/ ROTATION/ SPECTROPHOTOMETRY/ SPECTRUM ANALYSIS/ *TESTOSTERONE/ ULTRAVIOLET RAYS

825. **De Iraldi AP, Gueudet R:** Catecholamine and serotonin in granulated vesicles of nerve endings in the pineal gland of the rat. Int J Neuropharmacol 8:9-14, Jan 69
ANIMAL EXPERIMENTS/ CATECHOLAMINES, analysis/ DOPAMINE, analysis/ FLUOROMETRY/ HISTOCYTOCHEMISTRY/ MALE/ MICROSCOPY, ELECTRON/ *NERVE ENDINGS, analysis/ NERVE ENDINGS, cytology/ NOREPINEPHRINE, analysis/ *PHENYLALANINE, pharmacodynamics/ *PINEAL BODY, analysis/ PINEAL BODY, drug effects/ RATS/ *SEROTONIN, analysis

826. **De la Balze FA, Socolsky RC, Janches M, et al:** Effect of bacterial pyrogen on the thyroid uptake of 131-I and urinary excretion of 17-hydroxycorticosteroid in normal subjects.
Folia Endocr (Roma) 21:611-22, Oct 68
ADOLESCENCE/ ADULT/ *BACTERIA/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ *PYROGENS, adverse effects/ *STRESS, physiopathology/ *THYROID GLAND, drug effects/ *THYROID GLAND, physiopathology/ *TOXINS, pharmacodynamics

827. **De la Llosa P, Jutisz M:** Reversible dissociation into subunits and biological activity of ovine luteinizing hormone. Biochim Biophys Acta 181:426-36, 1 Jul 69
ANIMAL EXPERIMENTS/ ASCORBIC ACID, diagnostic use/ BIOLOGICAL ASSAY/ FEMALE/ GEL FILTRATION/ GUANIDINES/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *LH/ LH, pharmacodynamics/ MOLECULAR WEIGHT/ OVARY, drug effects/ SHEEP/ ULTRACENTRIFUGATION/ UREA

828. **Delaney JP:** Arteriovenous anastomotic blood flow in the mesenteric organs.
Amer J Physiol 216:1556-61, Jun 69
ANIMAL EXPERIMENTS/ *ARTERIOVENOUS ANASTOMOSIS, physiology/ DOGS/ EPINEPHRINE, pharmacodynamics/ FEMORAL ARTERY/ HISTAMINE, pharmacodynamics/ INTESTINES, blood supply/ *LIVER CIRCULATION/ *MESENTERIC ARTERIES/ MESENTERY, blood supply/ METHODS/ NOREPINEPHRINE, pharmacodynamics/ POLYSTYRENES/ PORTAL VEIN/ *PULMONARY CIRCULATION/ *REGIONAL BLOOD FLOW/ VASOPRESSIN, pharmacodynamics/ YTTRIUM ISOTOPES

829. **DeLemos RA, Haggerty RJ:** Corticosteroids as an adjunct to treatment in bacterial meningitis. A controlled clinical trial. Pediatrics 44:30-4, Jul 69
BACTERIA/ CHILD/ CHLORAMPHENICOL, therapeutic use/ CLINICAL RESEARCH/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ *MENINGITIS, drug therapy/ MENINGITIS, etiology/ MENINGITIS, HAEMOPHILUS, drug therapy/ MENINGITIS, MENINGOCOCCIC, drug therapy/ MENINGITIS, PNEUMOCOCCAL, drug therapy/ *METHYLPREDNISOLONE, therapeutic use/ PENICILLIN, therapeutic use/ PLACEBOS/ SULFADIAZINE, therapeutic use

830. **Delfino U, Zuccaro GM, Trompeo MA:** Trattamento rianimatorio delle laringiti dispneizzanti del bambino.
Minerva Anest 35:508-15, May 69 (Ita)
ADRENAL CORTEX HORMONES, therapeutic use/ ANALGESICS AND ANTIPYRETICS, therapeutic use/ ANTIBIOTICS, therapeutic use/ BRONCHITIS, complications/ CHILD/ CHILD, PRESCHOOL/ *DYSPNEA, therapy/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ INFLUENZA, complications/ INTUBATION, INTRATRACHEAL/ *LARYNGITIS, complications/ MALE/ MEASLES, complications/ PHARYNGITIS, complications/ PULMONARY EDEMA, therapy/ SYMPATHOMIMETICS, therapeutic use/ TRANQUILIZING AGENTS, therapeutic use

831. **Della Casa L, Boni M:** Aspetti del metabolismo cortisolico in corso di epatopatie.
Endocr Sci Cost 29:344-53, Nov 67 (Ita)
HEPATITIS, HOMOLOGOUS SERUM, metabolism/ HUMAN/ HYDROCORTISONE, blood/ *HYDROCORTISONE, metabolism/ INFUSIONS, PARENTERAL/ JAUNDICE, OBSTRUCTIVE, metabolism/ LIVER CIRRHOSIS, metabolism/ *LIVER DISEASES, metabolism/ METABOLIC CLEARANCE RATE

832. **Dellepiane G:** La nostra esperienza in tema di terapia del carcinoma ovarico.
Minerva Ginec 21:332, 31 Mar 69 (Ita)
FEMALE/ HUMAN/ *OVARIAN NEOPLASMS, therapy/ PROGNOSIS

833. **Dellepiane G:** Le gonadotropine umane.
Minerva Ginec 19:901-2, 30 Sep 67 (Ita)
*GONADOTROPINS/ HUMAN

834. **Dellmann HD, Owsley PA:** Autoradiographic studies on the neurosecretory hypothalamo-hypophysial system of the grass frog (Rana pipiens) after disconnection of the distal hypophysis. Experientia 25:197-9, 15 Feb 69
ANIMAL EXPERIMENTS/ CYSTEINE, metabolism/ CYTOPLASMIC GRANULES/ FROGS/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, anatomy & histology/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, surgery/ *NEUROSECRETION/ RADIOAUTOGRAPHY

835. **Dellmann HD, Owsley PA:** Investigations on the hypothalamo-neurohypophysial neurosecretory system of the grass frog (Rana pipiens) after transection of the proximal neurohypophysis. II. Light- and electron microscopic findings in the disconnected distal neurohypophysis with special emphasis on the pituicytes.
Z Zellforsch 94:325-36, 1969
ANIMAL EXPERIMENTS/ CYTOPLASM/ CYTOPLASMIC GRANULES/ FROGS/ HISTOLOGICAL TECHNICS/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, cytology/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ MICROSCOPY, ELECTRON/ NERVE DEGENERATION/ NEUROSECRETION/ PHAGOCYTOSIS/ *PITUITARY GLAND, POSTERIOR, cytology/ PITUITARY GLAND, POSTERIOR, physiology/ PITUITARY GLAND, POSTERIOR, surgery

836. **Démant F, Jacina J, Tischler V:** Niektoré problémy činnosti obličiek vo včasnom detskom veku.
Bratisl Lek Listy 51:545-53, 1969 (Slo)
AMINOHIPPURIC ACID/ BLOOD CHEMICAL ANALYSIS/ BLOOD PROTEIN ELECTROPHORESIS/ ENGLISH ABSTRACT/ GLOMERULAR FILTRATION RATE/ HUMAN/ INFANT/ INFANT, NEWBORN/ *KIDNEY,

physiology/ *KIDNEY FUNCTION TESTS/ METHODS/ VASOPRESSIN, blood

837. **Demetrescu M**: Central gray matter and maintenance of tonic arousal.
Electroenceph Clin Neurophysiol 26:336, Mar 69
ANIMAL EXPERIMENTS/ *AROUSAL/ *BRAIN, physiology/ CATS/ ELECTROENCEPHALOGRAPHY/ EVOKED POTENTIALS/ FEEDBACK/ HYPOTHALAMUS, physiology/ MESENCEPHALON, physiology/ NEURAL INTERCONNECTIONS, physiology/ RETICULAR FORMATION, physiology/ TIME FACTORS

838. **Demisch K, Staib W**: An improved method for isolation and identification of hydroxylated testosterone metabolites as trimethylsilyl ethers from biological material. Europ J Biochem 9:378-82, Jun 69
*ANDROSTANES, analysis/ ANDROSTANES, isolation & purification/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHEMISTRY/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ DRUG STABILITY/ ETHERS, analysis/ GELS/ GUINEA PIGS/ LIVER, metabolism/ METHODS/ PERFUSION/ SILICA/ SILICON/ *STEROLS, analysis/ STEROLS, isolation & purification/ TESTOSTERONE, analysis/ TESTOSTERONE, metabolism

839. **Demisch K, Staib W**: Der Testosteronstoffwechsel in der isoliert perfundierten Meerschweinchenleber. Europ J Biochem 7:324-7, Jan 69 (Ger)
ANDROSTANES, metabolism/ ANIMAL EXPERIMENTS/ BILE, analysis/ CARBON ISOTOPES/ CHOLANES, metabolism/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ ENGLISH ABSTRACT/ ETIOCHOLANOLONE, metabolism/ FEMALE/ GUINEA PIGS/ 17-HYDROXYCORTICOSTEROIDS, metabolism/ HYDROXYSTEROID DEHYDROGENASE/ IN VITRO/ 17-KETOSTEROIDS, metabolism/ *LIVER, metabolism/ MALE/ METHODS/ OXIDOREDUCTASES, metabolism/ PERFUSION/ SEX FACTORS/ *TESTOSTERONE, metabolism/ ULTRAVIOLET RAYS

840. **Dempski RE, Portnoff JB, Wase AW**: In vitro release and in vivo penetration studies of a topical steroid from nonaqueous vehicles.
J Pharm Sci 58:579-82, May 69
ADULT/ CARBON ISOTOPES/ *DEXAMETHASONE, metabolism/ ESTERS/ GELS/ HUMAN/ MIDDLE AGE/ MINERAL OIL/ OINTMENTS/ PETROLATUM/ *SKIN ABSORPTION/ SOLUBILITY/ TIME FACTORS

841. **Demura H, Demura R, Iino M, et al**: [Growth hormone] Jap J Clin Med 27:319-25, Feb 69 (Jap)
DWARFISM, PITUITARY, diagnosis/ HUMAN/ IODINE ISOTOPES/ RADIOIMMUNOASSAY/ *SOMATOTROPIN, blood

842. **Denef C, De Moor P**: "Puberty" of the rat liver. IV. Influence of estrogens upon the differentiation of cortisol metabolism induced by neonatal testosterone. Endocrinology 85:259-69, Aug 69
AGE FACTORS/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ CASTRATION/ *ESTRADIOL, pharmacodynamics/ FEMALE/ *HYDROCORTISONE, metabolism/ LIVER, drug effects/ *LIVER, metabolism/ MALE/ PREGNANETRIOL, metabolism/ PUBERTY/ RATS/ *TESTOSTERONE, pharmacodynamics

843. **Dent PB, Brown DM, Good RA**: Ultimobranchial calcitonin in the developing chicken.
Endocrinology 85:582-5, Sep 69
ALKALINE PHOSPHATASE, blood/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ BONE RESORPTION/ CALCIUM, blood/ CHICK EMBRYO, metabolism/ *CHICKENS, growth & development/ ENDOCRINE GLANDS, analysis/ *ENDOCRINE GLANDS, physiology/ ORGAN WEIGHT/ OSSIFICATION, PHYSIOLOGIC/ PARATHYROID GLANDS/ PHOSPHATES, blood/ THYROCALCITONIN, analysis/ *THYROCALCITONIN, metabolism/ THYROID GLAND, analysis/ TISSUE EXTRACTS

844. **Deol MS, Green MC**: Cattanach's translocation as a tool for studying the action of the shaker-1 gene in the mouse. J Exp Zool 170:301-9, Mar 69
ANIMAL EXPERIMENTS/ *CHROMOSOME ABERRATIONS/ *DEAFNESS, familial & genetic/ EPITHELIUM/ FEMALE/ GENES/ LABYRINTH/ LABYRINTH, pathology/ MALE/ MICE/ MUTATION/ SEX CHROMOSOMES

845. **Depisch D, Dinstl K, Keminger K**: Zur Diagnostik und Therapie intratrachealer Strumen.
Wien Med Wschr 119:301-3, 19 Apr 69 (Ger)
*ADENOCARCINOMA/ ADENOCARCINOMA, diagnosis/ ADENOCARCINOMA, radiotherapy/ ADENOCARCINOMA, surgery/ ADULT/ HUMAN/ IODINE ISOTOPES/ MALE/ MIDDLE AGE/ *THYROID NEOPLASMS/ THYROID NEOPLASMS, diagnosis/ THYROID NEOPLASMS, radiotherapy/ THYROID NEOPLASMS, surgery/ *TRACHEAL NEOPLASMS/ TRACHEAL NEOPLASMS, diagnosis/ TRACHEAL NEOPLASMS, radiotherapy/ TRACHEAL NEOPLASMS, surgery

846. **Deptalla H, Wiegershausen B**: Beta-Rezeptorenblocker und ihre gegenwärtige klinische Beutung.
Deutsch Gesundh 23:2353-63, 12 Dec 68 (50 ref.) (Ger)
ADRENAL GLAND NEOPLASMS, drug therapy/ AMINO ALCOHOLS, pharmacodynamics/ ANGINA PECTORIS, drug therapy/ ANILIDES, pharmacodynamics/ ARRHYTHMIA, drug therapy/ BLOOD PRESSURE, drug effects/ *CARDIOVASCULAR DISEASES, drug therapy/ DICHLOROISOPROTERENOL, pharmacodynamics/ ENGLISH ABSTRACT/ HEART, drug effects/ HEART CONDUCTION SYSTEM, drug effects/ HEART DISEASES, drug therapy/ HUMAN/ HYPERTENSION, drug therapy/ IDIOPATHIC HYPERTROPHIC SUBVALVULAR STENOSIS, drug therapy/ METHOXAMINE, pharmacodynamics/ NOREPINEPHRINE, pharmacodynamics/ PHENETHYLAMINES, pharmacodynamics/ PHEOCHROMOCYTOMA, drug therapy/ PRONETHALOL, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ REVIEW/ SPINAL CORD, drug effects/ SULFONIC ACIDS, pharmacodynamics/ SYMPATHOLYTICS, adverse effects/ *SYMPATHOLYTICS, therapeutic use/ TETRALOGY OF FALLOT, drug therapy

847. **Deriugina VA, Pekerman MIa, Savitskaia LV**: Intralaringeal'nyĭ zob.
Vestn Otorinolaring 29:105-6, Mar-Apr 67 (Rus)
AGED/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ *GOITER, diagnosis/ HUMAN/ *LARYNGEAL DISEASES, diagnosis/ MALE/ POLYPS, diagnosis

848. **Derom F**: L'hypertension réno-vasculaire: diagnostic, indications, techniques, résultats.
Radiol Clin (Basel) 37:229-52, 1968 (Fre)
ANEURYSM, surgery/ AORTA, ABDOMINAL, surgery/ AORTIC COARCTATION, complications/ AORTOGRAPHY/ ARTERIOSCLEROSIS, complications/ BLOOD CIRCULATION/ HUMAN/ *HYPERTENSION, RENAL/ HYPERTENSION, RENAL, diagnosis/ HYPERTENSION, RENAL, etiology/ HYPERTENSION, RENAL, surgery/ KIDNEY, blood supply/ KIDNEY FUNCTION TESTS/ NEPHRECTOMY, mortality/ RENAL ARTERY, surgery/ RENAL ARTERY OBSTRUCTION, complications/ RENIN, blood

849. **Desclin L, Carpent G**: Effets de la castration pratiquée au cours de la grossesse, sur la structure de l'hypophyse, chez le rat.
Ann Endocr (Paris) 29:461-4, Jul-Aug 68 (Fre)
ANIMAL EXPERIMENTS/ *CASTRATION/ FEMALE/ GONADOTROPINS, PITUITARY, secretion/ OVARY, physiology/ *PITUITARY GLAND, cytology/ PREGNANCY/

*PREGNANCY, ANIMAL/ PROLACTIN, secretion/ RATS

850. **Deshayes P, Arinal C, Dreyfus P, et al:** Les localisations osseuses de la mastocytose.
Sem Hop Paris 45:524-30, 14 Feb 69 (Fre)
ADULT/ AGE FACTORS/ ANEMIA, complications/ BONE DISEASES, complications/ *BONE DISEASES, etiology/ BONE DISEASES, radiography/ BONE RESORPTION, physiopathology/ CALCIUM, blood/ CALCIUM, therapeutic use/ ENGLISH ABSTRACT/ FLUORIDES, therapeutic use/ GLUCOCORTICOIDS, therapeutic use/ HEPATOMEGALY, etiology/ HISTAMINE, analysis/ HISTAMINE LIBERATION/ HUMAN/ HYDROXYPROLINE, urine/ MALE/ *MAST CELLS/ OPIUM, therapeutic use/ OSTEOPOROSIS, physiopathology/ PEPTIC ULCER, etiology/ PHOSPHORUS, blood/ PROTEIN-LOSING ENTEROPATHIES, etiology/ SALICYLATES, therapeutic use/ SEROTONIN, analysis/ SEX FACTORS/ SPLENOMEGALY, etiology/ *URTICARIA PIGMENTOSA, complications/ URTICARIA PIGMENTOSA, drug therapy

851. **Deshayes P, Levillain D, Cauvin M, et al:** Calcinose viscérale induite par les perfusions de phosphate dans une hypercalcémie myélomateuse.
Sem Hop Paris 45:444-9, 8 Feb 69 (Fre)
BENCE JONES PROTEIN, blood/ *CALCINOSIS, chemically induced/ CALCINOSIS, pathology/ CALCINOSIS, therapy/ CALCIUM, metabolism/ CYCLOPHOSPHAMIDE, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ HYPERCALCEMIA, complications/ *HYPERCALCEMIA, drug therapy/ HYPERCALCEMIA, pathology/ KIDNEY TUBULES, pathology/ MALE/ MELPHALAN, therapeutic use/ MULTIPLE MYELOMA, complications/ *MULTIPLE MYELOMA, drug therapy/ MULTIPLE MYELOMA, pathology/ PERFUSION/ PHOSPHATES, administration & dosage/ *PHOSPHATES, adverse effects/ PULMONARY ALVEOLI, pathology

852. **De Venanzi F, Guevara de Murillo A, Jiménez O:** Observations on the total organ phosphorus content and radioactive orthophosphate distribution in the alloxanized rat. Acta Physiol Lat Amer 17:276-85, 1967
ADIPOSE TISSUE, analysis/ *ALLOXAN DIABETES, metabolism/ ANIMAL EXPERIMENTS/ BLOOD CHEMICAL ANALYSIS/ BONE AND BONES, analysis/ CARDIOVASCULAR SYSTEM, analysis/ GASTROINTESTINAL SYSTEM, analysis/ MALE/ MUSCLES, analysis/ *PHOSPHATES, metabolism/ *PHOSPHORUS, analysis/ PHOSPHORUS, metabolism/ PHOSPHORUS ISOTOPES/ RATS

853. **Devens K:** Druck-Stromstärkebeziehungen der hepatelen Blutversorgung.
Acta Hepatosplen (Stuttgart) 16:65-76, Mar-Apr 69 (Ger)
ANGIOTENSIN AMIDE, pharmacodynamics/ ANIMAL EXPERIMENTS/ AUTONOMIC NERVE BLOCK/ *AUTONOMIC NERVOUS SYSTEM, physiology/ BLOOD PRESSURE, drug effects/ BLOOD VOLUME, drug effects/ DOGS/ ENGLISH ABSTRACT/ EPINEPHRINE, pharmacodynamics/ EXTRACORPOREAL CIRCULATION/ FRUCTOSE, pharmacodynamics/ *HEPATIC ARTERY, physiology/ *HEPATIC VEINS, physiology/ HYPERTONIC SOLUTIONS, pharmacodynamics/ LIVER CIRCULATION, drug effects/ *LIVER CIRCULATION, physiology/ MANNITOL, pharmacodynamics/ NOREPINEPHRINE, pharmacodynamics/ *PORTAL VEIN, physiology/ REGIONAL BLOOD FLOW, drug effects/ *SHOCK, ENDOTOXIC, physiopathology/ *SHOCK, HEMORRHAGIC, physiopathology/ VASOPRESSIN, pharmacodynamics

854. **De Vita VT, Emmer M:** The successful treatment of pneumocystis carinii pneumonitis in an adult with lymphosarcoma. A comment on pentamidine isethionate nephrotoxicity.
Rev Franc Etud Clin Biol 14:55-6, Jan 69
*AMIDINES, adverse effects/ *AMIDINES, therapeutic use/ ANIMAL EXPERIMENTS/ ANURIA, complications/ BIOPSY/ BLOOD UREA NITROGEN/ CREATININE, blood/ CYCLOPHOSPHAMIDE, adverse effects/ FEMALE/ HUMAN/ *KIDNEY, drug effects/ KIDNEY FAILURE, CHRONIC, chemically induced/ KIDNEY TUBULES, physiopathology/ LUNG, pathology/ *LYMPHOSARCOMA, complications/ MIDDLE AGE/ PNEUMONIA, INTERSTITIAL PLASMA CELL, diagnosis/ *PNEUMONIA, INTERSTITIAL PLASMA CELL, drug therapy/ PNEUMONIA, INTERSTITIAL PLASMA CELL, pathology/ POTASSIUM, blood/ PREDNISONE, adverse effects/ PROTEINURIA, complications/ VINBLASTINE, adverse effects

855. **Dewey JR, Armelagos GJ, Bartley MH:** Femoral cortical involution in three Nubian archaeological populations. Hum Biol 41:13-28, Feb 69
ADULT/ AGE FACTORS/ AGED/ *ARCHAEOLOGY/ *CROSS-CULTURAL COMPARISON/ FEMALE/ *FEMUR/ HUMAN/ MALE/ MIDDLE AGE/ *OSTEOPOROSIS/ SEX FACTORS/ SUDAN

856. **Dhariwal AP, Krulich L, McCann SM:** Purification of a growth hormone-inhibiting factor (CIF) from sheep hypothalamus. Neuroendocrinology 4:282-8, 1969
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CHROMATOGRAPHY, ION EXCHANGE/ FEMALE/ GEL FILTRATION/ *HYPOTHALAMUS, analysis/ METHYLCELLULOSE/ *PITUITARY HORMONE RELEASING FACTORS, antagonists & inhibitors/ RATS/ SHEEP/ *SOMATOTROPIN, secretion/ TIBIA, drug effects/ TISSUE EXTRACTS, pharmacodynamics

857. **Dhopeshwarkar GA, Mead JF:** Role of phospholipids in iodine binding. UCLA-12-686.
US AEC UCLA Sch Med Lab Nucl Med 5-6, 30 Jun 68
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, ACTIVE/ IN VITRO/ *IODIDES, metabolism/ IODINE ISOTOPES/ IONS/ LECITHINS, metabolism/ *PHOSPHOLIPIDS, metabolism/ RATS

858. **DiBona DR, Civan MM:** Toad urinary bladder: intercellular spaces. Science 165:503-4, 1 Aug 69
ANIMAL EXPERIMENTS/ *BIOLOGICAL TRANSPORT, drug effects/ *BLADDER, cytology/ DILATATION/ MEMBRANE POTENTIALS/ MICROSCOPY, ELECTRON/ TOADS/ *VASOPRESSIN, pharmacodynamics

859. **Dick WC, Jasani MK, Boyle JA:** A study of capillary resistance in rheumatoid arthritis with special reference to the effects of long-term low-dosage oral corticosteroid therapy.
Acta Rheum Scand 14:265-75, 1968
ADOLESCENCE/ ADULT/ AGED/ *ARTHRITIS, RHEUMATOID, drug therapy/ ARTHRITIS, RHEUMATOID, physiopathology/ *CAPILLARY RESISTANCE, drug effects/ CHILD/ DOSAGE FORMS/ FEMALE/ HUMAN/ MIDDLE AGE/ *PREDNISONE, administration & dosage

860. **Dicker SE, King VM:** The preparation, purification and characterization of porcine neurophysin.
J Physiol (London) 202:103P+, Jun 69
ANIMAL EXPERIMENTS/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS/ MOLECULAR WEIGHT/ *PITUITARY GLAND, POSTERIOR, analysis/ *PITUITARY HORMONES, POSTERIOR, isolation & purification/ SWINE/ ULTRACENTRIFUGATION

861. **Dickey RP, Robertson AF:** Newborn estrogen excretion. Its relationship to sex, birth weight, maternal complications, and idiopathic respiratory distress syndrome.
Amer J Obstet Gynec 104:551-5, 15 Jun 69

*BIRTH WEIGHT/ CREATININE, urine/ *ESTROGENS, urine/ FEMALE/ HUMAN/ *INFANT, NEWBORN/ MALE/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ *RESPIRATORY DISTRESS SYNDROME, urine/ SEX FACTORS

862. **Dickinson P, Zinneman HH, Swaim WR, et al:** Effects of testosteronereatment on plasma proteins and amino acids in men. J Clin Endocr 29:837-41, Jun 69
ADULT/ *AMINO ACIDS, blood/ AMINO ACIDS, urine/ BLOOD PROTEIN ELECTROPHORESIS/ *BLOOD PROTEINS, analysis/ CERULOPLASMIN, analysis/ DEPRESSION, CHEMICAL/ *FIBRINOGEN, blood/ GAMMA GLOBULIN, 7S, analysis/ GLUTAMATES, blood/ HAPTOGLOBINS, analysis/ HUMAN/ *HYDROCORTISONE, blood/ 17-HYDROXYCORTICOSTEROIDS, blood/ 17-HYDROXYCORTICOSTEROIDS, urine/ MALE/ PROLINE, blood/ PROTEIN BINDING/ SERUM ALBUMIN, analysis/ STIMULATION, CHEMICAL/ TESTOSTERONE, pharmacodynamics/ *THYROXINE-BINDING PROTEIN, analysis/ *TRANSFERRIN, analysis/ *TRYPSIN INHIBITORS, blood/ TYROSINE, blood

863. **Dicks D, Myers RE, Kling A:** Uncus and amygdala lesions: effects on social behavior in the free-ranging rhesus monkey. Science 165:69-71, 4 Jul 68
AGE FACTORS/ AGGRESSION/ *AMYGDALOID BODY, physiology/ ANIMAL EXPERIMENTS/ FEEDING BEHAVIOR/ *HIPPOCAMPUS, physiology/ MONKEYS/ *SOCIAL BEHAVIOR

864. **Dickson AD:** Effectiveness of 6alpha-methyl-17-acetoxyprogesterone, in combination with oestradiol benzoate, in inducing delayed implantation in the mouse.
J Reprod Fertil 18:227-33, Mar 69
ANIMAL EXPERIMENTS/ CASTRATION/ *ESTRADIOL, pharmacodynamics/ FEMALE/ *MEDROXYPROGESTERONE, pharmacodynamics/ MICE/ *NIDATION, drug effects/ TIME FACTORS/ UTERUS, anatomy & histology

865. **Dieter MP:** Glucose metabolism in rat lymphatic tissues: effects of acute and chronic exercise.
Life Sci 8:459-68, 1 May 69
ADRENAL GLANDS, analysis/ ALANINE AMINOTRANSFERASE, analysis/ ANIMAL EXPERIMENTS/ CORTICOSTERONE, analysis/ *EXERTION/ *GLUCOSE, metabolism/ LACTATE DEHYDROGENASE, analysis/ *LYMPHOID TISSUE, metabolism/ MALATE DEHYDROGENASE, analysis/ ORGAN WEIGHT/ RATS/ SPLEEN, enzymology/ SPLEEN, growth & development/ SPLEEN, metabolism/ THYMUS GLAND, enzymology/ THYMUS GLAND, growth & development/ THYMUS GLAND, metabolism

866. **DiGiulio W, Beierwaltes WH:** Tissue localization studies of a DDD analog. J Nucl Med 9:634-7, Dec 68
*ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ *DDD, metabolism/ DOGS/ INJECTIONS, INTRAVENOUS/ IODINE ISOTOPES/ LIVER, metabolism/ RABBITS/ *RADIOISOTOPE SCANNING

867. **Dil'man VM, Bershteĭn LM:** Ektopicheskie éndokrinnye sindromy.
Vop Onkol 14:111-8, 1968 (50 ref.) **(Rus)**
CORTICOTROPIN, biosynthesis/ *ENDOCRINE DISEASES, etiology/ ERYTHROPOIETIN, biosynthesis/ GASTRIN, biosynthesis/ GONADOTROPINS, CHORIONIC, biosynthesis/ *HORMONES, ECTOPIC, biosynthesis/ HUMAN/ INSULIN, biosynthesis/ LUNG NEOPLASMS, metabolism/ *NEOPLASMS, complications/ NEOPLASMS, diagnosis/ NEOPLASMS, physiopathology/ REVIEW/ SEROTONIN, biosynthesis/ THYROCALCITONIN, biosynthesis/ THYROTROPIN, biosynthesis/ VASOPRESSIN, biosynthesis

868. **Dingman CW, Aronow A, Bunting SL, et al:** Changes in chick oviduct ribonucleic acid following hormonal stimulation. Biochemistry (Wash) 8:489-95, Feb 69
AGE FACTORS/ AMINO ACIDS/ ANIMAL EXPERIMENTS/ BRAIN, embryology/ BRAIN, metabolism/ CELL NUCLEUS, metabolism/ CHICK EMBRYO/ CHICKENS/ CYTOPLASM, metabolism/ *DIETHYLSTILBESTROL, pharmacodynamics/ ELECTROPHORESIS/ FEMALE/ METHODS/ NUCLEOSIDES, metabolism/ OVIDUCTS, embryology/ *OVIDUCTS, metabolism/ *PROGESTERONE, pharmacodynamics/ RNA, biosynthesis/ RNA, isolation & purification/ *RNA, metabolism/ RNA, SOLUBLE, biosynthesis/ RNA, SOLUBLE, isolation & purification/ *RNA, SOLUBLE, metabolism/ STIMULATION, CHEMICAL/ TRITIUM/ URIDINE, metabolism

869. **Disko R, Krampitz HE:** Die retardierte Verlaufsform der experimentellen Infektion mit Trypanosoma cruzi (Stamm WBH) in laktierenden Mäusen.
Z Parasitenk 32:11-42, 1969 **(Ger)**
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ FEMALE/ LACTATION/ MICE/ PREGNANCY/ *PREGNANCY COMPLICATIONS, INFECTIOUS, veterinary/ *RODENT DISEASES/ TRYPANOSOMA, growth & development/ *TRYPANOSOMIASIS, veterinary

870. **Dissanayake SA, Leiberman DM:** Hypopituitarism with paranoid psychosis: a description of two cases.
J Neurol Neurosurg Psychiat 32:233-5, Jun 69
CORTICOTROPIN, therapeutic use/ CORTISONE, therapeutic use/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ *HYPOPITUITARISM, complications/ HYPOPITUITARISM, drug therapy/ MALE/ MIDDLE AGE/ *PARANOIA, complications/ PARANOIA, drug therapy/ PHENOTHIAZINES, therapeutic use/ TESTOSTERONE, therapeutic use/ THYROXINE, therapeutic use/ TIME FACTORS

871. **Diversi G:** A proposito di un caso clinico di porpora emorragica metafocale in un soggetto affetto da tonsillite cronica criptica. Orientamenti terapeutici.
Minerva Otorinolaring 17:169-71, Sep-Oct 67 **(Ita)**
ADULT/ BLOOD COAGULATION TESTS/ CHRONIC DISEASE/ HUMAN/ MALE/ PREDNISONE, therapeutic use/ *PURPURA, complications/ TETRACYCLINE, therapeutic use/ TONSILLECTOMY/ *TONSILLITIS, complications

872. **Dixon GH, Ingles CJ, Jergil B, et al:** Protein transformations during differentiation of trout testis.
Canad Cancer Conf 8:76-102, 1969
ANIMAL EXPERIMENTS/ *CELL DIFFERENTIATION/ ELECTROPHORESIS, DISK/ GENES/ *GENETIC CODE/ HISTONES, metabolism/ MALE/ PHOSPHORUS ISOTOPES/ PROTAMINES, biosynthesis/ *PROTAMINES, metabolism/ RNA, MESSENGER, analysis/ SALMONIDAE/ SEX CHROMATIN, analysis/ SPERMATOZOA/ *TESTIS, metabolism

873. **Dmitriev VN:** O gormonoprofilaktike disgormonal'nykh giperplazii molochnykh zhelez u myshei.
Vop Onkol 15:59-61, 1969 **(Rus)**
ANIMAL EXPERIMENTS/ *BENZOPYRENES, antagonists & inhibitors/ BREAST DISEASES, chemically induced/ *BREAST DISEASES, prevention & control/ *CARCINOGENS, antagonists & inhibitors/ FEMALE/ *HYPERPLASIA, prevention & control/ LIGHT/ MICE/ *PRECANCEROUS CONDITIONS, prevention & control/ *TESTOSTERONE

874. **Doar JW, Wynn V:** Oral contraceptives and glucose tolerance. Lancet 1:1156, 7 Jun 69
BLOOD SUGAR, analysis/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ ETHINYL ESTRADIOL, pharmacodynamics/ FEMALE/ *GLUCOSE TOLERANCE TEST/ HUMAN/ HYDROCORTISONE, blood/ INSULIN, blood

875. **Dobrev Ts, Tenev S:** Prinos kum khirurgichnoto

lechenie na abdominalnila kriptorkhizum.
Khirurgiia (Sofiia) 21:382-9, 1968 (Bul)
*CRYPTORCHISM, surgery/ ENGLISH ABSTRACT/ HUMAN/ MALE/ METHODS

876. **Dobrovol'skiĭ LA:** Osobennosti dinamiki obmena P32 v iaichnikakh.
Med Radiol (Moskva) 12:65-9, Dec 67 (Rus)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ FEMALE/ *OVARY, analysis/ PHOSPHORUS ISOTOPES, administration & dosage/ *PHOSPHORUS ISOTOPES, analysis/ RATS

877. **Döcke F:** Ovulation-inducing action of clomiphene citrate in the rat. J Reprod Fertil 18:135-7, Feb 69
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ ANTERIOR CHAMBER/ *CLOMIPHENE, pharmacodynamics/ *CORPUS LUTEUM, drug effects/ FEMALE/ HYPOTHALAMUS, injuries/ INJECTIONS, SUBCUTANEOUS/ LIGHT/ OVARY, transplantation/ *OVULATION, drug effects/ RATS/ TESTOSTERONE/ TRANSPLANTATION, AUTOLOGOUS

878. **Dodge JA:** Pycnodysostosis.
Develop Med Child Neurol 11:103-4, Feb 69
*CARBOHYDRATE METABOLISM, INBORN ERRORS, diagnosis/ *CHONDROITIN/ CLEIDOCRANIAL DYSOSTOSIS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ *MUCOPOLYSACCHARIDES/ OSTEOPETROSIS, diagnosis

879. **Doe RP, Dickinson P, Zinneman HH, et al:** Elevated nonprotein-bound cortisol (NPC) in pregnancy, during estrogen administration and in carcinoma of the prostate. J Clin Endocr 29:757-66, Jun 69
AMINO ACIDS, urine/ BLOOD PROTEINS/ CARCINOMA, drug therapy/ *CARCINOMA, metabolism/ DIETHYLSTILBESTROL, therapeutic use/ *ETHINYL ESTRADIOL, pharmacodynamics/ FEMALE/ HISTIDINE, urine/ HUMAN/ HYDROCORTISONE, blood/ *HYDROCORTISONE, metabolism/ HYDROCORTISONE, urine/ 17-HYDROXYCORTICOSTEROIDS, blood/ MALE/ PERIODICITY/ *PREGNANCY/ PROGESTERONE/ PROTEIN BINDING/ THREONINE, urine

880. **Doering CH, Clayton RB:** Cholesterol side-chain cleavage activity in the adrenal gland of the young rat: development and responsiveness to adrenocorticotropin hormone.
Endocrinology 85:500-11, Sep 69
ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, enzymology/ ADRENAL GLANDS, growth & development/ ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ *ANIMALS, NEWBORN, metabolism/ CARBON ISOTOPES/ *CHOLESTEROL, metabolism/ *CORTICOTROPIN, pharmacodynamics/ FEMALE/ *LYASES, metabolism/ RATS/ STIMULATION, CHEMICAL/ STRESS, metabolism/ TRITIUM

881. **Does de Willebois AE va:** De la psychomotricité. Psychiat Neurol Neurochir 71:483-500, Nov-Dec 68 (31 ref.) (Fre)
AFFECT/ AGGRESSION/ CEREBRAL CORTEX, anatomy & histology/ CEREBRAL CORTEX, physiology/ DEFENSE MECHANISMS/ EMOTIONS/ ESCAPE REACTION/ HIPPOCAMPUS, anatomy & histology/ HIPPOCAMPUS, physiology/ HUMAN/ HYPOTHALAMUS, anatomy & histology/ HYPOTHALAMUS, pathology/ MOTOR ACTIVITY/ PSYCHOMOTOR DISORDERS, pathology/ *PSYCHOPHYSIOLOGY/ REVIEW

882. **Doktorczyk H, Gabryszewska M, Galązka A:** Kazuistyka pierwotnej niedoczynności przytarczyc.
Wiad Lek 22:389-92, 15 Feb 69 (Pol)
ADOLESCENCE/ ADULT/ CASE REPORT/ FEMALE/ HUMAN/ *HYPOPARATHYROIDISM

883. **Dokumov SI:** Ostrogene Wirkung und Serumkupfergehalt.
Z Geburtsh Gynaek 170:28-36, 1969 (Ger)
ADOLESCENCE/ ADULT/ *COPPER, blood/ DIETHYLSTILBESTROL, pharmacodynamics/ ENGLISH ABSTRACT/ ESTRIOL, pharmacodynamics/ *ESTROGENS, pharmacodynamics/ ETHINYL ESTRADIOL, pharmacodynamics/ FEMALE/ HUMAN/ MENSTRUATION DISORDERS, drug therapy/ METHODS/ MIDDLE AGE/ *PROGESTERONE, pharmacodynamics/ VAGINA, drug effects/ VAGINAL SMEARS

884. **Domagk GF, Zech R:** Intermediärstoffwechsel der Kohlenhydrate. Neuere Erkenntnisse und ihre medizinische Bedeutung.
Hippokrates 38:333-43, 15 May 67 (Ger)
CARBOHYDRATE METABOLISM, INBORN ERRORS/ *CARBOHYDRATES, metabolism/ ENZYMES, physiology/ FRUCTOSE, metabolism/ GALACTOSE, metabolism/ GLYCOGEN, metabolism/ GLYCOGENOSIS, classification/ HORMONES, physiology/ HUMAN

885. **Domon H, Washizuka N, Ishikawa M:** [Clinical use of combined tablets of norethisterone 1.0 mg and mestranol.05 mg]
Clin Endocr (Tokyo) 17:133-6, Feb 69 (Jap)
ADOLESCENCE/ ADULT/ *CONTRACEPTIVES, ORAL/ FEMALE/ HUMAN/ *MENSTRUATION DISORDERS, drug therapy/ MESTRANOL, adverse effects/ *NORETHINDRONE, administration & dosage/ NORETHINDRONE, adverse effects/ STERILITY, FEMALE, drug therapy/ TABLETS

886. **Donaldson EM:** Management of acne in midlands of Great Britain. J Amer Med Wom Ass 24:309-12, Apr 69
*ACNE, drug therapy/ CONTRACEPTIVES, ORAL, therapeutic use/ *COSMETICS, therapeutic use/ *DRUG HYPERSENSITIVITY, prevention & control/ ENGLAND/ HUMAN/ *TETRACYCLINE, therapeutic use

887. **Donaldson LE:** Effect of continued daily injections of oxytocin on oestrous cycle length and reproductive tract morphology in the cow.
J Reprod Fertil 18:259-63, Mar 69
ANIMAL EXPERIMENTS/ CATTLE/ CYSTS, chemically induced/ ENDOMETRIUM, drug effects/ *ESTRUS, drug effects/ FEMALE/ *GENITALIA, FEMALE, drug effects/ HYPERPLASIA, chemically induced/ OVARIAN CYSTS, chemically induced/ OVARY, drug effects/ OVIDUCTS, drug effects/ *OXYTOCIN, pharmacodynamics/ UTERINE DISEASES, chemically induced

888. **Donayre J:** The oestrous cycle of rats at high altitude.
J Reprod Fertil 18:29-32, Feb 69
*ALTITUDE/ ANIMAL EXPERIMENTS/ ANOXIA, physiopathology/ COLD CLIMATE/ ENVIRONMENT/ *ESTRUS/ FEMALE/ RATS/ STERILITY, FEMALE, etiology/ VAGINAL SMEARS

889. **Doneva V, Sadikario A, Zisovski N, et al:** Naše iskustvo u lečenju reumatiskog kardita pronizonom i acisalom.
God Zborn Med Fak Skopje 14:208-15, 1968 (Cro)
ADOLESCENCE/ *ASPIRIN, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ HUMAN/ *PREDNISONE, therapeutic use/ *RHEUMATIC FEVER, drug therapy/ *RHEUMATIC HEART DISEASE, drug therapy

890. **Doneva V, Sadikario A, Zisovski N, et al:** Naše iskustvo u lečenju reumatskog kardita pronizonom.
God Zborn Med Fak Skopje 14:216-24, 1968 (Cro)
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ HUMAN/ *PREDNISONE, therapeutic use/ *RHEUMATIC FEVER, drug therapy/ *RHEUMATIC HEART DISEASE, drug therapy

891. **Donini P:** Sull'ormone follicolo stimolante (FSH) urinario umano.
Minerva Ginec 19:902-6, 30 Sep 67 (Ita)
CHROMATOGRAPHY/ FEMALE/ FSH, biosynthesis/ FSH, isolation & purification/

*FSH, urine/ HUMAN/ IMMUNOELECTROPHORESIS/ MALE/ STERILITY, FEMALE/ STERILITY, MALE

892. **Donnadieu JM:** A propos de quelques interventions pour dystrophies ovariennes.
Maroc Med 49:59-61, Jan 69 (Fre)
ADOLESCENCE/ FEMALE/ HUMAN/ *OVARIAN DISEASES, surgery/ PREGNANCY

893. **Dopheide TA, Menzies CA, McQuillan MT, et al:** Studies with purified pig thyroglobulin and thyroid enzymes.
Biochim Biophys Acta 181:105-15, May 69
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CARBOXYPEPTIDASES/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ DIIODOTYROSINE/ GEL FILTRATION/ IODINE ISOTOPES/ IODOTYROSINE/ PEPTIDE HYDROLASES/ *PEPTIDE PEPTIDOHYDROLASES/ SWINE/ *THYROGLOBULIN/ THYROGLOBULIN, analysis/ *THYROID GLAND, enzymology/ THYROXINE

894. **Dor LG:** Notre experience dans 35 cas de nodules thyroidiens autonomes toxiques.
J Belg Radiol 52:33-9, 1969 (Fre)
ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERTHYROIDISM, etiology/ MALE/ MIDDLE AGE/ *RADIOISOTOPE SCANNING/ THYROID DISEASES, complications/ *THYROID DISEASES, diagnosis

895. **Döring G:** Konzeptionsregulierung.
Med Klin 64:564, 21 Mar 69 (Ger)
CONTRACEPTION/ CONTRACEPTIVES, ORAL/ *FAMILY PLANNING/ FEMALE/ HUMAN/ METHODS/ TIME FACTORS

896. **Dörner G, Staudt J:** Structural changes in the hypothalamic ventromedial nucleus of the male rat, following neonatal castration and androgen treatment. Neuroendocrinology 4:278-81, 1969
AGE FACTORS/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ *CASTRATION/ *HYPOTHALAMUS, anatomy & histology/ HYPOTHALAMUS, drug effects/ KARYOMETRY/ MALE/ RATS/ *SEX BEHAVIOR, ANIMAL/ *TESTOSTERONE, pharmacodynamics

897. **Dörr D, Wolf MB, Maloney JV Jr, et al:** The anomalous distribution of body water under an alkaline osmotic stress in hypothyroid dogs. J Surg Res 9:471-5, Aug 69
ALKALIES/ ANIMAL EXPERIMENTS/ BICARBONATES/ BLOOD CHEMICAL ANALYSIS/ *BODY FLUIDS, analysis/ CARBON ISOTOPES/ CHROMIUM ISOTOPES/ DOGS/ ERYTHROCYTES/ EXTRACELLULAR SPACE, analysis/ HEMATOCRIT/ *HYPOTHYROIDISM, metabolism/ HYPOTONIC SOLUTIONS/ INFUSIONS, PARENTERAL/ MODELS, BIOLOGIC/ OSMOSIS/ PLASMA VOLUME/ RADIOISOTOPE DILUTION TECHNIC/ SODIUM, analysis/ *STRESS, metabolism/ THYROIDECTOMY/ *WATER, metabolism/ *WATER-ELECTROLYTE BALANCE

898. **Doskočil M:** Transfilter influence of brain tissue on the differentiation of the stomodeal epithelium in vitro.
Ann Med Exp Biol Fenn 46:288-92, 1968
ANIMAL EXPERIMENTS/ *BRAIN, embryology/ *CELL DIFFERENTIATION/ EMBRYO, growth & development/ EMBRYOLOGY/ EPITHELIUM, embryology/ FILTERS/ METHODS/ MICE/ *PITUITARY GLAND, embryology/ TISSUE CULTURE

899. **Dott HM:** Preliminary examination of bull, ram and rabbit spermatozoa with the stereoscan electron microscope. J Reprod Fertil 18:133-4, Feb 69
ANIMAL EXPERIMENTS/ CATTLE/ CYTOPLASM/ EJACULATION/ MALE/ METHODS/ MICROSCOPY, ELECTRON/ MICROSCOPY, PHASE CONTRAST/ RABBITS/ SHEEP/ *SPERMATOZOA, cytology/ TESTIS

900. **Dougall AJ, Wilson RR:** Leiomyoma of the vas deferens.
Brit J Urol 41:348-50, Jun 69
ADULT/ HUMAN/ *LEIOMYOMA, diagnosis/ LEIOMYOMA, pathology/ MALE/ TESTICULAR NEOPLASMS, pathology/ TESTICULAR NEOPLASMS, surgery/ *UROGENITAL NEOPLASMS, diagnosis/ *VAS DEFERENS

901. **Dray F, Mowszowicz I, Ledru MJ, et al:** Anomalies de l'affinité de liaison de testostérone dans le sérum des sujets thyrotoxicosiques et dans le virilisme pilaire idiopathique. Augmentation de l'affinité de liaison après administration d'hormones thyroïdiennes, chez le sujet dont l'affinité est normale ou basse.
Ann Endocr (Paris) 30:Suppl:223-32, 1969 (Fre)
ADOLESCENCE/ ADULT/ *BLOOD PROTEINS/ FEMALE/ *HIRSUTISM, blood/ HUMAN/ *HYPERTHYROIDISM, blood/ MALE/ METABOLIC CLEARANCE RATE/ MIDDLE AGE/ PROTEIN BINDING/ *TESTOSTERONE, blood/ TESTOSTERONE, metabolism/ THYROXINE, pharmacodynamics/ TRIIODOTHYRONINE, pharmacodynamics

902. **Drechsler B, Laštovka M:** An electrophysiological study of patients with thyreopathy.
Electroenceph Clin Neurophysiol 26:234, Feb 69
*ACTION POTENTIALS/ ADENOMA, physiopathology/ ELECTROMYOGRAPHY/ GOITER, EXOPHTHALMIC, physiopathology/ HUMAN/ *HYPERTHYROIDISM, physiopathology/ *MYXEDEMA, physiopathology/ *NEURAL CONDUCTION/ THYROID NEOPLASMS, physiopathology/ TIME FACTORS/ ULNAR NERVE, physiopathology

903. **Dreisbach RH, Kalman SM:** Estrogen therapy.
New Eng J Med 281:108-9, 10 Jul 69
DIETHYLSTILBESTROL, administration & dosage/ ESTROGENS, administration & dosage/ ESTROGENS, adverse effects/ *ESTROGENS, therapeutic use/ ETHINYL ESTRADIOL, administration & dosage/ FEMALE/ HUMAN/ HYPERTENSION, chemically induced/ MENOPAUSE/ THROMBOEMBOLISM, chemically induced

904. **Drescher S:** Zur hemmwirkung von Metallsalzen auf die experimentelle Gefässcalcinose.
Beitr Path Anat 139:74-93, 1969 (Ger)
ACETATES/ ANIMAL EXPERIMENTS/ AORTA, pathology/ ARTERIES, pathology/ AXILLARY ARTERY, pathology/ CALCINOSIS, chemically induced/ *CALCINOSIS, pathology/ CAROTID ARTERIES, pathology/ CHLORIDES/ *COBALT, pharmacodynamics/ CORONARY VESSELS, pathology/ DIHYDROTACHYSTEROL, adverse effects/ *DIHYDROTACHYSTEROL, antagonists & inhibitors/ FEMALE/ FEMORAL ARTERY, pathology/ HISTOLOGICAL TECHNICS/ INJECTIONS, INTRAPERITONEAL/ *IRON-DEXTRAN COMPLEX, pharmacodynamics/ KIDNEY, pathology/ *MAGNESIUM, pharmacodynamics/ *MANGANESE, pharmacodynamics/ MYOCARDIUM, pathology/ NEPHROCALCINOSIS, chemically induced/ *NEPHROCALCINOSIS, pathology/ RATS/ VASCULAR DISEASES, chemically induced/ *VASCULAR DISEASES, pathology/ *ZINC, pharmacodynamics

905. **Drews J:** Klinische und biochemische Wirkungen der Glukokortikoide, dargestellt am Beispiel des Cushing-Syndroms.
Med Klin 64:773-80, 25 Apr 69 (31 ref.) (Ger)
AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ BONE AND BONES, drug effects/ BONE AND BONES, metabolism/ *CUSHING'S SYNDROME, metabolism/ ENZYME INDUCTION, drug effects/ *GLUCOCORTICOIDS, pharmacodynamics/ GLUCONEOGENESIS, drug effects/ HUMAN/ HYDROCORTISONE, pharmacodynamics/ HYDROCORTISONE, physiology/ LIVER, drug effects/ LIVER, metabolism/ LYMPHOCYTES, drug effects/ LYMPHOCYTES, metabolism/ MUSCLES, drug effects/ MUSCLES,

metabolism/ RATS/ REVIEW/ RNA, biosynthesis/ TRYPTOPHAN OXYGENASE, metabolism/ TYROSINE AMINOTRANSFERASE, metabolism

906. **Drews J:** Uber die Wirkung von Glucocorticoiden auf Thymuszellen.
Verh Deutsch Ges Inn Med 74:1251, 1968 **(Ger)**
ANIMAL EXPERIMENTS/ *GLUCOCORTICOIDS, pharmacodynamics/ RATS/ RIBONUCLEASE, biosynthesis/ *THYMUS GLAND, drug effects

907. **Drożdż H, Jędrychowski A, Zasowska K, et al:** Corticotherapy of viral hepatitis in the light of enzymologic studies. Acta Med Pol 10:137-50, 1969
*ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ CHILD/ FEMALE/ *HEPATITIS, INFECTIOUS, drug therapy/ *HEPATITIS, INFECTIOUS, enzymology/ HUMAN

908. **Druet P, Dryll A, Ryckewaert A, et al:** Polyarthrite rhumatoïde et leucose lymphoïde chronique. Etude de 7 cas d'association de ces deux affection.
Sem Hop Paris 45:489-98, 14 Feb 69 **(Fre)**
ADULT/ AGE FACTORS/ AGED/ ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ *ARTHRITIS, RHEUMATOID, complications/ ARTHRITIS, RHEUMATOID, drug therapy/ ARTHRITIS, RHEUMATOID, occurrence/ AUTOIMMUNE DISEASES, complications/ CHLORAMBUCIL, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ HODGKIN'S DISEASE, complications/ HUMAN/ IMMUNOELECTROPHORESIS/ IMMUNOSUPPRESSIVE AGENTS, adverse effects/ *LEUKEMIA, LYMPHOCYTIC, complications/ LEUKEMIA, LYMPHOCYTIC, drug therapy/ LEUKEMIA, LYMPHOCYTIC, occurrence/ LYMPHOMA, complications/ LYMPHOSARCOMA, complications/ MALE/ MIDDLE AGE/ PREDNISONE, therapeutic use/ SEX FACTORS/ STATISTICS/ VIRUS DISEASES, complications

909. **Drüner HU, Böttcher H, Hecker WC:** Beitrag zur Prognose maligner Teratome.
Bruns Beitr Klin Chir 216:693-7, Dec 68 **(Ger)**
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INFANT/ LIVER NEOPLASMS/ MALE/ MEDIASTINAL NEOPLASMS/ NEOPLASM METASTASIS/ PROGNOSIS/ SPINAL NEOPLASMS/ *TERATOID TUMOR/ *TESTICULAR NEOPLASMS

910. **Dubovský J:** Nové názory na mechanismus účinku hormonů. Vnitrni Lek 15:426-30, May 69 **(Cze)**
CYTOPLASM/ DNA/ ENGLISH ABSTRACT/ ENZYME INDUCTION/ GENES/ GENETIC CODE/ GENETICS, HUMAN/ *HORMONES, physiology/ HUMAN/ RIBOSOMES/ RNA, biosynthesis

911. **Dubrovina ZV:** Ob obmene radiostrontsiia i radiokal'tsiia v organizme pri giperkal'tsiemii.
Radiobiologiia 8:684-8, Sep-Oct 68 **(Rus)**
ANIMAL EXPERIMENTS/ CALCIUM ISOTOPES, analysis/ CALCIUM ISOTOPES, blood/ *CALCIUM ISOTOPES, metabolism/ HYPERCALCEMIA, blood/ *HYPERCALCEMIA, metabolism/ MUSCULOSKELETAL SYSTEM, analysis/ RATS/ STRONTIUM ISOTOPES, analysis/ STRONTIUM ISOTOPES, blood/ *STRONTIUM ISOTOPES, metabolism

912. **Duby RT, McDaniel JW, Spilman CH, et al:** Utero-ovarian relationships in the golden hamster. 3. Influence of uterine transplants and extracts on ovarian function following hysterectomy.
Acta Endocr (Kobenhavn) 60:611-20, Apr 69
ANIMAL EXPERIMENTS/ CHEEK/ CORPUS LUTEUM, physiology/ ENDOMETRIUM/ FEMALE/ *HAMSTERS, physiology/ HYSTERECTOMY/ MICE/ *OVARY, physiology/ PREGNANCY/ *PSEUDOPREGNANCY/ RATS/ TIME FACTORS/ TISSUE EXTRACTS/ TRANSPLANTATION, AUTOLOGOUS/ TRANSPLANTATION, HETEROLOGOUS/ *UTERUS, physiology/ UTERUS, transplantation

913. **Duby RT, McDaniel JW, Spilman CH, et al:** Utero-ovarian relationships in the golden hamster. I. Ovarian periodicity following hysterectomy.
Acta Endocr (Kobenhavn) 60:595-602, Apr 69
ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ CORPUS LUTEUM, physiology/ *ESTRUS/ FEMALE/ *HAMSTERS, physiology/ HYSTERECTOMY/ *OVARY, physiology/ PERIODICITY/ PREGNANCY/ PSEUDOPREGNANCY/ TIME FACTORS/ *UTERUS, physiology

914. **Duby RT, McDaniel JW, Spilman CH, et al:** Utero-ovarian relationships in the golden hamster. II. Quantitative and local influences of the uterus on ovarian function.
Acta Endocr (Kobenhavn) 60:603-10, Apr 69
ANIMAL EXPERIMENTS/ CASTRATION/ *CORPUS LUTEUM, physiology/ ESTRUS/ FEMALE/ *HAMSTERS, physiology/ HYSTERECTOMY/ *OVARY, physiology/ OVARY, transplantation/ PSEUDOPREGNANCY/ TIME FACTORS/ TRANSPLANTATION, AUTOLOGOUS/ UTERUS, anatomy & histology/ *UTERUS, physiology

915. **Ducker TB, Hamit HF:** Experimental treatments of acute spinal cord injury. J Neurosurg 30:693-7, Jun 69
ACUTE DISEASE/ ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ *DEXAMETHASONE, therapeutic use/ DOGS/ EDEMA, therapy/ FEMALE/ GELFOAM, therapeutic use/ *HYPOTHERMIA, INDUCED/ INJECTIONS, INTRAMUSCULAR/ INJECTIONS, INTRATHECAL/ MALE/ *METHYLPREDNISOLONE, therapeutic use/ MOVEMENT DISORDERS, therapy/ SPINAL CORD, pathology/ SPINAL CORD INJURIES, drug therapy/ *SPINAL CORD INJURIES, therapy

916. **Dugan FA, Radhakrishnamurthy B, Rudman RA, et al:** Stimulation of synthesis of glycoprotein enzymes in the rat uterus by oestradiol. J Endocr 42:261-6, Oct 68
ACID PHOSPHATASE, analysis/ ALKALINE PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ ELECTROPHORESIS/ ESTERASES, analysis/ *ESTRADIOL, pharmacodynamics/ FEMALE/ GLYCOPROTEINS, analysis/ *GLYCOPROTEINS, biosynthesis/ NEURAMINIC ACIDS, analysis/ PEROXIDASES, analysis/ PROTEINS, analysis/ RATS/ UTERUS, analysis/ *UTERUS, drug effects/ *UTERUS, enzymology/ UTERUS, metabolism

917. **Dugois P, Ambiard P, Gagnaire J, et al:** Abcès étagés de jambe après phlébosclérose: complication d'une septicémie d'origine dentaire.
Lyon Med 219:1849-51, 29 Dec 68 **(Fre)**
FOCAL INFECTION, DENTAL/ HUMAN/ LEG ULCER, complications/ *LEG ULCER, etiology/ MALE/ MIDDLE AGE/ PITUITARY GLAND, drug effects/ SCLEROSIS/ *STREPTOCOCCAL INFECTIONS, complications/ *TOOTH DISEASES, complications/ *VASCULAR DISEASES, complications

918. **Dujovne CA, Clark R, Lasagna L:** Calcium and CNS symptoms. New Eng J Med 281:271-2, 31 Jul 69
*ANTICONVULSANTS, adverse effects/ *CALCIUM, metabolism/ *EPILEPSY, drug therapy/ EPILEPSY, metabolism/ HUMAN

919. **Duma H, Vaskov B, Petkov G, et al:** Proteini, masti i jagleni hidrati vo humanoto mleko.
God Zborn Med Fak Skopje 14:140-6, 1968 **(Ser)**
ADULT/ *FATS, analysis/ FEMALE/ HUMAN/ LACTATION/ *LACTOSE, analysis/ *MILK, HUMAN, analysis/ PREGNANCY/ *PROTEINS, analysis

920. **Dunaev PV:** Reaktsiia tkaneĭ shchitovidnoĭ zhelezy na

razdrazhiteli pri razlichnykh sostoianiiakh gormonal'nogo balansa i luchevoi bolezni. Biull Eksp Biol Med 63:109-12, Apr 67 (Rus)
ANIMAL EXPERIMENTS/ *COAL TAR, pharmacodynamics/ DNA, analysis/ EPITHELIUM, pathology/ HISTOCYTOCHEMISTRY/ MALE/ MUCOPOLYSACCHARIDES, analysis/ RABBITS/ RADIATION INJURY, EXPERIMENTAL, pathology/ RNA, analysis/ THYROID GLAND, analysis/ THYROID GLAND, drug effects/ *THYROID GLAND, pathology/ THYROIDECTOMY

921. **Duncan IB**: A comparative study of 63 strains of ECHO virus type 30. Arch Ges Virusforsch 25:93-104, 1968
ANIMAL EXPERIMENTS/ *ECHO VIRUSES/ ECHO VIRUSES, classification/ ECHO VIRUSES, isolation & purification/ FIBROBLASTS/ HEMAGGLUTINATION INHIBITION TESTS/ HEMAGGLUTINATION TESTS/ HUMAN/ IMMUNE SERUMS/ KIDNEY/ MONKEYS/ NEUTRALIZATION TESTS/ SEROTYPING/ THYROID GLAND/ TISSUE CULTURE/ *VIRUS CULTIVATION

922. **Dunn HG**: The Prader-Labhart-Willi syndrome: review of the literature and report of nine cases. Acta Paediat Scand Suppl 186:1+, 1968
ADOLESCENCE/ ADULT/ AGE FACTORS/ BLOOD GROUPS/ BONE AND BONES, radiography/ *CARBOHYDRATE METABOLISM, INBORN ERRORS/ CHILD/ CHILD, PRESCHOOL/ CHROMOSOME ABNORMALITIES/ DENTAL CARIES SUSCEPTIBILITY/ DERMATOGLYPHICS/ DIET, REDUCING/ ELECTROENCEPHALOGRAPHY/ ELECTROMYOGRAPHY/ FEMALE/ GLUCOSE TOLERANCE TEST/ HUMAN/ HYPOTHALAMUS, physiopathology/ INFANT/ INFANT, NEWBORN/ KARYOTYPING/ 17-KETOSTEROIDS, urine/ LANGUAGE DEVELOPMENT, complications/ MALE/ MENTAL RETARDATION/ *METABOLISM, INBORN ERRORS/ OBESITY/ OBESITY, drug therapy/ PHENMETRAZINE, therapeutic use/ PREDIABETIC STATE/ PREGNANCY/ SEX FACTORS

923. **Dunn J, Critchlow V**: Feedback suppression of 'non-stress' pituitary-adrenal function in rats with forebrain removed.
Neuroendocrinology 4:296-308, 1969
ANIMAL EXPERIMENTS/ BRAIN STEM, surgery/ CORTICOSTERONE, blood/ CORTICOTROPIN, secretion/ DEXAMETHASONE, pharmacodynamics/ *FEEDBACK/ FEMALE/ *FRONTAL LOBE, physiology/ FRONTAL LOBE, surgery/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ *HYPOTHALAMUS, physiology/ *PITUITARY-ADRENAL SYSTEM/ RATS

924. **Dunstone JR**: Fractionation in a density gradient of some glycoproteins from human ovarian cyst fluids.
Europ J Biochem 9:128-32, 1 May 69
AMINO ACIDS, analysis/ BLOOD GROUPS/ CARBOHYDRATES, analysis/ CENTRIFUGATION, DENSITY GRADIENT/ CHEMISTRY, ANALYTICAL/ FEMALE/ GLYCOPROTEINS, analysis/ *GLYCOPROTEINS, isolation & purification/ HEXOSAMINES, analysis/ HUMAN/ IMMUNOCHEMISTRY/ METHODS/ *OVARIAN CYSTS/ PEPTIDES, analysis/ SOLUBILITY

925. **Durbidge TK**: The use of oestrogens in chronic suppurative otitis media. Report of two cases.
J Otolaryng Soc Aust 2:90, Mar 69
CASE REPORT/ CHILD/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ *ESTROGENS, therapeutic use/ FEMALE/ HUMAN/ MALE/ *OTITIS MEDIA, drug therapy/ SUPPURATION, drug therapy

926. **Dussek JE**: Hypertension and the pill.
Brit Med J 3:416-7, 16 Aug 69
ADULT/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ HYPERTENSION, chemically induced

927. **Dutt AK, Lopez CG, Ganesan S, et al**: Acute disseminated histiocytosis X: a case with transition from eosinophilic granuloma of bone to Letterer-Siwe disease. Aust Ann Med 18:135-7, May 69
ACUTE DISEASE/ *BONE DISEASES, complications/ BONE DISEASES, pathology/ BONE DISEASES, radiography/ BONE MARROW CELLS/ CYCLOPHOSPHAMIDE, therapeutic use/ *EOSINOPHILIC GRANULOMA, complications/ EOSINOPHILIC GRANULOMA, pathology/ EOSINOPHILIC GRANULOMA, radiography/ FEMALE/ HUMAN/ INFANT/ *LETTERER-SIWE DISEASE, etiology/ LETTERER-SIWE DISEASE, pathology/ PREDNISONE, therapeutic use/ RETICULOENDOTHELIOSIS, drug therapy/ SKULL, radiography

928. **Dutta SN, Sanyal RK**: Effect of some synthetic progestational steroids on uterine contractions.
Indian J Med Sci 23:11-3, Jan 69
ANIMAL EXPERIMENTS/ FEMALE/ MICE/ *MUSCLE CONTRACTION, drug effects/ *PROGESTATIONAL HORMONES, pharmacodynamics/ RATS/ *TESTOSTERONE, pharmacodynamics/ *UTERUS, drug effects

929. **Dworetzky M**: The dangers of therapeutic agents used in the treatment of asthma.
Southern Med J 62:649-54, Jun 69
AMINOPHYLLINE, adverse effects/ ANALGESICS AND ANTIPYRETICS, adverse effects/ ANTIHISTAMINICS, adverse effects/ *ASTHMA, drug therapy/ *BARBITURATES, adverse effects/ EPINEPHRINE, adverse effects/ HUMAN/ INTUBATION, INTRATRACHEAL, adverse effects/ IODIDES, adverse effects/ *OPIUM, adverse effects/ OXYGEN INHALATION THERAPY, adverse effects/ STEROIDS, adverse effects/ THEOPHYLLINE, adverse effects

E

930. **Earley LE, Daugharty TM**: Sodium metabolism.
New Eng J Med 281:72-86, 10 Jul 69 (135 ref.)
ADRENAL CORTEX HORMONES, physiology/ ADULT/ ALDOSTERONE, physiology/ ANGIOTENSIN, physiology/ ANIMAL EXPERIMENTS/ ASCITES, physiopathology/ BIOLOGICAL TRANSPORT, ACTIVE/ CATS/ DOGS/ *EDEMA, physiopathology/ EXTRACELLULAR SPACE, physiology/ GLOMERULAR FILTRATION RATE/ HEMODYNAMICS/ HORMONES, physiology/ HUMAN/ KIDNEY, blood supply/ *KIDNEY, physiology/ KIDNEY GLOMERULUS, physiology/ KIDNEY TUBULES, physiology/ *NATRIURESIS/ RATS/ REGIONAL BLOOD FLOW/ RENIN, physiology/ REVIEW/ *SODIUM, metabolism/ SODIUM, urine

931. **Earll JM, Cohen A, Lundberg GD**: Functional cystic parathyroid adenoma. Amer J Surg 118:100-3, Jul 69
ADULT/ BLOOD PRESSURE/ CALCIUM, blood/ *CYSTADENOMA, PAPILLARY, diagnosis/ CYSTADENOMA, PAPILLARY, pathology/ CYSTADENOMA, PAPILLARY, surgery/ HUMAN/ HYPERCALCEMIA, diagnosis/ *HYPERPARATHYROIDISM, diagnosis/ HYPERTENSION, diagnosis/ MALE/ *PARATHYROID NEOPLASMS, diagnosis/ PARATHYROID NEOPLASMS, pathology/ PARATHYROID NEOPLASMS, surgery/ PHOSPHORUS, blood/ THYROGLOSSAL CYST, diagnosis

932. **Earll JM, Newman SG, DiRaimondo VC**: Bilateral testicular tumors in untreated congenital adrenocortical hyperplasia. JAMA 209:937-9, 11 Aug 69
*ADRENAL GLAND DISEASES, complications/ ADRENAL GLAND DISEASES, congenital/ ADRENAL GLAND HYPERFUNCTION/ ADRENAL GLAND HYPOFUNCTION/ ADRENAL GLAND NEOPLASMS, pathology/ ADRENALECTOMY/ ADULT/ CORTICOTROPIN, secretion/ HUMAN/

HYPERPLASIA, complications/ HYPERPLASIA, congenital/ *LEYDIG CELL TUMOR, etiology/ MALE/ *TESTICULAR NEOPLASMS, etiology/ TESTICULAR NEOPLASMS, pathology/ TESTICULAR NEOPLASMS, surgery

933. **Ebringer A, Mackay IR:** Pemphigus vulgaris successfully treated with cyclophosphamide. Ann Intern Med 71:125-7, Jul 69
*AUTOIMMUNE DISEASES, drug therapy/ CASE REPORT/ *CYCLOPHOSPHAMIDE, therapeutic use/ FEMALE/ HUMAN/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ MIDDLE AGE/ *PEMPHIGUS, drug therapy/ *PREDNISOLONE, adverse effects

934. **Echt CR, Romberger FT, Goodman JA:** Clomiphene citrate in the treatment of luteal phase defects. Fertil Steril 20:564-71, Jul-Aug 69
ADULT/ BIOPSY/ BODY TEMPERATURE/ CITRATES/ CLINICAL RESEARCH/ *CLOMIPHENE, therapeutic use/ *CORPUS LUTEUM/ ENDOMETRIUM, pathology/ FEMALE/ HUMAN/ *OVARIAN DISEASES, drug therapy/ PLACEBOS/ PREGNANCY/ *STERILITY, FEMALE, drug therapy

935. **Eddy EM, Walker BE:** Cytoplasmic fine structure during hormonally controlled differentiation in vaginal epithelium. Anat Rec 164:205-17, Jun 69
ANIMAL EXPERIMENTS/ CASTRATION/ *CELL DIFFERENTIATION, drug effects/ CYTOPLASM, drug effects/ EPITHELIUM, cytology/ EPITHELIUM, drug effects/ *ESTRADIOL, pharmacodynamics/ FEMALE/ INJECTIONS, SUBCUTANEOUS/ MICE/ MICROSCOPY, ELECTRON/ OVARY, physiology/ *PROGESTERONE, pharmacodynamics/ RIBOSOMES/ *VAGINA, cytology/ VAGINA, drug effects

936. **Edlich RF, Custer J, Madden J, et al:** Studies in management of the contaminated wound. 3. Assessment of the effectiveness of irrigation with antiseptic agents. Amer J Surg 118:21-30, Jul 69
ALCOHOL, ETHYL, administration & dosage/ ANIMAL EXPERIMENTS/ *ANTI-INFECTIVE AGENTS, LOCAL, administration & dosage/ BACTERIOLOGICAL TECHNICS/ BENZALKONIUM CHLORIDE, administration & dosage/ CHLORAMINES, administration & dosage/ CULTURE MEDIA/ GUINEA PIGS/ INFLAMMATION/ IODINE, administration & dosage/ IRRIGATION/ PHENOLS, administration & dosage/ POVIDONE-IODINE, administration & dosage/ ROSANILINE DYES, administration & dosage/ SILVER NITRATE, administration & dosage/ SODIUM CHLORIDE, administration & dosage/ SOLUTIONS/ *WOUND INFECTION, drug therapy

937. **Edwards CL, Hayes RL:** Tumor scanning with 67Ga citrate. J Nucl Med 10:103-5, Feb 69
AGED/ *CARCINOMA, diagnosis/ FEMALE/ *GALLIUM/ *HODGKIN'S DISEASE, diagnosis/ HUMAN/ LYMPHOMA, diagnosis/ MALE/ MIDDLE AGE/ *RADIOISOTOPE SCANNING/ *THYROID NEOPLASMS, diagnosis

938. **Edwards IS:** Psychiatric aspects of oral contraceptives. Med J Aust 1:1054-5, 17 May 69
BODY WEIGHT, drug effects/ *CONTRACEPTIVES, ORAL, adverse effects/ DEPRESSION, etiology/ FEMALE/ HUMAN/ LIBIDO/ NEUROSES, etiology/ PROGESTERONE, administration & dosage/ PROGESTERONE, adverse effects

939. **Edwards RL:** The induction of ovulation. Dist Nurs 12:64-7, Jul 69
AMENORRHEA, therapy/ CLOMIPHENE, therapeutic use/ FSH, therapeutic use/ GONADOTROPINS, PITUITARY, therapeutic use/ OVULATION/ SPECIAL LIST NURSING

940. **Efimov IN:** O sviazi mezhdu radiozashchitnym deĭstviem androgenov i ikh anabolicheskim deĭstviem. Radiobiologiia 8:758-60, Sep-Oct 68 **(Rus)**
*ANDROGENS, therapeutic use/ ANIMAL EXPERIMENTS/ MALE/ *RADIATION INJURY, prevention & control/ *RADIATION-PROTECTIVE AGENTS, therapeutic use/ RATS

941. **Egert G, Lendle L:** Reversibilität der Schädigung weiblicher Gonaden durch Cytostatica. Arzneimittelforschung 19:1-5, Jan 69 **(Ger)**
ABNORMALITIES, DRUG-INDUCED/ ANIMAL EXPERIMENTS/ COLCHICINE, administration & dosage/ *COLCHICINE, pharmacodynamics/ DEPRESSION, CHEMICAL/ *ESTRUS, drug effects/ FEMALE/ FERTILITY, drug effects/ FETAL DEATH, chemically induced/ *GONADS, drug effects/ MALE/ NIDATION, drug effects/ OVULATION, drug effects/ OVUM, drug effects/ RATS/ SULFIDES, administration & dosage/ *SULFIDES, pharmacodynamics

942. **Eggers C, Stutte H:** Zur nosologischen Umgrenzung der kindlichen und präpuberalen Schizophrenie aus katamnestischer Sicht. Fortschr Neurol Psychiat 37:305-18, Jun 69 **(Ger)**
AGE FACTORS/ CHILD/ CHILD BEHAVIOR DISORDERS/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HALLUCINATIONS, diagnosis/ HUMAN/ MALE/ NEUROSES, diagnosis/ PARANOIA, diagnosis/ PERSONALITY/ PUBERTY/ *SCHIZOPHRENIA, CHILDHOOD, classification/ SCHIZOPHRENIA, CHILDHOOD, diagnosis

943. **Egorov PI, Tsfasman AZ:** K diagnostike i lecheniiu zabolevaniĭ shchitovidnoĭ zhelezy radioaktivnym ĭodom. Ter Arkh 39:5-9, Mar 67 (42 ref.) **(Rus)**
GOITER, radiotherapy/ GOITER, EXOPHTHALMIC, radiotherapy/ HUMAN/ *IODINE ISOTOPES, therapeutic use/ IODINE ISOTOPES, DIAGNOSTIC/ NEOPLASM METASTASIS, radiotherapy/ RADIOISOTOPE SCANNING/ REVIEW/ THYROID DISEASES, diagnosis/ THYROID DISEASES, radiotherapy/ *THYROID DISEASES, therapy/ *THYROID GLAND FUNCTION TESTS/ THYROID NEOPLASMS, diagnosis/ *THYROID NEOPLASMS, drug therapy/ THYROID NEOPLASMS, radiotherapy

944. **Egozcue J, Garcia FP:** Métodos de diagnóstico citogenético prenatal. Sangre (Barc) 14:83-90, 1969 **(Spa)**
ABORTION, THERAPEUTIC/ AMNIOTIC FLUID, cytology/ ANIMAL EXPERIMENTS/ CHROMOSOMES/ *CYTODIAGNOSIS/ ENGLISH ABSTRACT/ FETUS/ METHODS/ MONKEYS/ *PREGNANCY, ANIMAL/ SEX CHROMATIN, analysis

945. **Ehrlich HP, Hunt TK:** The effects of cortisone and anabolic steroids on the tensile strength of healing wounds. Ann Surg 170:203-6, Aug 69
*ANABOLIC STEROIDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ CORTISONE, antagonists & inhibitors/ *CORTISONE, pharmacodynamics/ RATS/ TESTOSTERONE, pharmacodynamics/ VITAMIN A, pharmacodynamics/ *WOUND HEALING, drug effects

946. **Eĭber NS:** Opredelenie soderzhaniia éstrogenov v moche metodom Ittrikha. Lab Delo 9:541-2, 1967 **(Rus)**
*ESTROGENS, urine/ FEMALE/ HUMAN/ METHODS/ PREGNANCY

947. **Eilberg R, Mori K:** Early stages of in vitro calcification of human aortic tissue. Nature (London) 223:518-20, 2 Aug 69
ADULT/ AGED/ *AORTA, metabolism/ *CALCIFICATION, PHYSIOLOGIC/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ FEMALE/ HUMAN/ IN VITRO/ MALE/ MIDDLE AGE/ PHOSPHORUS, metabolism/ PHOSPHORUS ISOTOPES/ TIME FACTORS

948. **Eisenbud M, Laurer GR, Rosen JC, et al:** In vivo measurement of lead-210 as an indicator of cumulative radon daughter exposure in uranium miners. Health Phys 16:637-46, May 69
ADIPOSE TISSUE/ BONE AND BONES, metabolism/ COLORADO/ *ENVIRONMENT/

ENVIRONMENTAL EXPOSURE/ GAMMA SPECTROMETRY/ HUMAN/ *LEAD, metabolism/ *MINING/ MODELS, BIOLOGIC/ *RADIATION MONITORING/ RADIOISOTOPES/ *RADON/ URANIUM/ UTAH

949. **Eisenstadt WS, Nicholas SS:** The adverse effect of adrenergic aerosols in bronchial asthma. Ann Allerg 27:283-8, Jun 69
AEROSOLS/ *ASTHMA, drug therapy/ CORTISONE, therapeutic use/ HUMAN/ ISOPROTERENOL, administration & dosage/ ISOPROTERENOL, adverse effects/ SYMPATHOMIMETICS, administration & dosage/ *SYMPATHOMIMETICS, adverse effects

950. **Eisner E:** The effect of hormone treatment upon the duration of incubation in the Bengalese finch. Behaviour 33:262-76, 1969
*BIRDS/ *ESTROGENS, pharmacodynamics/ FEMALE/ MATERNAL BEHAVIOR, drug effects/ *PROGESTERONE, pharmacodynamics/ *PROLACTIN, pharmacodynamics/ REPRODUCTION

951. **Eleftheriou BE, Church RL:** Levels of hypothalamic luteinizing hormone-releasing factor after exposure to aggression (defeat) in C57BL-6J mice. J Endocr 42:347-8, Oct 68
*AGGRESSION/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ FEMALE/ *LH, analysis/ MALE/ MICE/ *PITUITARY HORMONE RELEASING FACTORS, analysis/ RATS

952. **Elliott RC:** Centrally active drugs and the medullary vasopressor response of the cat; a method of distinguishing between drug actions on the central and peripheral parts of the sympathetic nervous system. Int J Neuropharmacol 8:117-29, Mar 69
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *ATROPINE, pharmacodynamics/ AZACYCLONOL, pharmacodynamics/ BENACTYZINE, pharmacodynamics/ BLOOD PRESSURE, drug effects/ CATS/ CHLORPROMAZINE, pharmacodynamics/ DEXTRAN, pharmacodynamics/ ELECTRIC STIMULATION/ FEMORAL ARTERY, drug effects/ HYDROXYZINE, pharmacodynamics/ MEBUTAMATE, pharmacodynamics/ *MEDULLA OBLONGATA, drug effects/ METHODS/ PERPHENAZINE, pharmacodynamics/ PRESSORECEPTORS, drug effects/ PROCHLORPERAZINE, pharmacodynamics/ PROMAZINE, pharmacodynamics/ *SYMPATHETIC NERVOUS SYSTEM, drug effects/ TEMPERATURE/ TRANQUILIZING AGENTS, administration & dosage/ *TRANQUILIZING AGENTS, pharmacodynamics

953. **Ellis LC:** The direct action of melatonin and serotonin on testicular androgen production in vitro. J Reprod Fertil 18:159, Feb 69
*ANDROGENS, biosynthesis/ ANIMAL EXPERIMENTS/ DEPRESSION, CHEMICAL/ IN VITRO/ 17-KETOSTEROIDS, biosynthesis/ MALE/ *MELATONIN, pharmacodynamics/ PREGNENOLONE, metabolism/ PROGESTERONE, metabolism/ RATS/ *SEROTONIN, pharmacodynamics/ *TESTIS, drug effects/ TESTIS, metabolism/ TESTOSTERONE, biosynthesis/ TESTOSTERONE, metabolism

954. **Elner A, Fex S, Ingelstedt S:** Nerve injury in thyroid surgery. Acta Chir Scand 134:103-5, 1968
FEMALE/ HUMAN/ *LARYNGEAL NERVES, injuries/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *SURGERY, OPERATIVE, adverse effects/ *THYROID GLAND, surgery/ *VOCAL CORD PARALYSIS, etiology/ VOCAL CORD PARALYSIS, prevention & control

955. **Eltayeb AA:** Schistosomiasis of the epididymis. Brit J Surg 56:552-3, Jul 69
BIOPSY/ CHILD/ *EPIDIDYMIS/ EPIDIDYMIS, pathology/ *GENITAL DISEASES, MALE/ HUMAN/ MALE/ MICROTOMY/ *SCHISTOSOMIASIS, diagnosis/ SCHISTOSOMIASIS, pathology/ SCHISTOSOMIASIS, surgery/ TESTIS, pathology

956. **Emanuel MB, Oakey RE:** Effect of Zn++ on the binding of oestradiol-17 beta to a uterine protein. Nature (London) 223:66-7, 5 Jul 69
ANIMAL EXPERIMENTS/ CATTLE/ *ESTRADIOL/ FEMALE/ GEL FILTRATION/ PROTEIN BINDING/ *PROTEINS/ SPECTROPHOTOMETRY/ TRITIUM/ UTERUS/ *ZINC, pharmacodynamics

957. **Emirgil C, Sobol BJ, Williams MH Jr:** Long-term study of pulmonary sarcoidosis. The effect of steroid therapy as evaluated by pulmonary function studies. J Chronic Dis 22:69-86, Jul 69
ADULT/ CARBON DIOXIDE, blood/ FEMALE/ HUMAN/ *LUNG DISEASES, drug therapy/ LUNG DISEASES, physiopathology/ MALE/ MIDDLE AGE/ OXYGEN, blood/ *PREDNISONE, therapeutic use/ *SARCOIDOSIS, drug therapy/ SARCOIDOSIS, physiopathology/ SPIROMETRY/ THORACIC RADIOGRAPHY

958. **Emmens CW, Miller BG:** Estrogens, proestrogens and antiestrogens. Steroids 13:725-30, Jun 69
ANDROSTANES/ ANIMAL EXPERIMENTS/ CELL NUCLEUS/ DIETHYLSTILBESTROL, pharmacodynamics/ ESTRADIOL, pharmacodynamics/ *ESTROGENS/ *ESTROGENS, antagonists & inhibitors/ ESTROGENS, pharmacodynamics/ FEMALE/ GENITALIA, FEMALE, metabolism/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS/ MICE/ RATS/ RECEPTORS, DRUG/ RNA, biosynthesis/ STEROLS/ TESTOSTERONE, pharmacodynamics/ TIME FACTORS/ UTERUS, drug effects

959. **Endröczi E:** Effect of sex hormones on the electrical activity of brain stem and diencephalon in castrated female rats. Acta Physiol Acad Sci Hung 35:31-9, 1969
ANIMAL EXPERIMENTS/ *BRAIN STEM, drug effects/ CASTRATION/ *DIENCEPHALON, drug effects/ ELECTRIC STIMULATION/ *ESTRADIOL, pharmacodynamics/ EVOKED POTENTIALS/ FEMALE/ *OVARY, physiology/ *PROGESTERONE, pharmacodynamics/ RATS

960. **Engelberth O, Jezková Z, Beňkovová H:** Výskyt protilátek, cukrovy a lymfomu u stavu podminenych poruchami chromosomu. Sborn Lek 71:123-30, May 69 (Cze)
*ANTIBODY FORMATION/ *CHROMOSOME ABNORMALITIES, complications/ CHROMOSOME ABNORMALITIES, familial & genetic/ CHROMOSOME ABNORMALITIES, immunology/ CHROMOSOME ABNORMALITIES, occurrence/ DIABETES MELLITUS, occurrence/ ENGLISH ABSTRACT/ FEMALE/ HODGKIN'S DISEASE, complications/ HUMAN/ KLINEFELTER'S SYNDROME, complications/ MALE/ MONGOLISM, complications/ THYROGLOBULIN/ TURNER'S SYNDROME, complications

961. **Engelmann F:** Female specific protein: biosynthesis controlled by corpus allatum in Leucophaea maderae. Science 165:407-9, 25 Jul 69
ANIMAL EXPERIMENTS/ BLOOD PROTEIN ELECTROPHORESIS/ *BLOOD PROTEINS, biosynthesis/ CARBON ISOTOPES/ FEMALE/ IMMUNOELECTROPHORESIS/ INSECTS/ LEUCINE, metabolism/ *OVUM, physiology/ *SEX CHARACTERISTICS/ *SEX HORMONES, physiology

962. **Engfeldt B, Hjertquist SO:** The effect of strontium administration on bones and teeth of rats maintained on diets with different calcium contents. Virchow Arch [Path Anat] 346:330-44, 1969
ANIMAL EXPERIMENTS/ CALCIUM, blood/ *CALCIUM, DIETARY/ DRUG SYNERGISM/

EPIPHYSES, drug effects/ HISTOCYTOCHEMISTRY/ *INCISOR, drug effects/ METHODS/ MICROSCOPY/ ODONTOGENESIS, drug effects/ PHOSPHORUS, blood/ RATS/ RICKETS, chemically induced/ STAINS AND STAINING/ STRONTIUM, blood/ *STRONTIUM, pharmacodynamics/ *TIBIA, drug effects/ TOOTH CALCIFICATION, drug effects/ VITAMIN D

963. **Entman ML, Cook JW Jr, Bressler R:** Effect of cardiotonic lactones on calcium metabolism of dog cardiac microsomes. Circ Res 24:793-8, Jun 69
ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ DOGS/ *LACTONES, pharmacodynamics/ *MICROSOMES, metabolism/ *MYOCARDIUM, metabolism/ *OUABAIN, pharmacodynamics

964. **Entman ML, Levey GS, Epstein SE:** Demonstration of adenyl cyclase activity in canine cardiac sarcoplasmic reticulum.
Biochem Biophys Res Commun 34:728-33, 6 Jun 69
*ADENINE NUCLEOTIDES/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ ADENYL CYCLASE, metabolism/ ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ CENTRIFUGATION, DENSITY GRADIENT/ DOGS/ *ENZYMES, metabolism/ FLUORIDES/ *MEMBRANES, enzymology/ MICROSCOPY, ELECTRON/ *MICROSOMES, enzymology/ MYOCARDIUM, cytology/ *MYOCARDIUM, enzymology/ NOREPINEPHRINE/ STIMULATION, CHEMICAL/ TRITIUM

965. **Eppes RB, Lawrence AM, McNamara JV, et al:** Intravenous glucose tolerance in negro men deficient in glucose-6-phosphate dehydrogenase.
New Eng J Med 281:60-3, 10 Jul 69
ADULT/ BLOOD SUGAR, analysis/ CORTISONE, diagnostic use/ GLUCOSE, administration & dosage/ *GLUCOSE, metabolism/ GLUCOSE TOLERANCE TEST/ GLUCOSEPHOSPHATE DEHY- DROGENASE DEFICIENCY, blood/ *GLUCOSEPHOSPHATE DEHY- DROGENASE DEFICIENCY, metabolism/ HUMAN/ INJECTIONS, INTRAVENOUS/ INSULIN, blood/ MALE/ METHODS/ NEGROES/ TIME FACTORS

966. **Eraz J, Hausknecht R:** Diminished urinalry estriol due to Mandelamine administration during pregnancy.
Amer J Obstet Gynec 104:924-5, 15 Jul 69
ABNORMALITIES, urine/ ESTRIOL, blood/ *ESTRIOL, urine/ FEMALE/ FETAL DEATH, urine/ HUMAN/ *METHENAMINE, pharmacodynamics/ *PREGNANCY

967. **Eridani S, Esposito R, Ponti GB, et al:** Trattamento chemioterapico associato di tumori epiteliali. Risultati clinici e considerazioni dottrinali.
Minerva Med 60:2047-53, 23 May 69 **(Ita)**
ADOLESCENCE/ ADULT/ *CYCLOPHOSPHAMIDE, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ *FLUOROURACIL, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *NEOPLASMS, drug therapy/ *PREDNISONE, therapeutic use/ *VINCRISTINE, therapeutic use

968. **Erlinger S, Preisig R:** Les mécanismes de la cholérèse.
Rev Franc Etud Clin Biol 14:117-21, Feb 69 **(Fre)**
ABSORPTION/ ANIMAL EXPERIMENTS/ BICARBONATES/ BILE, analysis/ *BILE, secretion/ *BILE ACIDS AND SALTS, secretion/ BILE DUCTS, physiology/ BILIARY TRACT, drug effects/ BIOLOGICAL TRANSPORT, ACTIVE/ BLOOD PRESSURE/ CHOLECYSTECTOMY/ DOGS/ ENGLISH ABSTRACT/ ETHIONINE, pharmacodynamics/ GALLBLADDER, physiology/ GASTRIN, pharmacodynamics/ GUINEA PIGS/ HUMAN/ HYPERTONIC SOLUTIONS/ LIVER, secretion/ LIVER FUNCTION TESTS/ OSMOSIS/ SECRETIN, pharmacodynamics/ SECRETORY RATE/ VASOPRESSIN, pharmacodynamics

969. **Escalante Legarreta M, Maldonado Mucio P, Pumaro Esquivel JH:** Correlación anatomoclínica de quince casos de tumores metastásicos del ovario.
Ginec Obstet Mex 24:109-22, Feb 69 **(Spa)**
ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MIDDLE AGE/ *NEOPLASM METASTASIS, pathology/ *OVARIAN NEOPLASMS, pathology

970. **L'Esperance FA Jr:** The retina and optic nerve.
Arch Ophthal (Chicago) 82:112-36, Jul 69 (133 ref.)
ANIMAL EXPERIMENTS/ CRYOTHERAPY/ DIABETIC RETINOPATHY, physiopathology/ DIABETIC RETINOPATHY, surgery/ EYE MANIFESTATIONS/ FLUOROSCOPY/ FUNDUS OCULI/ HUMAN/ INFECTION, therapy/ INFLAMMATION/ *OPTIC NERVE/ PHOTOGRAPHY/ PITUITARY GLAND, surgery/ *RETINA/ RETINA, analysis/ RETINA, anatomy & histology/ RETINA, physiology/ RETINAL DETACHMENT, pathology/ RETINAL DETACHMENT, therapy/ RETINAL VESSELS, physiopathology/ REVIEW/ VASCULAR DISEASES

971. **Essing L:** Periodicheskie psikhozy.
Zh Nevropat Psikhiat Korsakov 69:535-8, 1969 **(Rus)**
HUMAN/ HYPOTHALAMUS/ *PERIODIC DISEASE/ PERIODICITY/ PINEAL BODY/ *PSYCHOSES

972. **Estep H, Shaw WA, Watlington C, et al:** Hypocalcemia due to hypomagnesemia and reversible parathyroid hormone unresponsiveness.
J Clin Endocr 29:842-8, Jun 69
ADULT/ AGED/ ALCOHOLISM, blood/ *ALCOHOLISM, drug therapy/ BLOOD SUGAR, analysis/ GLYCOPROTEINS/ HUMAN/ *HYPOCALCEMIA, etiology/ INJECTIONS, INTRAVENOUS/ *MAGNESIUM, blood/ MAGNESIUM SULFATE, therapeutic use/ MIDDLE AGE/ *PARATHYROID HORMONE, therapeutic use/ PHOSPHATES, urine/ SPRUE, drug therapy/ VITAMIN D, therapeutic use/ VITAMINS, therapeutic use

973. **Euchenhofer M, Streicher E, Würz H, et al:** Die hypokaliämische metabolische Alkalose.
Deutsch Med Wschr 94:1441-7, 11 Jul 69 **(Ger)**
ACID-BASE EQUILIBRIUM/ ADRENAL GLAND DISEASES/ ADRENAL GLAND HYPERFUNCTION, diagnosis/ ADULT/ ALDOSTERONE, blood/ *ALKALOSIS, diagnosis/ ALKALOSIS, etiology/ CUSHING'S SYNDROME, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ HYDROXYLASES, metabolism/ HYPERALDOSTERONISM, diagnosis/ HYPERPLASIA/ HYPERTENSION, complications/ HYPERTROPHY/ *HYPOKALEMIA, diagnosis/ HYPOKALEMIA, etiology/ JUXTAGLOMERULAR APPARATUS/ MALE/ MIDDLE AGE/ POTASSIUM, metabolism/ RENAL ARTERY OBSTRUCTION, diagnosis/ RENIN, blood

974. **Eurenius K, Dalton TV, Lokey HJ, et al:** The mechanism of glucocorticoid action on the phytohemagglutinin-stimulated lymphocyte. I. In vitro binding of corticosteroids to lymphoid tissue.
Biochim Biophys Acta 177:572-8, 6 May 69
ANIMAL EXPERIMENTS/ CATTLE/ CHILD/ *CORTISONE/ HUMAN/ *HYDROCORTISONE/ LYMPH NODES/ *LYMPHOCYTES/ LYMPHOCYTES, cytology/ *PLANT AGGLUTININS/ RABBITS/ RATS/ RECEPTORS, DRUG/ STIMULATION, CHEMICAL/ THYMUS GLAND/ TRITIUM

975. **(Evans HM): Parkes AS:** Dr. Herbert M. Evans.
J Reprod Fertil 19:3-29, Jun 69
*BIBLIOGRAPHY/ CURRENT BIOG-OBIT/ *ENDOCRINOLOGY, history/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT./ UNITED STATES

976. **Evans PR:** The Prader-Labhart-Willi syndrome.
Develop Med Child Neurol 11:380-2, Jun 69
AMYOTONIA CONGENITA, complications/ *CARBOHYDRATE METABOLISM, INBORN ERRORS, complications/ CHILD/ CRYPTORCHISM, complications/ HUMAN/

MALE/ MENTAL RETARDATION, complications/ *METABOLISM, INBORN ERRORS, complications/ OBESITY, complications

977. **Everett AD, Kirk EE**: Reaction of dental pulp to Ledermix cements.
Dent Pract (Bristol) 19:348-50, Jun 69
*DEMETHYLCHLORTETRACYCLINE, therapeutic use/ DENTAL CARIES, therapy/ *DENTAL MATERIALS/ DENTAL PULP, pathology/ *DENTAL PULP CAPPING/ DENTIN, SECONDARY, chemically induced/ HUMAN/ TIME FACTORS/ *TRIAMCINOLONE ACETONIDE, therapeutic use

978. **Everitt BJ, Herbert J**: Ovarian hormones and sexual preference in rhesus monkeys.
J Endocr 43:xxxi, Jan 69
AGGRESSION/ ANIMAL EXPERIMENTS/ CASTRATION/ COITUS/ EJACULATION/ *ESTRADIOL, pharmacodynamics/ FEMALE/ GROOMING/ MALE/ MONKEYS/ *PROGESTERONE, pharmacodynamics/ *SEX BEHAVIOR, ANIMAL/ SOCIAL BEHAVIOR

979. **Everitt BJ, Herbert J**: Adrenal glands and sexual receptivity in female rhesus monkeys.
Nature (London) 222:1065-6, 14 Jun 69
*ADRENAL CORTEX HORMONES, pharmacodynamics/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CASTRATION/ DEXAMETHASONE, pharmacodynamics/ ESTRADIOL, pharmacodynamics/ FEMALE/ HYDROCORTISONE, urine/ MALE/ MONKEYS/ *SEX BEHAVIOR, ANIMAL, drug effects/ TESTOSTERONE, pharmacodynamics

980. **Evranova GB, Malinkin NP**: Aktivnost' kisloĭ fosfatazy follikulov laichniaka svin'i.
Veterinariia 44:87-9, Apr 67 (Rus)
*ACID PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ FEMALE/ *GRAAFIAN FOLLICLE, enzymology/ *SWINE

981. **Ewald W, Chaikoff IL**: Delta-5-3-ketosteroid isomerase activities in guinea-pig adrenal glands: the role of copper ions. Biochim Biophys Acta 167:444-55, 8 Oct 68
*ADRENAL GLANDS, enzymology/ ANDROSTANES/ ANIMAL EXPERIMENTS/ COLD/ *COPPER/ DIALYSIS/ GUINEA PIGS/ *ISOMERASES/ 17-KETOSTEROIDS/ MALE/ PREGNANES/ SILVER/ *STEROIDS

982. **Eyal Z, Pfau A**: Effect of ATP on ethionine-induced testicular damage in rats.
Israel J Med Sci 4:1236-40, Nov-Dec 68
ADENOSINE TRIPHOSPHATE, metabolism/ *ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ *CELL AGGREGATION, drug effects/ *ETHIONINE, pharmacodynamics/ LIVER, drug effects/ LIVER, metabolism/ MALE/ MICE/ *SPERMATOZOA, drug effects/ *TESTIS, drug effects/ TESTIS, metabolism

F

983. **Fabian M, Forsling ML, Jones JJ, et al**: Comparison of two methods for the bioassay of oxytocin.
Endocrinology 85:600-3, Sep 69
ACETYLCHOLINE, antagonists & inhibitors/ ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ ANTIHISTAMINICS/ *BIOLOGICAL ASSAY/ COMPARATIVE STUDY/ FEMALE/ IN VITRO/ LACTATION/ MAMMAE, drug effects/ MAMMAE, physiology/ METHODS/ MILK, secretion/ *OXYTOCIN, pharmacodynamics/ PHENOXYBENZAMINE, pharmacodynamics/ RATS/ SEROTONIN, antagonists & inhibitors/ STIMULATION, CHEMICAL/ SYMPATHOLYTICS, pharmacodynamics/ *VASOPRESSIN, pharmacodynamics

984. **Fabre LF Jr, Farmer RW, Davis HW, et al**: Biphasic stimulation of aldosterone secretion during hemorrhage in dogs. Circ Res 24:893-900, Jun 69
*ADRENAL GLANDS, physiopathology/ *ALDOSTERONE, secretion/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ BLOOD VOLUME/ DOGS/ *HEMORRHAGE, physiopathology/ SECRETORY RATE/ *SHOCK, HEMORRHAGIC, physiopathology

985. **Faccini JM, Care AD**: The haematological diagnosis of hyperparathyroidism. Brit J Oral Surg 6:192-5, Mar 69
ANIMAL EXPERIMENTS/ ANTIBODIES/ CALCIUM, blood/ GUINEA PIGS/ *HYPERPARATHYROIDISM, blood/ *HYPERPARATHYROIDISM, diagnosis/ IMMUNE SERUMS/ IMMUNOASSAY/ IODINE ISOTOPES/ METHODS/ MICROSCOPY, ELECTRON/ PARATHYROID GLANDS, pathology/ PARATHYROID HORMONE, blood/ PHOSPHORUS, blood/ RABBITS/ SHEEP DISEASES

986. **Fahim MS, el-Khashab MM**: Histologic study of the effects of protein defficient diet on the odontogenic and osteogenic tissues. Egypt Dent J 15:3-14, Jan 69
ALVEOLAR PROCESS, growth & development/ DENTAL CEMENTUM, growth & development/ HYPOPROTEINEMIA, complications/ JAW ABNORMALITIES, etiology/ OSTEOPOROSIS, etiology/ PERIODONTIUM, growth & development/ PROTEIN DEFICIENCY, complications/ SPECIAL LIST DENTAL

987. **Fain JN, Loken SC**: Response of trypsin-treated brown and white fat cells to hormones. Preferential inhibition of insulin action.
J Biol Chem 244:3500-6, 10 Jul 69
ADIPOSE TISSUE, cytology/ ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ BROWN FAT, drug effects/ BROWN FAT, metabolism/ CAPROATES/ CATECHOLAMINES, pharmacodynamics/ *CLOSTRIDIOPEPTIDASE A, pharmacodynamics/ DEPRESSION, CHEMICAL/ DEXAMETHASONE, pharmacodynamics/ DRUG SYNERGISM/ FEMALE/ GLUCOSE, metabolism/ IN VITRO/ INSULIN, antagonists & inhibitors/ *INSULIN, pharmacodynamics/ NOREPINEPHRINE, pharmacodynamics/ OXYGEN CONSUMPTION, drug effects/ OXYTOCIN, pharmacodynamics/ PROSTAGLANDINS, pharmacodynamics/ RATS/ SOMATOTROPIN, pharmacodynamics/ STIMULATION, CHEMICAL/ THEOPHYLLINE, pharmacodynamics/ *TRYPSIN, pharmacodynamics

988. **Fairbairn AS, Chir B, Acheson ED**: The extent of organ removal in the Oxford area.
J Chronic Dis 22:111-22, Jul 69
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ AMPUTATION/ APPENDECTOMY/ CASTRATION/ CHILD/ CHILD, PRESCHOOL/ CHOLECYSTECTOMY/ ENGLAND/ FEMALE/ GASTRECTOMY/ HUMAN/ HYSTERECTOMY/ INFANT/ INFANT, NEWBORN/ LEG, surgery/ MALE/ MIDDLE AGE/ NEPHRECTOMY/ PROSTATECTOMY/ SEX FACTORS/ STATISTICS/ *SURGERY, OPERATIVE/ SURGERY, OPERATIVE, mortality/ THYROIDECTOMY/ TONSILLECTOMY

989. **Fairney A, Lewis G, Cottom D**: Total lipodystrophy.
Arch Dis Child 44:368-72, Jun 69
AGE DETERMINATION BY SKELETON/ FACE, abnormalities/ GENITALIA, MALE, growth & development/ GLUCOSE TOLERANCE TEST/ GROWTH/ HEPATOMEGALY, etiology/ HIRSUTISM, etiology/ HUMAN/ INFANT/ INSULIN, blood/ *LIPODYSTROPHY, complications/ MALE/ SOMATOTROPIN, blood/ WRIST, radiography

990. **Falaschini A, Barbieri L**: Influenza della tecnica di produzione sulla quantità e qualità delle carni delle varie specie domestiche di interesse zootecnico.
Minerva Med 60:1528-30, 18 Apr 69 (Ita)
*AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ *BODY WEIGHT/ *CASTRATION/ *FOOD ANALYSIS/ *MEAT/ PROTEINS, analysis/ *SWINE

991. **Fanconi A:** Prophylaxe und Therapie der Rachitis.
Ther Umsch 25:652-5, Dec 68 **(Ger)**
HUMAN/ INFANT/ *RICKETS/ RICKETS, drug therapy/ RICKETS, prevention & control/ SWITZERLAND/ VITAMIN D, administration & dosage/ VITAMIN D, analysis/ *VITAMIN D, therapeutic use

992. **Fanestil DD:** Mechanism of action of aldosterone.
Ann Rev Med 20:223-32, 1969 (68 ref.)
ADENOSINE TRIPHOSPHATASE/ ALDOSTERONE, metabolism/ *ALDOSTERONE, physiology/ AMPHOTERICIN B/ ANIMAL EXPERIMENTS/ BLADDER, physiology/ NAD/ PERMEASES/ PROTEINS, biosynthesis/ PROTEINS, metabolism/ RATS/ REVIEW/ RNA, biosynthesis/ TOADS/ TRITIUM

993. **Fariss BL, Cerchio GM, Di Raimondo VC:** Urinary testosterone response to human chorionic gonadotropin. Evaluation of male patients with hypogonadotropic hypogonadism.
Fertil Steril 20:632-8, Jul-Aug 69
ADULT/ GONADOTROPINS, urine/ *GONADOTROPINS, CHORIONIC, administration & dosage/ GONADOTROPINS, CHORIONIC, adverse effects/ GYNECOMASTIA, chemically induced/ HUMAN/ *HYPOGONADISM, drug therapy/ INJECTIONS, INTRAMUSCULAR/ 17-KETOSTEROIDS, urine/ LH, urine/ MALE/ SOMATOTROPIN, urine/ *TESTOSTERONE, urine

994. **Farmer TA Jr, Smitherman TC, Beschi RJ, et al:** Effect of triiodothyronine administration on serum PBI in hypothyroid patients maintained on constant doses of thyroxine. J Clin Endocr 29:781-5, Jun 69
BASAL METABOLISM, drug effects/ *BLOOD PROTEINS/ HUMAN/ *IODINE, blood/ *MYXEDEMA, blood/ MYXEDEMA, drug therapy/ PROTEIN BINDING/ THYROID GLAND FUNCTION TESTS/ *THYROXINE, therapeutic use/ *TRIIODOTHYRONINE, therapeutic use

995. **Farooki MA:** Epidemiology and pathology of cancer of the thyroid. 2. Discussion.
Int Surg 51:317-33, Apr 69 (163 ref.)
ADENOCARCINOMA, occurrence/ ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ CARCINOMA, occurrence/ CARCINOMA, PAPILLARY, occurrence/ CHILD/ ENGLAND/ FEMALE/ GEOGRAPHY/ HUMAN/ LONDON/ LYMPHOMA, occurrence/ MALE/ MIDDLE AGE/ PAKISTAN/ PENNSYLVANIA/ REVIEW/ THYROID NEOPLASMS, mortality/ *THYROID NEOPLASMS, occurrence/ *THYROID NEOPLASMS, pathology

996. **Farran HE:** The use of radio-active isotopes in the investigation of thyroid function.
Brit J Clin Pract 23:233-5, Jun 69
FEMALE/ HUMAN/ IN VITRO/ IODINE ISOTOPES, DIAGNOSTIC/ PREGNANCY/ *THYROID DISEASES, diagnosis/ THYROID GLAND FUNCTION TESTS

997. **Farriaux JP, Maillard E, Tahon A, et al:** Etude d'une nouvelle observation d'hyperparathyroïdie primitive par hyperplasie chez une enfant de un mois.
Ann Pediat (Paris) 15:716-23, 2 Nov 68 **(Fre)**
ANEMIA, NEONATAL, etiology/ BONE AND BONES, pathology/ CALCIUM, urine/ DECALCIFICATION, PATHOLOGIC, etiology/ ERYTHROPOIESIS/ FEMALE/ HUMAN/ HYPERCALCEMIA/ *HYPERPARATHYROIDISM/ HYPERPARATHYROIDISM, complications/ HYPERPARATHYROIDISM, etiology/ HYPERPARATHYROIDISM, surgery/ HYPERPLASIA/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES/ KIDNEY, pathology/ MYELOFIBROSIS, complications/ NEPHROCALCINOSIS, etiology/ PARATHYROID GLANDS, pathology/ PHOSPHORUS, blood/ THYROCALCITONIN, metabolism

998. **Farrow BR:** Chromophobe adenoma of the pituitary in a dog. Vet Rec 84:609-10, 14 Jun 69
ADENOMA, CHROMOPHOBE, pathology/ *ADENOMA, CHROMOPHOBE, veterinary/ CEREBROSPINAL FLUID/ *DOG DISEASES/ DOGS/ MALE/ NEPHRITIS, complications/ PITUITARY NEOPLASMS, complications/ PITUITARY NEOPLASMS, pathology/ *PITUITARY NEOPLASMS, veterinary

999. **Faucher GL, Ellegood JO, Mahesh VB, et al:** Urinary estrogens and pregnanediol before and after insertion of an intrauterine contraceptive device.
Amer J Obstet Gynec 104:502-7, 15 Jun 69
BIOPSY/ BODY TEMPERATURE/ CORPUS LUTEUM/ ENDOMETRIUM, cytology/ *ESTROGENS, urine/ FEMALE/ HUMAN/ *INTRAUTERINE DEVICES/ OVULATION/ PREGNANCY/ *PREGNANEDIOL, urine/ VAGINA, cytology/ VAGINAL SMEARS

1000. **Fauchier JP, Raynaud P, Brochier M, et al:** Le bloc auriculo-ventriculaire à la phase aiguë de l'infarctus du myocarde. A propos de 46 cas.
Sem Hop Paris 45:101-11, 8 Jan 69 **(Fre)**
ADRENAL CORTEX HORMONES, therapeutic use/ ARRHYTHMIA, SINUS, complications/ ELECTRIC STIMULATION/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ *HEART BLOCK, diagnosis/ HEART BLOCK, drug therapy/ HEART BLOCK, mortality/ HEART BLOCK, therapy/ HEART CONDUCTION SYSTEM, physiopathology/ HEART FAILURE, CONGESTIVE, complications/ HEART RATE/ HUMAN/ ISOPROTERENOL, therapeutic use/ MALE/ *MYOCARDIAL INFARCT, complications/ MYOCARDIAL INFARCT, physiopathology/ PACEMAKER, ARTIFICIAL/ SYNCOPE, complications/ VENTRICULOGRAPHY

1001. **Favre H:** Compte rendu des actualités néphrologiques de l'Hôpital Necker--Paris 1968.
Praxis 57:1266-8, 17 Sep 68 **(Fre)**
ANIMAL EXPERIMENTS/ *HEMODIALYSIS/ HUMAN/ *HYPERTENSION, RENAL, therapy/ *NEPHROSIS/ *PYELONEPHRITIS/ *THYROCALCITONIN, pharmacodynamics/ *XANTHOMATOSIS

1002. **Fawcett DW, Heidger PM, Leak LV:** Lymph vascular system of the interstitial tissue of the testis as revealed by electron microscopy.
J Reprod Fertil 19:109-19, Jun 69
ALDEHYDES/ ANIMAL EXPERIMENTS/ CHINCHILLAS/ EPITHELIUM, cytology/ GUINEA PIGS/ HISTOLOGICAL TECHNICS/ *LYMPHATIC SYSTEM, anatomy & histology/ MALE/ MICROSCOPY, ELECTRON/ *TESTIS, anatomy & histology

1003. **Fayet M, Wahl P:** Etude du déclin de la fluorescence polarisée de la gamma-globuline de lapin conjugée avec l'isothiocyanate de fluoresceine.
Biochim Biophys Acta 181:373-80, 1 Jul 69 **(Fre)**
CHEMISTRY/ ENERGY TRANSFER/ ENGLISH ABSTRACT/ *FLUORESCEINS/ FLUORESCENCE/ *GAMMA GLOBULIN/ MATHEMATICS/ NAPHTHALENES/ RABBITS/ ROTATION/ SPECTRUM ANALYSIS/ SULFONIC ACIDS/ THIOCYANATES

1004. **Fazekas S:** Uber das Problem der optimalen Radiojodtherapie der basedowschen Krankheit.
Acta Med Acad Sci Hung 26:31-40, 1969 **(Ger)**
FEMALE/ GOITER, EXOPHTHALMIC, classification/ *GOITER, EXOPHTHALMIC, radiotherapy/ HUMAN/ IODINE ISOTOPES, administration & dosage/ *IODINE ISOTOPES, therapeutic use/ MALE/ METHODS/ RADIOTHERAPY DOSAGE

1005. **Fazekas IG, Rengei B:** Uber den NAD- und NADH2-Gehalt in Leber, Herz und Nieren adrenalektomierer und alkoholbehandelter Ratten.
Enzymologia 36:59-64, 31 Jan 69 **(Ger)**
ADRENALECTOMY/ ALCOHOL, ETHYL, pharmacodynamics/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *KIDNEY, analysis/

*LIVER, analysis/ *MYOCARDIUM, analysis/ *NAD, analysis/ RATS

1006. **Fearnley GR, Chakrabarti R:** Pharmacological enhancement of fibrinolysis.
J Clin Path 22:368-9, May 69
*ETHYLESTRENOL, pharmacodynamics/ FIBRINOGEN, analysis/ *FIBRINOLYSIS, drug effects/ HUMAN/ *PHENFORMIN, pharmacodynamics

1007. **Fearnley ME, Vadasz I:** Factors influencing the response of lesions of the rotator cuff of the shoulder to local steroid injection.
Ann Phys Med 10:53-63, May 69
*ADRENAL CORTEX HORMONES, administration & dosage/ ADULT/ AGED/ BLOOD SEDIMENTATION/ CERVICAL VERTEBRAE, radiography/ FEMALE/ HUMAN/ INJECTIONS, INTRADERMAL/ *JOINT DISEASES, drug therapy/ LATEX FIXATION TESTS/ LIDOCAINE, therapeutic use/ MALE/ METHYLPREDNISOLONE, therapeutic use/ MIDDLE AGE/ PAIN/ *SHOULDER JOINT, drug effects/ SPONDYLITIS, radiography/ URIC ACID, blood

1008. **Feder HH, Brown-Grant K, Corker CS, et al:** Systematic plasma progesterone levels during the pro-oestrous critical period in rats. J Endocr 43:xxix, Jan 69
ADRENAL GLANDS, physiology/ ANIMAL EXPERIMENTS/ CORTICOSTERONE, blood/ *ESTRUS/ FEMALE/ LIGHTING/ OVARY, physiology/ OVULATION, drug effects/ PENTOBARBITAL, pharmacodynamics/ *PROGESTERONE, blood/ RATS

1009. **Feigin I, Goebel HH:** "Infantile" subacute necrotizing encephalopathy in the adult.
Neurology (Minneap) 19:749-59, Aug 69
ADULT/ AGE FACTORS/ *BRAIN STEM, pathology/ DEMYELINATION, pathology/ *ENCEPHALOMALACIA, pathology/ FEMALE/ HUMAN/ HYPOTHALAMUS, pathology/ MACROPHAGES/ MALE/ MENTAL RETARDATION, pathology/ MESENCEPHALON, pathology/ NEURONS/ PSYCHOMOTOR DISORDERS, pathology

1010. **Feigin RD, Kissane JM, Eisenberg CS, et al:** Rocky mountain spotted fever. Successful application of new insights into physiologic changes during acute infections to successful management of a severely-ill patient. Clin Pediat (Phila) 8:331-43, Jun 69
ADOLESCENCE/ AMINOBENZOIC ACID, therapeutic use/ ARTERIES, pathology/ BLOOD COAGULATION DISORDERS, etiology/ BRAIN, pathology/ CASE REPORT/ CHILD/ CHILD, PRESCHOOL/ CHLORAMPHENICOL, therapeutic use/ EXANTHEMA, diagnosis/ FEVER, diagnosis/ HEMORRHAGE, etiology/ HUMAN/ INJECTIONS, INTRAVENOUS/ IRON, blood/ MALE/ MENINGES, pathology/ MYOCARDITIS, pathology/ NITROGEN, metabolism/ PENICILLIN, therapeutic use/ POTASSIUM, blood/ PROTEINS, administration & dosage/ RICKETTSIA RICKETTSII/ *ROCKY MOUNTAIN SPOTTED FEVER/ ROCKY MOUNTAIN SPOTTED FEVER, diagnosis/ ROCKY MOUNTAIN SPOTTED FEVER, metabolism/ ROCKY MOUNTAIN SPOTTED FEVER, pathology/ ROCKY MOUNTAIN SPOTTED FEVER, therapy/ SCLERA, pathology/ SODIUM, blood/ SULFONAMIDES, therapeutic use/ TESTIS, pathology/ TETRACYCLINE, therapeutic use/ TICKS/ TRYPTOPHAN, metabolism

1011. **Fein RL, Taber DO:** Foot lymphography in the testis tumor patient. A review of fifty cases.
Cancer 24:248-55, Aug 69
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ CHORIOCARCINOMA, radiography/ DISGERMINOMA, radiography/ FALSE POSITIVE REACTION/ *FOOT, radiography/ HUMAN/ INFANT/ INFLAMMATION, etiology/ LUNG, radiography/ LYMPH NODES, radiography/ LYMPHANGITIS, etiology/ *LYMPHATIC METASTASIS, radiography/ LYMPHOGRAPHY/ LYMPHOGRAPHY, adverse effects/ MALE/ METHODS/ PULMONARY EMBOLISM, etiology/ RETROPERITONEAL SPACE/ SALIVARY GLAND DISEASES, etiology/ TERATOID TUMOR, pathology/ *TERATOID TUMOR, radiography/ *TESTICULAR NEOPLASMS, radiography/ UROGRAPHY/ WOUND INFECTION, etiology

1012. **Fel'dman EA:** O rentgenovskom obluchenii pri uzelkovom periarterite.
Ter Arkh 39:48-50, Mar 67 **(Rus)**
ADRENAL CORTEX HORMONES, therapeutic use/ FEMALE/ HUMAN/ MIDDLE AGE/ *PERIARTERITIS NODOSA, radiotherapy/ PERIARTERITIS NODOSA, therapy

1013. **Felix AM, Czyzewski LB, Winter DP, et al:** The synthesis and diuretic properties of some N-alkylaminocarbonyl- and N-pyrrolylcarbonylanthranilic acid derivatives.
J Med Chem 12:384-7, May 69
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ ANTHRANILIC ACID, administration & dosage/ ANTHRANILIC ACID, analysis/ *ANTHRANILIC ACID, chem synthesis/ *ANTHRANILIC ACID, pharmacodynamics/ BIOLOGICAL ASSAY/ CHEMISTRY/ CHLORIDES, urine/ DESOXYCORTICOSTERONE, antagonists & inhibitors/ DESOXYCORTICOSTERONE, pharmacodynamics/ *DIURETICS, chem synthesis/ *DIURETICS, pharmacodynamics/ DOGS/ FEMALE/ FUROSEMIDE, pharmacodynamics/ HYDROCHLOROTHIAZIDE, pharmacodynamics/ MALE/ POTASSIUM, urine/ RATS/ SODIUM, urine

1014. **Felix JS, DeMars R:** Purine requirement of cells cultured from humans affected with Lesch-Nyhan syndrome (hypoxanthine-guanine phosphoribosyltransferase deficiency).
Proc Nat Acad Sci USA 62:536-43, Feb 69
*ADENINE, pharmacodynamics/ CLONE CELLS/ FEMALE/ FOLIC ACID, pharmacodynamics/ *GUANINE, metabolism/ HUMAN/ *HYPOXANTHINES, metabolism/ PHENOTYPE/ *PURINE-PYRIMIDINE METABOLISM, INBORN ERRORS, metabolism/ *SEX CHROMOSOME ABNORMALITIES, metabolism/ *TISSUE CULTURE/ *TRANSFERASES, metabolism

1015. **Fell BF, Regoeczi E, Campbell RM, et al:** The permeability to 131-I-PVP of the normal and hypertrophied gastro-intestinal tract of sheep.
Quart J Exp Physiol 54:141-55, Apr 69
ANIMAL EXPERIMENTS/ BILE DUCTS, metabolism/ *CELL MEMBRANE PERMEABILITY/ FECES, analysis/ FEMALE/ *GASTROINTESTINAL SYSTEM, metabolism/ HYPERTROPHY/ INJECTIONS, INTRAVENOUS/ *INTESTINAL ABSORPTION/ INTESTINAL MUCOSA, metabolism/ IODINE ISOTOPES/ LACTATION/ ORGAN WEIGHT/ POLYVINYLPYRROLIDONE, blood/ *POLYVINYLPYRROLIDONE, metabolism/ POLYVINYLPYRROLIDONE, urine/ *SERUM ALBUMIN, RADIO-IODINATED, metabolism/ SHEEP/ TIME FACTORS

1016. **Fell MR:** Inhibition of lactation with a new oestrogen.
Brit J Clin Pract 23:288-9, 7 Jul 69
*ETHINYL ESTRADIOL, administration & dosage/ FEMALE/ HUMAN/ *LACTATION, drug effects

1017. **Fellman JH, Vanbellinghen PJ, Jones RT, et al:** Solubie and mitochondrial forms of tyrosine aminotransferase. Relationship to human tyrosinemia. Biochemistry (Wash) 8:615-22, Feb 69
ANIMAL EXPERIMENTS/ BIOPSY/ BRAIN, enzymology/ CHILD, PRESCHOOL/ COLORIMETRY/ COMPARATIVE STUDY/ ENZYME INDUCTION/ ERYTHROCYTES, enzymology/ HUMAN/ HYDROCORTISONE, pharmacodynamics/ HYDROXYLASES, metabolism/ LIVER, enzymology/ MALE/ *METABOLISM, INBORN ERRORS,

enzymology/ METHODS/ *MITOCHONDRIA, enzymology/ MITOCHONDRIA, metabolism/ MUSCLES, enzymology/ MYOCARDIUM, enzymology/ PHENYLPYRUVIC ACID, urine/ RATS/ SKIN, enzymology/ SOLUBILITY/ TRITIUM/ *TYROSINE, blood/ TYROSINE, metabolism/ TYROSINE AMINOTRANSFERASE, analysis/ TYROSINE AMINOTRANSFERASE, biosynthesis/ *TYROSINE AMINOTRANSFERASE, metabolism

1018. **Felt V:** Stitaná žláza a stárnutí u člověka.
Cas Lek Cesk 108:857-60, Jul 69 **(Cze)**
*AGING/ ENGLISH ABSTRACT/ GERIATRICS/ HUMAN/ HYPERTHYROIDISM, complications/ *THYROID GLAND, physiology/ THYROID HORMONES, physiology/ THYROXINE, metabolism

1019. **Felt V, Hušek P:** Změny v zastopení mastných kyselin v lipidových frakcích séra u nemocných se sníženou, zvýšenou a normální činnosti štitné žlázy.
Cas Lek Cesk 108:891-6, Jul 69 **(Cze)**
BLOOD SUGAR, analysis/ CARBON ISOTOPES/ CHOLESTEROL, blood/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ ENGLISH ABSTRACT/ *FATTY ACIDS, blood/ FATTY ACIDS, NONESTERIFIED, blood/ HUMAN/ *HYPERTHYROIDISM, blood/ *HYPOTHYROIDISM, blood/ METHODS/ *THYROID GLAND, analysis/ URIC ACID, blood

1020. **Fenselau C, Milewich L, Robinson CH:** Electron impact fragmentation of steroidal ethylene hemithioketals and ethylene dithioketals.
J Org Chem 34:1374-7, May 69
CHEMISTRY/ ELECTRONS/ *ETHYLENE/ *STEROIDS

1021. **Fényes Z, Karika Z, Holczinger L:** Ein 8 Jahre beobachteter Fall mit dreifachen primären Tumoren.
Radiobiol Radiother (Berlin) 9:637-43, 1968 **(Ger)**
AGED/ *CARCINOMA/ CERVIX NEOPLASMS, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *NEOPLASMS, MULTIPLE PRIMARY/ STOMACH NEOPLASMS, complications/ THYROID NEOPLASMS, complications

1022. **Ferlazzo B, Russo G:** Febbre tifoide e gravidanza.
Policlinico [Prat] 75:1706-11, 16 Dec 68 **(Ita)**
ADOLESCENCE/ ADULT/ CHLORAMPHENICOL, therapeutic use/ FEMALE/ HUMAN/ PENICILLIN, therapeutic use/ PREDNISONE, therapeutic use/ PREGNANCY/ *PREGNANCY COMPLICATIONS, INFECTIOUS/ TETRACYCLINE, therapeutic use/ *TYPHOID

1023. **Ferramosca B, Bacci G, Frizziero L, et al:** Alcuni rilievi sulla funzione androgena del corticosurrene nelle obesità femminili.
Endocr Sci Cost 29:323-43, Nov 67 (43 ref.) **(Ita)**
ADOLESCENCE/ *ADRENAL CORTEX HORMONES, physiology/ *ADRENAL GLANDS, physiopathology/ ADULT/ *ANDROGENS, physiology/ CUSHING'S SYNDROME, metabolism/ FEMALE/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ 17-KETOSTEROIDS, urine/ MIDDLE AGE/ OBESITY, classification/ *OBESITY, physiopathology/ PITUITARY-ADRENAL FUNCTION TESTS/ PREGNANETRIOL, urine/ REVIEW

1024. **Ferrand R:** Influence inductrice exercée par le plancher encéphalique sur l'ébauche adenohypophysaire aux jeunes stades du développement de l'embryon de poulet.
C R Acad Sci [D] (Paris) 268:550-3, 20 Jan 69 **(Fre)**
ANIMAL EXPERIMENTS/ *BRAIN, embryology/ *CELL DIFFERENTIATION/ CHICK EMBRYO/ IN VITRO/ MESODERM/ *PITUITARY GLAND, embryology

1025. **Ferrando G, Nalbandov AV:** Direct effect on the ovary of the adrenergic blocking drug dibenzyline.
Endocrinology 85:38-42, Jul 69
ANIMAL EXPERIMENTS/ *CHICKENS, physiology/ DEPRESSION, CHEMICAL/ FEMALE/ FSH, pharmacodynamics/ GONADOTROPINS, EQUINE, pharmacodynamics/ GRAAFIAN FOLLICLE, drug effects/ LH, pharmacodynamics/ OVARY, drug effects/ *OVULATION, drug effects/ *PHENOXYBENZAMINE, pharmacodynamics

1026. **Ferrer NG:** Secondary olfactory projections in the galago (Galago crassicaudatus) and the tree shrew (Tupaia glis). J Comp Neurol 136:337-47, Jul 69
AMYGDALOID BODY, anatomy & histology/ ANIMAL EXPERIMENTS/ *AXONS/ *CEREBRAL CORTEX, anatomy & histology/ INSECTIVORA/ LATERALITY/ *LIMBIC SYSTEM, anatomy & histology/ NERVE DEGENERATION/ NEURAL INTERCONNECTIONS/ NEURONS, EFFERENT/ PRIMATES

1027. **Feyling T, Hestetun S:** Trombocytopenisk purpura etter koppevaksinasjon.
T Norsk Laegeforen 89:725-6, 15 May 69 **(Nor)**
ENGLISH ABSTRACT/ HUMAN/ MALE/ PREDNISONE, administration & dosage/ PURPURA, THROMBOPENIC, drug therapy/ *PURPURA, THROMBOPENIC, etiology/ *SMALLPOX VACCINE, adverse effects/ *VACCINATION, adverse effects

1028. **Ficarra BJ:** Thyroid crisis and the law.
JAMA 209:774, 4 Aug 69
HUMAN/ IODINE, therapeutic use/ *MALPRACTICE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *THYROID CRISIS, prevention & control/ THYROID DISEASES, surgery/ UNITED STATES

1029. **Fiegel G:** Untersuchungen über die Wirkung von Mesterolon am chronisch geschädigten Herzmuskel.
Med Welt 44:2447-50, 2 Nov 68 **(Ger)**
AGED/ *ANDROSTERONE, therapeutic use/ CHRONIC DISEASE/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL DISEASES, SECONDARY, drug therapy

1030. **Field RA:** Toward the prevention of diabetic retinopathy. Sightsav Rev 39:9-16, Spring 69
*DIABETIC RETINOPATHY, prevention & control/ DIABETIC RETINOPATHY, surgery/ FUNDUS OCULI/ HUMAN/ HYPOPHYSECTOMY/ LIGHT COAGULATION/ OPHTHALMOSCOPY

1031. **Fienberg R:** The stromal theca cell and postmenopausal endometrial adenocarcinoma. Cancer 24:32-8, Jul 69
*ADENOCARCINOMA, pathology/ AGED/ FEMALE/ HISTOCYTOCHEMISTRY/ HUMAN/ HYPERPLASIA, pathology/ MENOPAUSE/ MIDDLE AGE/ OVARY, enzymology/ *OVARY, pathology/ OXIDOREDUCTASES, analysis/ STAINS AND STAINING/ *UTERINE NEOPLASMS, pathology

1032. **Figarová V, Pařízek J:** Body growth and development of testes during the first two weeks of postnatal life as affected by the size of the litter.
Physiol Bohemoslov 18:65-70, Jul 69
ANIMAL EXPERIMENTS/ *ANIMALS, NEWBORN/ BODY WEIGHT/ *FERTILITY/ *GROWTH/ MALE/ ORGAN WEIGHT/ RATS/ TESTIS, anatomy & histology/ *TESTIS, growth & development

1033. **Fijalkowski W:** Zaburzenia wieku przekwitania.
Pieleg Poloz 2:9-10, Feb 69 **(Pol)**
CLIMACTERIC/ GONADOTROPINS/ MENOPAUSE/ SPECIAL LIST NURSING

1034. **Filatov AN, Romanova AM:** Rezul'taty peresadok okoloshchitovidnykh zhelez pri lechenii paratireoprivnoĭ tetanii.
Vestn Khir Grekov 102:14-20, Jan 69 **(Rus)**
ADULT/ FEMALE/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ MERCAPTOPURINE, therapeutic use/

MIDDLE AGE/ *PARATHYROID DISEASES, surgery/ *PARATHYROID GLANDS, transplantation/ *TETANY, surgery/ TRANSPLANTATION, HOMOLOGOUS

1035. **Filimonov VG, Sherstnev VV:** Nekotorye fiziologicheskie osobennosti matki kak effektora i afferentnoe zveno neirogumoral'noi reguliatsii ee motornoi funktsii (obzor literatury)
Akush Ginek (Moskva) 45:11-8, Jan 69 (69 ref.) **(Rus)**
CENTRAL NERVOUS SYSTEM, physiology/ ELECTROPHYSIOLOGY/ ENDOCRINE GLANDS, physiology/ FEMALE/ LABOR/ MEMBRANE POTENTIALS/ MENSTRUATION/ *MOTOR ACTIVITY/ MUSCLE CONTRACTION/ MUSCLE, SMOOTH, cytology/ MUSCLE, SMOOTH, physiology/ NEURAL TRANSMISSION/ NEUROHUMORS, physiology/ PREGNANCY/ REVIEW/ UTERUS, cytology/ UTERUS, innervation/ *UTERUS, physiology

1036. **Filipescu A, Spirescu J:** Le syndrome douloureux de la crête alvéolaire édentée et son traitement.
Rev Stomat (Paris) 70:119-23, Mar 69 **(Fre)**
*ALVEOLAR PROCESS/ AMINOPYRINE, therapeutic use/ ASPIRIN, therapeutic use/ CAFFEINE, therapeutic use/ CHLORPROMAZINE, therapeutic use/ CODEINE, therapeutic use/ HUMAN/ HYALURONIDASE, therapeutic use/ HYDROCORTISONE, TOPICAL, therapeutic use/ *MOUTH, EDENTULOUS, complications/ PAIN, drug therapy/ *PAIN, etiology/ PHENOBARBITAL, therapeutic use/ PROCAINE, therapeutic use/ PROMETHAZINE, therapeutic use

1037. **Filipinský M, Dohnálek J, Eysselt M, et al:** Utilizace základních minerálií při kariogenní a antikariézní dietě. Sledování na potomstvu.
Cesk Stomat 69:145-9, May 69 **(Cze)**
ANIMAL EXPERIMENTS/ ANIMAL FEED/ *BONE AND BONES, metabolism/ *CALCIUM, metabolism/ *CARIOGENIC AGENTS, pharmacodynamics/ *CARIOSTATIC AGENTS, pharmacodynamics/ COMPARATIVE STUDY/ DENTAL CARIES, etiology/ DENTINOGENESIS, drug effects/ ENGLISH ABSTRACT/ ODONTOGENESIS/ OSTEOGENESIS/ *PHOSPHORUS, metabolism/ PREGNANCY/ PREGNANCY, ANIMAL/ RATS/ *TOOTH, metabolism

1038. **Filipp G:** Langdauernde intermittierende Steroidbehandlung von Bronchialasthma.
Med Welt 35:1840-4, 31 Aug 68 **(Ger)**
ADOLESCENCE/ ADULT/ *ASTHMA, drug therapy/ CHILD/ FEMALE/ GLUCOCORTICOIDS, administration & dosage/ *GLUCOCORTICOIDS, therapeutic use/ HUMAN/ MALE

1039. **Filippovich IV, Romantsev EF:** Fosforilirovanie timidina v zobnoi zheleze i selezenko krys c rannie sroki posle obshchego gamma-obluchenila.
Radiobiologiia 8:680-3, Sep-Oct 68 **(Rus)**
ANIMAL EXPERIMENTS/ FEMALE/ MALE/ *NUCLEOTIDES, analysis/ *OXIDATIVE PHOSPHORYLATION/ *RADIATION EFFECTS/ RATS/ *SPLEEN, metabolism/ SPLEEN, radiation effects/ *THYMIDINE, metabolism/ *THYROID GLAND, metabolism/ THYROID GLAND, radiation effects

1040. **Filsell OH, Jarrett IG, Taylor PH, et al:** Effects of fasting, diabetes and glucocorticoids on gluconeogenic enzymes in the sheep.
Biochim Biophys Acta 184:54-63, 17 Jun 69
ALDEHYDE-LYASES, metabolism/ ALLOXAN DIABETES, metabolism/ ANIMAL EXPERIMENTS/ BLOOD SUGAR/ CARBOXY-LYASES, metabolism/ *CORTISONE, pharmacodynamics/ DEXAMETHASONE, pharmacodynamics/ *DIABETES MELLITUS, metabolism/ FASTING/ FEMALE/ *GLUCONEOGENESIS/ GLUCONEOGENESIS, drug effects/ GLUCOSEPHOSPHATASE, metabolism/ KETONE BODIES, blood/ KIDNEY, drug effects/ KIDNEY, enzymology/ LIGASES, metabolism/ LIVER, drug effects/ LIVER, enzymology/ PANCREAS, physiology/ PANCREATECTOMY/ PHLORHIZIN, pharmacodynamics/ PREGNANCY/ RATS/ *SHEEP/ SPECIES SPECIFICITY

1041. **Finch L, Leach GD:** The role of the sympathetic nervous system in the cardiovascular responses to angiotensin in the pithed rat. Brit J Pharmacol 36:481-8, Jul 69
ADRENALECTOMY/ *ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTIHYPERTENSIVE AGENTS, pharmacodynamics/ BLOOD PRESSURE, drug effects/ *CARDIOVASCULAR SYSTEM, drug effects/ DESIPRAMINE, pharmacodynamics/ GANGLIONIC-BLOCKING AGENTS, pharmacodynamics/ HEART RATE, drug effects/ MALE/ PHENTOLAMINE, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ RATS/ RESERPINE, pharmacodynamics/ *SYMPATHETIC NERVOUS SYSTEM, drug effects

1042. **Findlay GH, Whiting DA, Simson IW:** Dermatomyositis in the Transvaal and its occurrence in the Bantu.
S Afr Med J 43:694-7, 31 May 69
ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ AGE FACTORS/ AGED/ BRONCHOPNEUMONIA, complications/ CAUCASIAN RACE/ CHILD/ CYCLOPHOSPHAMIDE, therapeutic use/ DERMATOMYOSITIS, complications/ DERMATOMYOSITIS, diagnosis/ DERMATOMYOSITIS, drug therapy/ *DERMATOMYOSITIS, occurrence/ DERMATOMYOSITIS, pathology/ ENTERITIS, complications/ EOSINOPHILS/ FEMALE/ HUMAN/ LUPUS ERYTHEMATOSUS, SYSTEMIC, occurrence/ MALE/ MIDDLE AGE/ MUSCLES, pathology/ MYOFIBRILS, pathology/ NECROSIS/ NEGROID RACE/ PERITONITIS, complications/ SCLERODERMA, occurrence/ SKIN, pathology/ SOUTH AFRICA/ TUBERCULOSIS, PULMONARY, complications

1043. **Findlay JK, Seamark RF:** The occurrence of 17-beta-hydroxy-C18-steroid oxidoreductase activity in sheep fetal blood. Steroids 13:763-72, Jun 69
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHROMATOGRAPHY, THIN LAYER/ ERYTHROCYTES, cytology/ *ERYTHROCYTES, enzymology/ *ESTRADIOL, metabolism/ ESTROGENS, metabolism/ *ESTRONE, metabolism/ FEMALE/ FETUS/ *HYDROXYSTEROID DEHYDROGENASE, blood/ MICROSOMES, enzymology/ MITOCHONDRIA, enzymology/ PLACENTA, metabolism/ PLASMA, analysis/ PREGNANCY/ SHEEP/ TRITIUM

1044. **Fine W:** Some common factors in the causation of postural hypotension.
Geront Clin (Basel) 11:206-15, 1969
AGED/ ARRHYTHMIA, complications/ ASTHENIA, complications/ AUTONOMIC DYSFUNCTION, complications/ BLOOD PRESSURE/ BLOOD PRESSURE, drug effects/ BLOOD VOLUME/ CHLORIDES, therapeutic use/ CREATINE, diagnostic use/ DEHYDRATION, complications/ FEMALE/ FLUDROCORTISONE, therapeutic use/ FOLLOW-UP STUDIES/ HEART DISEASES, complications/ HEMORRHAGE, complications/ HUMAN/ HYPONATREMIA, complications/ HYPOTENSION, ORTHOSTATIC, complications/ *HYPOTENSION, ORTHOSTATIC, etiology/ 17-KETOSTEROIDS, urine/ KIDNEY DISEASES, complications/ KIDNEY FUNCTION TESTS/ MALE/ NITROGEN, urine/ PARKINSONISM, complications/ POTASSIUM, blood/ SEX FACTORS/ SODIUM, therapeutic use/ URINARY TRACT INFECTIONS, complications/ WATER-ELECTROLYTE BALANCE

1045. **Finegold MJ, Pulliam JD, Landay ME, et al:** Pathological changes in rabbits injected with Pasteurella tularensis killed by ionizing radiation.
J Infect Dis 119:635-40, Jun 69
ANIMAL EXPERIMENTS/ CAPILLARIES,

pathology/ COBALT ISOTOPES/ CORTISONE, therapeutic use/ INJECTIONS, INTRAVENOUS/ KIDNEY GLOMERULUS, pathology/ LIVER, pathology/ LUNG, pathology/ MYOCARDIUM, pathology/ NECROSIS/ *PASTEURELLA INFECTIONS, pathology/ PASTEURELLA INFECTIONS, prevention & control/ *PASTEURELLA TULARENSIS, radiation effects/ RABBITS/ *RADIATION EFFECTS/ SPLEEN, pathology/ THROMBOSIS, pathology/ *VIRULENCE, radiation effects

1046. **Finklestein JZ, Dyment PG, Hammond GD:** Leukemic infiltration of the testes during bone marrow remission. Pediatrics 43:1042-5, Jun 69
*BONE MARROW, pathology/ CHILD/ CHILD, PRESCHOOL/ HUMAN/ *LEUKEMIA, LYMPHOCYTIC, complications/ LEUKEMIA, LYMPHOCYTIC, diagnosis/ LEUKEMIA, LYMPHOCYTIC, therapy/ MALE/ *TESTICULAR DISEASES, complications/ TESTICULAR DISEASES, diagnosis/ TESTICULAR DISEASES, therapy/ TESTIS, pathology

1047. **Fiore L, Rossini E:** Osservazioni cliniche sull'attività terapeutica del desametazone associato all'idrossicobalamina.
Minerva Med 60:2248-53, 6 Jun 69 **(Ita)**
ADULT/ AGED/ *ARTHRITIS, RHEUMATOID, drug therapy/ *DEXAMETHASONE, therapeutic use/ ENGLISH ABSTRACT/ *ERYTHEMA NODOSUM, drug therapy/ FEMALE/ HUMAN/ *HYDRARTHROSIS, drug therapy/ *HYDROXOCOBALAMIN, therapeutic use/ KNEE JOINT/ MALE/ MIDDLE AGE/ *OSTEOARTHRITIS, drug therapy/ *PERIARTHRITIS, drug therapy/ SHOULDER JOINT

1048. **Fiore-Donno G, Holz J, Baume LJ:** Réponses pulpaires aux coiffages direct et indirect avec un mélange corticostéroïde-antibiotique.
Helv Odont Acta 13:35-45, Apr 69 **(Fre)**
*DEMETHYLCHLORTETRACYCLINE, pharmacodynamics/ *DENTAL PULP, drug effects/ *DENTAL PULP CAPPING/ HUMAN/ *TRIAMCINOLONE ACETONIDE, pharmacodynamics

1049. **Fischer H:** Uber das morphologische Bild der Abheilung von Kalottenfrakturen des Schädels.
Acta Neurochir (Wien) 19:171-82, 1968 **(Ger)**
ADULT/ CALCIFICATION, PHYSIOLOGIC/ CICATRIX, pathology/ CONNECTIVE TISSUE, pathology/ ENGLISH ABSTRACT/ FEMALE/ FRACTURE FIXATION/ HUMAN/ MALE/ MIDDLE AGE/ *SKULL FRACTURES, pathology/ *WOUND HEALING

1050. **Fischer P, Golob E, Holzner H:** XY gonadal dysgenesis and malignancy. Lancet 2:110, 12 Jul 69
ADOLESCENCE/ FEMALE/ HUMAN/ MIDDLE AGE/ *OVARIAN NEOPLASMS, complications/ *TURNER'S SYNDROME, complications

1051. **Fischer V:** Zur Pathogenese der Hypertonie bei endokrinen Störungen. I.
Praxis 56:1418-25 contd, 19 Oct 67 **(Ger)**
*ADRENOGENITAL SYNDROME, complications/ *CUSHING'S SYNDROME, complications/ HUMAN/ *HYPERALDOSTERONISM, complications/ *HYPERTENSION, etiology/ *PHEOCHROMOCYTOMA, complications

1052. **Fischer V, Gekle D, Döll W:** Bedeutung und Wirkungsweise des Prednisolon-Provokationstestes bei chronischer Pyelonephritis.
Aerztl Forsch 22:419-24, 1968 **(Ger)**
BACTERIURIA, diagnosis/ BLOOD CELL COUNT/ CHILD/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ FEMALE/ HUMAN/ LEUKOCYTES/ MALE/ METHODS/ NEUTROPHILS/ *PREDNISOLONE, diagnostic use/ PREDNISOLONE, pharmacodynamics/ PYELONEPHRITIS, blood/ PYELONEPHRITIS, diagnosis/ PYELONEPHRITIS, urine

1053. **Fishman J, Guzik H:** Stereochemistry of estrogen biosynthesis. J Amer Chem Soc 91:2805-6, 7 May 69
CHEMISTRY/ *ESTRONE, biosynthesis/ HUMAN/ PLACENTA, metabolism

1054. **Fitko R, Steimasiak T, Lipiński S:** Wpływ poziomu laktacji krów na szybkość znikania z krwi hormonu wzrostu znaczonego J-131.
Endokr Pol 20:209-16, May-Jun 69 **(Pol)**
ANIMAL EXPERIMENTS/ CATTLE/ ENGLISH ABSTRACT/ FEMALE/ IODINE ISOTOPES/ *LACTATION/ *SOMATOTROPIN, blood

1055. **Fitzgerald DK, Chen S, Ebner KE:** Time-dependent increase in uridine diphosphate glucose pyrophosphorylase activity in vitro.
Biochim Biophys Acta 178:491-8, 27 May 69
ANIMAL EXPERIMENTS/ FEMALE/ *GLUCOSE/ HYDROGEN-ION CONCENTRATION/ KINETICS/ LACTATION/ LIVER, enzymology/ MALE/ MAMMAE, enzymology/ MOLECULAR WEIGHT/ *NUCLEOTIDYLTRANSFERASES/ OSMOLAR CONCENTRATION/ PREGNANCY/ RATS/ TEMPERATURE/ TISSUE CULTURE/ TISSUE EXTRACTS/ *URACIL NUCLEOTIDES/ UREA

1056. **Fleisch H, Russell RG, Simpson B, et al:** Prevention by a diphosphonate of immobilization "osteoporosis" in rats. Nature (London) 223:211-2, 12 Jul 69
ANIMAL EXPERIMENTS/ *BONE RESORPTION, prevention & control/ CHLORINE/ MALE/ OSTEOPOROSIS, chemically induced/ *OSTEOPOROSIS, prevention & control/ *PHOSPHONIC ACIDS, therapeutic use/ RATS

1057. **Fleming DG:** V. Humoral and metabolic factors in the regulation of food and water intake. Food intake studies in parabiotic rats.
Ann NY Acad Sci 157:985-1003, 15 May 69
ANIMAL EXPERIMENTS/ BLOOD SUGAR, analysis/ BODY WEIGHT/ DRINKING BEHAVIOR/ *FEEDING BEHAVIOR/ *GLUCOSE, metabolism/ *HYPOTHALAMUS, physiology/ METHODS/ *PARABIOSIS/ RATS/ TIME FACTORS

1058. **Fletcher GL, Hardy DC, Idler DR:** Testosterone production and metabolic clearance rates in sexually mature male and female skate (Raja radiata).
Endocrinology 85:552-60, Sep 69
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ FEMALE/ *FISHES, metabolism/ MALE/ *METABOLIC CLEARANCE RATE/ *TESTOSTERONE, biosynthesis/ TESTOSTERONE, blood/ *TESTOSTERONE, metabolism/ TRITIUM

1059. **Florek E, Rust T, Jenny J, et al:** Kurzer Bericht über das orale Antikonzipiens Ortho-Novum 2 mg.
Praxis 58:92-4, 21 Jan 69 **(Ger)**
*CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN

1060. **Florian J, Florian E:** Experimentelle Befunde zur Pathophysiologie der Schwangerschaftsvarikosis.
Zbl Phlebol 8:95-101, 15 May 69 **(Ger)**
ANIMAL EXPERIMENTS/ CONNECTIVE TISSUE, physiopathology/ ENGLISH ABSTRACT/ ESTRONE, pharmacodynamics/ FEMALE/ FROGS/ HUMAN/ MALE/ METHODS/ MUSCLE CONTRACTION, drug effects/ MUSCLES, physiopathology/ PREGNANCY/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, physiopathology/ PROGESTERONE, pharmacodynamics/ *VARICOSE VEINS, physiopathology

1061. **Fobe H:** Les glactorrhées.
Ther Umsch 24:238-42, Jun 67 **(Fre)**
ADULT/ FEMALE/ HORMONES, therapeutic use/ HUMAN/ *LACTATION DISORDERS/ LACTATION DISORDERS, diagnosis/ LACTATION DISORDERS, etiology/ LACTATION DISORDERS, therapy

1062. **Fochem K:** Zur Therapie fortgeschrittener bösartiger Tumoren. Strahlentherapie 135:524-7, May 68 **(Ger)**
*ADENOCARCINOMA, PAPILLARY, radiotherapy/ *BRONCHIAL NEOPLASMS, radiotherapy/ CARCINOMA, radiotherapy/ ENGLISH ABSTRACT/ FEMALE/ *GRANULOSA CELL TUMOR, radiotherapy/ HUMAN/ MIDDLE AGE/ *OVARIAN NEOPLASMS, radiotherapy/ RADIOTHERAPY DOSAGE/ *THECA CELL TUMOR, radiotherapy

1063. **Fodor O, Dumitrașcu D, Nicoară G, et al:** Autoîntretinerea imunologică în patologia digestivă. Med Intern (Bucur) 20:1297-308, Nov 68 (37 ref.) **(Rum)**
ADDISON'S DISEASE, complications/ ANEMIA, PERNICIOUS, complications/ ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS/ AUTOANTIBODIES, analysis/ *AUTOIMMUNE DISEASES/ COLITIS, ULCERATIVE, immunology/ ENGLISH ABSTRACT/ ENTERITIS, REGIONAL, immunology/ GASTRITIS, immunology/ *GASTROINTESTINAL DISEASES, immunology/ HUMAN/ LIVER DISEASES, immunology/ REVIEW

1064. **Foersterling E, Ryć K:** Guz jajnika rozpoznany pierwotnie jako pierwotniak dojrzały z następową wznową i przerzutami do otrezewnej. Ginek Pol 40:441-6, 1969 **(Pol)**
ADULT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ NEOPLASM METASTASIS/ NEOPLASM RECURRENCE, LOCAL/ *OVARIAN NEOPLASMS/ *TERATOID TUMOR

1065. **Fogelholm R, Hokkanen E, Porras J:** Aivoverenkiertohäiriöt ja oraaliset kontraseptiivit. Duodecim 85:167-71, 1969 **(Fin)**
ADULT/ CASE REPORT/ *CEREBROVASCULAR DISORDERS, chemically induced/ *CONTRACEPTIVES, ORAL, adverse effects/ ENGLISH ABSTRACT/ ETHYNODIOL DIACETATE, adverse effects/ FEMALE/ HUMAN/ MEGESTROL/ MESTRANOL, adverse effects

1066. **Foldenauer A, Heckelmann A, Böhm P:** Schilddrüsentherapie mit Novothyral. Med Klin 64:973-5, 23 May 69 **(Ger)**
ADOLESCENCE/ ADULT/ AGED/ FEMALE/ GOITER, drug therapy/ HUMAN/ HYPERTHYROIDISM, drug therapy/ HYPOTHYROIDISM, drug therapy/ MALE/ MIDDLE AGE/ *THYROID DISEASES, drug therapy/ THYROXINE, administration & dosage/ *THYROXINE, therapeutic use/ TRIIODOTHYRONINE, administration & dosage/ *TRIIODOTHYRONINE, therapeutic use

1067. **Follett BK:** Diurnal rhythms of monoamine oxidase activity in the quail hypothalamus during photoperiodic stimulation.
Comp Biochem Physiol 29:591-600, May 69
ANIMAL EXPERIMENTS/ *BIRDS/ BIRDS, radiation effects/ *CIRCADIAN RHYTHM/ GONADOTROPINS, secretion/ HISTOCYTOCHEMISTRY/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, enzymology/ *LIGHT/ *MONOAMINE OXIDASE, metabolism/ RADIATION EFFECTS/ TIME FACTORS

1068. **Folman Y, Pope GS:** Uptake of radioactivity by uterus, vagina and skeletal muscle of immature mice after administration of [3H]oestradiol.
J Endocr 44:203-11, Jun 69
ANIMAL EXPERIMENTS/ *ESTRADIOL, metabolism/ ESTRADIOL, pharmacodynamics/ FEMALE/ MICE/ *MUSCLES, metabolism/ ORGAN WEIGHT/ TIME FACTORS/ TRITIUM/ UTERUS, drug effects/ *UTERUS, metabolism/ VAGINA, drug effects/ *VAGINA, metabolism

1069. **Folman Y, Pope GS:** Effect of norethisterone acetate, dimethylstilboestrol, genistein and coumestrol on uptake of [3H]oestradiol by uterus, vagina and skeletal muscle of immature mice.
J Endocr 44:213-8, Jun 69
ANIMAL EXPERIMENTS/ BINDING SITES/ *DIETHYLSTILBESTROL, pharmacodynamics/ *ESTRADIOL, metabolism/ FEMALE/ *FLAVONES, pharmacodynamics/ *HORMONES, pharmacodynamics/ MICE/ *MUSCLES, metabolism/ *NORETHINDRONE, pharmacodynamics/ ORGAN WEIGHT/ RECEPTORS, DRUG/ TRITIUM/ *UTERUS, metabolism/ *VAGINA, metabolism

1070. **Fonkalsrud EW, Rangel DM, Byfield J, et al:** Hepatic preservation with chlorpromazine and phenoxybenzamine; application to liver transplantation. Surgery 66:23-33, Jul 69
ACID PHOSPHATASE, blood/ ACID PHOSPHATASE, secretion/ ALANINE AMINOTRANSFERASE, blood/ ANIMAL EXPERIMENTS/ *CHLORPROMAZINE/ CORTISONE/ DOGS/ GLUCURONIDASE, blood/ GLUCURONIDASE, secretion/ LIVER, enzymology/ *LIVER, transplantation/ LYSOSOMES/ MEMBRANES/ METHODS/ NEPHRECTOMY/ *PHENOXYBENZAMINE/ *TISSUE PRESERVATION/ TRANSPLANTATION, HOMOLOGOUS

1071. **Fontaine YA:** La spécificité zoologique des protéines hypophysaires capables de stimuler la thyroide. Acta Endocr (Kobenhavn) 60:Suppl 136:1+, 1969 **(Fre)**
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ CYPRINIDAE/ EELS/ *FISHES/ GEL FILTRATION/ GLYCOPROTEINS, analysis/ GLYCOPROTEINS, isolation & purification/ *MAMMALS/ MICE/ MOLECULAR WEIGHT/ PHYSIOLOGY, COMPARATIVE/ PITUITARY GLAND, analysis/ RATS/ RECEPTORS, DRUG/ SPECIES SPECIFICITY/ THYROID GLAND, drug effects/ *THYROTROPIN/ THYROTROPIN, analysis/ THYROTROPIN, isolation & purification/ ULTRACENTRIFUGATION

1072. **Foot AS, Connell J, Allcroft RA, et al:** Magnesium bullets. Vet Rec 84:467-8, 3 May 69
ANIMAL EXPERIMENTS/ ANIMAL NUTRITION/ CALCIUM, blood/ CATTLE/ *CATTLE DISEASES, prevention & control/ FERTILIZERS/ MAGNESIUM, blood/ *MAGNESIUM, therapeutic use/ MAGNESIUM DEFICIENCY, prevention & control/ NITROGEN/ TETANY, prevention & control/ *TETANY, veterinary

1073. **Foreman RE, Boecker BB:** Radioiodine metabolism in the beagle dog: the importance of age and mode of 131-I exposure. Proc Soc Exp Biol Med 131:980-5, Jul 69
AEROSOLS/ AGE FACTORS/ ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ DOGS/ INJECTIONS, INTRAVENOUS/ IODINE ISOTOPES, administration & dosage/ *IODINE ISOTOPES, metabolism/ RADIOBIOLOGY/ *THYROID GLAND, metabolism

1074. **Fóris G, Keresztes M, Ujhelyi K:** Uber den Wirkungsmechanismus der nach Verabfolgung von Pyrogensubstanzen entstandenen Blutzuckerspiegelveränderungen.
Acta Med Acad Sci Hung 26:83-92, 1969 **(Ger)**
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *BLOOD SUGAR/ BLOOD SUGAR, analysis/ CORTICOTROPIN, pharmacodynamics/ *ENDOTOXINS, pharmacodynamics/ GLUCOSE, pharmacodynamics/ HYPOGLYCEMIA, chemically induced/ HYPOGLYCEMIA, prevention & control/ HYPOPHYSECTOMY/ INJECTIONS, INTRAVENOUS/ METHODS/ PITUITARY GLAND, physiology/ RABBITS/ SALMONELLA TYPHOSA

1075. **Forsberg JG, Nordqvist S:** Growth and hormonal responsiveness of human endometrial carcinoma after heterologous transplantation to neonatal rats.
J Nat Cancer Inst 43:191-201, Jul 69
*ADENOCARCINOMA, pathology/ ANIMAL

EXPERIMENTS/ ANIMALS, NEWBORN/ ANTILYMPHOCYTE SERUM/ ENDOMETRIUM, pathology/ ESTRADIOL, pharmacodynamics/ FEMALE/ GAMMA GLOBULIN/ HUMAN/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, SUBCUTANEOUS/ LYMPHOCYTES/ METHODS/ *NEOPLASM TRANSPLANTATION/ *OVARIAN NEOPLASMS, pathology/ PROGESTERONE, pharmacodynamics/ RATS/ TRANSPLANTATION, HETEROLOGOUS/ *UTERINE NEOPLASMS, pathology

1076. **Förster O, Friedrich F, Holzner H, et al:** Schwangerschaftsunterbrechung durch Anti-HCG bei der Ratte. Z Geburtsh Gynaek 170:47-55, 1969 **(Ger)**
*ABORTION, chemically induced/ ANIMAL EXPERIMENTS/ *ANTIBODIES/ ANTIBODIES, analysis/ ANTIBODY FORMATION/ ENGLISH ABSTRACT/ FEMALE/ GESTATIONAL AGE/ *GONADOTROPINS, CHORIONIC/ IMMUNOELECTROPHORESIS/ METHODS/ ORGAN WEIGHT/ PREGNANCY/ RATS/ UTERUS, pathology

1077. **Fortt RW, Mathie IK:** Gliomatosis peritonei caused by ovarian teratoma. J Clin Path 22:348-53, May 69
ADOLESCENCE/ FEMALE/ *GLIOMA/ GLIOMA, pathology/ HUMAN/ NEOPLASM METASTASIS/ *OVARIAN NEOPLASMS/ OVARIAN NEOPLASMS, pathology/ *PERITONEAL NEOPLASMS/ PERITONEAL NEOPLASMS, pathology/ *TERATOID TUMOR/ TERATOID TUMOR, pathology

1078. **Foss GL:** A clinical trial of a new totally synthetic low dose progestagen. J Reprod Fertil 18:59-66, Feb 69
ADOLESCENCE/ ADULT/ AMENORRHEA, drug therapy/ *CONTRACEPTIVES, ORAL, administration & dosage/ ENDOMETRIUM, drug effects/ ETHINYL ESTRADIOL, administration & dosage/ FEMALE/ HUMAN/ HYSTERECTOMY/ MENORRHAGIA, drug therapy/ *MENSTRUATION DISORDERS, drug therapy/ METRORRHAGIA, drug therapy/ MIDDLE AGE/ *PROGESTATIONAL HORMONES, administration & dosage/ PROGESTATIONAL HORMONES, adverse effects

1079. **Foster CL, Cameron E, Young BA:** Ultrastructural changes in the adenohypophysis of hypothyroid rabbits. J Endocr 44:273-7, Jun 69
ANIMAL EXPERIMENTS/ ENDOPLASMIC RETICULUM/ FEMALE/ HYPERTROPHY, chemically induced/ HYPOTHYROIDISM, chemically induced/ *HYPOTHYROIDISM, pathology/ MALE/ MICROSCOPY, ELECTRON/ PITUITARY GLAND, drug effects/ *PITUITARY GLAND, pathology/ PROLACTIN, biosynthesis/ PROPYLTHIOURACIL/ RABBITS/ THYROIDECTOMY

1080. **Foster JH, Rhamy RK, Oates JA, et al:** Renovascular hypertension secondary to atherosclerosis. Amer J Med 46:741-50, May 69
ADOLESCENCE/ ADULT/ AGED/ AGING/ *ARTERIOSCLEROSIS, complications/ BLOOD VESSEL PROSTHESIS/ CHILD/ CHILD, PRESCHOOL/ ENDARTERECTOMY/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ HYPERTENSION, familial & genetic/ *HYPERTENSION, RENAL, etiology/ KIDNEY FUNCTION TESTS/ MALE/ MIDDLE AGE/ NEPHRECTOMY/ RENAL ARTERY, radiography/ *RENAL ARTERY OBSTRUCTION, complications/ RENAL ARTERY OBSTRUCTION, etiology/ RENAL ARTERY OBSTRUCTION, radiography/ RENAL ARTERY OBSTRUCTION, surgery/ RENIN, blood

1081. **(Fourman P), Zöllner N:** Paul Fourman, 1921-1968. Z Ges Exp Med 149:1, 8 Jan 69 **(Ger)**
CURRENT BIOG-OBIT/ ENDOCRINOLOGY, history/ ENGLAND/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT.

1082. **Fournier P, Fontaine N:** Généralisation à des circonstances variées d'âge, de sexe et d'alimentation, de l'efficacité du lactose sur l'utilisation des alcalino-terreux, jugée chez le rat au moyen de 85Sr. C R Acad Sci [D] (Paris) 268:562-5, 20 Jan 69 **(Fre)**
AGE FACTORS/ ANIMAL EXPERIMENTS/ BONE AND BONES, metabolism/ *CALCIUM, metabolism/ *INTESTINAL ABSORPTION, drug effects/ LACTOSE, metabolism/ *LACTOSE, pharmacodynamics/ NUTRITION/ RATS/ SEX FACTORS/ STRONTIUM, blood/ *STRONTIUM, metabolism/ STRONTIUM ISOTOPES

1083. **Fowler WM Jr, Gardner GW, Taylor RG, et al:** Quantitative measurements in female siblings and mothers of boys with Duchenne dystrophy. Arch Phys Med 50:301-10, Jun 69
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ *CREATINE KINASE, blood/ ELECTROMYOGRAPHY/ FEMALE/ GENOTYPE/ HUMAN/ MALE/ MIDDLE AGE/ MUSCLE CONTRACTION/ *MUSCULAR DYSTROPHY, familial & genetic/ MYOFIBRILS, physiology/ MYOFIBRILS, physiopathology/ *SEX CHROMOSOMES

1084. **Fox B:** Unilateral adrenal necrosis and haemorrhage following operations on the stomach. J Path 97:127-35, Jan 69
*ADRENAL GLAND DISEASES, etiology/ ADRENAL GLANDS, blood supply/ ADRENAL GLANDS, pathology/ AGED/ FEMALE/ *GASTRECTOMY/ *HEMORRHAGE, etiology/ HUMAN/ MALE/ MIDDLE AGE/ NECROSIS, etiology/ *POSTOPERATIVE COMPLICATIONS/ STOMACH NEOPLASMS, surgery

1085. **Fox H:** Chemical thyroidectomy and a consideration of larval growth and metamorphosis in Rana temporaria. Arch Biol (Liege) 78:595-623, 1967
ANIMAL EXPERIMENTS/ *FROGS, growth & development/ *METAMORPHOSIS, BIOLOGICAL/ *THYROID GLAND, physiology/ THYROIDECTOMY

1086. **Fox M, Bradley EM, Chuang T, et al:** Clinicopathologic conference. Texas Med 65:82-8, May 69
*BONE NEOPLASMS, complications/ *HEMANGIOMA, complications/ HUMAN/ *HYPERCALCEMIA, etiology/ *HYPERPARATHYROIDISM/ *LEIOMYOMA, complications/ *LUNG NEOPLASMS, complications/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ *PARATHYROID HORMONE, secretion

1087. **Fracchia AA, Murray DR, Farrow JH, et al:** Comparison of prophylactic and therapeutic castration in breast carcinoma. Surg Gynec Obstet 129:270-6, Aug 69
ADULT/ BREAST NEOPLASMS, mortality/ BREAST NEOPLASMS, radiotherapy/ *BREAST NEOPLASMS, surgery/ CARCINOMA, mortality/ CARCINOMA, radiotherapy/ *CARCINOMA, surgery/ *CASTRATION/ FEMALE/ HUMAN/ LYMPHATIC METASTASIS/ MASTECTOMY/ MENOPAUSE/ NEOPLASM METASTASIS/ *NEOPLASM RECURRENCE, LOCAL, prevention & control

1088. **Fraisse G, Banssilion G, Archimbaud JP:** Techniques anesthésiques utilisées au cours du drainage du canal thoracique chez les malades épurés chroniques destinés à subir une transplantation rénale. Anesth Analg (Paris) 26:107-25, Jan-Feb 69 **(Fre)**
ADULT/ *ANESTHESIA, INTRATRACHEAL/ *ANESTHESIA, INTRAVENOUS/ BARBITURATES, poisoning/ CURARE/ *DRAINAGE/ FEMALE/ HALOTHANE/ HEMODIALYSIS/ HUMAN/ HYDROXYDIONE/ *KIDNEY, transplantation/ LYMPHOCYTES/ MALE/ METHODS/ MIDDLE AGE/ MUSCLE RELAXANTS, adverse effects/ NEPHRECTOMY/ PENTOBARBITAL/ PREANESTHETIC MEDICATION/ PREOPERATIVE CARE/ SUCCINYLCHOLINE, administration & dosage/ *THORACIC DUCT/ TRANQUILIZING AGENTS, administration & dosage/ TRANSPLANTATION, HOMOLOGOUS/ UREMIA

1089. **Fraley EE, Paulson DF**: Urologic surgery.
New Eng J Med 281:355-64, 14 Aug 69 (79 ref.)
ANEURYSM, surgery/ BLADDER, surgery/ BLADDER NEOPLASMS, surgery/ CHILD, PRESCHOOL/ CRYOGENIC SURGERY/ EMBOLISM, surgery/ FEMALE/ *GENITAL DISEASES, MALE, surgery/ HUMAN/ HYDROCELE, surgery/ HYDRONEPHROSIS, surgery/ HYPERTENSION, MALIGNANT, surgery/ KIDNEY, surgery/ KIDNEY, transplantation/ KIDNEY CALCULI, surgery/ KIDNEY DISEASES, surgery/ KIDNEY NEOPLASMS, surgery/ MALE/ NEPHRECTOMY/ NEPHROBLASTOMA, surgery/ PROSTATECTOMY/ RENAL ARTERY, surgery/ RENAL ARTERY OBSTRUCTION, surgery/ RENAL VEINS, surgery/ REVIEW/ STERILITY, MALE, surgery/ TESTICULAR NEOPLASMS, surgery/ THROMBOPHLEBITIS, surgery/ TRANSPLANTATION, AUTOLOGOUS/ TRANSPLANTATION, HOMOLOGOUS/ URETERAL DISEASES, surgery/ URETHRAL STRICTURE, surgery/ URINARY DIVERSION/ URINARY INCONTINENCE, surgery/ *UROLOGIC DISEASES, surgery/ VESICO-URETERAL REFLUX, surgery

1090. **France NC, Hart DS, Beaven DW**: Corticosteroid response to natural and synthetic corticotrophins in the autotransplanted sheep adrenal.
Endocrinology 85:570-4, Sep 69
ADRENAL GLANDS, blood supply/ *ADRENAL GLANDS, physiology/ ADRENAL GLANDS, transplantation/ ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CORTICOTROPIN, administration & dosage/ *CORTICOTROPIN, pharmacodynamics/ *CORTICOTROPIN, standards/ HYDROCORTISONE, blood/ HYDROCORTISONE, secretion/ PITUITARY-ADRENAL SYSTEM/ REGIONAL BLOOD FLOW/ SECRETORY RATE/ SHEEP/ TRANSPLANTATION, AUTOLOGOUS

1091. **Franchimont P**: e dosage radio-immunologique des gonadotrophines.
Ann Endocr (Paris) 29:403-31, Jul-Aug 68 **(Fre)**
CHEMISTRY, CLINICAL/ DEAE-CELLULOSE/ DEPRESSION, CHEMICAL/ ESTRADIOL, pharmacodynamics/ ESTROGENS, urine/ FEMALE/ *FSH, blood/ FSH, urine/ GONADOTROPINS, CHORIONIC/ HUMAN/ IMMUNOELECTROPHORESIS/ IODINE ISOTOPES/ KLINEFELTER'S SYNDROME, blood/ *LH, blood/ LH, urine/ MENSTRUATION/ METHODS/ PREGNANEDIOL, urine/ PROGESTERONE, pharmacodynamics/ PUBERTY, PRECOCIOUS, blood/ *RADIOIMMUNOASSAY/ TESTOSTERONE, pharmacodynamics/ TURNER'S SYNDROME, blood/ VASOPRESSIN, pharmacodynamics

1092. **François J**: L'exophtalmie tumorale.
Ann Oculist (Paris) 202:57-62, Jan 69 **(Fre)**
CEREBRAL ANGIOGRAPHY/ *EXOPHTHALMOS, etiology/ EYE DISEASES, complications/ GOITER, EXOPHTHALMIC/ GRANULOMA, complications/ HUMAN/ *LYMPHOMA, complications/ MYOSITIS, complications/ *ORBITAL NEOPLASMS, complications/ ORBITAL NEOPLASMS, surgery/ PHLEBOGRAPHY/ PNEUMOENCEPHALOGRAPHY/ *SARCOMA, complications

1093. **Frank O, Klemmayer K**: Zur Zweiphasentherapie des degenerativen Rheumatismus mit einem myotonolytisch-antiphlogistisch und analgetisch wirkenden Kombinationspräparat.
Praxis 57:1173-5, 27 Aug 68 **(Ger)**
*ACETAMINOPHEN, therapeutic use/ ADULT/ AGED/ *BENZOXAZOLES, therapeutic use/ CHLORZOXAZONE, therapeutic use/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *MUSCLE RELAXANTS, therapeutic use/ *OSTEOARTHRITIS, drug therapy/ *PREDNISOLONE, therapeutic use

1094. **Franks RC**: Pituitary-adrenal function in arrested hydrocephalus. J Clin Endocr 29:864-5, Jun 69
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ *CORTICOTROPIN, secretion/ HUMAN/ *HYDROCEPHALUS, physiopathology/ 17-HYDROXYCORTICOSTEROIDS, blood/ 17-HYDROXYCORTICOSTEROIDS, urine/ METYRAPONE, diagnostic use

1095. **Fraser AF, Laing AH**: Oestrus induction in ewes with standard treatments of reduced natural light.
Vet Rec 84:427-30, 26 Apr 69
ANIMAL EXPERIMENTS/ *ESTRUS/ FERTILITY/ *LIGHT/ SEASONS/ *SHEEP/ TIME FACTORS

1096. **Freeark RJ, Waldstein SS**: Present status of the diagnosis and treatment of Cushing's syndrome.
Surg Clin N Amer 49:179-90, Feb 69 (19 ref.)
ADRENAL GLAND NEOPLASMS, complications/ ADRENALECTOMY/ CUSHING'S SYNDROME, complications/ *CUSHING'S SYNDROME, diagnosis/ CUSHING'S SYNDROME, etiology/ *CUSHING'S SYNDROME, therapy/ HUMAN/ HYPERPLASIA/ PITUITARY-ADRENAL FUNCTION TESTS/ POSTOPERATIVE CARE/ REVIEW/ WOUND INFECTION, prevention & control

1097. **Freed SC, Proctor JH**: Effect of inhibitors of protein synthesis on renal pressor factors.
Proc Soc Exp Biol Med 131:365-70, Jun 69
*ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLOOD PRESSURE, drug effects/ CYCLOHEXANE, pharmacodynamics/ *DACTINOMYCIN, pharmacodynamics/ KIDNEY/ KIDNEY, blood supply/ *KIDNEY, drug effects/ KIDNEY, metabolism/ PYRIDONES, pharmacodynamics/ RATS/ RENIN, biosynthesis/ TISSUE EXTRACTS, pharmacodynamics

1098. **Freedman A, Jones BR**: Surgical problems in dysthyroid eye disease.
Trans Ophthal Soc UK 87:431-45, 1967
AGED/ EXOPHTHALMOS, etiology/ EXOPHTHALMOS, surgery/ *EYE DISEASES, etiology/ *EYE DISEASES, surgery/ EYELIDS, surgery/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, complications/ HYPERTHYROIDISM, surgery/ KERATITIS, etiology/ KERATITIS, surgery/ MALE/ MIDDLE AGE/ MUSCULAR DISEASES, etiology/ MUSCULAR DISEASES, surgery/ OCULOMOTOR MUSCLES/ OCULOMOTOR MUSCLES, surgery/ ORBIT, surgery/ PAPILLEDEMA, etiology/ PAPILLEDEMA, surgery/ VISUAL ACUITY

1099. **Freeman BM**: The bursa of fabricius and adrenal cortical activity of Gallus domesticus.
Comp Biochem Physiol 29:639-46, May 69
ADRENAL GLANDS, anatomy & histology/ *ADRENAL GLANDS, physiology/ ANIMAL EXPERIMENTS/ ASCORBIC ACID, metabolism/ BLOOD SUGAR, metabolism/ *BURSA OF FABRICIUS, physiology/ *CHICKENS/ CORTICOTROPIN, pharmacodynamics/ GROWTH/ ORGAN WEIGHT/ *STRESS/ TIME FACTORS

1100. **Freeman M, Giuliani M, Schwartz E, et al**: Acute thyroiditis, thyroid crisis, and hypocalcemia following radioactive iodine therapy.
New York J Med 69:2036-41, 15 Jul 69
FEMALE/ HUMAN/ HYPERTHYROIDISM, radiotherapy/ *HYPOCALCEMIA, etiology/ *IODINE ISOTOPES, adverse effects/ MIDDLE AGE/ *THYROID CRISIS, etiology/ *THYROIDITIS, etiology

1101. **Freeman SE, Turner RJ**: Ionic interactions in acetylcholine contraction of the denervated rat diaphragm. Brit J Pharmacol 36:510-22, Jul 69
*ACETYLCHOLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CALCIUM, pharmacodynamics/ CARBACHOL, pharmacodynamics/ DIAPHRAGM,

drug effects/ DIAPHRAGM, innervation/ LITHIUM, pharmacodynamics/ MAGNESIUM, pharmacodynamics/ MALE/ MANGANESE, pharmacodynamics/ MUSCLE CONTRACTION, drug effects/ *MUSCLE DENERVATION/ *MUSCLES, drug effects/ MUSCLES, innervation/ PROCAINE, pharmacodynamics/ RATS/ SODIUM, pharmacodynamics/ THIOCYANATES, pharmacodynamics/ TUBOCURARINE, pharmacodynamics

1102. **Fregly MJ, Anton AH:** Aminotriazole, thyroid function, and catecholamines in nephrogenic hypertension in rats. Canad J Physiol Pharmacol 47:407-14, May 69
ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ BODY TEMPERATURE, drug effects/ BODY WEIGHT, drug effects/ EPINEPHRINE, analysis/ HEART RATE, drug effects/ *HYPERTENSION, RENAL, drug therapy/ HYPOTHYROIDISM, chemically induced/ IODINE, metabolism/ MALE/ MYOCARDIUM, analysis/ NOREPINEPHRINE, analysis/ ORGAN WEIGHT/ OXYGEN CONSUMPTION/ RATS/ *THYROID GLAND, physiology/ TRIAZOLES, administration & dosage/ TRIAZOLES, adverse effects/ *TRIAZOLES, pharmacodynamics/ TRIAZOLES, therapeutic use

1103. **Fregly MJ, Kim KJ:** The salt appetite of adrenalectomized rats as influenced by deoxycorticosterone and hydrochlorothizide.
Proc Soc Exp Biol Med 131:792-6, Jul 69
ADRENALECTOMY/ ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ *APPETITE, drug effects/ BODY WEIGHT/ DEPRESSION, CHEMICAL/ DESOXYCORTICOSTERONE, antagonists & inhibitors/ *DESOXYCORTICOSTERONE, pharmacodynamics/ EATING/ *HYDROCHLOROTHIAZIDE, pharmacodynamics/ MALE/ NATRIURESIS/ RATS/ *SODIUM CHLORIDE/ WATER-ELECTROLYTE BALANCE

1104. **Freimuth U, Schröter M, Thiele K, et al:** Quantitative Bestimmung schwangerschaftsspezifischer Antigene im Urin mit Hilfe der Hämagglutinationshemmung.
Acta Biol Med German 21:859-64, 1968 (Ger)
*ANTIGENS, urine/ ENGLISH ABSTRACT/ FEMALE/ *GONADOTROPINS, CHORIONIC/ *HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ *IMMUNE SERUMS/ METHODS/ *PREGNANCY

1105. **Freire de Oliveira CM:** As lesoes distroficas cronicas da vulva. Seus estudo com a atilização do teste de fixação do fósforo radioactivo.
Acta Obstet Ginecol Hisp Lusit 17:165-90, Mar 69 (Por)
ADULT/ FEMALE/ FROEHLICH'S SYNDROME, diagnosis/ HUMAN/ METHODS/ MIDDLE AGE/ MUCOUS MEMBRANE/ *PHOSPHORUS ISOTOPES/ *VULVA, injuries

1106. **Frenk E, Estoppey A:** Les effets systémiques des corticoïdes topiques.
Schweiz Med Wschr 99:845-51, Jun 69 (Fre)
ENGLISH ABSTRACT/ *GLUCOCORTICOIDS, administration & dosage/ GLUCOCORTICOIDS, adverse effects/ HUMAN/ OINTMENTS/ PITUITARY-ADRENAL SYSTEM, drug effects/ *SKIN ABSORPTION/ *SKIN DISEASES, drug therapy

1107. **Freyberger H:** Psychosomatische Therapie bei Colitis ulcerosa. Med Klin 64:969-72, 23 May 69 (6 ref.) (Ger)
ANTIDEPRESSIVE AGENTS, therapeutic use/ COLITIS, ULCERATIVE, drug therapy/ *COLITIS, ULCERATIVE, therapy/ DEPRESSION, therapy/ GASTROINTESTINAL MOTILITY/ HUMAN/ INFANTILISM, therapy/ PHYSICIAN-PATIENT RELATIONS/ *PSYCHOPHYSIOLOGIC DISORDERS, therapy/ *PSYCHOTHERAPY/ REVIEW/ TRANQUILIZING AGENTS, therapeutic use

1108. **Freychet P, Rosselin G, Dolais J:** Dosage radio-immunologique de l'hormone thyréotrope hypophysaire (TSH) dans le plasma humain.
Presse Med 77:13-6, 4 Jan 69 (Fre)
ACROMEGALY, blood/ ADULT/ AGED/ ANTIGEN-ANTIBODY REACTIONS/ CHROMATOGRAPHY/ ELECTROPHORESIS/ *ENDOCRINE DISEASES, blood/ ENGLISH ABSTRACT/ FEEDBACK/ FEMALE/ GEL FILTRATION/ GOITER, blood/ GONADOTROPINS, CHORIONIC, diagnostic use/ HEMOCHROMATOSIS, blood/ HUMAN/ HYDATIDIFORM MOLE, blood/ HYPERTHYROIDISM, blood/ HYPOPITUITARISM, blood/ HYPOTHYROIDISM, blood/ IMMUNE SERUMS, diagnostic use/ IODINE ISOTOPES/ LYNESTRENOL, administration & dosage/ MALE/ MESTRANOL, administration & dosage/ METHODS/ MIDDLE AGE/ PREGNANCY/ RADIOIMMUNOASSAY/ THYROID GLAND FUNCTION TESTS/ THYROID HORMONES, administration & dosage/ *THYROTROPIN, blood/ THYROXINE, administration & dosage/ TRIIODOTHYRONINE, administration & dosage

1109. **Freytes MA:** El quimismo gástrico en las tiroidopatias.
Rev Fac Cienc Med Cordoba 26:83-6, Jan-Mar 68 (Spa)
ADULT/ ENGLISH ABSTRACT/ FEMALE/ *GASTRIC JUICE, secretion/ HUMAN/ MALE/ *THYROID DISEASES

1110. **Frezzotti R, Carretti N, Filippone C:** Un caso di endocraniosi con alterazioni endocrine della sfera genitale femminile e con atrofia ottica unilaterale per stenosi del canale ottico.
Riv Otoneurooftal 42:483-91, Nov-Dec 67 (Ita)
ADULT/ CONSTRICTION/ *CORPUS LUTEUM HORMONES, secretion/ *ESTROGENS, urine/ FEMALE/ *GONADOTROPINS, secretion/ HUMAN/ *HYPEROSTOSIS FRONTALIS INTERNA, complications/ *OPTIC ATROPHY, complications/ *OVARIAN DISEASES, complications/ SPHENOID BONE

1111. **Fridrich R, Rippmann ET, Kaufmann V:** Die Beeinflussung der Bindungsfähigkeit der thyroxinbindenden Proteine durch die Schwangerschaft.
Schweiz Med Wschr 99:833-9, Jun 69 (Ger)
ADULT/ AGAR/ BLOOD PROTEIN ELECTROPHORESIS/ BREAST NEOPLASMS, blood/ CONTRACEPTIVES, ORAL, pharmacodynamics/ ENGLISH ABSTRACT/ ESTROGENS, pharmacodynamics/ FEMALE/ GELS/ HUMAN/ MALE/ *PREGNANCY/ PREGNANCY COMPLICATIONS, diagnosis/ PROGESTERONE, pharmacodynamics/ PROSTATIC NEOPLASMS, blood/ THYROID GLAND, drug effects/ THYROID GLAND, metabolism/ *THYROXINE-BINDING PROTEIN

1112. **Fried L, Magyarsoki F, Szilagyi G:** Schwammige Nierensubstanzdegeneration und anschliessende sekundäre Hyperparathyreose.
Z Urol 61:443-51, Jul 68 (Ger)
ADULT/ AMMONIUM CHLORIDE, urine/ CREATININE, blood/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ *HYPERPARATHYROIDISM, complications/ KIDNEY FUNCTION TESTS/ KIDNEY, POLYCYSTIC, blood/ *KIDNEY, POLYCYSTIC, complications/ KIDNEY, POLYCYSTIC, radiography/ KIDNEY, POLYCYSTIC, urine/ MALE/ MIDDLE AGE

1113. **Friedman HM, Allen N:** Chronic effects of complete limbic lobe destruction in man.
Neurology (Minneap) 19:679-90, Jul 69
DEMYELINATION, pathology/ ENCEPHALITIS/ ENCEPHALOMALACIA, pathology/ GANGLIA, BASAL, pathology/ GLIOSIS, pathology/ GYRUS CINGULI, pathology/ HIPPOCAMPUS, pathology/ HUMAN/ HYPOTHALAMUS, pathology/ *LIMBIC SYSTEM, pathology/ MALE/ MEMORY DISORDERS, etiology/ *MEMORY DISORDERS, pathology/ MIDDLE AGE/ SEX/ THALAMUS, pathology

1114. **Friedman M, Byers SO, Elek SR:** The induction of neurogenic hypercholesteremia.
Proc Soc Exp Biol Med 131:759-62, Jul 69
ANIMAL EXPERIMENTS/ CHOLESTEROL/

DIET/ *HYPERCHOLESTEREMIA, etiology/ *HYPOTHALAMUS, physiology/ HYPOTHALAMUS, physiopathology/ HYPOTHALAMUS, surgery/ MALE/ RATS/ STEREOTAXIC TECHNICS/ TRIGLYCERIDES, blood

1115. **Friedman S, Gans B, Eckerling B, et al:** Placental hormone activity after removal of the fetus in a case of advanced abdominal pregnancy.
J Obstet Gynaec Brit Comm 76:554-8, Jun 69
ABDOMEN/ ADULT/ ESTRADIOL, urine/ ESTRIOL, urine/ ESTROGENS, urine/ ESTRONE, urine/ FEMALE/ *FETUS/ GONADOTROPINS, CHORIONIC, urine/ HUMAN/ 17-KETOSTEROIDS, urine/ PAIN/ PLACENTA, secretion/ *PLACENTAL HORMONES, secretion/ PREGNANCY/ *PREGNANCY, ABDOMINAL/ PREGNANEDIOL, urine

1116. **Friedman S, Goldfien A:** Breast secretions in normal women. Amer J Obstet Gynec 104:846-9, 15 Jul 69
ADOLESCENCE/ ADULT/ AGE FACTORS/ *BREAST, secretion/ CONTRACEPTIVES, ORAL, adverse effects/ FAMILY PLANNING/ FEMALE/ HEMORRHAGE, POSTPARTUM, complications/ HUMAN/ LACTATION DISORDERS, chemically induced/ *LACTATION DISORDERS, diagnosis/ MENSTRUATION DISORDERS, diagnosis/ PARITY/ PREGNANCY/ TRANQUILIZING AGENTS, adverse effects

1117. **Friedrich F, Gitsch E:** Luteinzystenbildung der Ovarien mit Perforation und akutem Abdomen nach HMG-HCG-Kur.
Wien Klin Wschr 81:318-20, 2 May 69 **(Ger)**
*ABDOMEN, ACUTE, etiology/ ABDOMEN, ACUTE, surgery/ ADULT/ *AMENORRHEA, drug therapy/ ASCITES, etiology/ *CORPUS LUTEUM CYST, chemically induced/ CORPUS LUTEUM CYST, complications/ CORPUS LUTEUM CYST, surgery/ FEMALE/ *GONADOTROPINS, adverse effects/ GONADOTROPINS, therapeutic use/ *GONADOTROPINS, CHORIONIC, adverse effects/ GONADOTROPINS, CHORIONIC, therapeutic use/ HUMAN/ LAPAROTOMY/ OVARY, surgery/ PREGNANEDIOL, urine/ *STERILITY, FEMALE, drug therapy

1118. **Frohman LA, Bernardis LL, Schnatz JD, et al:** Plasma insulin and triglyceride levels after hypothalamic lesions in weanling rats.
Amer J Physiol 216:1496-501, Jun 69
ADIPOSE TISSUE, analysis/ ANIMAL EXPERIMENTS/ BLOOD PROTEIN ELECTROPHORESIS/ BLOOD SUGAR, analysis/ BODY WEIGHT/ EATING/ FEMALE/ *HYPOTHALAMUS, physiology/ *INSULIN, blood/ RADIOIMMUNOASSAY/ RATS/ *TRIGLYCERIDES, blood

1119. **Frontino G, Faldini A:** Le alterazioni metaboliche osservate nella scoliosi idiopatica del bambino.
Arch Putti 23:384-92, 1968 **(Ita)**
ADOLESCENCE/ *AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ CHILD/ CREATININE, metabolism/ *ELECTROLYTES, metabolism/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ *METABOLIC DISEASES, complications/ NITROGEN, metabolism/ PHOSPHORUS, metabolism/ POTASSIUM, metabolism/ *PROTEINS, metabolism/ SCOLIOSIS, etiology/ *SCOLIOSIS, metabolism/ SODIUM, metabolism

1120. **Frost P, Gomez EC, Weinstein GD, et al:** Metabolism of progesterone-4-14C in vitro in human skin and vaginal mucosa. Biochemistry (Wash) 8:948-52, Mar 69
ABDOMEN/ ACETATES/ ADULT/ CARBON ISOTOPES/ CHROMATES/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ CIRCUMCISION/ FEMALE/ HUMAN/ INFANT, NEWBORN/ KETONES, biosynthesis/ MALE/ MUCOUS MEMBRANE, metabolism/ OXIMES/ PENIS/ *PREGNANES, biosynthesis/ *PROGESTERONE, metabolism/ RADIOISOTOPE DILUTION TECHNIC/ *SKIN, metabolism/ STEREOISOMERS/ *STEROLS, biosynthesis/ *VAGINA, metabolism

1121. **Frouchtman R:** Premiers résultats cliniques obtenus avec une nouvelle cortisotimuline de synthèse d'action retard: Synacthen Retard.
Praxis 57:845-8, 11 Jun 68 **(Fre)**
*ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ AGED/ *ASTHMA, drug therapy/ EPHEDRINE, therapeutic use/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ THEOPHYLLINE, therapeutic use

1122. **Fuchs F:** Inhibition of sarcotubular calcium transport by caffeine: species and temperature dependence.
Biochim Biophys Acta 172:566-70, 8 Apr 69
ANIMAL EXPERIMENTS/ *BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ *CAFFEINE, pharmacodynamics/ *CALCIUM, metabolism/ DEPRESSION, CHEMICAL/ FROGS/ MEMBRANES/ MUSCLE CONTRACTION, drug effects/ MUSCLES, drug effects/ *MUSCLES, metabolism/ RABBITS/ SPECIES SPECIFICITY/ TEMPERATURE

1123. **Fujii J, Kurihara H, Yamaguchi H, et al:** Salt-rich diet and experimental renovascular hypertension in the rabbit. Tohoku J Exp Med 97:191-6, Mar 69
ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ *DIET/ *HYPERTENSION, RENAL, physiopathology/ ISCHEMIA/ KIDNEY, blood supply/ MALE/ RABBITS/ RENAL ARTERY/ RENIN, blood/ *SODIUM CHLORIDE/ TIME FACTORS

1124. **Fujino S, Yorozuya S, Izumi T, et al:** Anti-ouabain action of steroid hormones on twitch and potassium contracture in heart ventricle strip of frog.
Jap J Pharmacol 19:148-56, Mar 69
*ALDOSTERONE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CORTICOSTERONE, pharmacodynamics/ DESOXYCORTICOSTERONE, pharmacodynamics/ DEXAMETHASONE, pharmacodynamics/ ESTRADIOL, pharmacodynamics/ FROGS/ *GLUCOCORTICOIDS, pharmacodynamics/ *HEART VENTRICLE, drug effects/ HYDROCORTISONE, pharmacodynamics/ MEMBRANE POTENTIALS, drug effects/ *MUSCLE CONTRACTION, drug effects/ *OUABAIN, pharmacodynamics/ *POTASSIUM/ PREDNISOLONE, pharmacodynamics/ PROGESTERONE, pharmacodynamics/ *SEX HORMONES, pharmacodynamics/ TESTOSTERONE, pharmacodynamics

1125. **Fujita H:** Studies on the iodine metabolism of the thyroid gland as revealed by electron microscopic autoradiography of 125I.
Virchow Arch [Zellpath] 2:265-79, 1969
CYTOPLASM/ GOLGI APPARATUS/ INJECTIONS, INTRAPERITONEAL/ *IODINE, metabolism/ IODINE ISOTOPES, DIAGNOSTIC/ MICE/ MICROSCOPY, ELECTRON/ RADIOAUTOGRAPHY/ THYROID GLAND, cytology/ *THYROID GLAND, metabolism/ THYROTROPIN, administration & dosage/ THYROXINE, secretion/ TRIIODOTHYRONINE, secretion

1126. **Fujita T, Orimo H:** [Thyrocalcitonin]
Jap J Clin Med 27:411-6, Feb 69 (29 ref.) **(Jap)**
ADULT/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CALCIUM, blood/ CATS/ HUMAN/ MALE/ METHODS/ MICE/ RATS/ REVIEW/ SHEEP/ SWINE/ *THYROCALCITONIN, analysis/ THYROCALCITONIN, blood/ THYROID DISEASES, metabolism/ THYROID GLAND, analysis

1127. **Fukuchi S, Miura Y, Katsushima I:** [Angiotensin]
Jap J Clin Med 27:347-51, Feb 69 **(Jap)**
*ANGIOTENSIN, blood/ ANIMAL EXPERIMENTS/ IMMUNE SERUMS/ IODINE

ISOTOPES/ METHODS/ RABBITS/ RADIOIMMUNOASSAY/ RENIN, blood

1128. **Fukuyama Y:** [Diagnosis and treatment of epilepsy] Acta Paediat Jap 72:1462-83, 1 Oct 68 (25 ref.) (Jap)
ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ AGE FACTORS/ AGED/ ANTICOAGULANTS, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ CORTICOTROPIN, administration & dosage/ DIAZEPAM, therapeutic use/ ELECTROENCEPHALOGRAPHY/ EPILEPSY, classification/ *EPILEPSY, diagnosis/ *EPILEPSY, drug therapy/ EPILEPSY, occurrence/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ INFANT/ INJECTIONS, INTRAMUSCULAR/ JAPAN/ MALE/ MIDDLE AGE/ REVIEW/ SEX FACTORS

1129. **Fülgraff G:** Angiotensin.
Med Welt 17:1001-6, Apr 69 (Ger)
ADRENAL GLANDS, drug effects/ *ANGIOTENSIN/ ANGIOTENSIN, pharmacodynamics/ BLOOD PRESSURE, drug effects/ CARDIOVASCULAR SYSTEM, drug effects/ HUMAN/ KIDNEY, drug effects/ RENIN, pharmacodynamics

1130. **Fullenlove TM:** Experience with over 2,000 uterosalpingographies.
Amer J Roentgen 106:463-71, Jul 69
CARCINOMA, radiography/ CERVIX DISEASES, radiography/ ENDOMETRIAL HYPERPLASIA, radiography/ ENDOMETRIOSIS, radiography/ FALLOPIAN TUBES, radiography/ FEMALE/ GYNECOLOGIC DISEASES, radiography/ HUMAN/ *HYSTEROSALPINGOGRAPHY/ HYSTEROSALPINGOGRAPHY, adverse effects/ METHODS/ OVARIAN NEOPLASMS, radiography/ POLYPS, radiography/ PREGNANCY/ UTERINE NEOPLASMS, radiography/ UTERUS, abnormalities/ UTERUS, radiography/ VAGINA, abnormalities

1131. **Funder JW, Blair-West JR, Coghlan JP, et al:** Effect of (K+) on the secretion of aldosterone.
Endocrinology 85:381-4, Aug 69
ADRENAL GLANDS, blood supply/ *ADRENAL GLANDS, secretion/ ADRENAL GLANDS, transplantation/ *ALDOSTERONE, secretion/ ANIMAL EXPERIMENTS/ ARTERIES/ CAROTID ARTERIES/ CORTICOSTERONE, secretion/ HYDROCORTISONE, secretion/ JUGULAR VEIN/ *POTASSIUM, blood/ POTASSIUM CHLORIDE, pharmacodynamics/ SECRETORY RATE/ SHEEP/ TRANSPLANTATION, AUTOLOGOUS

1132. **Funovics J, Mannheimer E, Meissl G, et al:** Die sklerosierende Fibrose des Retroperitoneums und des Mediastinums.
Wien Med Wschr 119:369-71, 10 May 69 (Ger)
ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ MALE/ MEDIASTINAL DISEASES, complications/ *MEDIASTINAL DISEASES, diagnosis/ MEDIASTINAL DISEASES, surgery/ MIDDLE AGE/ *RETROPERITONEAL FIBROSIS, diagnosis/ RETROPERITONEAL FIBROSIS, drug therapy/ RETROPERITONEAL FIBROSIS, surgery/ THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, surgery

1133. **Furkert K:** Antiasthmatika. 12.
Pharm Prax 9:251-3, 1967 (41 ref.) (Ger)
ADRENAL CORTEX HORMONES, therapeutic use/ AMINOPHYLLINE, therapeutic use/ ANALEPTICS, therapeutic use/ ANTIBIOTICS, therapeutic use/ *ANTIHISTAMINICS, therapeutic use/ *ASTHMA, drug therapy/ ATROPINE, therapeutic use/ BARBITURATES, therapeutic use/ *BRONCHODILATOR AGENTS, therapeutic use/ CALCIUM CHLORIDE, therapeutic use/ CHLOROQUINE, therapeutic use/ EPHEDRINE, therapeutic use/ EPINEPHRINE, therapeutic use/ EXPECTORANTS, therapeutic use/ HUMAN/ ISOPROTERENOL, therapeutic use/ PAPAVERINE, therapeutic use/ PHENOTHIAZINES, therapeutic use/ POTASSIUM IODIDE, therapeutic use/ REVIEW/ THEOPHYLLINE, therapeutic use/ TRYPSIN, therapeutic use

1134. **Furkert K:** Rhinologika. 14.
Pharm Prax 9:255-8, 1967 (96 ref.) (Ger)
ACRIDINES, therapeutic use/ *ADRENAL CORTEX HORMONES, therapeutic use/ *ANTIBIOTICS, therapeutic use/ *ANTIHISTAMINICS, therapeutic use/ BORIC ACIDS, therapeutic use/ CHLORAMPHENICOL, therapeutic use/ DEXAMETHASONE, therapeutic use/ DIPHENHYDRAMINE, therapeutic use/ EPHEDRINE, therapeutic use/ EPINEPHRINE, therapeutic use/ HUMAN/ HYDROCORTISONE, therapeutic use/ IMIDAZOLES, therapeutic use/ METHOXAMINE, therapeutic use/ MYOCARDIAL DEPRESSANTS, therapeutic use/ NAPHAZOLINE, therapeutic use/ NEOMYCIN, therapeutic use/ *NOSE DISEASES, drug therapy/ OILS, VOLATILE/ OXYMETAZOLINE, therapeutic use/ PHENIRAMINE, therapeutic use/ PREDNISOLONE, therapeutic use/ PREDNISONE, therapeutic use/ REVIEW/ TRIAMCINOLONE, therapeutic use/ TRIPELENNAMINE, therapeutic use/ *VASOCONSTRICTOR AGENTS, NASAL, therapeutic use

1135. **Furkert K:** Otologika. 13.
Pharm Prax 9:253-4, 1967 (29 ref.) (Ger)
ADRENAL CORTEX HORMONES, therapeutic use/ AMINOPYRINE, therapeutic use/ *ANESTHETICS, LOCAL, therapeutic use/ ANTIBIOTICS, therapeutic use/ *ANTI-INFECTIVE AGENTS, LOCAL, therapeutic use/ *ANTI-INFLAMMATORY AGENTS, therapeutic use/ ANTIPYRINE, therapeutic use/ BENZOCAINE, therapeutic use/ CHLORAMPHENICOL, therapeutic use/ DISINFECTANTS, therapeutic use/ *EAR DISEASES, drug therapy/ FORMALDEHYDE, therapeutic use/ HUMAN/ HYDROCORTISONE, therapeutic use/ LIDOCAINE, therapeutic use/ NEOMYCIN, therapeutic use/ NITROFURAZONE, therapeutic use/ PREDNISOLONE, therapeutic use/ PROCAINE, therapeutic use/ REVIEW/ TETRACAINE, therapeutic use/ TOLUENE, therapeutic use

1136. **Furth ED, Rathbun M, Posillico J:** A modified bioassay for the long-acting thyroid stimulator (LATS).
Endocrinology 85:592-3, Sep 69
ANIMAL EXPERIMENTS/ *BIOLOGICAL ASSAY/ DEPRESSION, CHEMICAL/ FEMALE/ *LONG-ACTING THYROID STIMULATOR, analysis/ METHODS/ MICE/ *THYROTROPIN, secretion/ TIME FACTORS/ *TRIIODOTHYRONINE, pharmacodynamics

1137. **Futornyi MG, Svetlova GV:** Materialy po izucheniiu funktsii kory nadpochechnikov i shchitovidnoĭ zhelevy u bol'nykh mastopatieĭ.
Vop Onkol 15:87-8, 1969 (Rus)
ADOLESCENCE/ ADRENAL CORTEX HORMONES, urine/ *ADRENAL GLANDS, physiopathology/ ADULT/ *BREAST DISEASES, physiopathology/ BREAST DISEASES, urine/ FEMALE/ HUMAN/ IODINE ISOTOPES, diagnostic use/ 17-KETOSTEROIDS, urine/ MIDDLE AGE/ PITUITARY-ADRENAL FUNCTION TESTS/ *THYROID GLAND, physiopathology

G

1138. **Gaca A:** Uber die Zusammenhänge zwischen Osteopathien, Hyperkalziurie und Nierensteinbildung.
Med Welt 25:1552-4, 24 Jun 67 (Ger)
*CALCIUM, urine/ HUMAN/ *KIDNEY CALCULI, complications/ *OSTEITIS DEFORMANS, complications/ *OSTEOPOROSIS, complications

1139. **Gädeke R, Döring B:** Morphologische Untersuchungen

über den Einfluss eines Blutextraktes auf des Verhalten von Leber, Lungen und Nebennierenrinden bei mit Grippevirus infizierten Albinomäusen.
Arzneimittelforschung 19:591-603, Apr 69 (Ger)
*ADRENAL GLANDS, pathology/ ANIMAL EXPERIMENTS/ CELL NUCLEUS, drug effects/ FEMALE/ HISTOLOGICAL TECHNICS/ *INFLUENZA, drug therapy/ INFLUENZA, pathology/ *INFLUENZA, ASIAN, drug therapy/ INFLUENZA, ASIAN, pathology/ KARYOMETRY/ *LIVER, pathology/ *LUNG, pathology/ MALE/ MICE/ *SEROTHERAPY

1140. **Gajdos A**: Quelques données nouvelles sur la biochimie de l'insuline. Presse Med 77:1007-10, 7 Jun 69 (Fre)
ADIPOSE TISSUE, metabolism/ AMINO ACID SEQUENCE/ AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ CHEMISTRY/ CORTICOTROPIN, metabolism/ DIABETES MELLITUS, JUVENILE, physiopathology/ FATTY ACIDS, biosynthesis/ FATTY ACIDS, metabolism/ GLUCOKINASE, metabolism/ GLUCONEOGENESIS/ GLUCOSE, metabolism/ HUMAN/ HYPERGLYCEMIA, metabolism/ *INSULIN/ INSULIN ANTIBODIES/ ISLANDS OF LANGERHANS, secretion/ LIVER, metabolism/ MUSCLES, metabolism/ OBESITY, physiopathology/ PEPTIDE PEPTIDOHYDROLASES, metabolism/ PHOSPHOFRUCTOKINASE, metabolism/ PROTEINS, biosynthesis/ PROTEINS, metabolism/ RATS/ RNA, MESSENGER, biosynthesis/ TOLBUTAMIDE, pharmacodynamics

1141. **Gajdos A, Weil J, Gajdos-Török M, et al**: Une nouvelle variété de porphyrie, la coproporphyrie héréditaire mixte ou variegata.
Rev Franc Etud Clin Biol 14:279-82, Mar 69 (Fre)
ADENINE NUCLEOTIDES, therapeutic use/ CHILD/ DEHYDRATION, complications/ FECES, analysis/ FEMALE/ HUMAN/ HYPERTRICHOSIS, complications/ HYPOKALEMIA, complications/ HYPONATREMIA, complications/ NEUROLOGIC MANIFESTATIONS/ PIGMENTATION DISORDERS/ PORPHYRIA, classification/ *PORPHYRIA, familial & genetic/ PORPHYRINS, analysis/ PORPHYRINS, metabolism/ PORPHYRINS, urine/ PREDNISONE, therapeutic use/ SKIN MANIFESTATIONS

1142. **Galibin GP**: Raspredelenie urana v organizme krys pri ingaliatsionnom vvedenii diuranata ammoniia.
Gig Sanit 32:40-3, Dec 67 (Rus)
*AMMONIUM COMPOUNDS, metabolism/ ANIMAL EXPERIMENTS/ BONE AND BONES, metabolism/ KIDNEY, metabolism/ LIVER, metabolism/ LUNG, metabolism/ RATS/ SPLEEN, metabolism/ TIME FACTORS/ *URANIUM, metabolism

1143. **Galliant S, Brownie AC**: Corticosteroidogenesis and cytochrome levels in the regenerating rat adrenal.
Arch Biochem 131:441-8, May 69
*ADRENAL GLANDS, metabolism/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ CARBON ISOTOPES/ *CORTICOSTERONE, biosynthesis/ *CYTOCHROMES, metabolism/ *DESOXYCORTICOSTERONE, biosynthesis/ DESOXYCORTICOSTERONE, metabolism/ ELECTRON TRANSPORT/ FEMALE/ HYDROXYLASES, metabolism/ MALATES, metabolism/ MICROSOMES, metabolism/ MITOCHONDRIA, metabolism/ NADP, metabolism/ *PREGNANES, biosynthesis/ PROGESTERONE, metabolism/ RATS/ *REGENERATION/ SPECTRUM ANALYSIS/ *STEROLS, biosynthesis/ TIME FACTORS

1144. **Galli S, Belluomini G**: Curarizzazione e respirazione controllata in grave tetano della prima infanzia.
Minerva Pediat 19:1711-4, 15 Sep 67 (Ita)
CHILD, PRESCHOOL/ CHLORPROMAZINE, therapeutic use/ CONVULSIONS, drug therapy/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ MYOCLONUS, drug therapy/ *PARENTERAL FEEDING/ PENICILLIN, therapeutic use/ RESPIRATORS/ STREPTOMYCIN, therapeutic use/ TETANUS ANTITOXIN, therapeutic use/ *TETANY, therapy/ TRACHEOTOMY/ *TUBOCURARINE, therapeutic use

1145. **Gallien L**: Developments in sexual organogenesis.
Advances Morph 6:259-317, 1967 (195 ref.)
AMPHIBIA/ ANIMAL EXPERIMENTS/ BIRDS/ CELL DIFFERENTIATION/ COELENTERATA/ CRUSTACEA/ ENDOCRINE GLANDS, physiology/ ESTROGENS, pharmacodynamics/ FEMALE/ FISHES/ GENETICS/ *GONADS, embryology/ HORMONES, pharmacodynamics/ INSECTS/ MALE/ MAMMALS/ NEUROSECRETION/ PARABIOSIS/ REVIEW

1146. **Galton DJ**: Regulation of supply of glycerol phosphate for lipogenesis in human adipose tissue.
Clin Sci 36:505-16, Jun 69
ADIPOSE TISSUE, enzymology/ *ADIPOSE TISSUE, metabolism/ ADULT/ CARBON ISOTOPES/ CUSHING'S SYNDROME, metabolism/ ELECTROPHORESIS/ FEMALE/ GLUCOSE, metabolism/ GLYCEROLPHOSPHATE DEHYDROGENASE, analysis/ *GLYCEROPHOSPHATES, metabolism/ HUMAN/ IN VITRO/ *LIPIDS, biosynthesis/ MALE/ MIDDLE AGE/ MITOCHONDRIA, enzymology/ PYRUVATES, metabolism/ SUCCINATE DEHYDROGENASE, analysis

1147. **Galton VA, Nisula BC**: Thyroxine metabolism and thyroid function in the cold-adapted rat.
Endocrinology 85:79-86, Jul 69
ACCLIMATIZATION/ ANIMAL EXPERIMENTS/ BILE, analysis/ BODY WEIGHT/ *COLD/ FECES, analysis/ IODIDES, metabolism/ IODIDES, urine/ IODINE, analysis/ IODINE ISOTOPES/ LIVER, metabolism/ MALE/ ORGAN WEIGHT/ RATS/ *THYROID GLAND, physiology/ THYROXINE, blood/ *THYROXINE, metabolism

1148. **el Gammal T**: Extra-ventricular (communicating) hydrocephalus: some observations on the midline ventricles.
Amer J Roentgen 106:308-28, Jun 69 (28 ref.)
ADOLESCENCE/ ADULT/ ARNOLD-CHIARI DEFORMITY, radiography/ BRAIN DISEASES, radiography/ CAROTID ARTERIES, radiography/ *CEREBELLUM, abnormalities/ CEREBRAL ANGIOGRAPHY/ *CEREBRAL VENTRICLES, abnormalities/ CHILD, PRESCHOOL/ DILATATION/ FEMALE/ HUMAN/ *HYDROCEPHALUS/ HYDROCEPHALUS, complications/ HYDROCEPHALUS, etiology/ HYDROCEPHALUS, radiography/ INFANT/ INFANT, NEWBORN/ MALE/ MIDDLE AGE/ PINEALOMA, radiography/ PNEUMOENCEPHALOGRAPHY/ REVIEW/ SPINA BIFIDA, complications/ SPINA BIFIDA, radiography/ SUBARACHNOID SPACE/ TOMOGRAPHY/ VENTRICULOGRAPHY

1149. **Gammill SL, Nice CM Jr**: Calcification in the inferior vena cava. Radiology 92:1288-90, May 69
ADRENAL GLAND DISEASES, diagnosis/ *CALCINOSIS, diagnosis/ CALCINOSIS, radiography/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ INFANT, NEWBORN/ JAUNDICE, NEONATAL, complications/ MALE/ MIDDLE AGE/ NEUROBLASTOMA, diagnosis/ TERATOID TUMOR, diagnosis/ *VENA CAVA, INFERIOR/ VENA CAVA, INFERIOR, radiography

1150. **Gangwar PC**: Growth patterns of chicks in relation to termperature variations. 2. Endocrine factors.
Indian Vet J 46:316-20, Apr 69
*CHICKENS, growth & development/ *ENDOCRINE GLANDS, physiology/ *TEMPERATURE

1151. **Ganster H, Magnus H**: Verbesserte Methode des 131 J-Trijodthyronintests.

Med Welt 5:266-7, 1 Feb 69 (Ger)
HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ METHODS/ *THYROID GLAND FUNCTION TESTS/ *TRIIODOTHYRONINE, diagnostic use

1152. **Gardner DL, Matthews MA:** Ultrastructure of the wall of small arteries in early experimental rat hypertension. J Path 97:51-62, Jan 69
ANIMAL EXPERIMENTS/ *ARTERIES, pathology/ COLLAGEN, biosynthesis/ DESOXYCORTICOSTERONE/ EPITHELIUM, pathology/ *HYPERTENSION, pathology/ MALE/ MICROSCOPY, ELECTRON/ MICROSCOPY, PHASE CONTRAST/ MUSCLE, SMOOTH, pathology/ RATS

1153. **Gardner JH, Horenstein S, Van den Noort S:** The clinical characteristics of headache during impending cerebral infarction in women taking oral contraceptives. Headache 8:108-11, Oct 68
ADULT/ APHASIA/ CEREBRAL ANGIOGRAPHY/ CEREBROVASCULAR DISORDERS, chemically induced/ *CEREBROVASCULAR DISORDERS, diagnosis/ CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HEMIPLEGIA/ HUMAN/ MIDDLE AGE/ MIGRAINE, chemically induced/ *MIGRAINE, diagnosis/ NEUROLOGIC MANIFESTATIONS

1154. **Gardner KD Jr, Vierling JM:** Solids, water, and solutes in papillary region of the rat kidney.
Amer J Physiol 217:58-64, Jul 69
ANIMAL EXPERIMENTS/ CALCIUM, analysis/ DIURESIS/ DNA, analysis/ HYPERCALCEMIA/ *KIDNEY, analysis/ KIDNEY, physiology/ KIDNEY CONCENTRATING ABILITY/ MALE/ ORGAN WEIGHT/ OSMOLAR CONCENTRATION/ PROTEINS, analysis/ RATS/ *SODIUM, analysis/ UREA, analysis/ URINE, analysis/ *WATER, analysis.

1155. **Garneau R, Cabanne F:** Dysembryome ovarien de type enteroide et bilio-hepatoide avec hyperplasie fonctionnele des cellules sympathiocotropes de Berger. (A propos d'une observation)
Ann Anat Path (Paris) 13:423-31, Oct-Dec 68 (Fre)
ADULT/ *BILE DUCTS, pathology/ *DYSEMBRYOMA, pathology/ DYSEMBRYOMA, surgery/ FEMALE/ HUMAN/ HYPERPLASIA/ *INTESTINAL MUCOSA, pathology/ LEYDIG CELL TUMOR, complications/ LEYDIG CELL TUMOR, pathology/ *LIVER, pathology/ *OVARIAN NEOPLASMS, pathology/ *VIRILISM, etiology

1156. **Garnham JR, Bulbrook RD, Wang DY:** Conjugated and unconjugated dehydroepiandrosterone, aetiocholanolone and androsterone in the peripheral plasma of patients with cancer of the breast, ovary, uterus or prostate. Europ J Cancer 5:239-45, Jun 69
ADULT/ *ANDROSTERONE, blood/ BREAST NEOPLASMS, blood/ *DEHYDROEPIANDROSTERONE, blood/ *ETIOCHOLANOLONE, blood/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *NEOPLASMS, blood/ OVARIAN NEOPLASMS, blood/ PROSTATIC NEOPLASMS, blood/ UTERINE NEOPLASMS, blood

1157. **Garson OM, Robson MK:** Studies in a patient with acute leukaemia after lysergide treatment.
Brit Med J 2:800-2, 28 Jun 69
ADULT/ ANTIBIOTICS, ANTINEOPLASTIC, therapeutic use/ BONE MARROW, pathology/ BONE MARROW EXAMINATION/ CASE REPORT/ CHROMOSOME ABNORMALITIES, chemically induced/ HUMAN/ *LEUKEMIA, LYMPHOBLASTIC, chemically induced/ LEUKEMIA, LYMPHOBLASTIC, drug therapy/ *LYSERGIC ACID DIETHYLAMIDE, adverse effects/ MALE/ NEUROSES, OBSESSIVE-COMPULSIVE, drug therapy/ PREDNISOLONE, therapeutic use

1158. **Gärtner F:** Erkrankungen des Kiefergelenks und ihre Therapie. Zahnaerztl Welt 78:19-24, 10 Jan 69 (Ger)
ACUTE DISEASE/ ANKYLOSIS, therapy/ ARTHRITIS, therapy/ CHRONIC DISEASE/ CORTISONE, therapeutic use/ *COSTEN'S SYNDROME, therapy/ HUMAN/ INJECTIONS, INTRA-ARTICULAR/ JOINT DISEASES, etiology/ *JOINT DISEASES, therapy/ PHYSICAL THERAPY/ *TEMPOROMANDIBULAR JOINT/ TEMPOROMANDIBULAR JOINT, surgery

1159. **Garusi GF:** Macroradiografia e microradiografia del tessuto osseo (rassegna tecnica e metodologica; applicazioni pratiche)
Fracastoro 60:409-37, Sep-Oct 67 (146 ref.) (Ita)
AGED/ *BONE AND BONES, radiography/ *BONE DISEASES, radiography/ CHILD/ FEMALE/ FRACTURES, radiography/ HUMAN/ HYPEROSTOSIS FRONTALIS INTERNA, radiography/ INFANT/ MALE/ METHODS/ MICRORADIOGRAPHY/ OSTEITIS DEFORMANS, radiography/ OSTEOGENESIS IMPERFECTA, radiography/ PERIOSTEUM, radiography/ REVIEW

1160. **Gasbarrini G, Melchionda N:** L'importanza della dieta aglutinata nella terapia del malassorbimento.
Recent Progr Med (Roma) 46:67-94, Jan 69 (Ita)
ADDISON'S DISEASE, therapy/ COLITIS, ULCERATIVE, therapy/ *DIET THERAPY/ ENTERITIS, therapy/ *GLUTEN, adverse effects/ HUMAN/ LIPODYSTROPHY, INTESTINAL, therapy/ *MALABSORPTION SYNDROMES, therapy/ POSTGASTRECTOMY SYNDROMES, therapy/ SJOGREN'S SYNDROME, therapy/ SPRUE, therapy

1161. **Gasiński J, Kokot F, Kogut Z:** Chirurgiczne leczenie zespołu pierwotnego aldosteronizmu w świetle 13 obserwowanych przypadków.
Pol Tyg Lek 24:261-4, 25 Feb 69 (Pol)
ADENOMA, surgery/ *ADRENAL GLAND NEOPLASMS, surgery/ ADRENALECTOMY/ ADULT/ FEMALE/ HUMAN/ *HYPERALDOSTERONISM, surgery/ MALE/ MIDDLE AGE/ RETROSPECTIVE STUDIES

1162. **Gąsiorowski W:** Zalety i wady leczenia nadczynności tarczycy jodem promieniotwórczym.
Pol Tyg Lek 24:535-7, Apr 69 (14 ref.) (Pol)
HUMAN/ *HYPERTHYROIDISM, radiotherapy/ *IODINE ISOTOPES, therapeutic use/ RADIOISOTOPE SCANNING/ REVIEW/ THYROID HORMONES, therapeutic use

1163. **Gasparetto A, Simone M, Tajoli E:** Basi biochimiche dell'anestesia.
Acta Anaesth (Padova) 19:671-816, Sep-Oct 68 (Ita)
*ANESTHESIA/ ANESTHETICS, metabolism/ *ANESTHETICS, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BIOCHEMISTRY/ *BIOLOGICAL TRANSPORT, drug effects/ *CARBOHYDRATES, metabolism/ *ELECTROLYTES, metabolism/ ENDOCRINE GLANDS, drug effects/ *FATTY ACIDS, metabolism/ HUMAN/ LIVER, drug effects/ *METABOLISM, drug effects/ MYOCARDIUM, metabolism/ PROTEIN BINDING/ *PROTEINS, metabolism

1164. **Gatto E, Pon A, Ribatto A, et al:** L'ansa vettocardiografica atriale e ventricolare negli ipertiroidei. Pathologica 60:309-15, Jul-Aug 68 (Ita)
ADOLESCENCE/ ADULT/ *ARRHYTHMIA, etiology/ ELECTROCARDIOGRAPHY/ *HEART, physiopathology/ *HEART FAILURE, CONGESTIVE, etiology/ HUMAN/ *HYPERTHYROIDISM, complications/ *VECTORCARDIOGRAPHY

1165. **Gaudier B, Franchimont P, Ponté C, et al:** Le gigantisme cérébral (à propso d'une observation avec étude de la fonction somatotrope)
Pediatrie 24:325-37, Apr-May 69 (Fre)
CHILD, PRESCHOOL/ *GIGANTISM/ *HEAD, abnormalities/ HUMAN/ *HYPOTHALAMUS/ MALE/ *SOMATOTROPIN, blood

1166. **Gautam JP, Singh BP:** Role of breeding season on the economics of raising buffalo till they complete first lactation. Indian Vet J 45:420-5, May 68
*BREEDING/ *BUFFALOES/ FEMALE/ *LACTATION/ *SEASONS

1167. **Gautier M, Casasoprana A:** La myocardite aiguë du nourrisson. Ses relations avec la fibro-élastose. Son traitement. Sem Hop Paris 44:2878-86, 14 Nov 68 **(Fre)**
ACUTE DISEASE/ ANTICOAGULANTS, therapeutic use/ COXSACKIE VIRUSES, pathogenicity/ DIET, SALT-FREE/ DIGITALIS GLYCOSIDES, administration & dosage/ DIURETICS, administration & dosage/ ELECTROCARDIOGRAPHY/ *ENDOCARDIAL FIBROELASTOSIS/ ENDOCARDIAL FIBROELASTOSIS, etiology/ ENGLISH ABSTRACT/ GLUCOCORTICOIDS, administration & dosage/ HEART ENLARGEMENT, diagnosis/ HEPARIN, therapeutic use/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ *MYOCARDITIS/ MYOCARDITIS, etiology/ MYOCARDITIS, pathology/ MYOCARDITIS, therapy/ MYOCARDIUM, pathology/ OXYGEN INHALATION THERAPY/ THROMBOEMBOLISM, drug therapy/ TRANQUILIZING AGENTS, therapeutic use

1168. **Gautray JP, Couderc P, Colomb MC, et al:** Biochemical determination of alkaline phosphatase activity in the human endometrium during the menstrual cycle. Amer J Obstet Gynec 104:818-22, 15 Jul 69
*ALKALINE PHOSPHATASE, analysis/ BIOPSY/ *ENDOMETRIUM, enzymology/ ENDOMETRIUM, pathology/ ESTROGENS, physiology/ FEMALE/ GYNECOLOGIC DISEASES, physiopathology/ HISTOCYTOCHEMISTRY/ HUMAN/ *MENSTRUATION/ PROTEINS, biosynthesis/ RNA, metabolism/ SPECTROPHOTOMETRY

1169. **Gazariu L, Florescu O:** Zur Insulin-Kortison-Relation im Kohlenhydrat- und Proteinstoffwechsel. Z Ges Inn Med 23:708-11, 15 Nov 68 **(Ger)**
ADULT/ *CORTISONE, blood/ CUSHING'S SYNDROME, blood/ *CUSHING'S SYNDROME, metabolism/ FEMALE/ *GLUCOSE, metabolism/ HUMAN/ *INSULIN, blood/ *INSULIN, pharmacodynamics/ MALE/ *METHIONINE, metabolism/ MIDDLE AGE/ SULFUR ISOTOPES

1170. **Gazhala EM, Kassil' ZhG:** Vliianie adrenaléktomii na vizvannuiu gistaminom sekretsiiu zheludochnogo soka u krys. Fiziol Zh SSSR Sechenov 54:240-4, Feb 68 **(Rus)**
*ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ GASTRIC ACIDITY DETERMINATION/ *GASTRIC JUICE, secretion/ *GASTRIC MUCOSA, drug effects/ *HISTAMINE, pharmacodynamics/ RATS

1171. **Geary CP:** Calcium homeostasis. New Zeal Dent J 65:115-7, Apr 69
*CALCIUM, blood/ *CALCIUM, metabolism/ HUMAN/ PARATHYROID HORMONE, metabolism/ THYROCALCITONIN, metabolism

1172. **Gebhardt W:** Alpha- und Betarezeptoren und deren pharmakologische Beeinflussung. Med Klin 64:822-6, 2 May 69 (47 ref.) **(Ger)**
ANESTHESIA, LOCAL/ ANGINA PECTORIS, drug therapy/ ANIMAL EXPERIMENTS/ ARRHYTHMIA, drug therapy/ CORONARY DISEASE, drug therapy/ DEPRESSION, CHEMICAL/ HUMAN/ HYPERTHYROIDISM, drug therapy/ IDIOPATHIC HYPERTROPHIC SUBVALVULAR STENOSIS, drug therapy/ PARKINSONISM, drug therapy/ PHEOCHROMOCYTOMA, drug therapy/ RECEPTORS, NEURAL, drug effects/ *RECEPTORS, NEURAL, physiology/ REVIEW/ STIMULATION, CHEMICAL/ SYMPATHETIC NERVOUS SYSTEM, drug effects/ *SYMPATHETIC NERVOUS SYSTEM, physiology/ *SYMPATHOLYTICS, pharmacodynamics/ SYMPATHOLYTICS, therapeutic use/ *SYMPATHOMIMETICS, pharmacodynamics/ SYMPATHOMIMETICS, therapeutic use/ VASCULAR DISEASES, drug therapy

1173. **Geidel H, Beickert A:** Zum Problem der generalisierten Mesenchymreaktion bei der Glukokoritkoidtherapie der primär chronischen Polyarthritis. Beitr Rheum 13:107-9, 1968 **(Ger)**
*ARTHRITIS, RHEUMATOID, drug therapy/ *CONNECTIVE TISSUE, drug effects/ GLUCOCORTICOIDS, pharmacodynamics/ *GLUCOCORTICOIDS, therapeutic use/ HUMAN

1174. **Geiger C:** Der Einfluss von vitamin A-Mangel und Uberdosierung auf das Ovar geschlechtsreifer Ratten. Arch Gynaek 206:411-30, 1968 **(Ger)**
AGE FACTORS/ ANIMAL EXPERIMENTS/ CORPUS LUTEUM, anatomy & histology/ *CORPUS LUTEUM, physiology/ FEMALE/ *OVARY, drug effects/ OVARY, pathology/ OVULATION, drug effects/ RATS/ VITAMIN A, administration & dosage/ *VITAMIN A, pharmacodynamics/ VITAMIN A DEFICIENCY, complications

1175. **Geller LI, Kozlova ZP, Glinskaia TP:** Sravnitel'nyĭ analiz otdalennykh posledstviĭ bolezni botkina, lechennoĭ i ne lechennoĭ prednizolonom. Ter Arkh 39:28-32, Aug 67 **(Rus)**
HEPATITIS, INFECTIOUS, complications/ *HEPATITIS, INFECTIOUS, drug therapy/ HUMAN/ *PREDNISOLONE, therapeutic use

1176. **Gembitskiĭ EV, Kolesnik FA, Malyshev VM:** Izmeneniia v sisteme krovi pri khronicheskom vozdeĭstvii SVCh polia. Voennomed Zh 5:21-3, May 69 **(Rus)**
ADULT/ ENVIRONMENTAL EXPOSURE/ ERYTHROCYTE COUNT/ HEMATOPOIESIS/ HEMOGLOBINOMETRY/ HUMAN/ *INDUSTRIAL MEDICINE/ *LEUKOPENIA, etiology/ *MICROWAVES/ *RADIO WAVES/ THYROID GLAND, physiopathology/ TIME FACTORS

1177. **Gemperle F:** Genitalmalignome der Jahre 1956--1965 im Bezirk Potsdam. Z Aerztl Fortbild (Jena) 63:160-3, 1 Feb 69 **(Ger)**
ADENOCARCINOMA, occurrence/ ADULT/ AGED/ CARCINOMA, occurrence/ CARCINOMA, EPIDERMOID, occurrence/ CERVIX NEOPLASMS, occurrence/ CYSTADENOMA, occurrence/ CYSTADENOMA, PAPILLARY, occurrence/ FALLOPIAN TUBE NEOPLASMS, occurrence/ FEMALE/ GERMANY, EAST/ *GYNECOLOGIC NEOPLASMS, occurrence/ GYNECOLOGIC NEOPLASMS, radiotherapy/ GYNECOLOGIC NEOPLASMS, surgery/ HUMAN/ MALE/ MIDDLE AGE/ OVARIAN NEOPLASMS, occurrence/ TERATOID TUMOR, occurrence/ THECA CELL TUMOR, occurrence/ VULVAR NEOPLASMS, occurrence

1178. **Genazzani AR, Benuzzi-Badoni M, Felber JP:** Human chorionic somato-mammotropine (HCSM): lipolytic action of a pure preparation on isolated fat cells. Metabolism 18:593-8, Jul 69
ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ DEXAMETHASONE, pharmacodynamics/ EPIDIDYMIS/ ESTERS, metabolism/ *FATTY ACIDS, NONESTERIFIED, metabolism/ *GLYCERIN, metabolism/ IN VITRO/ *LIPIDS, metabolism/ LIPOTROPIC FACTORS, pharmacodynamics/ MALE/ PEPTIDES, pharmacodynamics/ *PLACENTAL HORMONES, pharmacodynamics/ PLACENTAL LACTOGEN, pharmacodynamics/ RATS/ *SOMATOTROPIN, pharmacodynamics/ STIMULATION, CHEMICAL

1179. **Genefke IK, Halter D, Dreux C:** Effets du cortisol sur l'élimination urinaire des hydroxy indols et de la cynurénine. Clin Chim Acta 24:239-45, May 69 **(Fre)**
ADULT/ DEPRESSION, CHEMICAL/ FEMALE/ FLUOROMETRY/ HUMAN/ *HYDROCORTISONE, pharmacodynamics/ 17-HYDROXYCORTICOSTEROIDS, urine/ *HYDROXYINDOLEACETIC ACID, urine/ *KYNURENINE, urine/ MALE/ *SEROTONIN, urine/ STIMULATION, CHEMICAL/ TIME FACTORS/ TRYPTOPHAN, metabolism

1180. **(Gennes L de), Decourt J:** Lucien de Gennes, 1892-1968. Rev Franc Endocr Clin 9:461-3, Nov-Dec 68 **(Fre)**

ADDISON'S DISEASE, drug therapy/ CURRENT BIOG-OBIT/ *ENDOCRINOLOGY, history/ FRANCE/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT.

1181. **(Gennes L de): Lucien de Gennes (1892-1968)**
Bull Soc Med Hop Paris 119:1034-9, 1968 **(Fre)**
CURRENT BIOG-OBIT/ ENDOCRINOLOGY, history/ FRANCE/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT.

1182. **Genton C: Etude, par la technique de nauta, des dégénérescences consécutives à une lésion électrolytique de la région septale chez le mulot sylvestre (Apodemus sylvaticus)**
Brain Res 14:1-23, Jun 69 **(Fre)**
ANIMAL EXPERIMENTS/ CEREBRAL CORTEX, physiology/ ELECTROCOAGULATION/ ENGLISH ABSTRACT/ HIPPOCAMPUS, physiology/ HYPOTHALAMUS, physiology/ *LIMBIC SYSTEM, physiology/ MESENCEPHALON, physiology/ *MICE, physiology/ *NERVE DEGENERATION/ NEURONS, EFFERENT, physiology/ THALAMUS, physiology

1183. **Georgescu MM, Stoenescu D, Klepsch I, et al: Some clinical and hormonal effects of testicular biopsy.**
Fertil Steril 20:612-7, Jul-Aug 69
ADOLESCENCE/ ADULT/ ANDROSTERONE, urine/ *BIOPSY/ ETIOCHOLANOLONE, urine/ GONADOTROPINS, urine/ *HORMONES, urine/ HUMAN/ IMPOTENCE, occurrence/ 17-KETOSTEROIDS, urine/ LH, urine/ LIBIDO/ MALE/ ORGASM/ POSTOPERATIVE COMPLICATIONS, occurrence/ *SEX/ *TESTIS

1184. **Gerson L: Les causes d'erreur de diagnostic dans les affections veineuses des membres dont l'étt vasculaire ne constitue pas l'affection dominante. Statistique de 477 malades.**
Sem Hop Paris 45:227-34, 20 Jan 69 **(Fre)**
ARTHRITIS/ DIAGNOSIS, DIFFERENTIAL/ ENDOCRINE DISEASES, complications/ ENGLISH ABSTRACT/ FLATFOOT/ HUMAN/ INSURANCE, HEALTH/ *LEG, blood supply/ MORBIDITY/ OBESITY, complications/ RHEUMATISM, diagnosis/ SCIATICA/ SCLEROSING SOLUTIONS, administration & dosage/ STATISTICS/ *THROMBOPHLEBITIS, diagnosis/ THROMBOSIS, etiology/ VARICOSE VEINS, complications/ *VARICOSE VEINS, diagnosis/ VARICOSE VEINS, therapy

1185. **Geschke H: Akute Appendizitis bei Hepatitis infectiosa.**
Med Klin 63:1463-5, 13 Sep 68 **(Ger)**
ACUTE DISEASE/ APPENDICITIS, diagnosis/ *APPENDICITIS, etiology/ APPENDICITIS, surgery/ CHILD/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *HEPATITIS, INFECTIOUS, complications/ HEPATITIS, INFECTIOUS, diagnosis/ HEPATITIS, INFECTIOUS, drug therapy/ HUMAN/ MALE/ PREDNISOLONE, therapeutic use

1186. **Geschke H: Beitrag zur Virushepatitis beim älteren Menschen.**
Z Aerztl Fortbild (Jena) 63:386-91, 1 Apr 69 **(Ger)**
AGE FACTORS/ AGED/ DIAGNOSIS, DIFFERENTIAL/ DIET THERAPY/ FEMALE/ GALLBLADDER DISEASES, diagnosis/ GERMANY, EAST/ *HEPATITIS, INFECTIOUS/ HEPATITIS, INFECTIOUS, complications/ HEPATITIS, INFECTIOUS, diagnosis/ HEPATITIS, INFECTIOUS, drug therapy/ HEPATITIS, INFECTIOUS, occurrence/ HEPATITIS, INFECTIOUS, therapy/ HUMAN/ LIVER CIRRHOSIS, etiology/ MALE/ MIDDLE AGE/ PREDNISONE, therapeutic use

1187. **Gheorghiu G, Forsea D: Tratmentul porfiriilor cutanate.**
Med Intern (Bucur) 20:1343-52, Nov 68 **(Rum)**
ANABOLIC STEROIDS, therapeutic use/ CORTICOTROPIN, therapeutic use/ DEFEROXAMINE, therapeutic use/ EDTA, therapeutic use/ HUMAN/ *PORPHYRIA, complications/ SKIN DISEASES, drug therapy/ *SKIN DISEASES, etiology/ VITAMINS, therapeutic use

1188. **Gherga-Negrea A: Anomalii dentare în sindromul Turner.**
Stud Cercet Endocr 19:497-502, 1968 **(Rum)**
ADOLESCENCE/ ADULT/ CHILD/ FEMALE/ HUMAN/ *TOOTH ABNORMALITIES/ *TURNER'S SYNDROME

1189. **Ghidoni JJ, Liotta D, Thomas H: Massive subendocardial damage accompanying prolonged ventricular fibrillation.**
Amer J Path 56:15-29, Jul 69
ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ CATTLE/ *ENDOCARDIUM, pathology/ EXTRACORPOREAL CIRCULATION/ MICROSCOPY/ MICROSCOPY, ELECTRON/ *MITOCHONDRIA, MUSCLE, cytology/ MYOCARDIUM, metabolism/ *MYOCARDIUM, pathology/ *VENTRICULAR FIBRILLATION, complications

1190. **Ghosh NK, Usategui-Gomez M: Viral haemagglutination inhibitory potency of human placental alkaline phosphatase.**
Biochim Biophys Acta 177:565-71, 6 May 69
*ALKALINE PHOSPHATASE/ ALKALINE PHOSPHATASE, isolation & purification/ *ANTIGENS/ CHROMATOGRAPHY, ION EXCHANGE/ *DNA VIRUSES/ ELECTROPHORESIS/ FEMALE/ FREEZE DRYING/ GUINEA PIGS/ *HEMAGGLUTINATION/ HEMAGGLUTINATION INHIBITION TESTS/ HEMAGGLUTININS, VIRAL/ HUMAN/ INFLUENZA VIRUSES, enzymology/ NEURAMINIC ACIDS/ NEURAMINIDASE/ *PLACENTA, enzymology/ PRECIPITATION/ PREGNANCY/ VIRUS INHIBITORS

1191. **Ghosh TK, Carlin GJ: Phallic urethra with calculus.**
Amer J Obstet Gynec 104:915-6, 15 Jul 69
*CALCULI, complications/ CALCULI, surgery/ CASE REPORT/ *CLITORIS/ CLITORIS, surgery/ FEMALE/ HERMAPHRODITISM, complications/ HUMAN/ MIDDLE AGE/ *URETHRA, abnormalities/ UROGENITAL SYSTEM, abnormalities

1192. **Giammanco S, La Grutta V, Tessitore V, et al: Effects of ablation of the olfactory bulbs in very young rats.**
Electroenceph Clin Neurophysiol 27:102, Jul 69
AGE FACTORS/ ANIMAL EXPERIMENTS/ ATROPHY/ *BEHAVIOR, ANIMAL/ BODY WEIGHT/ FEMALE/ *GROWTH/ *LIMBIC SYSTEM, physiology/ MALE/ RATS/ THYROID GLAND/ UTERUS, growth & development

1193. **Giammanco S, La Grutta V, Zagami MT, et al: [Somato-motor effects of isolated and simultaneous stimulation of the hypothalamus and the caudate nucleus in cats with permanent implanted electrodes.**
Electroenceph Clin Neurophysiol 27:99, Jul 69
ANIMAL EXPERIMENTS/ *BEHAVIOR, ANIMAL/ CATS/ *CAUDATE NUCLEUS, physiology/ CEREBRAL CORTEX, physiology/ ELECTRIC STIMULATION/ ELECTROPHYSIOLOGY/ ESCAPE REACTION/ *HYPOTHALAMUS, physiology/ LATERALITY/ *MOTOR ACTIVITY

1194. **Giannina T, Steinetz BG, Rassaert CL, et al: Biological profile of quingestanol acetate.**
Proc Soc Exp Biol Med 131:781-9, Jul 69
ADRENAL GLANDS, drug effects/ ANDROGENS, pharmacodynamics/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ CORTICOSTERONE, blood/ ESTRADIOL, pharmacodynamics/ ETHERS, pharmacodynamics/ FEMALE/ FETAL DEATH, chemically induced/ FETUS, drug effects/ HERMAPHRODITISM, chemically induced/ MALE/ *NORETHINDRONE, pharmacodynamics/ ORGAN WEIGHT/ PERINEUM, drug effects/ PITUITARY GLAND, drug effects/ PREGNANCY, ANIMAL, drug effects/ *PROGESTATIONAL HORMONES, pharmacodynamics/ PROSTATE, drug effects/ RATS/ SEMINAL VESICLES, drug effects/ THYMUS GLAND, drug effects/

THYROID GLAND, drug effects/ UTERUS, drug effects/ VIRILISM, chemically induced

1195. **Giannotti D:** Relazione tra peso specifico e contenuto idrico delle carni di animali immaturi o trattati con tireostatici. Minerva Med 60:1530-1, 18 Apr 69 **(Ita)**
AGE FACTORS/ ANIMAL EXPERIMENTS/ *BODY WEIGHT/ *CHICKENS/ *MEAT, analysis/ *METHYLTHIOURACIL, pharmacodynamics/ *WATER, analysis

1196. **Giardanengo G:** Le tireotossicosi acute d'origne chirurgica. Minerva Med 60:2407-8, 16 Jun 69 **(Ita)**
ABDOMEN, surgery/ ACUTE DISEASE/ HUMAN/ *HYPERTHYROIDISM, etiology/ POSTOPERATIVE COMPLICATIONS/ *SURGERY, OPERATIVE/ THORAX, surgery

1197. **Gibbons JL:** Corticosteroid metabolism in depressive illness.
Psychiat Neurol Neurochir 72:195-9, Mar-Apr 69
*ADRENAL CORTEX HORMONES, metabolism/ ADRENAL CORTEX HORMONES, urine/ ADRENAL GLANDS, physiopathology/ AROUSAL/ CORTICOSTERONE, secretion/ *DEPRESSION, metabolism/ DEPRESSION, physiopathology/ DEXAMETHASONE, therapeutic use/ EMOTIONS/ HUMAN/ HYDROCORTISONE, secretion/ PITUITARY GLAND, physiopathology

1198. **Gibbs CL, Gibson WR:** Effect of ouabain on the energy output of rabbit cardiac muscle.
Circ Res 24:951-67, Jun 69
ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ *MYOCARDIUM, metabolism/ *OUABAIN, pharmacodynamics/ *PAPILLARY MUSCLES, drug effects/ RABBITS/ TEMPERATURE

1199. **Gibbs FP:** Central nervous system lesions that block release of ACTH caused by traumatic stress.
Amer J Physiol 217:78-83, Jul 69
ANIMAL EXPERIMENTS/ BRAIN STEM, physiology/ *CENTRAL NERVOUS SYSTEM, physiology/ CORTICOSTERONE, blood/ *CORTICOTROPIN, secretion/ FEMALE/ METHODS/ NEURAL TRANSMISSION/ PENTOBARBITAL, pharmacodynamics/ RATS/ SPINAL CORD, physiology/ *STRESS/ TIBIAL FRACTURES

1200. **Gibbs FP:** Area of pons necessary for traumatic stress-induced ACTH release under pentobarbital anesthesia. Amer J Physiol 217:84-8, Jul 69
ANIMAL EXPERIMENTS/ CORTICOSTERONE, blood/ *CORTICOTROPIN, metabolism/ FEMALE/ METHODS/ *PENTOBARBITAL, pharmacodynamics/ *PONS, physiology/ RATS/ RETICULAR FORMATION, physiology/ *STRESS/ TIBIAL FRACTURES/ TIME FACTORS/ WOUNDS AND INJURIES

1201. **Gibian H, Kopp R, Kramer M, et al:** Effect of particle size on biological activity of norethisterone acetate.
Acta Physiol Lat Amer 18:323-6, 1968
ACETATES, pharmacodynamics/ *NORETHINDRONE, pharmacodynamics/ *OVULATION, drug effects

1202. **Gibor Y, Cohen MR, Scommegna A:** Effect of continuous administration of small doses of chlormadinone acetate on the cervical mucus and postcoital test. Fertil Steril 20:572-80, Jul-Aug 69
ACETATES/ ADULT/ *CERVIX MUCUS, drug effects/ *CHLORMADINONE, administration & dosage/ CHLORMADINONE, pharmacodynamics/ *CONTRACEPTIVES, ORAL, administration & dosage/ CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ HUMAN/ *SPERMATOZOA, drug effects/ STERILITY, FEMALE, drug therapy/ VISCOSITY

1203. **Gifford RR, Birch HW:** Bilateral Brenner tumors of the ovary. J Med Ass Georgia 58:145-51, Apr 69
BRENNER TUMOR, occurrence/ *BRENNER TUMOR, pathology/ FEMALE/ HUMAN/ MIDDLE AGE/ OVARIAN NEOPLASMS, occurrence/ *OVARIAN NEOPLASMS, pathology

1204. **Gil-Alvaro MC, Chevalier M:** Etude descriptive du développement de l'appareil génital de l'embryon de Vipère aspic (Vipera aspic L.)
Arch Anat Micr Morph Exp 57:329-44, Oct-Dec 68 **(Fre)**
ANIMAL EXPERIMENTS/ CLOACA, embryology/ ENGLISH ABSTRACT/ FEMALE/ *GENITALIA, FEMALE, embryology/ *GENITALIA, MALE, embryology/ GERM LAYERS/ MALE/ MORPHOGENESIS/ MULLERIAN DUCTS, embryology/ OVARY, cytology/ OVARY, embryology/ PENIS, embryology/ SEX CHARACTERISTICS/ SEX DETERMINATION/ *SNAKES, embryology/ SPERMATIC CORD, embryology/ TESTIS, cytology/ TESTIS, embryology

1205. **Gilbert AB, Wood-Gush DG:** Innervation of ovarian transplants in the domestic hen.
J Reprod Fertil 18:550-1, Apr 69
ANIMAL EXPERIMENTS/ CHICKENS/ FEMALE/ *OVARY, innervation/ OVARY, physiology/ *OVARY, transplantation/ OVULATION/ TRANSPLANTATION, AUTOLOGOUS

1206. **Gilliland PF, Brooks MH, Bruton J, et al:** Effect of antimalarial drugs and collection methods on urinary and plasma 17-hydroxycorticosteroid determinations.
Clin Pharmacol Ther 10:551-8, Jul-Aug 69
ANILINE COMPOUNDS, pharmacodynamics/ *ANTIMALARIALS, pharmacodynamics/ CHLOROQUINE, pharmacodynamics/ HYDROCORTISONE, analysis/ *17-HYDROXYCORTICOSTEROIDS, blood/ *17-HYDROXYCORTICOSTEROIDS, urine/ PHENYLHYDRAZINE/ PYRIMETHAMINE, pharmacodynamics/ QUININE, pharmacodynamics/ SPECTROPHOTOMETRY/ SULFONIC ACIDS, pharmacodynamics

1207. **Gilmore DP, McDonald PG:** The induction of prolonged vaginal di-oestrus in the rat by a low level of oestradiol benzoate. J Reprod Fertil 18:549-50, Apr 69
ANIMAL EXPERIMENTS/ *ESTRADIOL, administration & dosage/ *ESTRUS, drug effects/ FEMALE/ NORETHINDRONE, pharmacodynamics/ OVULATION/ RATS/ UTERUS, injuries/ *VAGINA, drug effects

1208. **Ginter E, Bobek P, Babala J, et al:** The effect of ascorbic acid on the lipid metabolism of guinea-pigs fed an atherogenic diet. Cor Vasa 11:65-73, 1969
ACUTE DISEASE/ ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ AORTA, analysis/ ARTERIOSCLEROSIS, etiology/ ASCORBIC ACID, administration & dosage/ *ASCORBIC ACID, pharmacodynamics/ ASCORBIC ACID DEFICIENCY, complications/ ASCORBIC ACID DEFICIENCY, metabolism/ BRAIN CHEMISTRY/ CHOLESTEROL, blood/ *CHOLESTEROL, metabolism/ *DIET, ATHEROGENIC/ FATTY ACIDS, blood/ *FATTY ACIDS, metabolism/ GUINEA PIGS/ INTESTINE, SMALL, analysis/ LIVER, analysis/ MALE/ MODELS, BIOLOGIC/ PHOSPHOLIPIDS, blood/ *PHOSPHOLIPIDS, metabolism/ SCURVY, chemically induced

1209. **Ginzburg-Gusakova FL:** Eksperimental'nyĭ ditizonovyĭ diabet u adrenalektomirovannykh krolikov.
Pat Fiziol Eksp Ter 11:51-4, May-Jun 67 **(Rus)**
*ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *DIABETES MELLITUS, chemically induced/ *INDICATORS AND REAGENTS/ RABBITS

1210. **Giolli RA, Guthrie MD:** The primary optic projections in the rabbit. An experimental degeneration study.
J Comp Neurol 136:99-126, May 69
ALBINISM/ ANIMAL EXPERIMENTS/ AXONS, cytology/ *BRAIN MAPPING/ *CORPORA QUADRIGEMINA, anatomy & histology/ *GENICULATE BODIES, anatomy & histology/ HYPOTHALAMUS, anatomy & histology/ LATERALITY/ NERVE DEGENERATION/ NEURAL INTERCONNECTIONS, anatomy & histology/ OPTIC CHIASM, anatomy &

histology/ *OPTIC NERVE, anatomy & histology/ *RABBITS, anatomy & histology/ *RETINA, innervation

1211. **Giolli RA, Guthrie MD:** The primary optic projections in the rabbit. An experimental degeneration study. J Comp Neurol 6:99-126, May 69
ALBINISM/ ANIMAL EXPERIMENTS/ AXONS, cytology/ *BRAIN MAPPING/ *CORPORA QUADRIGEMINA, anatomy & histology/ *GENICULATE BODIES, anatomy & histology/ HYPOTHALAMUS, anatomy & histology/ LATERALITY/ NERVE DEGENERATION/ NEURAL INTERCONNECTIONS, anatomy & histology/ OPTIC CHIASM, anatomy & histology/ *OPTIC NERVE, anatomy & histology/ *RABBITS, anatomy & histology/ *RETINA, innervation

1212. **Giordano G, Balestreri R, Jacopino GE, et al:** Melatonina e steroidogenesi surrenalica. Arch Maragliano Pat Clin 25:109-17, Mar-Apr 69 **(Ita)**
*ADRENAL CORTEX HORMONES, biosynthesis/ ANIMAL EXPERIMENTS/ CORTICOTROPIN, pharmacodynamics/ MALE/ *MELATONIN, pharmacodynamics/ PINEAL BODY, physiology/ RATS

1213. **Giordano G, Cacciari P:** Le amenorree psicogene. Arch Sci Med (Torino) 125:597-602, Nov 68 **(Ita)**
*AMENORRHEA, etiology/ AMENORRHEA, physiopathology/ AUTONOMIC DYSFUNCTION/ ENDOCRINE GLANDS, physiopathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *PSYCHOPHYSIOLOGIC DISORDERS

1214. **Giorgi EP, Crosignani PG:** Competitive binding of free and conjugated oestrogens to plasma proteins. J Endocr 44:219-30, Jun 69
ALBUMINS/ ANIMAL EXPERIMENTS/ BINDING SITES/ *BLOOD PROTEINS, metabolism/ CARBON ISOTOPES/ DIALYSIS/ ESTRADIOL, metabolism/ *ESTROGENIC SUBSTANCES, CONJUGATED, metabolism/ *ESTROGENS, metabolism/ ESTRONE, metabolism/ FEMALE/ GLOBULINS/ GRAAFIAN FOLLICLE/ HORSES/ HUMAN/ OVARY, blood supply/ PROTEIN BINDING

1215. **Girard J, Breitenstein R, Vest M:** Nebennierenfunktionsprüfung mit Synacthen bei Kindern. Schweiz Med Wschr 99:7-10, 4 Jan 69 **(Ger)**
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ *CORTICOTROPIN, diagnostic use/ FLUOROMETRY/ HUMAN/ *HYDROCORTISONE, blood/ METHODS/ *PITUITARY-ADRENAL FUNCTION TESTS/ STIMULATION, CHEMICAL

1216. **Girod C, Dubois P:** Recherches, en microscopie optique et en microscopie électronique, sur les cellules somatotropes antéhypophysaires du hamster doré (Mesocricetus auratus Waterh.) C R Acad Sci [D] (Paris) 268:2361-3, 12 May 69 **(Fre)**
ANIMAL EXPERIMENTS/ CYTOPLASMIC GRANULES/ *FASTING/ GOLGI APPARATUS/ HAMSTERS/ HISTOCYTOCHEMISTRY/ MICROSCOPY, ELECTRON/ *PITUITARY GLAND, cytology/ *SOMATOTROPIN/ TIME FACTORS

1217. **Giromini M, Laperrouza C:** Prolonged survival after bilateral nephrectomy in an adult with haemolytic-uraemic syndrome. Lancet 2:169-70, 26 Jul 69
ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ ANEMIA, HEMOLYTIC, drug therapy/ ANEMIA, HEMOLYTIC, mortality/ *ANEMIA, HEMOLYTIC, surgery/ FEMALE/ HEMODIALYSIS/ HEPARIN, therapeutic use/ HUMAN/ HYPERTENSION, MALIGNANT, complications/ KIDNEY FAILURE, CHRONIC, drug therapy/ KIDNEY FAILURE, CHRONIC, mortality/ KIDNEY FAILURE, CHRONIC, pathology/ *KIDNEY FAILURE, CHRONIC, surgery/ KIDNEY GLOMERULUS, pathology/ *NEPHRECTOMY/ SPLENECTOMY/ THROMBOPENIA, mortality/ THROMBOPENIA, surgery

1218. **Gitelman HJ, Welt LG:** Magnesium deficiency. Ann Rev Med 20:233-42, 1969 (76 ref.)
ALCOHOLISM, complications/ HUMAN/ KWASHIORKOR, complications/ MAGNESIUM, biosynthesis/ MAGNESIUM, metabolism/ MAGNESIUM DEFICIENCY, etiology/ *MAGNESIUM DEFICIENCY, metabolism/ MALABSORPTION SYNDROMES, complications/ PARATHYROID DISEASES, complications/ PROTEIN DEFICIENCY, complications/ PSYCHOSES, ALCOHOLIC, complications/ REVIEW

1219. **Githens JH, Muschenheim F, Fulginiti VA, et al:** Thymic alymphoplasia with XX-XY lymphoid chimerism secondary to probable maternal-fetal transfusion. J Pediat 75:87-94, Jul 69
ADRENAL GLANDS, pathology/ ANTIGEN-ANTIBODY REACTIONS/ BONE MARROW, pathology/ CHROMOSOME ABNORMALITIES/ FEMALE/ GAMMA GLOBULIN, analysis/ GEL DIFFUSION TESTS/ HUMAN/ HYPERPLASIA/ IMMUNITY/ IMMUNOLOGIC DEFICIENCY SYNDROMES/ INFANT/ KARYOTYPING/ LYMPHOCYTES/ *LYMPHOID TISSUE, abnormalities/ MALE/ *MATERNAL-FETAL EXCHANGE/ *MOSAICISM/ PNEUMONIA/ PREGNANCY/ SPLEEN, pathology/ *THYMUS GLAND, abnormalities/ THYMUS GLAND, pathology/ TRANSPLANTATION IMMUNOLOGY

1220. **Gitlin D, Biasucci A:** Ontogenesis of immunoreactive thyroglobulin in the human conceptus. J Clin Endocr 29:849-53, Jun 69
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ EMBRYO, immunology/ *EMBRYO, metabolism/ FEMALE/ FETUS, immunology/ *FETUS, metabolism/ HUMAN/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ PREGNANCY/ RADIOAUTOGRAPHY/ *THYROGLOBULIN, biosynthesis

1221. **Gitlin D, Biasucci A:** Ontogenesis of immunoreactive growth hormone, follicle-stimulating hormone, thyroid-stimulating hormine, luteinizing hormone, chorionic prolactin and chorionic gonadotropin in the human conceptus. J Clin Endocr 29:926-35, Jul 69
AMINO ACIDS, metabolism/ CARBON ISOTOPES/ CHYMOTRYPSIN/ *EMBRYO, metabolism/ *FETUS, metabolism/ *FSH, biosynthesis/ GESTATIONAL AGE/ *GONADOTROPINS, CHORIONIC, biosynthesis/ HUMAN/ IMMUNOELECTROPHORESIS/ IN VITRO/ LEUCINE, metabolism/ *LH, biosynthesis/ MALE/ PEPTIDES, analysis/ PITUITARY GLAND, embryology/ *PITUITARY GLAND, metabolism/ *PLACENTA, metabolism/ *PLACENTAL HORMONES, biosynthesis/ PLACENTAL LACTOGEN, biosynthesis/ *PREGNANCY/ RADIOAUTOGRAPHY/ *SOMATOTROPIN, biosynthesis/ *THYROTROPIN, biosynthesis/ TISSUE CULTURE

1222. **Gitsch E:** Die Entwicklung der Gynäkologie in der Gegenwart. Wien Klin Wschr 80:970-4, 27 Dec 68 **(Ger)**
AUSTRIA/ CERVIX NEOPLASMS, surgery/ CHROMOSOME ABNORMALITIES, diagnosis/ ESTRIOL, therapeutic use/ GYNECOLOGIC DISEASES, surgery/ GYNECOLOGIC NEOPLASMS, surgery/ *GYNECOLOGY/ HUMAN/ MENOPAUSE, drug effects/ POSTOPERATIVE COMPLICATIONS, prevention & control

1223. **Giustina G, Cantalamessa L, Reschini E, et al:** Preparazione dell'ormone somatotropo umano radioiodato per il dosaggio radioimmunologico. Folia Endocr (Roma) 21:632-42, Oct 68 **(Ita)**
ENGLISH ABSTRACT/ HUMAN/ *IMMUNOASSAY/ *IODINE ISOTOPES, DIAGNOSTIC/ METHODS/ RADIOISOTOPE DILUTION TECHNIC/ *SOMATOTROPIN, analysis

1224. **Giustina G, Cantalamessa L, Reschini E, et al:** Solid phase radioimmunoassay for plasma human growth hormone. Folia Endocr (Roma) 21:643-54, Oct 68

HUMAN/ *IMMUNOASSAY/ *IODINE ISOTOPES, DIAGNOSTIC/ METHODS/ *RADIOISOTOPE DILUTION TECHNIC/ *SOMATOTROPIN, analysis

1225. **Gjone E**: Cytostatisk behandling av autoimmune sykdommer.
T Norsk Laegeforen 89:387-90, 15 Mar 69 **(Nor)**
ADOLESCENCE/ ADULT/ *ALKYLATING AGENTS, administration & dosage/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, drug therapy/ *AUTOIMMUNE DISEASES, drug therapy/ COLITIS, ULCERATIVE, drug therapy/ COLLAGEN DISEASES, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *IMMUNOSUPPRESSIVE AGENTS, administration & dosage/ LIVER DISEASES, drug therapy/ MALE/ MIDDLE AGE/ NEPHROTIC SYNDROME, drug therapy/ PREDNISONE, therapeutic use/ TIME FACTORS

1226. **Gladstone RM**: Development and significance of heterochromia of the iris.
Arch Neurol (Chicago) 21:184-91, Aug 69
ADULT/ CHILD/ *EYE DISEASES, classification/ EYE DISEASES, complications/ EYE DISEASES, familial & genetic/ FEMALE/ HUMAN/ *IRIS, abnormalities/ MALE/ MELANIN, metabolism/ MIDDLE AGE/ MSH/ *PIGMENTATION

1227. **Glants RM, Iakovenko AN**: Coderzhanie katekholaminov v organakh i takaniakh belykh krys pri gemotransfuzionnykh reaktsiiakh.
Biull Eksp Biol Med 67:15-7, Apr 69 **(Rus)**
*ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ *BLOOD GROUP INCOMPATIBILITY, metabolism/ *BRAIN CHEMISTRY/ *EPINEPHRINE, analysis/ *KIDNEY, analysis/ MALE/ *MUSCLES, analysis/ *MYOCARDIUM, analysis/ *NOREPINEPHRINE, analysis/ RATS

1228. **Glauser EM, Glauser SC**: The role of acidosis in the etiology of pulmonary emphysema.
Proc Soc Exp Biol Med 131:1034-7, Jul 69
ACETAZOLAMIDE/ ACIDOSIS, chemically induced/ *ACIDOSIS, complications/ ACIDOSIS, RESPIRATORY, chemically induced/ *ACIDOSIS, RESPIRATORY, complications/ AMMONIUM CHLORIDE/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ BICARBONATES, blood/ BLOOD/ BONE AND BONES, analysis/ CALCIUM, analysis/ CALCIUM, blood/ CALCIUM, urine/ CARBON DIOXIDE, blood/ HYDROGEN-ION CONCENTRATION/ OXYGEN, blood/ PARTIAL PRESSURE/ *PULMONARY EMPHYSEMA, etiology/ SWINE

1229. **Gleave EN, Griffiths K, Cameron E, et al**: Urinary steroids and breast disease. Brit J Surg 56:627, Aug 69
*BREAST DISEASES, urine/ *BREAST NEOPLASMS, urine/ FEMALE/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, urine/ *17-KETOSTEROIDS, urine

1230. **Glick IW, Friedman M**: High-dosage short-term corticotrophin therapy in acute asthma.
Thorax 24:415-20, Jul 69
ADOLESCENCE/ ADRENAL GLANDS, drug effects/ ADULT/ AGED/ *ASTHMA, drug therapy/ *CORTICOTROPIN, administration & dosage/ FEMALE/ HUMAN/ HYDROCORTISONE, blood/ INJECTIONS, INTRAMUSCULAR/ MALE/ MIDDLE AGE/ RESPIRATORY FUNCTION TESTS/ RESPIRATORY SYSTEM, physiopathology/ SPIROMETRY/ STIMULATION, CHEMICAL/ TIME FACTORS

1231. **Glitsch HG, Reuter H**: Uber die Wirkung von Cholinchlorid und Strontiumchlorid auf den 45Ca-Efflux am Meerschweinchevorhof.
Naunyn Schmiedeberg Arch Pharm Exp Path 260:121-2, 1968 **(Ger)**
ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ CHLORIDES, pharmacodynamics/ *CHOLINE, pharmacodynamics/ EXTRACELLULAR SPACE/ GUINEA PIGS/ HEART, drug effects/ HEART ATRIUM/ IN VITRO/ ISOTONIC SOLUTIONS/ *MYOCARDIUM, metabolism/ STIMULATION, CHEMICAL/ *STRONTIUM, pharmacodynamics

1232. **Glogowski G, Täger KH**: Distorsionen--Kontusionen. Therapiekontrolle mittels Foto-Podometrie. 1.
Munchen Med Wschr 111:1211-4, 23 May 69 **(Ger)**
ADRENAL CORTEX HORMONES, therapeutic use/ ANALGESICS AND ANTIPYRETICS, therapeutic use/ ANKLE, injuries/ ATHLETIC INJURIES, drug therapy/ *ATHLETIC INJURIES, therapy/ BANDAGES/ CASTS, SURGICAL/ CONTUSIONS, complications/ CONTUSIONS, drug therapy/ *CONTUSIONS, therapy/ ELBOW, injuries/ ENGLISH ABSTRACT/ FOOT, injuries/ HUMAN/ KNEE INJURIES, drug therapy/ KNEE INJURIES, therapy/ MASSAGE/ PHOTOGRAPHY/ SHOULDER, injuries/ SPRAINS AND STRAINS, complications/ SPRAINS AND STRAINS, drug therapy/ SPRAINS AND STRAINS, therapy/ *SPRAINS AND STRAINS, therapy

1233. **Gloor P, Murphy JT, Dreifuss JJ**: Electrophysiological studies of amygdalo-hypothalamic connections.
Ann NY Acad Sci 157:629-41, 15 May 69
ACTION POTENTIALS/ *AMYGDALOID BODY, physiology/ ANIMAL EXPERIMENTS/ CATS/ *DRINKING BEHAVIOR/ ELECTRIC STIMULATION/ EVOKED POTENTIALS/ *FEEDING BEHAVIOR/ *HYPOTHALAMUS, physiology/ NEURAL CONDUCTION/ NEURAL INTERCONNECTIONS, physiology

1234. **Glover EL, Reuber MD, Grollman S**: Influence of age and sex on thyroiditis in rats injected subcutaneously with 3-methylcholanthrene.
Path Microbiol (Basel) 32:314-20, 1968
AGE FACTORS/ ANIMAL EXPERIMENTS/ FEMALE/ INJECTIONS, SUBCUTANEOUS/ MALE/ *METHYLCHOLANTHRENE/ METHYLCHOLANTHRENE, administration & dosage/ RATS/ SEX FACTORS/ THYROID GLAND, pathology/ *THYROIDITIS, chemically induced/ THYROIDITIS, pathology

1235. **Glowacki J, Miszke A, Szpunar J**: Rozpoznanie i leczenie ostrych zapaleń krtani, tchawicy i oskrzeli u mal/ych dzieci. Otolaryng Pol 23:63-70, 1969 **(Pol)**
ACUTE DISEASE/ ADRENAL CORTEX HORMONES, therapeutic use/ ANTIBIOTICS, therapeutic use/ *BRONCHITIS, therapy/ CHILD, PRESCHOOL/ HUMAN/ INFANT/ *LARYNGITIS, therapy/ RETROSPECTIVE STUDIES/ *TRACHEITIS, therapy/ *TRACHEOTOMY

1236. **Gloyna RE, Wilson JD**: A comparative study of the conversion of testosterone to 17-beta-hydroxy-5-alpha-androstan-3-one (Dihydrotestosterone) by prostate and epididymis.
J Clin Endocr 29:970-7, Jul 69
ANIMAL EXPERIMENTS/ CARNIVORA/ CATS/ CATTLE/ CHICKENS/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ COMB AND WATTLES, metabolism/ DOGS/ DUCKS/ *EPIDIDYMIS, metabolism/ GUINEA PIGS/ IN VITRO/ MICE/ PENIS, metabolism/ PHYSIOLOGY, COMPARATIVE/ *PROSTATE, metabolism/ RATS/ SCROTUM, metabolism/ SEBACEOUS GLANDS, metabolism/ SEMINAL VESICLES, metabolism/ *STANOLONE, biosynthesis/ STANOLONE, isolation & purification/ *TESTOSTERONE, metabolism/ TRITIUM

1237. **Glueck CJ, Brown WV, Levy RI, et al**: Amelioration of hypertriglyceridaemia by progestational drugs in familial type-V hyperlipoproteinaemia.
Lancet 1:1290-1, 28 Jun 69
ADULT/ FEMALE/ HUMAN/ *HYPERLIPEMIA, ESSENTIAL FAMILIAL, drug therapy/ LIPIDS, metabolism/ *LIPOPROTEINS, blood/ *MESTRANOL, therapeutic use/ MIDDLE AGE/ NORETHINDRONE, pharmacodynamics/

*NORETHINDRONE, therapeutic use/ *TRIGLYCERIDES, blood

1238. **Gnilorybov TE:** Khirurgicheskoe lechenie i preduprezhdenie spaechnoĭ kishechnoĭ neprokhodimosti s pomoshch'iu kortikosteroidov i antikoagulliantov.
Vestn Khir Grekov 102:95-9, Jan 69 (Rus)
ADHESIONS, complications/ ADHESIONS, prevention & control/ *ADHESIONS, therapy/ ADULT/ ANIMAL EXPERIMENTS/ *CORTICOTROPIN, therapeutic use/ *CORTISONE, therapeutic use/ DOGS/ FEMALE/ *FIBRINOLYSIN, therapeutic use/ *HEPARIN, therapeutic use/ HUMAN/ *HYDROCORTISONE, therapeutic use/ INTESTINAL OBSTRUCTION, etiology/ INTESTINAL OBSTRUCTION, prevention & control/ *INTESTINAL OBSTRUCTION, therapy/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *POSTOPERATIVE COMPLICATIONS, therapy/ RABBITS

1239. **Göbbeler T, Strohmenger P:** Testiculäre und konventionelle Lymphographie zum Nachweis und zur Lokalisation von Metastasen maligner Hodentumoren. Urologe 7:316-20, Nov-Dec 68 (Ger)
ADULT/ *DISGERMINOMA, radiography/ FEMALE/ HUMAN/ INGUINAL CANAL, radiography/ *LYMPHATIC METASTASIS, radiography/ LYMPHOGRAPHY/ MALE/ SPERMATIC CORD, radiography/ *TERATOID TUMOR, radiography/ *TESTICULAR NEOPLASMS, radiography

1240. **Göbel P, Theurer G:** Uber Testosteronbestimmungen im Urin beim Hirsutismus der Frau.
Med Welt 42:2268-74, 19 Oct 68 (Ger)
*ADRENOGENITAL SYNDROME, urine/ *CUSHING'S SYNDROME, urine/ FEMALE/ *HIRSUTISM, urine/ HUMAN/ *TESTOSTERONE, urine

1241. **Goddard GV:** Analysis of avoidance conditioning following cholinergic stimulation of amygdala in rats.
J Comp Physiol Psychol 68:1-18, Jun 69
*AMYGDALOID BODY, drug effects/ AMYGDALOID BODY, physiology/ ANIMAL EXPERIMENTS/ *AVOIDANCE LEARNING, drug effects/ BRAIN, pathology/ *CARBACHOL, pharmacodynamics/ *CONDITIONING, OPERANT, drug effects/ CONVULSIONS, chemically induced/ ELECTROSHOCK/ EMOTIONS/ FEAR, drug effects/ FEEDING BEHAVIOR, drug effects/ INJECTIONS/ MEMORY, drug effects/ MOTIVATION, drug effects/ RATS/ TRANSFER (PSYCHOLOGY), drug effects

1242. **Goding JR, Catt KJ, Brown JM, et al:** Radioimmunoassay for ovine luteinizing hormone. Secretion of luteinizing hormone during estrus and following estrogen administration in sheep.
Endocrinology 85:133-42, Jul 69
ANIMAL EXPERIMENTS/ *ESTRADIOL, pharmacodynamics/ *ESTRUS/ FEMALE/ FEMORAL VEIN/ HYPOPHYSECTOMY/ IODINE ISOTOPES/ JUGULAR VEIN/ LH, blood/ *LH, secretion/ METHODS/ OVULATION/ PITUITARY GLAND, secretion/ *RADIOIMMUNOASSAY/ SHEEP

1243. **Goebelsmann U:** A reliable method for the determination of urinary estriol in pregnancy.
Clin Chim Acta 23:469-74, Mar 69
CHROMATOGRAPHY/ COLORIMETRY/ DIAGNOSIS, LABORATORY/ *ESTRIOL, urine/ FEMALE/ HUMAN/ METHODS/ METHYLATION/ *PREGNANCY/ TRITIUM

1244. **Goff WF:** Teflon injection for vocal cord paralysis.
Arch Otolaryng (Chicago) 90:98-102, Jul 69
ADULT/ AGED/ BREAST NEOPLASMS, complications/ CARCINOMA, BRONCHOGENIC, complications/ CEREBROVASCULAR DISORDERS, complications/ FEMALE/ *FLUOROCARBON POLYMERS/ HUMAN/ INJECTIONS/ LUNG NEOPLASMS, complications/ MALE/ MIDDLE AGE/ NECK NEOPLASMS, complications/ PNEUMONECTOMY, adverse effects/ THYROIDECTOMY, adverse effects/ *VOCAL CORD PARALYSIS, surgery

1245. **Golber LM, Kandror VI:** Functional cardiac reserve in thyrotoxicosis and its plastic ensurance.
Cor Vasa 11:35-47, 1969
ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ CARDIAC OUTPUT, drug effects/ HEART, drug effects/ *HEART, physiopathology/ HEART FUNCTION TESTS/ HEART VENTRICLE, physiology/ HYPERTHYROIDISM, chemically induced/ *HYPERTHYROIDISM, physiopathology/ METHODS/ MUSCLE CONTRACTION/ MYOCARDIUM, analysis/ MYOCARDIUM, metabolism/ MYOCARDIUM, pathology/ ORGAN WEIGHT/ PROTEINS, biosynthesis/ RABBITS/ RNA, biosynthesis/ THYROID HORMONES

1246. **Goldberg AL:** Protein turnover in skeletal muscle. I. Protein catabolism during work-induced hypertrophy and growth induced with growth hormone.
J Biol Chem 244:3217-22, 25 Jun 69
ANIMAL EXPERIMENTS/ DEPRESSION, CHEMICAL/ EXERTION/ *HYPERTROPHY, metabolism/ HYPOPHYSECTOMY/ LEUCINE, metabolism/ MUSCLE PROTEINS, biosynthesis/ *MUSCLE PROTEINS, metabolism/ *MUSCLES, growth & development/ MUSCLES, physiology/ MYOFIBRILS, metabolism/ *PITUITARY GLAND, physiology/ RATS/ SOLUBILITY/ *SOMATOTROPIN, pharmacodynamics/ STIMULATION, CHEMICAL/ TIME FACTORS/ TRITIUM

1247. **Goldberg AL:** Protein turnover in skeletal muscle. II. Effects of denervation and cortisone on protein catabolism in skeletal muscle.
J Biol Chem 244:3223-9, 25 Jun 69
ANIMAL EXPERIMENTS/ *CORTISONE, pharmacodynamics/ DEPRESSION, CHEMICAL/ LEUCINE, metabolism/ *MUSCLE DENERVATION/ *MUSCLE PROTEINS, metabolism/ MUSCLES, anatomy & histology/ *MUSCLES, drug effects/ MUSCLES, physiology/ MUSCULAR ATROPHY, chemically induced/ MUSCULAR ATROPHY, metabolism/ MYOFIBRILS, metabolism/ PITUITARY GLAND, physiology/ RATS/ SCIATIC NERVE/ SOLUBILITY/ TIME FACTORS/ TRITIUM

1248. **Goldberg LS, Fudenberg HH:** The autoimmune aspects of pernicious anemia.
Amer J Med 46:489-94, Apr 69 (40 ref.)
ANEMIA, PERNICIOUS, drug therapy/ *ANEMIA, PERNICIOUS, immunology/ AUTOANTIBODIES, analysis/ *AUTOIMMUNE DISEASES/ GASTRIC MUCOSA, immunology/ INTRINSIC FACTOR, analysis/ REVIEW/ STEROIDS, therapeutic use/ THYROID GLAND, immunology

1249. **Goldberg ME, Salama AI:** Effect of drum stress on maximal electroconvulsive seizure latency in mice.
Int J Neuropharmacol 8:161-7, Mar 69
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CHLORPROMAZINE, pharmacodynamics/ *CONVULSIONS/ CONVULSIONS, mortality/ DESOXYCORTICOSTERONE, pharmacodynamics/ DIBENAMINE, pharmacodynamics/ ELECTROSHOCK/ HYDROCORTISONE, pharmacodynamics/ MALE/ MICE/ RESERPINE, pharmacodynamics/ *STRESS/ TIME FACTORS

1250. **Goldberg ME, Salama AI:** Amphetamine toxicity and brain monoamines in three models of stress.
Toxic Appl Pharmacol 14:447-56, May 69
ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ *BRAIN CHEMISTRY/ CHLORDIAZEPOXIDE, pharmacodynamics/ CHLORPROMAZINE, pharmacodynamics/ DEXTRO AMPHETAMINE, administration & dosage/ *DEXTRO AMPHETAMINE, toxicity/ DIBENAMINE, pharmacodynamics/ ELECTROSHOCK/ EPINEPHRINE, analysis/

HYDROXYLASES, antagonists & inhibitors/ MALE/ METHYLTYROSINES, pharmacodynamics/ NOREPINEPHRINE, analysis/ RATS/ SEROTONIN, analysis/ *STRESS/ TETRABENAZINE, pharmacodynamics/ TYROSINE, antagonists & inhibitors

1251. **Goldberg SJ, Fonkalsrud E:** Successful treatment of hepatic hemangioma with corticosteroids.
JAMA 208:2473-4, 30 Jun 69
*ADRENAL CORTEX HORMONES, therapeutic use/ DIGOXIN, therapeutic use/ FEMALE/ HEART FAILURE, CONGESTIVE, drug therapy/ HEART FAILURE, CONGESTIVE, etiology/ HEMANGIOMA, complications/ *HEMANGIOMA, drug therapy/ HUMAN/ INFANT, NEWBORN/ LIVER NEOPLASMS, complications/ *LIVER NEOPLASMS, drug therapy/ PREDNISONE, therapeutic use

1252. **Goldfoot DA, Feder HH, Goy RW:** Development of bisexuality in the male rat treated neonatally with androstenedione.
J Comp Physiol Psychol 67:41-5, Jan 69
*ANDROGENS, pharmacodynamics/ ANIMAL EXPERIMENTS/ CASTRATION/ *EJACULATION/ *ESTRUS/ *FETUS, drug effects/ MALE/ PSYCHOSEXUAL DEVELOPMENT/ RATS/ *SEX BEHAVIOR, ANIMAL

1253. **Golding-Wood PH:** Trans-antral ethmoid decompression in malignant exophthalmos.
J Laryng 83:683-94, Jul 69
CORNEAL ULCER, prevention & control/ DIPLOPIA, etiology/ *ETHMOID BONE, surgery/ *EXOPHTHALMOS, surgery/ FEMALE/ HUMAN/ MALE/ MAXILLARY SINUS, surgery/ METHODS/ NEUROSURGERY/ ORBIT, surgery/ PAPILLEDEMA, prevention & control/ POSTOPERATIVE COMPLICATIONS/ VISION DISORDERS, prevention & control

1254. **Goldman AG, Micale J, Zavod R, et al:** Salt wasting syndrome of obscure origin.
Amer J Med 46:606-14, Apr 69
ALDOSTERONE, secretion/ *BLADDER NEOPLASMS, complications/ BLADDER NEOPLASMS, pathology/ BLADDER NEOPLASMS, radiography/ *CYSTADENOMA, MUCINOUS, complications/ CYSTADENOMA, MUCINOUS, pathology/ CYSTADENOMA, MUCINOUS, radiography/ FEMALE/ HUMAN/ *HYPONATREMIA, etiology/ KIDNEY TUBULES, physiopathology/ MIDDLE AGE/ NEOPLASM METASTASIS/ OVARIAN NEOPLASMS, complications/ RADIOISOTOPE RENOGRAPHY/ SIGMOID NEOPLASMS, complications/ SODIUM, urine/ UROGRAPHY/ *WATER-ELECTROLYTE BALANCE

1255. **Goldman AS:** Maternal and fetal effects of two inhibitors of 3 beta-hydroxysteroid dehydrogenase and delta 5-4,3-ketosteroid isomerase in the rat.
Endocrinology 85:325-9, Aug 69
ADRENAL GLAND HYPERFUNCTION, chemically induced/ ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, embryology/ ADRENAL GLANDS, enzymology/ ADRENOGENITAL SYNDROME, chemically induced/ *ANDROSTANES/ ANIMAL EXPERIMENTS/ CLITORIS, drug effects/ CYANIDES/ FEMALE/ FETUS, drug effects/ *HYDROXYSTEROID DEHYDROGENASE, antagonists & inhibitors/ HYPERTROPHY/ HYPOSPADIAS, chemically induced/ *ISOMERASES, antagonists & inhibitors/ MALE/ MODELS, BIOLOGIC/ *OXAZOLES/ PREGNANCY/ *PREGNANCY, ANIMAL, drug effects/ RATS/ TESTIS, enzymology

1256. **Goldsmith RE:** Detecting hypothyroidism.
Lancet 1:1316-7, 28 Jun 69
CALCIUM, blood/ HUMAN/ *HYPOTHYROIDISM, diagnosis/ IODINE, blood/ MUSCLE CRAMP, etiology/ PHOSPHORUS, blood

1257. **Goldsmith RS:** Hyperparathyroidism.
New Eng J Med 281:367-74, 14 Aug 69 (38 ref.)
ADULT/ AGE FACTORS/ AGED/ ALKALINE PHOSPHATASE, blood/ CALCIUM, blood/ CALCIUM, diagnostic use/ CALCIUM, urine/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ HYDROCORTISONE, diagnostic use/ HYPERCALCEMIA, diagnosis/ HYPERCALCEMIA, etiology/ HYPERPARATHYROIDISM, blood/ HYPERPARATHYROIDISM, complications/ *HYPERPARATHYROIDISM, diagnosis/ HYPERPARATHYROIDISM, enzymology/ HYPERPARATHYROIDISM, physiopathology/ HYPERPARATHYROIDISM, urine/ INJECTIONS/ MALE/ MATHEMATICS/ MIDDLE AGE/ PARATHYROID GLANDS, physiology/ PARATHYROID HORMONE, blood/ PARATHYROID HORMONE, diagnostic use/ PARATHYROID NEOPLASMS, diagnosis/ PHOSPHATES, blood/ PHOSPHATES, urine/ RADIOIMMUNOASSAY/ RADIOISOTOPE SCANNING/ REVIEW/ SELENIUM/ SEX FACTORS

1258. **Gólián-Bartha K:** Uber die Wirkung von Desoxykortikosteronglykosid auf die Schilddrüsenfunktion.
Acta Med Acad Sci Hung 25:121-6, 1968 (Ger)
*DESOXYCORTICOSTERONE, pharmacodynamics/ DIIODOTYROSINE, blood/ *IODINE, metabolism/ IODINE ISOTOPES/ *THYROID GLAND, drug effects/ THYROID GLAND, metabolism/ *THYROID HORMONES, biosynthesis/ THYROXINE, blood/ TRIIODOTHYRONINE, blood

1259. **Golob E, Oh WS, Fischer P:** Zur Frage der Sexchromatinfrequenz in Vaginalabstrichen neugeborener Mädchen.
Wien Klin Wschr 80:979-81, 27 Dec 68 (Ger)
EPITHELIUM, drug effects/ ESTROGENS, pharmacodynamics/ FEMALE/ HUMAN/ INFANT, NEWBORN/ METHODS/ *SEX CHROMATIN/ *VAGINAL SMEARS

1260. **Golubeva EL, Khaiutin SN:** Vzaimootnoshenila kory i podkorkovykh obrazovanii golovnogo mozga v reaktsii na gipoksiiu.
Fiziol Zh SSSR Sechenov 54:884-92, Aug 68 (Rus)
ANIMAL EXPERIMENTS/ *ANOXIA, physiopathology/ *BRAIN, physiology/ *CEREBRAL CORTEX, physiology/ ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ *EVOKED POTENTIALS/ HIPPOCAMPUS, physiology/ HYPOTHALAMUS, physiology/ OCCIPITAL LOBE, physiology/ PARIETAL LOBE, physiology/ RABBITS/ RETICULAR FORMATION, physiology/ TEMPORAL LOBE, physiology/ THALAMUS, physiology

1261. **Goodlin RC, McLennan CE, Choyce JM, et al:** Therapeutic abortion with hypertonic intraamniotic saline. A clinical experience in a combined community-university hospital.
Obstet Gynec 34:1-6, Jul 69
*ABORTION, THERAPEUTIC/ *AMNION/ FEMALE/ HUMAN/ *HYPERTONIC SOLUTIONS, administration & dosage/ HYPERTONIC SOLUTIONS, adverse effects/ INJECTIONS/ OXYTOCIN, administration & dosage/ *SODIUM CHLORIDE, administration & dosage/ SODIUM CHLORIDE, adverse effects

1262. **Goodlin RC, Waechter V:** Oral contraceptives and blood-pressure. Lancet 1:1262-3, 21 Jun 69
ADULT/ *BLOOD PRESSURE, drug effects/ *CONTRACEPTIVES, ORAL, adverse effects/ CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ HUMAN/ *HYPERTENSION, chemically induced

1263. **Goodwin CS:** Amoebic colitis exacerbated by steroids.
Brit Med J 3:174, 19 Jul 69
*ADRENAL CORTEX HORMONES, adverse effects/ COLITIS, chemically induced/ *COLITIS, complications/ COLITIS, microbiology/ ENTAMOEBA HISTOLYTICA,

isolation & purification/ ETHIOPIA/ HUMAN/ *PROTOZOAN INFECTIONS, complications

1264. **Goodwin DA, Crowley LG, Camargo CA:** Localization of a mediastinal adenoma by selenomethionine Se 75 scanning. JAMA 208:2333-5, 23 Jun 69
ADENOMA, complications/ *ADENOMA, diagnosis/ ADENOMA, pathology/ AGED/ HUMAN/ HYPERPARATHYROIDISM, etiology/ MALE/ *MEDIASTINAL NEOPLASMS, diagnosis/ METHIONINE/ PARATHYROID NEOPLASMS, complications/ *PARATHYROID NEOPLASMS, diagnosis/ PARATHYROID NEOPLASMS, pathology/ *RADIOISOTOPE SCANNING/ RADIOISOTOPES/ SELENIUM

1265. **Goodwin FJ, Knowlton AI, Laragh JH:** Absence of renin suppression by deoxycorticosterone acetate in rats. Amer J Physiol 216:1476-80, Jun 69
ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ BODY WEIGHT/ *DESOXYCORTICOSTERONE, pharmacodynamics/ FEMALE/ JUXTAGLOMERULAR APPARATUS, physiology/ ORGAN WEIGHT/ POTASSIUM, blood/ RATS/ RENIN, blood/ *RENIN, metabolism/ SODIUM, blood/ SODIUM, pharmacodynamics

1266. **Goolden AW:** Radiotherapy in thyroid disease. Brit J Clin Pract 23:251-6, Jun 69
ADOLESCENCE/ ADULT/ AGED/ FEMALE/ HUMAN/ HYPERTHYROIDISM, radiotherapy/ MIDDLE AGE/ *THYROID DISEASES, radiotherapy/ THYROID NEOPLASMS, radiotherapy

1267. **Goos HJ:** Hypothalamic neurosecretion and metamorphosis in Xenopus laevis. 3. The effect of an interruption of thyroid hormone synthesis. Z Zellforsch 92:583-7, 1968
ANIMAL EXPERIMENTS/ EPITHELIUM, drug effects/ FROGS, drug effects/ *FROGS, physiology/ HYPOTHALAMUS, cytology/ HYPOTHALAMUS, drug effects/ *HYPOTHALAMUS, physiology/ *METAMORPHOSIS, BIOLOGICAL, drug effects/ *NEUROSECRETION, drug effects/ PITUITARY GLAND, cytology/ PITUITARY GLAND, drug effects/ *PITUITARY GLAND, physiology/ *PROPYLTHIOURACIL, pharmacodynamics/ STAINS AND STAINING/ THYROID GLAND, cytology/ THYROID GLAND, drug effects/ *THYROID GLAND, physiology

1268. **Gordon DB, Sullivan PH:** Acute effect of overtransfusion of plasma renin activity in the rat. Endocrinology 85:341-3, Aug 69
ANGIOTENSIN, analysis/ ANIMAL EXPERIMENTS/ *BLOOD TRANSFUSION/ FEMORAL ARTERY/ MALE/ PLASMA/ RATS/ *RENIN, blood/ TIME FACTORS

1269. **Goren SB:** Ocular toxicity of commonly used systemic drugs. Postgrad Med 45:154-7, May 69
ADRENAL CORTEX HORMONES, adverse effects/ CARDIAC GLYCOSIDES, adverse effects/ CATARACT, chemically induced/ CHLOROQUINE, adverse effects/ CONTRACEPTIVES, ORAL, adverse effects/ *EYE DISEASES, chemically induced/ HUMAN/ OPTIC NERVE, drug effects/ TRANQUILIZING AGENTS, adverse effects/ TROPANES, adverse effects

1270. **Gorodetskii MM:** K voprosu o vozmozhnosti primeneniia steroidnykh gormonov pri otravlenii chetyrekhkhloristym uglerodom v éksperimente i klinike. Gig Tr Prof Zabol 12:32-3, Dec 68 (Rus)
ADULT/ ANIMAL EXPERIMENTS/ *CARBON TETRACHLORIDE POISONING, drug therapy/ *CORTISONE, therapeutic use/ HUMAN/ *HYDROCORTISONE, therapeutic use/ MALE/ RABBITS

1271. **Gosbee J, Kraicer J:** Stress-free parenteral injections in the rat. Canad J Physiol Pharmacol 47:209-10, Feb 69
ANIMAL EXPERIMENTS/ *CORTICOSTERONE, blood/ CORTICOSTERONE, secretion/ *INJECTIONS, INTRAPERITONEAL, adverse effects/ *INJECTIONS, SUBCUTANEOUS, adverse effects/ MALE/ METHODS/ RATS/ *STRESS, prevention & control

1272. **Gössner W, Schwabe M:** Histochemische Untersuchungen am Knochen nach Inkorporation von Ra-224 (Thorium X)
Verh Deutsch Ges Path 52:334-8, 1968 (Ger)
ACID PHOSPHATASE, analysis/ ALKALINE PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ BONE AND BONES, enzymology/ BONE AND BONES, metabolism/ *BONE AND BONES, radiation effects/ CARTILAGE, enzymology/ ENGLISH ABSTRACT/ EPIPHYSES, radiation effects/ HISTOCYTOCHEMISTRY/ MALE/ OSSIFICATION, PHYSIOLOGIC, radiation effects/ *RADIATION INJURY, EXPERIMENTAL/ RADIOAUTOGRAPHY/ *RADIUM/ RATS/ TIBIA, radiation effects/ TIME FACTORS

1273. **Gotsulenko BR:** Vliianie gonadotropnogo, laktogennogo i polovykh gormonov na sekretsiiu molika.
Fiziol Zh SSSR Sechenov 54:971-8, Aug 68 (Rus)
ANIMAL EXPERIMENTS/ *DIETHYLSTILBESTROL, pharmacodynamics/ ENGLISH ABSTRACT/ FATS, analysis/ FEMALE/ GOATS/ *GONADOTROPINS, CHORIONIC, pharmacodynamics/ *LACTATION, drug effects/ LACTOSE, analysis/ MAMMAE, drug effects/ MAMMAE, secretion/ MILK, analysis/ MILK, secretion/ *PROGESTERONE, pharmacodynamics/ *PROLACTIN, pharmacodynamics/ PROTEINS, analysis

1274. **Götz HG:** Arzneimittel zur Behandlung des Fluor albus. 18. Pharm Prax 9:275-82, 1967 (Ger)
*ADRENAL CORTEX HORMONES, therapeutic use/ *ANDROGENS, therapeutic use/ ANTIBIOTICS, therapeutic use/ *ESTROGENS, therapeutic use/ HUMAN/ HYDROCORTISONE, therapeutic use/ *LEUKORRHEA, drug therapy/ METALS, therapeutic use/ METHYLTESTOSTERONE, therapeutic use/ METRONIDAZOLE, therapeutic use/ NYSTATIN, therapeutic use/ PAROMOMYCIN, therapeutic use/ PENICILLIN G, therapeutic use/ STILBENES, therapeutic use/ SULFANILAMIDE, therapeutic use/ SULFONAMIDES, therapeutic use

1275. **Götz HG:** Schilddrüsenhormone und Thyreotropin. 10. Pharm Prax 7:204-8, 1967 (83 ref.) (Ger)
HUMAN/ *HYPOTHYROIDISM, drug therapy/ REVIEW/ THYROGLOBULIN, therapeutic use/ THYROID GLAND, metabolism/ THYROID HORMONES, biosynthesis/ *THYROID HORMONES, therapeutic use/ THYROTROPIN, diagnostic use/ THYROXINE, therapeutic use/ TRIIODOTHYRONINE, therapeutic use

1276. **Götz HG:** Antithyreoidalia. 15.
Pharm Prax 9:258-64, 1967 (113 ref.) (Ger)
BARBITURATES, therapeutic use/ CARBIMAZOLE, therapeutic use/ DIIODOTYROSINE, therapeutic use/ ESTROGENS, therapeutic use/ FLUORIDES, therapeutic use/ HUMAN/ *HYPERTHYROIDISM, drug therapy/ IMIDAZOLES, therapeutic use/ IODINE, therapeutic use/ IODINE ISOTOPES, therapeutic use/ METHYLTHIOURACIL, therapeutic use/ PERCHLORIC ACIDS, therapeutic use/ PHENYLACETATES, therapeutic use/ PLANT EXTRACTS, therapeutic use/ POTASSIUM/ PROPIOPHENONES, therapeutic use/ RESERPINE, therapeutic use/ REVIEW/ SODIUM/ SULFONAMIDES, therapeutic use/ THIAZOLES, therapeutic use/ THIOCYANATES, therapeutic use/ THIOURACIL, therapeutic use/ *THYROID ANTAGONISTS, therapeutic use/ TISSUE EXTRACTS, therapeutic use/ TYROSINE, therapeutic use/ VITAMINS, therapeutic use

1277. **Götz HG**: Anti-Dysmenorrhoika. 17.
Pharm Prax 9:271-5, 1967 (84 ref.) **(Ger)**
AMINOPYRINE, therapeutic use/ AMPHETAMINE, therapeutic use/ *ANALGESICS AND ANTIPYRETICS, therapeutic use/ ASPIRIN, therapeutic use/ BELLADONNA, therapeutic use/ CODEINE, therapeutic use/ *DYSMENORRHEA, drug therapy/ ERGOT ALKALOIDS, therapeutic use/ ERGOTAMINE, therapeutic use/ ESTERS, therapeutic use/ ETHINYL ESTRADIOL, therapeutic use/ GLYCINE, therapeutic use/ HORMONES, therapeutic use/ HUMAN/ *HYPNOTICS AND SEDATIVES, therapeutic use/ METHYLTESTOSTERONE, therapeutic use/ *MUSCLE RELAXANTS, therapeutic use/ PAPAVERINE, therapeutic use/ PHENACETIN, therapeutic use/ PHENOBARBITAL, therapeutic use/ QUININE, therapeutic use/ REVIEW/ SALICYLAMIDES, therapeutic use

1278. **Götz HG**: Obstetrika. 16.
Pharm Prax 9:265-70, 1967 (84 ref.) **(Ger)**
*ANALGESICS AND ANTIPYRETICS/ ERGOT ALKALOIDS/ FEMALE/ HUMAN/ LABOR, INDUCED/ MEPERIDINE/ MEPROBAMATE/ *MUSCLE RELAXANTS/ *OXYTOCICS/ OXYTOCIN/ PAPAVERINE/ PLANT EXTRACTS/ PREGNANCY/ QUININE/ REVIEW/ SPARTEINE/ THIAMINE/ TISSUE EXTRACTS/ TOLAZOLINE/ *TRANQUILIZING AGENTS/ VASOPRESSIN

1279. **Goutarel R, Conreur C, Djakouré L, et al**: Alcoloïdes stéroïdiques--LXXVII. Synthèses de mono- et di-amines stéroïdiques. Alcaloïdes A(saracodine) et B(saracocine) du Sarcococca pruniformis Lindl.
Tetrahedron 24:7013-26, Dec 68 **(Fre)**
*ALKALOIDS, chem synthesis/ AMINES, chem synthesis/ *PLANTS/ *PREGNANES, chem synthesis

1280. **Govan AD, Black WP, Sharp JL**: Aberrant glandular polypi of the uterine cervix associated with contraceptive pills: pathology and pathogenesis.
J Clin Path 22:84-9, Jan 69
ADULT/ *CERVIX NEOPLASMS, chemically induced/ CERVIX UTERI, drug effects/ *CERVIX UTERI, pathology/ *CONTRACEPTIVES, ORAL, adverse effects/ *ESTROGENS, adverse effects/ FEMALE/ HUMAN/ HYPERPLASIA, chemically induced/ MIDDLE AGE/ *POLYPS, chemically induced/ PREGNANCY/ *PROGESTATIONAL HORMONES, adverse effects/ TIME FACTORS

1281. **Gowda LS**: Lingual thyroid.
J Indian Med Ass 51:140-1, 1 Aug 68
ADULT/ CASE REPORT/ FEMALE/ HUMAN/ *THYROID GLAND, abnormalities/ *TONGUE, abnormalities

1282. **Goya S, Hosoda H, Kudo T, et al**: [Analytical chemical studies on steroids. XXII. Polarography of epimeric alpha-bromo-17- and -16-ketosteroids]
J Pharm Soc Jap 89:336-9, Mar 69 **(Jap)**
CHEMISTRY/ *17-KETOSTEROIDS, analysis/ POLAROGRAPHY

1283. **Grabowski M**: Locacorten w leczeniu laryngologicznym. Wiad Lek 22:487-90, 1 Mar 69 **(Pol)**
ADOLESCENCE/ *ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ AGED/ CHILD/ FLUMETHASONE, therapeutic use/ HUMAN/ MIDDLE AGE/ *NOSE DISEASES, drug therapy/ OINTMENTS/ *OTITIS EXTERNA, drug therapy/ *OTITIS MEDIA, drug therapy

1284. **Gracey L**: Non-toxic goitre.
Brit J Clin Pract 23:239-40, Jun 69
ADOLESCENCE/ ADULT/ FEMALE/ GOITER, diagnosis/ *GOITER, surgery/ HUMAN/ MALE/ MIDDLE AGE/ PREGNANCY/ THYROIDECTOMY

1285. **Graeber W**: Die Therapie der Neuritis nervi optici.
Ther Gegenw 107:1264 passim, Oct 68 **(Ger)**
HUMAN/ *METHYLPREDNISOLONE, therapeutic use/ *OPTIC NEURITIS, drug therapy

1286. **Gráf L, Cseh G, Medzihradszky-Schweiger**: Isolation of gamma-lipotropic hormone from porcine pituitary glands.
Biochim Biophys Acta 175:444-7, Mar 69
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ *LIPOTROPIC FACTORS, isolation & purification/ MOLECULAR WEIGHT/ *PITUITARY GLAND, analysis/ SHEEP/ SPECIES SPECIFICITY/ SWINE/ TRYPSIN

1287. **Graff C, Katzenstein A**: Zu ätiopathogenetischen und therapeutischen Aspekten der arteriellen (essentiellen) Hypertoniekrankheit.
Z Ges Inn Med 24:21-4, 1 Jan 69 **(Ger)**
ADAPTATION, PHYSIOLOGICAL/ ADOLESCENCE/ ADULT/ *CHARACTER/ ENGLISH ABSTRACT/ ENVIRONMENTAL EXPOSURE/ FATTY ACIDS, ESSENTIAL, blood/ FATTY ACIDS, NONESTERIFIED, blood/ HUMAN/ HYDROCORTISONE, blood/ *HYPERTENSION/ HYPERTENSION, blood/ HYPERTENSION, drug therapy/ HYPERTENSION, etiology/ HYPERTENSION, physiopathology/ HYPERTENSION, therapy/ HYPERTENSION, urine/ INTERPERSONAL RELATIONS/ MANDELIC ACID, urine/ NOISE/ PSYCHOTHERAPY/ *STRESS, PSYCHOLOGIC/ VANILMANDELIC ACID, urine

1288. **Graham CE**: Estrogen-induced changes at the cervical squamocolumnar junction of the squirrel monkey.
Amer J Obstet Gynec 104:839-45, 15 Jul 69
ANIMAL EXPERIMENTS/ CERVIX UTERI, cytology/ *CERVIX UTERI, drug effects/ EPITHELIUM, drug effects/ *ESTRADIOL, pharmacodynamics/ FEMALE/ MONKEYS/ STIMULATION, CHEMICAL

1289. **Graham J, Graham R**: Cancer treatment with sulfones.
Surg Gynec Obstet 129:103-7, Jul 69
*ADENOCARCINOMA, drug therapy/ ADENOCARCINOMA, radiotherapy/ AGED/ *CARCINOMA, EPIDERMOID, drug therapy/ CARCINOMA, EPIDERMOID, radiotherapy/ CERVIX NEOPLASMS, drug therapy/ FEMALE/ *GYNECOLOGIC NEOPLASMS, drug therapy/ GYNECOLOGIC NEOPLASMS, radiotherapy/ HUMAN/ MIDDLE AGE/ OVARIAN NEOPLASMS, drug therapy/ PROGNOSIS/ *SULFONES, therapeutic use/ UTERINE NEOPLASMS, drug therapy/ VULVAR NEOPLASMS, drug therapy

1290. **Gramatopol D**: Cas clinique. Calcification de la glande thyroide.
J Belg Radiol 52:117-8, 1969 **(Fre)**
*CALCINOSIS, radiography/ HUMAN/ *THYROID GLAND, radiography

1291. **Grant EC**: Psychiatric aspects of oral contraceptives.
Med J Aust 1:1106-7, 24 May 69
*CONTRACEPTIVES, ORAL, adverse effects/ ESTROGENS, adverse effects/ FEMALE/ HUMAN/ PROGESTERONE, adverse effects/ PSYCHOLOGY

1292. **Grant JK**: The metabolism of steroids by skin in man.
Brit J Derm 81:Suppl 2:18-22, 1969 (9 ref.)
ALDOSTERONE, biosynthesis/ ANDROGENS, metabolism/ DEHYDROEPIANDROSTERONE, biosynthesis/ ESTRADIOL, biosynthesis/ ESTRADIOL, blood/ ESTROGENS, metabolism/ ESTRONE, blood/ FEMALE/ HUMAN/ HYDROCORTISONE, biosynthesis/ INFANT, NEWBORN/ MALE/ PROGESTERONE, biosynthesis/ REVIEW/ *SKIN, metabolism/ *STEROIDS, metabolism/ TESTOSTERONE, biosynthesis/ TESTOSTERONE, blood/ TESTOSTERONE, metabolism

1293. **Grant WM**: Action of drugs on movement of ocular fluids.
Ann Rev Pharmacol 9:85-94, 1969 (78 ref.)
ADRENAL CORTEX HORMONES, pharmacodynamics/ ANIMAL EXPERIMENTS/ *AQUEOUS HUMOR, drug effects/ DIGITALIS

GLYCOSIDES, pharmacodynamics/ DIURETICS, pharmacodynamics/ HUMAN/ *INTRAOCULAR PRESSURE, drug effects/ MONKEYS/ PARASYMPATHOLYTICS, pharmacodynamics/ PARASYMPATHOMIMETICS, pharmacodynamics/ RABBITS/ REVIEW/ SYMPATHOLYTICS, pharmacodynamics/ SYMPATHOMIMETICS, pharmacodynamics/ TRANQUILIZING AGENTS, pharmacodynamics/ VASODILATOR AGENTS, pharmacodynamics

1294. **Grantham JJ, Ganote CE, Burg MB, et al:** Paths of transtubular water flow in isolated renal collecting tubules. J Cell Biol 41:562-76, May 69
ANIMAL EXPERIMENTS/ *EXTRACELLULAR SPACE/ HYPOTONIC SOLUTIONS/ IN VITRO/ KIDNEY TUBULES, cytology/ *KIDNEY TUBULES, metabolism/ MICROSCOPY, ELECTRON/ OSMOSIS/ OUABAIN, pharmacodynamics/ RABBITS/ VASOPRESSIN, pharmacodynamics/ *WATER, metabolism

1295. **Gras H, Plagne A, Serpin O:** Le syndrome de Mendelson. A propos d'une observation en dehors de l'anesthésie générale et des comas.
Sem Hop Paris 45:971-6, 26 Mar 69 (Fre)
ADRENAL CORTEX HORMONES, therapeutic use/ ALCOHOLS, therapeutic use/ ANIMAL EXPERIMENTS/ ANTIBIOTICS, therapeutic use/ ASPHYXIA, complications/ CYANOSIS/ DEGLUTITION DISORDERS, complications/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ *FOREIGN BODIES, complications/ GASTRIC JUICE/ HEMIPLEGIA, etiology/ HUMAN/ HYPERTENSION, PULMONARY, etiology/ LUNG, radiography/ MIDDLE AGE/ OUABAIN, therapeutic use/ OXYGEN INHALATION THERAPY/ *PNEUMONIA, ASPIRATION, etiology/ *PULMONARY EDEMA, etiology/ PULMONARY EDEMA, pathology/ RADIOISOTOPE SCANNING/ RESPIRATORY SYSTEM

1296. **Grater WC, Brown EB:** Injectable steroids in allergy.
Ann Allerg 27:321-7, Jul 69
ADRENAL GLAND HYPOFUNCTION, drug therapy/ ASTHMA, drug therapy/ BETAMETHASONE, administration & dosage/ CHILD/ CLINICAL RESEARCH/ *DERMATITIS, drug therapy/ DEXAMETHASONE, administration & dosage/ *GLUCOCORTICOIDS, administration & dosage/ HAY FEVER, drug therapy/ HUMAN/ *HYPERSENSITIVITY, drug therapy/ INJECTIONS/ LONG TERM CARE/ MALE/ METHYLPREDNISOLONE, administration & dosage/ PLACEBOS/ *RESPIRATORY HYPERSENSITIVITY, drug therapy/ TIME FACTORS

1297. **Grebe SF:** Die Joddynamik beim autonom hormonproduzierenden Schilddrüsenadenom. Toxisches Adenom.
Nuclearmedizin 8:89-94, 15 Apr 69 (Ger)
ADENOMA, blood/ *ADENOMA, metabolism/ ADENOMA, physiopathology/ HUMAN/ *IODINE, metabolism/ IODINE ISOTOPES, DIAGNOSTIC, blood/ IODINE ISOTOPES, DIAGNOSTIC, metabolism/ PROTEIN-BOUND IODINE TEST/ RADIOISOTOPE SCANNING/ THYROID NEOPLASMS, blood/ *THYROID NEOPLASMS, metabolism/ THYROID NEOPLASMS, physiopathology

1298. **Grebe SF:** Untersuchungen zur 131-J-Dynamik bei verschiedenen Störungen des Jodumsatzes.
Nuclearmedizin 8:61-74, 15 Apr 69 (Ger)
ADENOMA, blood/ *ADENOMA, metabolism/ ENGLISH ABSTRACT/ HUMAN/ HYPERTHYROIDISM, blood/ *HYPERTHYROIDISM, metabolism/ HYPOTHYROIDISM, blood/ *HYPOTHYROIDISM, metabolism/ *IODINE, metabolism/ IODINE ISOTOPES, DIAGNOSTIC, blood/ IODINE ISOTOPES, DIAGNOSTIC, metabolism/ METHODS/ MYXEDEMA, blood/ *MYXEDEMA, metabolism/ PROTEIN-BOUND IODINE TEST/ *THYROID GLAND, metabolism/ THYROID GLAND FUNCTION TESTS/ THYROID NEOPLASMS, blood/ *THYROID NEOPLASMS, metabolism

1299. **Grebe SF:** Der Radiojodfunktionstest bei der jodabgesättigten Schilddrüse.
Med Welt 11:700-5, 16 Mar 68 (Ger)
HUMAN/ IODINE, metabolism/ *IODINE ISOTOPES, DIAGNOSTIC/ PROTEIN-BOUND IODINE TEST/ *THYROID DISEASES, diagnosis/ THYROID GLAND, metabolism/ *THYROID GLAND FUNCTION TESTS/ THYROTROPIN, metabolism/ TIME FACTORS

1300. **Green R, Luttge WG, Whalen RE:** Uptake and retention of tritiated estradiol in brain and peripheral tissues of male, female and neonatally androgenized female rats. Endocrinology 85:373-8, Aug 69
ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ *CEREBRAL CORTEX, metabolism/ *ESTRADIOL, metabolism/ FEMALE/ *HYPOTHALAMUS, metabolism/ MALE/ *MUSCLES, metabolism/ *PITUITARY GLAND, metabolism/ RATS/ SEX BEHAVIOR, ANIMAL/ SEX FACTORS/ *TESTOSTERONE, pharmacodynamics/ TRITIUM/ *UTERUS, metabolism

1301. **Greenberg EJ, Weber DA, Pochaczevsky R, et al:** Detection of neoplastic bone lesions by quantitative scanning and radiography. J Nucl Med 9:613-20, Dec 68
BONE AND BONES, metabolism/ *BONE NEOPLASMS, diagnosis/ BONE NEOPLASMS, metabolism/ BREAST NEOPLASMS, diagnosis/ CALCIUM ISOTOPES/ CARCINOMA, BRONCHOGENIC, diagnosis/ CARCINOMA, EPIDERMOID, diagnosis/ CERVIX NEOPLASMS, diagnosis/ HUMAN/ LUNG NEOPLASMS, diagnosis/ MELANOMA, diagnosis/ NEOPLASM METASTASIS/ *RADIOGRAPHY/ *RADIOISOTOPE SCANNING/ STRONTIUM ISOTOPES/ THYROID NEOPLASMS, diagnosis/ TIME FACTORS

1302. **Greenberg MS, Brightman VJ, Lynch MA, et al:** Idiopathic hypoparathyroidism, chronic candidiasis, and dental hypoplasia. Oral Surg 28:42-53, Jul 69
ADOLESCENCE/ CASE REPORT/ *DENTAL ENAMEL HYPOPLASIA/ DENTURE, COMPLETE/ FINGERS/ HUMAN/ *HYPOPARATHYROIDISM/ MALE/ *MONILIASIS, ORAL/ NAILS, MALFORMED/ *TONGUE, FISSURED/ TOOTH EXTRACTION

1303. **Greenberg R, Rosenthal I, Falk GS:** Electron microscopy of human tumors secretin catecholamines: correlation with biochemic data.
J Neuropath Exp Neurol 28:475-500, Jul 69
*ADRENAL GLAND NEOPLASMS, pathology/ ADRENAL MEDULLA, metabolism/ *ADRENAL MEDULLA, pathology/ CATECHOLAMINES, biosynthesis/ GANGLIA, AUTONOMIC, metabolism/ *GANGLIA, AUTONOMIC, pathology/ GANGLIONEUROMA, metabolism/ *GANGLIONEUROMA, pathology/ HISTOCYTOCHEMISTRY/ *HORMONES, ECTOPIC, secretion/ HUMAN/ MICROSCOPY, ELECTRON/ NEUROBLASTOMA, metabolism/ *NEUROBLASTOMA, pathology/ PHEOCHROMOCYTOMA, metabolism/ *PHEOCHROMOCYTOMA, pathology

1304. **Greene R:** Riedel's disease.
Brit J Clin Pract 23:261-3, Jun 69
ADULT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PROGNOSIS/ THYROID GLAND, physiopathology/ *THYROIDITIS/ THYROIDITIS, diagnosis/ THYROIDITIS, drug therapy/ THYROIDITIS, physiopathology

1305. **Greene R:** Occult hypothyroidism.
Nurs Mirror 128:36-7, 13 Jun 69
HYPOTHYROIDISM, diagnosis/ SPECIAL LIST NURSING

1306. **Greengard P, Petrack B, Kalinsky HJ:** Identification of hormonally controlled endogenous inhibitor of livernicotinamide deamidase.

Biochim Biophys Acta 184:148-53, 17 Jun 69
*AMIDOHYDROLASES, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ ARACHIDONIC ACID/ CARBON ISOTOPES/ CHROMATOGRAPHY, GAS/ *FATTY ACIDS, NONESTERIFIED/ FEMALE/ *HORMONES, physiology/ LINOLEIC ACID/ LIVER, metabolism/ *NICOTINAMIDE/ OLEIC ACID/ RATS

1307. **Greenlee HB, Katz FH, Sparagana M:** Primary aldosteronism: diagnosis and treatment.
Surg Clin N Amer 49:71-85, Feb 69
ADRENAL GLANDS, blood supply/ ADULT/ ALDOSTERONE, analysis/ GLUCOSE TOLERANCE TEST/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ HYPERALDOSTERONISM, blood/ *HYPERALDOSTERONISM, diagnosis/ HYPERALDOSTERONISM, radiography/ *HYPERALDOSTERONISM, therapy/ HYPERALDOSTERONISM, urine/ MALE/ MIDDLE AGE/ NATRIURESIS/ POTASSIUM, blood/ POTASSIUM, urine/ RENIN, blood/ SODIUM, blood

1308. **Greer MA, Rockie C:** Effect of thyrotopin and the iodine content of the thyroid on the triiodothyronine: thyroxine ration of newly synthesized iodothyronines. Endocrinology 85:244-50, Aug 69
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, PAPER/ DIIODOTYROSINE, analysis/ HYPOPHYSECTOMY/ *IODIDES, analysis/ IODOTYROSINE, analysis/ MALE/ ORGAN WEIGHT/ RATS/ STIMULATION, CHEMICAL/ THYROGLOBULIN, biosynthesis/ THYROID GLAND, analysis/ THYROID GLAND, drug effects/ *THYROID GLAND, metabolism/ THYROTROPIN, administration & dosage/ *THYROTROPIN, pharmacodynamics/ *THYROXINE, biosynthesis/ *TRIIODOTHYRONINE, biosynthesis

1309. **Gregory CH, Gregory RF, Gregory R:** Effect of endocrine glands on function of the gastrointestinal tract. Study of the thyroid, parathyroid, and adrenal glands. Amer J Surg 117:893-906, Jun 69 (169 ref.)
ADRENAL GLAND DISEASES, physiopathology/ *ADRENAL GLANDS, physiology/ *GASTROINTESTINAL SYSTEM, physiology/ GASTROINTESTINAL SYSTEM, physiopathology/ HUMAN/ PARATHYROID DISEASES, physiopathology/ *PARATHYROID GLANDS, physiology/ REVIEW/ THYROID DISEASES, physiopathology/ *THYROID GLAND, physiology

1310. **Greig WR, Maxwell JD, Boyle JA, et al:** Criteria for distinguishing normal from subnormal adrenocortical function using the Synacthen test.
Postgrad Med J 45:307-13, May 69
ADRENAL CORTEX HORMONES, blood/ ADRENAL GLAND DISEASES, diagnosis/ *CORTICOTROPIN, diagnostic use/ FEMALE/ FLUOROMETRY/ HUMAN/ MALE/ MIDDLE AGE/ *PITUITARY-ADRENAL FUNCTION TESTS

1311. **Greven K:** Die physiologie der glatten Muskulatur. Der gegenwärtige Stand der Forschung.
Hippokrates 39:557-64, 15 Aug 68 (Ger)
ACTION POTENTIALS/ ANIMAL EXPERIMENTS/ AUTONOMIC NERVOUS SYSTEM, physiology/ ELECTRIC CONDUCTIVITY/ FEMALE/ GUINEA PIGS/ HUMAN/ MUSCLE CONTRACTION/ MUSCLE, SMOOTH, drug effects/ *MUSCLE, SMOOTH, physiology/ REVIEW/ SEX HORMONES, pharmacodynamics/ UTERUS, drug effects

1312. **Griciute L, Rudali G:** Activité de la phosphatase alcaline dans les tissus pulmonaires de souris XVII-G et c57BL.
Rev Franc Etud Clin Biol 14:75-80, Jan 69 (Fre)
AGE FACTORS/ *ALKALINE PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ BENZANTHRACENES/ BILE DUCTS, enzymology/ FEMALE/ FLUORENES/ HISTOCYTOCHEMISTRY/ KIDNEY TUBULES, enzymology/ LIVER, enzymology/ LUNG NEOPLASMS, chemically induced/ *LUNG NEOPLASMS, enzymology/ LUNG NEOPLASMS, pathology/ MALE/ METABOLISM, INBORN ERRORS/ METHYLCHOLANTHRENE/ MICE/ NEOPLASMS, EXPERIMENTAL, chemically induced/ NEOPLASMS, EXPERIMENTAL, enzymology/ NEOPLASMS, EXPERIMENTAL, pathology/ PLACENTA, enzymology/ PREGNANCY/ *PULMONARY ALVEOLI, enzymology/ PULMONARY ALVEOLI, pathology/ URETHANE

1313. **Griffen WO Jr, Humphrey L, Sosin H:** The prognosis and management of recurrent abdominal malignancies. Curr Probl Surg 3-41, Apr 69 (109 ref.)
*ABDOMINAL NEOPLASMS, diagnosis/ *ABDOMINAL NEOPLASMS, drug therapy/ ABDOMINAL NEOPLASMS, mortality/ ABDOMINAL NEOPLASMS, surgery/ ADOLESCENCE/ ADULT/ *ANTINEOPLASTIC AGENTS, administration & dosage/ BILE DUCT NEOPLASMS, drug therapy/ COLONIC NEOPLASMS, drug therapy/ CYCLOPHOSPHAMIDE, administration & dosage/ FEMALE/ FLUOROURACIL, administration & dosage/ HUMAN/ INJECTIONS, INTRA-ARTERIAL/ ISOLATION PERFUSION/ MALE/ MECHLORETHAMINE, administration & dosage/ METHOTREXATE, administration & dosage/ MIDDLE AGE/ NEOPLASM RECURRENCE, LOCAL/ OVARIAN NEOPLASMS, drug therapy/ PALLIATIVE TREATMENT/ PANCREATIC NEOPLASMS, drug therapy/ PROGNOSIS/ RECTAL NEOPLASMS, drug therapy/ REVIEW/ STOMACH NEOPLASMS, drug therapy/ THIO-TEPA, administration & dosage

1314. **Griffin EE, Tipton SR:** Determination of free thyroxine in blood serum. Alabama J Med Sci 6:145-8, Apr 69
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY/ DIALYSIS/ GEL FILTRATION/ HUMAN/ IODINE ISOTOPES/ METHODS/ RATS/ *THYROXINE, blood

1315. **Grishko FI:** Nekotorye pokazateli sostoianiia simpatiko-adrenalovoĭ sistemy u zhivotnykh, podvergaiushchikhsia dlitel'nomu deĭstviiu serougleroda. Gig Tr Prof Zabol 13:46, Apr 69 (Rus)
*ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ *CARBON DISULFIDE, poisoning/ *CATECHOLAMINES, urine/ FEMALE/ HUMAN/ INDUSTRIAL MEDICINE/ RATS/ *SYMPATHETIC NERVOUS SYSTEM, drug effects/ TEXTILE INDUSTRY/ TIME FACTORS

1316. **Gritti FM, Montini T, Descovich GC, et al:** Variazioni della composizione elettrolitica del succo gastrico in condizioni di base e dopo stimoli farmacologici.
Arch Ital Mal Appar Dig 34:10-35, 1967 (Ita)
ADULT/ ALDOSTERONE, pharmacodynamics/ FASTING/ FEMALE/ *GASTRIC JUICE, analysis/ GASTRIC MUCOSA, drug effects/ HISTAMINE, pharmacodynamics/ HUMAN/ MALE/ *POTASSIUM, analysis/ *SODIUM, analysis/ STOMACH, secretion

1317. **Groot CA de:** Effect of insulin and blood-sugar changes on ascorbic acid values in ovaries and other tissues.
J Endocr 43:xliv, Jan 69
ANIMAL EXPERIMENTS/ *ASCORBIC ACID, metabolism/ *BLOOD SUGAR/ FEMALE/ *INSULIN, pharmacodynamics/ *OVARY, drug effects/ PREGNANCY/ RATS

1318. **Groppetti A, Costa E:** Factors affecting the rate of disappearance of amphetamine in rats.
Int J Neuropharmacol 8:209-15, May 69
AGE FACTORS/ ANIMAL EXPERIMENTS/ DEXTRO AMPHETAMINE, analysis/ *DEXTRO AMPHETAMINE, metabolism/ DIPHENYLHYDANTOIN, pharmacodynamics/ ESTRADIOL, pharmacodynamics/ FEMALE/ HEXOBARBITAL, metabolism/ HYDROXYLASES, metabolism/ LIVER, enzymology/ MALE/ METHYLCHOLANTHRENE, pharmacodynamics/

MICROSOMES, enzymology/ PHENOBARBITAL, pharmacodynamics/ RATS/ SEX FACTORS/ TIME FACTORS/ ZOXAZOLAMINE, metabolism

1319. **Gros CM, Bourjat P, Gauthierie M, et al:** Orientations nouvelles en thermographie.
Presse Med 77:675-8, 12 Apr 69 **(Fre)**
ADENOMA, diagnosis/ ARTERIOVENOUS FISTULA, diagnosis/ BREAST DISEASES, diagnosis/ BREAST NEOPLASMS, diagnosis/ CAROTID ARTERY THROMBOSIS, diagnosis/ CEREBRAL ARTERY DISEASES, diagnosis/ EXTREMITIES, physiopathology/ FEMALE/ GOITER, diagnosis/ HEMODYNAMICS/ HUMAN/ HYPERTHYROIDISM, diagnosis/ JOINT DISEASES, diagnosis/ LYMPHEDEMA/ NEUROFIBROMATOSIS, diagnosis/ PARESTHESIA, diagnosis/ *THERMOGRAPHY, utilization/ THYROID DISEASES, diagnosis/ THYROID NEOPLASMS, diagnosis/ VASCULAR DISEASES

1320. **Grosfeld JL:** Torsion of normal ovary in the first two years of life. Amer J Surg 117:726-7, May 69
APPENDICITIS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ INFANT/ OVARIAN CYSTS, complications/ *OVARIAN DISEASES, diagnosis/ OVARIAN DISEASES, pathology/ *TORSION, diagnosis

1321. **Grossman BJ, Ozoa NF, De Benedetti C:** Intraocular pressure changes in children with the use of corticosteroid therapy.
Proc Inst Med Chicago 27:55-6, May 68
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ *GLAUCOMA, chemically induced/ *GLUCOCORTICOIDS, adverse effects/ HUMAN/ INFANT/ PREDNISONE, adverse effects

1322. **Grossman SP:** A neuropharmacological analysis of hypothalamic and extrahypothalamic mechanisms concerned with the regulation of food and water intake. Ann NY Acad Sci 157:902-17, 15 May 69 (52 ref.)
ANIMAL EXPERIMENTS/ *DRINKING BEHAVIOR/ *FEEDING BEHAVIOR/ *HYPOTHALAMUS, physiology/ METHODS/ NEURAL TRANSMISSION/ *PARASYMPATHOLYTICS, pharmacodynamics/ RATS/ REVIEW/ *SYMPATHOLYTICS, pharmacodynamics

1323. **Gruet M, Baylet:** Tesitcule féminisant (à propos d'un cas africain)
Bull Soc Med Afr Noire Lang Franc 13:704-6, 1968 **(Fre)**
AFRICA/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *SEX DIFFERENTIATION DISORDERS/ TESTICULAR FEMINIZATION

1324. **Grunert E, Elghamry MI, Aehnelt E:** Estimation of estrogenic and toxic potencies of sugar beet plant (Beta vulgaris) and silage in mice.
Planta Med 17:71-8, Feb 69
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, THIN LAYER/ *ESTROGENS, pharmacodynamics/ FEMALE/ MICE/ PLANT EXTRACTS/ *PLANTS/ REPRODUCTION, drug effects/ SILAGE

1325. **Grunewald C, Heugel M:** Dosage immunologique de l'hormone lutéinisante urinaire chez la femme, l'homme et l'enfant.
Presse Med 77:295-6, 15 Feb 69 **(Fre)**
ADOLESCENCE/ ADULT/ AGE FACTORS/ ANIMAL EXPERIMENTS/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ GONADOTROPINS, CHORIONIC/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ IMMUNE SERUMS/ *LH, urine/ MALE/ MENOPAUSE/ MENSTRUATION/ METHODS/ PERIODICITY/ PUBERTY/ RABBITS/ SEX FACTORS

1326. **Grushina AA, Sorkina IuA, Presnova ZhF:** Vliianie dezoksikortikosterona na protivoopukholevuiu aktivnost' tiofosfamide u intaktnykh i adrenaléktomirovannykh krys s sarkomoĭ 45.
Vop Onkol 15:61-5, 1969 **(Rus)**
*ADRENAL GLANDS, physiopathology/ ANIMAL EXPERIMENTS/ *DESOXYCORTICOSTERONE, pharmacodynamics/ MALE/ RATS/ *SARCOMA, drug therapy/ SARCOMA, physiopathology/ SARCOMA, EXPERIMENTAL/ *THIO-TEPA, antagonists & inhibitors/ THIO-TEPA, therapeutic use

1327. **Guardabassi A, Signorelli I, Clerici P:** Ovociti nei testicolo di rospi adulti tiroidectomizzati con 131-I.
Ric Sci 38:976-9, Oct 68 **(Ita)**
ANIMAL EXPERIMENTS/ *GERM CELLS/ IODINE ISOTOPES, pharmacodynamics/ *OVUM/ *TESTIS, cytology/ *THYROID GLAND, physiology/ TOADS

1328. **Gudmundson C, Nilsson BE:** Failure to produce heparin osteoporosis in rats.
Acta Pharmacol (Kobenhavn) 27:56-9, 1969
ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ BONE AND BONES, analysis/ FEMALE/ *HEPARIN/ *OSTEOPOROSIS, chemically induced/ RATS

1329. **Guenov I, Schopov I, Shijabinkov Z, et al:** Untersuchungen zur Differenzierung von aus klinische gesunden Kälbern isolierten Adenoviren.
Zbl Veterinaermed [B] 16:335-40, Jun 69 **(Ger)**
*ADENOVIRUS, isolation & purification/ *CATTLE/ ENGLISH ABSTRACT/ KIDNEY, microbiology/ MICROSCOPY, ELECTRON/ NEUTRALIZATION TESTS/ TESTIS, microbiology

1330. **Guglielminetti G, Semino G:** In tema di diagnosi clinica del cancro primitivo dell'ovaio.
Minerva Ginec 21:343-7, 31 Mar 69 **(Ita)**
FEMALE/ HUMAN/ *OVARIAN NEOPLASMS, diagnosis

1331. **Guidollet J, Arnaud P, Louisot P:** Etude des variations physiologiques de la transcortine plasmatique chez la femme au cours de la crossesse.
Presse Med 77:719-20, 19 Apr 69 **(Fre)**
CHROMATOGRAPHY/ ESTROGENS, physiology/ FEMALE/ HUMAN/ *HYDROCORTISONE, blood/ HYDROCORTISONE, physiology/ MALE/ *PREGNANCY/ *TRANSCORTIN, blood/ TRANSCORTIN, physiology/ TRITIUM

1332. **Guillemant S, Thomopoulos P, Desgrez P:** Test rapide à la métopirone (SU 48-85 Ciba) au moyen de dosages plasmatiques. (Note préliminaire)
Ann Biol Clin (Paris) 27:65-73, Jan-Feb 69 **(Fre)**
ADULT/ ENGLISH ABSTRACT/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, blood/ METHODS/ *METYRAPONE, diagnostic use/ METYRAPONE, pharmacodynamics/ PITUITARY-ADRENAL FUNCTION TESTS

1333. **Guinet P:** Diagnostic d'une aménorrhée primaire.
Rev Lyon Med 17:969-73, 30 Dec 68 **(Fre)**
ADOLESCENCE/ *AMENORRHEA, diagnosis/ AMENORRHEA, etiology/ FEMALE/ *GONADS, abnormalities/ HUMAN/ PUBERTY

1334. **Guinet P, Eyraud MT:** Les dysgénésies gonadiques avec gonocytome. Rev Lyon Med 17:975-94, 30 Dec 68 **(Fre)**
ADULT/ *DISGERMINOMA, complications/ FEMALE/ HUMAN/ *OVARIAN NEOPLASMS, complications/ *TURNER'S SYNDROME, complications

1335. **Guinet P, Laurent C, Robert M:** Les corrélations anatomo-cliniques et cyto-génétiques dans les dysgénésies gonadiques.
Rev Lyon Med 17:995-1060, 30 Dec 68 **(Fre)**
ADOLESCENCE/ ADULT/ FEMALE/ HUMAN/ KARYOTYPING/ MALE/ SEX CHROMATIN/ *TURNER'S SYNDROME

1336. **Guivarc'h M, Voinchet O, Mouchet A:** A propos de six carcinoïdes dont trois sécrétants.
Mem Acad Chir (Paris) 95:77-86, 1969 **(Fre)**
ADULT/ AGED/ *CARCINOID TUMOR/ FEMALE/ HUMAN/ *INTESTINAL NEOPLASMS/ INTESTINE, SMALL/ *LIVER NEOPLASMS/ LYMPHATIC METASTASIS/

MALE/ NEOPLASM METASTASIS/ *OVARIAN NEOPLASMS/ *STOMACH NEOPLASMS

1337. **Guldberg HC, Yates CM:** Effects of chlorpromazine on the metabolism of catecholamines in dog brain. Brit J Pharmacol 36:535-48, Jul 69
ANIMAL EXPERIMENTS/ BRAIN, drug effects/ *BRAIN, metabolism/ *CATECHOLAMINES, metabolism/ CAUDATE NUCLEUS, analysis/ *CHLORPROMAZINE, pharmacodynamics/ DOGS/ DOPAMINE, metabolism/ EPINEPHRINE, metabolism/ HYDROXYINDOLEACETIC ACID, cerebrospinal fluid/ HYPOTHALAMUS, analysis/ MESENCEPHALON, analysis/ NOREPINEPHRINE, metabolism/ PHENYLACETATES, cerebrospinal fluid/ SEROTONIN, metabolism/ THALAMUS, analysis

1338. **Guilotta F:** Zur Lokalisation der Wernicke-Encephalopathie im Kindes- und Erwachsenenalter.
Verh Deutsch Ges Path 52:260-3, 1968 (Ger)
ADULT/ *BRAIN DISEASES, pathology/ CEREBRAL VENTRICLES, pathology/ CHILD/ ENGLISH ABSTRACT/ HUMAN/ OPTIC CHIASM, pathology/ PINEAL BODY, pathology/ VESTIBULAR NUCLEI, pathology/ *VITAMIN B DEFICIENCY, pathology/ WERNICKE'S ENCEPHALOPATHY, pathology

1339. **Gunne LM, Jonsson J, Fuxe K:** Effects of morphine intoxication on brain catecholamine neurons.
Europ J Pharmacol 5:338-42, Mar 69
ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ *BRAIN CHEMISTRY, drug effects/ DOPAMINE, analysis/ DOPAMINE, antagonists & inhibitors/ *DOPAMINE, biosynthesis/ DRUG WITHDRAWAL SYMPTOMS/ EPINEPHRINE, analysis/ FLUORESCENCE/ MALE/ *METHYLTYROSINES, pharmacodynamics/ *MORPHINE, pharmacodynamics/ NALORPHINE, pharmacodynamics/ *NEURAL TRANSMISSION, drug effects/ NEURONS, drug effects/ NOREPINEPHRINE, analysis/ *NOREPINEPHRINE, biosynthesis

1340. **Günther R:** Neuere Methoden der medikamentösen Therapie der rheumatoiden Arthritis.
Beitr Rheum 13:75-87, 1968 (Ger)
*ARTHRITIS, RHEUMATOID, drug therapy/ *GLUCOCORTICOIDS, therapeutic use/ HUMAN/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ *INDOMETHACIN, therapeutic use/ *PENICILLAMINE, therapeutic use

1341. **Günthner W:** Ganzkörperplethysmographische Untersuchungen zum Wirkungseintritt intravenös verabreichter Glucocorticoide.
Arzneimittelforschung 19:667-9, Apr 69 (Ger)
ADULT/ ASTHMA, drug therapy/ DYSPNEA, drug therapy/ ESTERS, therapeutic use/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, therapeutic use/ INJECTIONS, INTRAVENOUS/ MALE/ MIDDLE AGE/ PLETHYSMOGRAPHY/ RESPIRATION, drug effects

1342. **Günthner W:** Ganzkörperplethysmographische Untersuchungen zum Wirkungseintritt nach Inhalation eines Dexamethason-21-isonicotinat-Dosier-Aerosols.
Arzneimittelforschung 19:116-7, Jan 69 (Ger)
ADULT/ AEROSOLS/ *ASTHMA, drug therapy/ *DEXAMETHASONE, therapeutic use/ ESTERS, therapeutic use/ HUMAN/ INHALATION THERAPY/ *ISONICOTINIC ACID, therapeutic use/ MALE/ MIDDLE AGE/ PLETHYSMOGRAPHY/ *RESPIRATORY TRACT DISEASES, drug therapy

1343. **Gupta DP, Sen NK:** The genesis of a cancer cell.
J Indian Med Ass 51:618-21, 16 Dec 68 (41 ref.)
*CARCINOGENS/ CELL TRANSFORMATION, NEOPLASTIC/ DNA, NEOPLASM/ DNA, VIRAL/ HORMONES, adverse effects/ HUMAN/ *MITOSIS/ *NEOPLASMS, etiology/ REVIEW/ RNA, NEOPLASM/ RNA, VIRAL/ SUNLIGHT

1344. **Gupta MB, Bhalla TN, Gupta GP, et al:** Anti-inflammatory activity of natural products. I. Triterpenoids. Europ J Pharmacol 6:67-70, Apr 69
ANIMAL EXPERIMENTS/ *ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ ARTHRITIS, chemically induced/ CARRAGEENAN/ CHEMISTRY/ EDEMA, chemically induced/ FORMALDEHYDE/ HYDROCORTISONE, therapeutic use/ PLANTS, isolation & purification/ RATS/ TERPENES, isolation & purification/ *TERPENES, pharmacodynamics

1345. **Gupta PK, Taft PD:** Urinary cytology in female genital cancer. Amer J Obstet Gynec 104:1043-6, 1 Aug 69
ADENOCARCINOMA, diagnosis/ ADULT/ CARCINOMA, EPIDERMOID, diagnosis/ CERVIX NEOPLASMS, diagnosis/ *CYTODIAGNOSIS/ FEMALE/ *GYNECOLOGIC NEOPLASMS, diagnosis/ GYNECOLOGIC NEOPLASMS, urine/ HUMAN/ MESONEPHROMA, diagnosis/ METHODS/ NEOPLASM METASTASIS/ OVARIAN NEOPLASMS, diagnosis/ SARCOMA, RETICULUM CELL, diagnosis/ URETHRAL NEOPLASMS, diagnosis/ *URINE, cytology/ UTERINE NEOPLASMS, diagnosis/ VAGINAL NEOPLASMS, diagnosis/ VAGINAL SMEARS/ VULVAR NEOPLASMS, diagnosis

1346. **Gupta RL:** Occurrence of severe thyrotoxicosis in a case of Hashimoto's disease. Int Surg 51:540-2, Jun 69
ADULT/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, complications/ *THYROIDITIS, LYMPHOMATOUS, complications

1347. **Gupta VB, Lal HB, Bahl AL, et al:** Ovarian dysplasia.
J Indian Med Ass 51:138-9, 1 Aug 68
ADULT/ FEMALE/ HUMAN/ *HYPOGONADISM, complications/ *OSTEOPOROSIS, complications/ *TURNER'S SYNDROME, complications

1348. **Guraya SS:** Histochemical study of follicular atresia in the amphibian ovary.
Acta Biol Acad Sci Hung 20:43-56, 1969
ANIMAL EXPERIMENTS/ FEMALE/ GRAAFIAN FOLLICLE, cytology/ HISTOCYTOCHEMISTRY/ *OVARY, cytology/ *TOADS

1349. **Gurd AR, Connell AM:** The origin of fat emboli after injury. Brit J Surg 56:614, Aug 69
ANIMAL EXPERIMENTS/ *BONE AND BONES, injuries/ BONE MARROW, metabolism/ CHYLOMICRONS/ *EMBOLISM, FAT, etiology/ HUMAN

1350. **Gürich HG:** Drei weitere Fälle ungewöhnlicher rheumatischer Gewebsveränderungen bei Cortison-behandelter primär-chronischer Polyarthritis.
Verh Deutsch Ges Path 52:519-25, 1968 (Ger)
AGED/ AORTA, THORACIC, pathology/ ARTHRITIS, RHEUMATOID, drug therapy/ ARTHRITIS, RHEUMATOID, pathology/ *CORTISONE, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ *GRANULOMA, chemically induced/ GRANULOMA, pathology/ HUMAN/ LUNG, pathology/ MALE/ MIDDLE AGE/ PERICARDIUM, pathology

1351. **Gusman HA:** Chorionic gonadotropin in obesity. Further clinical observations.
Amer J Clin Nutr 22:686-95, Jun 69
ADIPOSE TISSUE/ ADOLESCENCE/ ADULT/ AGED/ BODY WEIGHT, drug effects/ FEMALE/ GONADOTROPINS, CHORIONIC, adverse effects/ GONADOTROPINS, CHORIONIC, physiology/ *GONADOTROPINS, CHORIONIC, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *OBESITY, drug therapy/ PREGNANCY/ *PREGNANCY COMPLICATIONS, drug therapy

1352. **Gustafsson PO, Beling CG:** Estradiol-induced changes in beagle pups: effect of prenatal and postnatal administration. Endocrinology 85:481-91, Sep 69
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN, physiology/ BIRTH WEIGHT/ DOGS/ EPIPHYSES, growth & development/ *ESTRADIOL, pharmacodynamics/ ESTROGENS, physiology/ FEMALE/ FEMUR, radiography/ FEMUR HEAD/ *FETAL DEATH, chemically induced/ HIP DISLOCATION, CONGENITAL, etiology/ *HIP JOINT, drug effects/ *OSSIFICATION, PHYSIOLOGIC, drug effects/ PREGNANCY/ *PREGNANCY, ANIMAL

1353. **Gutiérrez JH:** Tratamiento de la dentina y pulpa mediante el empleo de desinfectantes, antibióticos y corticosteroides. Revisión bibliográfica.
Rev Odont Concepcion 13:127-47, Jul-Sep 68 **(Spa)**
ADRENAL CORTEX HORMONES, therapeutic use/ ANTIBIOTICS, therapeutic use/ ANTI-INFECTIVE AGENTS, LOCAL, therapeutic use/ DENTAL PULP, drug effects/ DENTAL PULP DISEASES, drug therapy/ DENTIN, drug effects/ ROOT CANAL THERAPY/ SPECIAL LIST DENTAL

1354. **Gutmann L, Thompson HG Jr, Martin JD:** Transient facial myokymia. An uncommon manifestation of multiple sclerosis. JAMA 209:389-91, 21 Jul 69
ADULT/ BRAIN NEOPLASMS, complications/ ELECTROMYOGRAPHY/ *FACIAL MUSCLES/ FEMALE/ HUMAN/ MEDULLA OBLONGATA/ *MULTIPLE SCLEROSIS, complications/ MULTIPLE SCLEROSIS, drug therapy/ *MUSCULAR DISEASES, etiology/ NEUROLOGIC MANIFESTATIONS/ PONS/ PREDNISONE, therapeutic use

1355. **Gyertyánfy G, Földes G, Gesztesi E:** A serum úgynevezett "szabad" trijódthyronin tartalmának meghatározása gélfiltrációs módszerrel és diagnoztikus alkalmazása.
Orv Hetil 110:1426-8, 22 Jun 69 **(Hun)**
GEL FILTRATION/ HUMAN/ *HYPERTHYROIDISM, diagnosis/ *HYPOTHYROIDISM, diagnosis/ IODINE ISOTOPES, DIAGNOSTIC/ SERUM ALBUMIN, RADIO-IODINATED, diagnostic use/ *THYRONINE, blood

H

1356. **Haar DJ ter, Riet HG van, Thijssen JH, et al:** Response of immunoreactive growth hormone, immunoreactive insulin, free fatty acids and blood sugar to exercise in obese patients and in normal subjects.
J Endocr 43:xi-xii, Jan 69
*BLOOD SUGAR/ *EXERTION/ *FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ HUMAN/ IMMUNOASSAY/ *INSULIN, blood/ MALE/ *OBESITY, blood/ OBESITY IN DIABETES, blood/ *SOMATOTROPIN, blood

1357. **Haber E:** The renin-angiotensin system in curable hypertension.
Mod Conc Cardiovasc Dis 38:17-22, Apr 69
ALDOSTERONE, physiology/ *ANGIOTENSIN, physiology/ CHEMISTRY/ FEEDBACK/ HUMAN/ *HYPERTENSION, physiopathology/ *RENIN, physiology

1358. **Hackenbrock CR, Caplan AI:** Ion-induced ultrastructural transformations in isolated mitochondria. The energized uptake of calcium.
J Cell Biol 42:221-34, Jul 69
ADENINE NUCLEOTIDES, pharmacodynamics/ ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ CALCIUM, pharmacodynamics/ *LIVER, cytology/ MICROSCOPY, ELECTRON/ MITOCHONDRIA, LIVER, drug effects/ *MITOCHONDRIA, LIVER, metabolism/ OSMOSIS/ OXYGEN CONSUMPTION/ PHOSPHORUS, pharmacodynamics/ RATS

1359. **Hacker B, Feldbush TL:** N6-(delta-2-isopentenyl) adenosine--effects upon nucleic acid synthesis in lymphocytes in vitro and the development of immunologic hypersensitivity in vivo.
Biochem Pharmacol 18:847-53, Apr 69
ANIMAL EXPERIMENTS/ CHEMISTRY/ DACTINOMYCIN, pharmacodynamics/ DNA, metabolism/ HEMAGGLUTINATION/ *HYPERSENSITIVITY, immunology/ *IMMUNOSUPPRESSIVE AGENTS, pharmacodynamics/ *LYMPHOCYTES, metabolism/ *NUCLEOSIDES, pharmacodynamics/ PREDNISOLONE, pharmacodynamics/ RATS/ *RNA, biosynthesis/ SPLEEN, immunology/ THYMIDINE, metabolism/ URIDINE, metabolism

1360. **Hager W, Friedrich KH, Wink K, et al:** Indikationen und ergebnisse der Elektrotherapie tachykarder Rhythmusstörungen des Herzens.
Med Klin 64:584-8, 28 Mar 69 **(Ger)**
ADULT/ AGED/ ARRHYTHMIA, diagnosis/ *ELECTRIC COUNTERSHOCK/ ELECTROCARDIOGRAPHY/ FEMALE/ FOLLOW-UP STUDIES/ HEART FAILURE, CONGESTIVE, complications/ HUMAN/ HYPERTHYROIDISM, complications/ INFANT/ MALE/ METHODS/ MIDDLE AGE/ MITRAL VALVE STENOSIS, complications/ QUINIDINE, therapeutic use/ TACHYCARDIA, drug therapy/ TACHYCARDIA, etiology/ *TACHYCARDIA, therapy

1361. **Hägerstrand I, Schönebeck J:** Metastases to the pituitary gland.
Acta Path Microbiol Scand 75:64-70, 1969
ADULT/ AGE FACTORS/ AGED/ BILE DUCT NEOPLASMS/ BONE NEOPLASMS/ BRAIN NEOPLASMS/ *BREAST NEOPLASMS/ BRONCHIAL NEOPLASMS/ CERVIX NEOPLASMS/ COLONIC NEOPLASMS/ ESOPHAGEAL NEOPLASMS/ FEMALE/ GALLBLADDER NEOPLASMS/ HUMAN/ KIDNEY NEOPLASMS/ LIVER NEOPLASMS/ MALE/ MELANOMA/ MIDDLE AGE/ NEOPLASM METASTASIS/ OVARIAN NEOPLASMS/ PANCREATIC NEOPLASMS/ PELVIC NEOPLASMS/ *PITUITARY NEOPLASMS, occurrence/ PROSTATIC NEOPLASMS/ RECTAL NEOPLASMS/ RETROSPECTIVE STUDIES/ STOMACH NEOPLASMS/ URETHRAL NEOPLASMS/ UTERINE NEOPLASMS

1362. **Hahn EW, Heggeness FW:** Preconception irradiation of dam and composition of offspring.
J Nutr 98:181-7, Jun 69
ADIPOSE TISSUE, growth & development/ ANIMAL EXPERIMENTS/ *ANIMALS, NEWBORN, growth & development/ *BODY COMPOSITION/ BODY WEIGHT/ DIET/ *ESTRUS, radiation effects/ FEMALE/ FETUS, growth & development/ LIPIDS, analysis/ MALE/ NITROGEN, analysis/ *OVULATION, radiation effects/ PREGNANCY/ *PREGNANCY, ANIMAL, radiation effects/ *RADIATION EFFECTS/ RATS

1363. **Hahn J, Foote RH, Cranch ET:** A tonometer for measuring testicular consistency of bulls to predict semen quality. J Reprod Fertil 18:168, Feb 69
ANIMAL EXPERIMENTS/ CATTLE/ FERTILITY/ MALE/ SCROTUM/ *SEMEN/ SPERMATOZOA/ *TESTIS/ *TONOMETRY, instrumentation

1364. **Hahn JD, Neumann F:** Untersuchungen zur Wirkung von 19-Nor-17alpha-hydroxy-progesteron-capronat auf Prostata, Samenblasen und Hoden der Ratte.
Naunyn Schmiedeberg Arch Pharm Exp Path 260:131, 1968 **(Ger)**
ANIMAL EXPERIMENTS/ CAPROATES/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ *HYDROXYPROGESTERONE, pharmacodynamics/ HYPOPHYSECTOMY/ MALE/ *NORSTEROIDS, pharmacodynamics/ ORGAN WEIGHT/ *PROSTATE, drug effects/ RATS/ *SEMINAL VESICLES, drug effects/ *TESTIS, drug effects

1365. **Hahn TJ, Downing SJ, Phang JM:** Amino acid transport in adult diaphyseal bone: contrast with amino acid transport mechanisms in fetal membranous bone.
Biochim Biophys Acta 183:194-203, 3 Jun 69
AGE FACTORS/ ALANINE, metabolism/

AMIDES, pharmacodynamics/ *AMINO ACIDS, metabolism/ AMINOISOBUTYRIC ACID, metabolism/ ANIMAL EXPERIMENTS/ *BIOLOGICAL TRANSPORT/ BONE AND BONES, embryology/ *BONE AND BONES, metabolism/ CARBON ISOTOPES/ CYANIDES, pharmacodynamics/ DEPRESSION, CHEMICAL/ FEMALE/ FLUORIDES, pharmacodynamics/ HYDROXYPROLINE, metabolism/ IMINES/ *MEMBRANES, metabolism/ METHODS/ PREGNANCY/ PROLINE, metabolism/ RATS/ SERINE, metabolism/ SODIUM/ SUCROSE/ TIBIA/ TIME FACTORS/ TRITIUM

1366. **Hähnel R, Muslim NB:** Tables for the identification of steroid conjugates. Chromatogr Rev 11:215-364, Jun 69
*STEROIDS, analysis

1367. **Hai MA, Thomas S:** Acute effects of lysine-vasopressin infusion on rat renal tissue osmolality.
J Physiol (London) 202:117P+, Jun 69
ANIMAL EXPERIMENTS/ DIURESIS/ *KIDNEY, drug effects/ *LYSINE, pharmacodynamics/ OSMOLAR CONCENTRATION/ RATS/ TIME FACTORS/ *VASOPRESSIN, pharmacodynamics/ WATER-ELECTROLYTE BALANCE

1368. **Haines CR, Wallace HJ Jr, Nevinny HB, et al:** Clinical evaluation of estrogen-androgen combination in advanced breast cancer.
Amer J Surg 117:589-94, Apr 69
*BREAST NEOPLASMS, drug therapy/ BREAST NEOPLASMS, radiography/ CLINICAL RESEARCH/ *ETHINYL ESTRADIOL, administration & dosage/ ETHINYL ESTRADIOL, adverse effects/ FEMALE/ *FLUOXYMESTERONE, administration & dosage/ FLUOXYMESTERONE, adverse effects/ HEMOGLOBINOMETRY/ HUMAN/ MENOPAUSE/ MIDDLE AGE/ PLACEBOS

1369. **Halsová L, Petrovič S:** Primární hyperparatyreóza a její projevy v ústní dutině a v kostech.
Cesk Stomat 69:119-24, Mar 69 **(Cze)**
CASE REPORT/ ENGLISH ABSTRACT/ HUMAN/ *HYPERTHYROIDISM, complications/ MIDDLE AGE/ *ORAL MANIFESTATIONS/ *OSTEITIS FIBROSA CYSTICA, etiology

1370. **Håkanson R, Owman C, Sjöberg NO:** Three different systems of monoamine-storing cells in the gastrointestinal tract of fetal and neonatal rats.
Acta Physiol Scand 75:213-30, Jan-Feb 69
*AMINES, metabolism/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ CHROMAFFIN SYSTEM, metabolism/ DOPA, metabolism/ DOPA DECARBOXYLASE/ DUODENUM, metabolism/ FETUS/ GASTRIC MUCOSA, cytology/ GASTRIC MUCOSA, metabolism/ *GASTROINTESTINAL SYSTEM, metabolism/ HISTOCYTOCHEMISTRY/ ILEUM, metabolism/ MAST CELLS, cytology/ RATS/ SEROTONIN, metabolism/ STOMACH, metabolism

1371. **Halaris A, Matussek N:** Effect of continuous illumination on mitochondria of the rat pineal body.
Experientia 25:486-7, 15 May 69
ANIMAL EXPERIMENTS/ *LIGHT/ MALE/ MICROSCOPY, ELECTRON/ MITOCHONDRIA, metabolism/ *MITOCHONDRIA, radiation effects/ OXIDATIVE PHOSPHORYLATION/ PINEAL BODY, cytology/ PINEAL BODY, metabolism/ *PINEAL BODY, radiation effects/ RADIATION EFFECTS/ RATS/ SEROTONIN, metabolism

1372. **Halberg F, Reinberg A:** Rythmes circadiens et rythmes de basses fréquences en physiologie humaine.
J Physiol (Paris) 59:Suppl:117-200, 1967 **(Fre)**
ADULT/ AGE FACTORS/ ANIMAL EXPERIMENTS/ BODY TEMPERATURE/ BREAST NEOPLASMS, metabolism/ BREAST NEOPLASMS, radiotherapy/ CARCINOMA, BASAL CELL, metabolism/ CARCINOMA, BASAL CELL, radiotherapy/ CARCINOMA, EPIDERMOID, metabolism/ CARCINOMA, EPIDERMOID, radiotherapy/ *CIRCADIAN RHYTHM/ *COMPUTERS, DIGITAL/ ELECTROENCEPHALOGRAPHY/ FEMALE/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ INFANT/ *INFORMATION RETRIEVAL SYSTEMS/ 17-KETOSTEROIDS, urine/ LIGHT/ MALE/ *METABOLISM/ MICE/ MIDDLE AGE/ MITOSIS/ MODELS, THEORETICAL/ PERIODICITY/ SLEEP/ SPECTRUM ANALYSIS/ TIME FACTORS

1373. **Halberstadt E, Stein WW, Michel RT, et al:** Untersuchungen zur Frage fibrinolytischer Faktoren in der Placenta. Arch Gynaek 206:450-5, 1968 **(Ger)**
FEMALE/ *FIBRINOLYSIS/ HEMORRHAGE, POSTPARTUM, etiology/ HUMAN/ METHODS/ PLACENTA, analysis/ *PLACENTAL EXTRACTS, analysis/ *PLASMINOGEN, analysis/ PLASMINOGEN, antagonists & inhibitors/ PREGNANCY

1374. **Hale DH, Symington RB:** Control of sexual activity in ranch cows by intramuscular and intravaginal administration of progestagens.
J Reprod Fertil 18:193-6, Mar 69
ANIMAL EXPERIMENTS/ *CATTLE/ CHLORMADINONE, pharmacodynamics/ CORPUS LUTEUM, physiology/ *ESTRUS, drug effects/ FEMALE/ 17-HYDROXYCORTICOSTEROIDS, pharmacodynamics/ INJECTIONS, INTRAMUSCULAR/ MEGESTROL, pharmacodynamics/ OVULATION, drug effects/ PROGESTATIONAL HORMONES, administration & dosage/ *PROGESTATIONAL HORMONES, pharmacodynamics/ TAMPONS

1375. **Hale HB, Williams EW, Buckley CJ:** Aeromedical aspects of the first nonstop transatlantic helicopter flight. 3. Endocrine-metabolic effects.
Aerospace Med 40:718-23, Jul 69
*AIRCRAFT/ *AVIATION MEDICINE/ CREATINE, urine/ *ENDOCRINE GLANDS, physiology/ EPINEPHRINE, urine/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ MAGNESIUM, urine/ MALE/ NOREPINEPHRINE, urine/ PHOSPHORUS, urine/ POTASSIUM, urine/ SODIUM, urine/ STRESS/ TIME FACTORS/ UREA, urine/ *URINE, analysis

1376. **Hales CN:** Some actions of hormones in the regulation of glucose metabolism.
Essays Biochem 3:73-104, 1967 (108 ref.)
ADRENAL CORTEX HORMONES, pharmacodynamics/ *ADRENAL CORTEX HORMONES, physiology/ ANIMAL EXPERIMENTS/ CARBOHYDRATES, metabolism/ DIETARY CARBOHYDRATES/ ENZYMES, antagonists & inhibitors/ ENZYMES, metabolism/ GLUCAGON, pharmacodynamics/ *GLUCAGON, physiology/ *GLUCOSE, metabolism/ HORMONES, pharmacodynamics/ *HORMONES, physiology/ HUMAN/ INSULIN, pharmacodynamics/ *INSULIN, physiology/ INSULIN, secretion/ LIPIDS, metabolism/ RATS/ RECEPTORS, DRUG/ REVIEW/ SOMATOTROPIN, pharmacodynamics/ *SOMATOTROPIN, physiology

1377. **Hales I, Stiel J, Reeve T, et al:** Prediction of the long-term results of antithyroid drug therapy for thyrotoxicosis. J Clin Endocr 29:998-1001, Jul 69
CARBIMAZOLE, therapeutic use/ CLINICAL RESEARCH/ FOLLOW-UP STUDIES/ HUMAN/ *HYPERTHYROIDISM, drug therapy/ *IMIDAZOLES, therapeutic use/ IODINE ISOTOPES, DIAGNOSTIC/ METABOLIC CLEARANCE RATE/ PROGNOSIS/ *PROPYLTHIOURACIL, therapeutic use/ *THYROID ANTAGONISTS, therapeutic use/ THYROID GLAND, metabolism

1378. **Halfpenny AF, Smith GH, Rook JA:** The effect of energy nutrition on blood amino acid levels in the lactating cow. Proc Nutr Soc 28:29A-30A, Mar 69
*AMINO ACIDS, blood/ ANIMAL EXPERIMENTS/ *ANIMAL NUTRITION/ CASEIN, biosynthesis/ CATTLE/ GLUCOSE,

metabolism/ *LACTATION/ PROPIONATES, pharmacodynamics

1379. **Halikowski B, Kucharska K, Sancewicz-Pach K:** Wyniki leczenia immunosupresyjnego w chorobach nerek u dzieci. Pediat Pol 44:539-47, May 69 (Pol)
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *KIDNEY DISEASES, drug therapy/ MALE/ *MERCAPTOPURINE, therapeutic use/ *NEPHROSIS, LIPOID, drug therapy/ *PREDNISONE, therapeutic use

1380. **Halikowski B, Kucharska K, Sancewicz-Pach K:** Poziom cholesterolu a stężenie wapnia i magnezu osocza w zespole nerczycowym u dzieci.
Pediat Pol 44:561-6, May 69 (Pol)
ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ *CALCIUM, blood/ CHILD/ CHILD, PRESCHOOL/ *CHOLESTEROL, blood/ ENGLISH ABSTRACT/ HUMAN/ INFANT/ *MAGNESIUM, blood/ *NEPHROTIC SYNDROME, blood/ NEPHROTIC SYNDROME, drug therapy

1381. **Hall AP:** Preoperative evaluation of the arthritic patient. Surg Clin N Amer 49:751-5, Aug 69
AGE FACTORS/ AGED/ ARTHRITIS, RHEUMATOID, drug therapy/ ARTHRITIS, RHEUMATOID, drug therapy/ ARTHRITIS, RHEUMATOID, rehabilitation/ *ARTHRITIS, RHEUMATOID, surgery/ ARTHRITIS, RHEUMATOID, therapy/ ARTHRITIS, RHEUMATOID, therapy/ HUMAN/ POSTOPERATIVE CARE/ PREDNISONE, therapeutic use/ PREOPERATIVE CARE

1382. **Hall BK:** Hypoxia and differentiation of cartilage and bone from common germinal cells in vitro.
Life Sci 8:533-8, 15 May 69
ANIMAL EXPERIMENTS/ *ANOXIA/ BONE AND BONES, cytology/ *BONE AND BONES, embryology/ CARTILAGE, cytology/ *CARTILAGE, embryology/ *CELL DIFFERENTIATION/ CHICK EMBRYO/ IN VITRO/ OXYGEN/ TISSUE CULTURE

1383. **Hall EV van, Heintz AP:** Influence of HCG on the production of oestrogens by the adrenal gland.
J Endocr 43:xxxiv, Jan 69
*ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, secretion/ ANIMAL EXPERIMENTS/ CASTRATION/ CORTICOTROPIN, physiology/ *ESTROGENS, secretion/ FEMALE/ *GONADOTROPINS, CHORIONIC, pharmacodynamics/ MONKEYS

1384. **Halme J, Kivirikko KI, Kaitila I, et al:** Effect of tetracycline on collagen biosynthesis in cultured embryonic bones.
Biochem Pharmacol 18:827-36, Apr 69
ANIMAL EXPERIMENTS/ ASCORBIC ACID/ *BONE AND BONES, metabolism/ *COLLAGEN, biosynthesis/ *COLLAGEN, metabolism/ CULTURE MEDIA/ FEMALE/ HYDROXYLASES, pharmacodynamics/ HYDROXYPROLINE, biosynthesis/ IRON, administration & dosage/ IRON, pharmacodynamics/ KETOGLUTARIC ACID, pharmacodynamics/ MICE/ PREGNANCY, ANIMAL, drug effects/ PROLINE, metabolism/ TETRACYCLINE, administration & dosage/ *TETRACYCLINE, pharmacodynamics/ ULNA/ ULNA, embryology

1385. **Halstead LB:** Calcified tissues in the earliest vertebrates. Calcif Tissue Res 3:107-24, 1969 (66 ref.)
ANIMAL EXPERIMENTS/ BONE AND BONES/ CALCIFICATION, PHYSIOLOGIC/ CARTILAGE/ *DENTIN/ EVOLUTION/ *PALEODONTOLOGY/ REVIEW/ *VERTEBRATES

1386. **Haltmeyer GC, Eik-Nes KB:** Plasma levels of testosterone in male rabbits following copulation.
J Reprod Fertil 19:273-7, Jul 69
CHLORPROMAZINE, pharmacodynamics/ *COITUS/ CORTICOTROPIN, pharmacodynamics/ FEMALE/ FLUOXYMESTERONE, pharmacodynamics/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ MALE/ RABBITS/ *TESTOSTERONE, blood

1387. **Halvorsen K:** Huggormbitt.
T Norsk Laegeforen 89:486-8, 1 Apr 69 (Nor)
*ADRENAL CORTEX HORMONES, therapeutic use/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LEG INJURIES, drug therapy/ *SNAKE BITES, drug therapy/ SNAKE BITES, physiopathology/ TIME FACTORS

1388. **Hamacher M, Mosebach KO:** Quantitative Bestimmung einiger Imidazolderivate im Urin von Schwangeren, Nichtschwangeren und Patientinnen mit schwangerschaftsbedingten Erkrankungen.
Hoppe Seyler Z Physiol Chem 350:603-8, May 69 (Ger)
ABORTION, THREATENED, urine/ ACETIC ACIDS/ ADULT/ CARBON ISOTOPES/ CHEMISTRY, CLINICAL/ ENGLISH ABSTRACT/ FEMALE/ *HISTIDINE, urine/ HUMAN/ *HYPEREMESIS GRAVIDARUM, urine/ *IMIDAZOLES, urine/ *KIDNEY DISEASES, urine/ LACTATES/ *PREGNANCY/ *PREGNANCY COMPLICATIONS, urine/ *PREGNANCY TOXEMIAS, urine/ SEX HORMONES, metabolism

1389. **Hamajima Y:** [Critique on the theory of autoimmunity]
Jap J Bact 24:87-102, Feb 69 (67 ref.) (Jap)
ANIMAL EXPERIMENTS/ ANTI-ANTIBODIES/ ANTIBODY FORMATION/ ANTIGENS/ ANTINUCLEAR FACTORS, analysis/ *AUTOANTIBODIES/ AUTOIMMUNE DISEASES/ DNA/ ESCHERICHIA COLI, immunology/ HUMAN/ IMMUNITY/ INTESTINE, LARGE, immunology/ LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology/ MUCIN/ NEPHRITIS, immunology/ REVIEW/ RHEUMATIC HEART DISEASE, immunology/ RHEUMATOID FACTOR/ SALIVA, immunology/ STREPTOCOCCUS PYOGENES, immunology/ THYROIDITIS, immunology

1390. **Hamasaki DI, Dodt E:** Light sensitivity of the lizard epiphysis cerebri. Pflueger Arch 307:R152, 1969
ANIMAL EXPERIMENTS/ EYE/ *LIGHT/ *LIZARDS, physiology/ *PINEAL BODY, physiology/ PINEAL BODY, radiation effects/ RADIATION EFFECTS

1391. **Hamburger JI:** Experience with thyroid malignancy in a private referral laboratory. Mich Med 68:575-80, Jun 69
ADENOMA, pathology/ ADOLESCENCE/ ADULT/ AGED/ CARCINOMA, pathology/ CHILD/ ETHACRYNIC ACID, therapeutic use/ FEMALE/ HUMAN/ IODINE, metabolism/ IODINE ISOTOPES, therapeutic use/ LYMPHOMA, pathology/ MALE/ MANNITOL, therapeutic use/ MIDDLE AGE/ NEOPLASM METASTASIS/ REFERRAL AND CONSULTATION/ *THYROID NEOPLASMS/ THYROID NEOPLASMS, mortality/ THYROID NEOPLASMS, pathology/ THYROID NEOPLASMS, radiotherapy/ THYROIDECTOMY/ THYROTROPIN, therapeutic use

1392. **Hamburger JI:** Normal ranges de-emphasized.
New Eng J Med 281:331, 7 Aug 69
HUMAN/ HYPERTHYROIDISM, diagnosis/ HYPOTHYROIDISM, diagnosis/ IODINE, metabolism/ *IODINE ISOTOPES, DIAGNOSTIC, metabolism/ SODIUM, metabolism/ *THYROID GLAND FUNCTION TESTS, standards

1393. **Hameister W:** Veränderungen im K- und Na-Gehalt von Bäckerhefe unter dem Einfluss von Polyen-Antibiotica.
Naunyn Schmiedeberg Arch Pharm Exp Path 260:133, 1968 (Ger)
ALKENES, pharmacodynamics/ *AMPHOTERICIN B, pharmacodynamics/ CALCIUM, metabolism/ CELL MEMBRANE PERMEABILITY, drug effects/ *NYSTATIN, pharmacodynamics/ *POTASSIUM, metabolism/ SACCHAROMYCES, drug effects/

*SACCHAROMYCES, metabolism/ *SODIUM, metabolism/ STIMULATION, CHEMICAL

1394. **Hamerton JL, Giannelli F, Collins F, et al:** Non-random x-inactivation in the female mule.
Nature (London) 222:1277-8, 28 Jun 69
ANIMAL EXPERIMENTS/ *DNA REPLICATION/ ELECTROPHORESIS/ FEMALE/ FIBROBLASTS, cytology/ GLUCOSEPHOSPHATE DEHYDROGENASE, analysis/ *HYBRIDIZATION/ KARYOTYPING/ LYMPHOCYTES, cytology/ PERISSODACTYLA/ *SEX CHROMOSOMES/ THYMIDINE, metabolism/ TISSUE CULTURE/ TRITIUM

1395. **Hamfelt A, Hahn L:** Pyridoxal phosphate concentration in plasma and tryptophan load test during pregnancy.
Clin Chim Acta 25:91-6, Jul 69
ADULT/ CHROMATOGRAPHY, THIN LAYER/ ESTROGENS, urine/ FEMALE/ HUMAN/ *PREGNANCY/ *PYRIDOXAL PHOSPHATE, blood/ TIME FACTORS/ *TRYPTOPHAN, metabolism/ *XANTHURENATES, urine

1396. **Hamilton CA:** "Mechanical" hemolytic anemia improved by corticosteroids. Patient with mitral insufficiency at the prosthetic valve in a case of Marfan's syndrome. Nebraska Med J 54:161-3, Mar 69
*ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ *ANEMIA, HEMOLYTIC, ACQUIRED, drug therapy/ ANEMIA, HEMOLYTIC, ACQUIRED, etiology/ *ANTIHISTAMINICS, therapeutic use/ ARACHNODACTYLY, complications/ FEMALE/ *HEART VALVE PROSTHESIS, adverse effects/ HUMAN/ *HYDROCORTISONE, therapeutic use/ MITRAL VALVE INSUFFICIENCY, complications/ MITRAL VALVE INSUFFICIENCY, surgery/ *PREDNISONE, therapeutic use

1397. **Hamilton CL:** Problems of refeeding after starvation in the rat. Ann NY Acad Sci 157:1004-17, 15 May 69
ANIMAL EXPERIMENTS/ APPETITE DISORDERS/ BLOOD SUGAR, analysis/ BODY TEMPERATURE/ BODY WEIGHT/ *FEEDING BEHAVIOR/ HEAT/ HYPOTHALAMUS, physiology/ MALE/ METHODS/ MOTOR ACTIVITY/ RATS/ *STARVATION/ TIME FACTORS

1398. **Hamilton JB, Walter RO, Daniel RM, et al:** Competition for mating between ordinary and supermale Japanese medaka fish. Anim Behav 17:168-76, Feb 69
ANIMAL EXPERIMENTS/ *COMPETITIVE BEHAVIOR/ FEMALE/ FISHES/ GENOTYPE/ MALE/ *SEX BEHAVIOR, ANIMAL/ *SEX CHROMOSOMES

1399. **Hamman BL, Martin MM:** Direct fluorescence quantitation on thin-layer chromatograms.
J Lab Clin Med 73:1042-8, Jun 69
*CHROMATOGRAPHY, THIN LAYER/ *CORTICOSTERONE, analysis/ *ESTROGENS, analysis/ *FLUOROMETRY/ *GELS/ HUMAN/ *HYDROCORTISONE, analysis/ INDICATORS AND REAGENTS/ METHODS/ QUININE, analysis/ SILICA/ SULFATES/ SULFURIC ACIDS

1400. **Hammerstein J:** Mode of action of clomiphene. I. Inhibitory effect of clomiphene citrate on the formation of progesterone from acetate-1-14C by human corpus luteum slices in vitro.
Acta Endocr (Kobenhavn) 60:635-44, Apr 69
*ACETATES, metabolism/ CARBON ISOTOPES/ *CLOMIPHENE, pharmacodynamics/ CORPUS LUTEUM, drug effects/ *CORPUS LUTEUM, metabolism/ DEPRESSION, CHEMICAL/ FEMALE/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ HUMAN/ IN VITRO/ *PROGESTERONE, biosynthesis/ PROGESTERONE, isolation & purification/ RADIOISOTOPE DILUTION TECHNIC/ STIMULATION, CHEMICAL

1401. **Hampton JK Jr, Levy BM, Sweet PM:** Chorionic gonadotropin excretion during pregnancy in the marmoset, Callithrix jacchus.
Endocrinology 85:171-4, Jul 69
ANIMAL EXPERIMENTS/ BODY WEIGHT/ FEMALE/ GEL DIFFUSION TESTS/ *GONADOTROPINS, CHORIONIC, urine/ HEMAGGLUTINATION INHIBITION TESTS/ *MONKEYS, physiology/ ORGAN WEIGHT/ OVARY/ PREGNANCY/ *PREGNANCY, ANIMAL/ PREGNANCY TESTS/ UTERUS

1402. **Handler JS, Preston AS, Orloff J:** The effect of aldosterone of glycolysis in the urinary bladder of the toad. J Biol Chem 244:3194-9, 25 Jun 69
*ALDOSTERONE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ *BLADDER, metabolism/ BLADDER, physiology/ DEPRESSION, CHEMICAL/ *GLYCOLYSIS, drug effects/ IN VITRO/ MEMBRANE POTENTIALS, drug effects/ METABOLISM, drug effects/ OUABAIN, pharmacodynamics/ OXIDATION-REDUCTION/ PHOSPHOFRUCTOKINASE, metabolism/ PYRUVATE KINASE, metabolism/ *SODIUM, metabolism/ STIMULATION, CHEMICAL/ TOADS

1403. **Handmaker H, Mehn WH:** Hemorrhage into spermatic cord and testicle simulating incarcerated inguinal hernia. An unusual complication of anticoagulation therapy. Illinois Med J 135:697-9, Jun 69
*BISHYDROXYCOUMARIN, adverse effects/ *HEMORRHAGE, diagnosis/ HUMAN/ *INGUINAL HERNIA, diagnosis/ MALE/ MIDDLE AGE/ *SPERMATIC CORD/ *TESTIS

1404. **Handwerger S, Roth J, Gorden P, et al:** Glucose intolerance in cystic fibrosis.
New Eng J Med 281:451-61, 28 Aug 69
ADOLESCENCE/ ADULT/ BLOOD SUGAR, analysis/ CHILD/ CYSTIC FIBROSIS, complications/ *CYSTIC FIBROSIS, metabolism/ CYSTIC FIBROSIS, pathology/ CYSTIC FIBROSIS, physiopathology/ DIABETES MELLITUS, etiology/ DIABETES MELLITUS, JUVENILE, metabolism/ GLUCAGON, diagnostic use/ GLUCOSE, administration & dosage/ *GLUCOSE, metabolism/ GLUCOSE TOLERANCE TEST/ HUMAN/ INSULIN, blood/ INSULIN, diagnostic use/ ISLANDS OF LANGERHANS, pathology/ ISLANDS OF LANGERHANS, physiopathology/ PANCREAS, pathology/ PHENTOLAMINE, diagnostic use/ SOMATOTROPIN, blood/ TOLBUTAMIDE, diagnostic use

1405. **Hanoune J, Feigelson P:** The absence of cortisone effect on the synthesis of specific histones and ribosomal protein subunits in liver.
Biochem Biophys Res Commun 34:215-20, 27 Jan 69
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ *CORTISONE, pharmacodynamics/ ELECTROPHORESIS/ ENZYME INDUCTION, drug effects/ *HISTONES, biosynthesis/ LEUCINE, metabolism/ LIVER, enzymology/ MICE/ RATS/ *RIBOSOMES, enzymology/ TRITIUM

1406. **Hanowski P, Kolb EH, Ströder J:** Uber den Orthophosphatgehalt in Leber, Muskulatur und Niere bei experimenteller Rachitis.
Z Ges Exp Med 148:238-41, 1968 (Ger)
ANIMAL EXPERIMENTS/ KIDNEY, analysis/ LIVER, analysis/ MUSCLES, analysis/ *PHOSPHATES, analysis/ RATS/ RICKETS, blood/ *RICKETS, metabolism

1407. **Hansky J:** A rapid oral isotopic test of calcium absorption. Gut 10:79, Jan 69
ADRENAL GLAND HYPOFUNCTION, metabolism/ *CALCIUM, metabolism/ CALCIUM, urine/ CALCIUM ISOTOPES/ CALCIUM METABOLISM DISORDERS, diagnosis/ HUMAN/ *INTESTINAL ABSORPTION/ KIDNEY DISEASES, metabolism

1408. **Hanyu I, Niwa H, Tamura T:** A slow potential from the epiphysis cerebri of fishes. Vision Res 9:621-3, May 69
ANIMAL EXPERIMENTS/

ELECTROPHYSIOLOGY/ *FISHES, physiology/ LIGHT/ *PINEAL BODY, physiology

1409. **Haran-Ghera N:** The mechanism of radiation action in leukemogenesis. 3. Thymolytic effect induced by the leukemogenic agent.
Israel J Med Sci 4:1169-80, Nov-Dec 68
ANIMAL EXPERIMENTS/ *CARCINOGENS, pharmacodynamics/ *LEUKEMIA, EXPERIMENTAL, chemically induced/ *LEUKEMIA, RADIATION-INDUCED/ MICE/ ORGAN WEIGHT/ *PRECANCEROUS CONDITIONS, chemically induced/ SPLEEN, transplantation/ *THYMUS GLAND, drug effects/ THYMUS GLAND, transplantation/ *THYMUS NEOPLASMS, chemically induced

1410. **Hardisty RM, McElwain TJ, Darby CW:** Vincristine and prednisone for the induction of remissions in acute childhood leukaemia. Brit Med J 2:662-5, 14 Jun 69
ACUTE DISEASE/ ALOPECIA, chemically induced/ CHILD/ CHILD, PRESCHOOL/ DRUG SYNERGISM/ GASTROINTESTINAL DISEASES, chemically induced/ HUMAN/ INFANT/ *LEUKEMIA, LYMPHOBLASTIC, drug therapy/ LEUKEMIA, MYELOBLASTIC, drug therapy/ MUSCULAR DISEASES, chemically induced/ NERVOUS SYSTEM DISEASES, chemically induced/ PREDNISONE, administration & dosage/ *VINCRISTINE, administration & dosage/ VINCRISTINE, adverse effects

1411. **Hare WS, Mackay IR:** Thymic size in systemic lupus erythematosus. Roentgenological assessment.
Arch Intern Med (Chicago) 124:60-3, Jul 69
ADOLESCENCE/ ADULT/ AGE FACTORS/ AZATHIOPRINE, pharmacodynamics/ AZATHIOPRINE, therapeutic use/ FEMALE/ HUMAN/ LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, radiography/ MALE/ MIDDLE AGE/ PNEUMOMEDIASTINUM, DIAGNOSTIC/ PREDNISOLONE, pharmacodynamics/ PREDNISOLONE, therapeutic use/ THYMUS GLAND, anatomy & histology/ THYMUS GLAND, drug effects/ THYMUS GLAND, pathology/ *THYMUS GLAND, radiography/ TOMOGRAPHY

1412. **Harichaux P, Moline J:** Effets directs et indirects des peptides post-hypophysaires sur la broncho-motricité chez le cobaye.
J Physiol (Paris) 59:Suppl:243, 1967 **(Fre)**
ANIMAL EXPERIMENTS/ *BRONCHI/ BRONCHI, drug effects/ EPINEPHRINE, pharmacodynamics/ GUINEA PIGS/ LYSINE, pharmacodynamics/ OXYTOCIN, pharmacodynamics/ *PEPTIDES/ *PITUITARY HORMONES, POSTERIOR/ STIMULATION, CHEMICAL/ VASOPRESSIN, pharmacodynamics

1413. **Harnapp GO:** Probleme der Rachitisprophylaxe in der DDR. Deutsch Gesundh 23:2367-9, 12 Dec 68 **(Ger)**
ENGLISH ABSTRACT/ GERMANY, EAST/ HUMAN/ INFANT/ INFANT, NEWBORN/ *RICKETS, prevention & control/ VITAMIN D, administration & dosage/ VITAMIN D, adverse effects

1414. **Harper MJ:** Pharmacological control of reproduction in women.
Fortschr Arzneimittelforsch 12:47-136, 1968 (748 ref.)
ANDROGENS, pharmacodynamics/ ANIMAL EXPERIMENTS/ CHEMISTRY/ CONTRACEPTIVE AGENTS/ CONTRACEPTIVE DEVICES/ CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ ESTROGENS, pharmacodynamics/ FEMALE/ FERTILITY, drug effects/ FERTILIZATION, drug effects/ GONADOTROPINS, pharmacodynamics/ GUINEA PIGS/ HUMAN/ INTRAUTERINE DEVICES/ MALE/ MICE/ NIDATION/ *OVULATION, drug effects/ OVUM, growth & development/ POPULATION CONTROL/ PREGNANCY/ PROGESTATIONAL HORMONES, pharmacodynamics/ RABBITS/ RATS/ REVIEW/ SHEEP/ SPERMATOZOA, drug effects/ STERILITY, drug therapy/ TRANQUILIZING AGENTS, pharmacodynamics

1415. **Harper PV, Paloyan D:** Thyroid carcinoma associated with radiation therapy.
Surg Clin N Amer 49:57-60, Feb 69
ADENOCARCINOMA, etiology/ ADOLESCENCE/ ADULT/ AGE FACTORS/ CARCINOMA, etiology/ CHILD/ FEMALE/ HUMAN/ MALE/ NEOPLASM METASTASIS/ *NEOPLASMS, RADIATION-INDUCED/ *RADIOTHERAPY, adverse effects/ RADIOTHERAPY DOSAGE/ SEX FACTORS/ *THYROID NEOPLASMS, etiology/ THYROID NEOPLASMS, surgery

1416. **Harris BP:** Cancer of the breast and lactation.
Canad Med Ass J 100:917, 17 May 69
AFRICA/ *BREAST NEOPLASMS, occurrence/ ESKIMOS/ ETHNIC GROUPS/ FEMALE/ HUMAN/ *LACTATION/ PREGNANCY

1417. **Harris M:** The cellular infiltrate in Hashimoto's disease and focal lymphocytic thyroiditis.
J Clin Path 22:326-33, May 69
HUMAN/ LYMPHOCYTES/ MICROSCOPY, ELECTRON/ PLASMA CELLS/ THYROIDITIS, classification/ *THYROIDITIS, pathology/ *THYROIDITIS, LYMPHOMATOUS, pathology

1418. **Harrison HC, Harrison HE:** Calcium transport by rat colon in vitro. Amer J Physiol 217:121-5, Jul 69
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, ACTIVE/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ CELL MEMBRANE PERMEABILITY/ *COLON, metabolism/ IN VITRO/ INTESTINAL ABSORPTION/ INTESTINAL MUCOSA, metabolism/ METHODS/ RATS/ SODIUM, pharmacodynamics/ VITAMIN D, pharmacodynamics

1419. **Harrison M, McGill JI:** Transient neurological distrubances in disseminated sclerosis: a case report.
J Neurol Neurosurg Psychiat 32:230-2, Jun 69
ADULT/ ATAXIA, drug therapy/ *ATAXIA, etiology/ CARBAMAZEPINE, therapeutic use/ CORTICOTROPIN, therapeutic use/ ELECTROENCEPHALOGRAPHY/ HANDWRITING/ HUMAN/ MALE/ *MULTIPLE SCLEROSIS, complications/ MULTIPLE SCLEROSIS, drug therapy/ SPEECH DISORDERS, drug therapy/ *SPEECH DISORDERS, etiology

1420. **Hart CT:** Air and contrast orbital tomography.
Trans Ophthal Soc UK 87:385-93, 1967
ADULT/ *AIR/ CHILD, PRESCHOOL/ *CONTRAST MEDIA/ EMPHYSEMA, diagnosis/ EXOPHTHALMOS, radiography/ EYELIDS/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ NEOPLASM METASTASIS/ NEUROBLASTOMA, diagnosis/ ORBIT, injuries/ *ORBIT, radiography/ ORBITAL NEOPLASMS, radiography/ PROSTATIC NEOPLASMS/ *TOMOGRAPHY/ TOMOGRAPHY, adverse effects

1421. **Hart FD:** Arthropathies and allied disorders.
Brit Med J 2:675-7, 14 Jun 69
ADULT/ ANALGESICS AND ANTIPYRETICS, therapeutic use/ ARTHRITIS, etiology/ ARTHRITIS, INFECTIOUS, microbiology/ ARTHRITIS, RHEUMATOID/ CONTRACEPTIVES, ORAL, adverse effects/ DIET/ FEMALE/ GOUT, metabolism/ HUMAN/ *JOINT DISEASES/ JOINT DISEASES, drug therapy/ JOINT DISEASES, etiology/ LE CELLS/ MALE/ MIDDLE AGE/ REITER'S DISEASE, etiology/ RHEUMATIC FEVER, etiology/ RHEUMATISM, etiology/ VIRUSES/ WOUNDS AND INJURIES, complications

1422. **Hart PG:** Behandeling van klachten in het climacterium.
Nederl T Geneesk 113:1062-4, 14 Jun 69 **(Dut)**
CLIMACTERIC/ *ESTROGENS, therapeutic use/ FEMALE/ HUMAN/ *MENOPAUSE

1423. **Hartel J:** Das Ostrogendefizit und seine Probleme in therapeutischer Sicht.
Med Mschr 22:513-5, Nov 68 (Ger)
ADULT/ AGED/ *CLIMACTERIC/ *ESTRIOL, therapeutic use/ FEMALE/ HUMAN/ KRAUROSIS VULVAE, drug therapy/ MIDDLE AGE/ VAGINITIS, drug therapy

1424. **Hartig W:** Die Behandlung allgemeiner Kräfte- und Ernährungsmängel in der Chirurgie.
Z Aerztl Fortbild (Jena) 63:286-92, 1 Mar 69 (Ger)
CHOLECYSTECTOMY, adverse effects/ DIET THERAPY/ DIETARY FATS, metabolism/ DIETARY PROTEINS, metabolism/ *FATIGUE/ FRACTURE FIXATION/ GASTRECTOMY, adverse effects/ HUMAN/ *NUTRITION DISORDERS/ PARENTERAL FEEDING/ POSTOPERATIVE CARE/ PREOPERATIVE CARE/ SERUM ALBUMIN, analysis/ *SURGERY, OPERATIVE/ THYROIDECTOMY, adverse effects

1425. **Hartmann A, Heinemann H, Sturm V:** Die Wirkung von Medazepam auf Schwellen subcorticaler Reizantworten gemessen an unnarkotisierten, frei beweglichen Katzen.
Pflueger Arch 307:R121, 1969 (Ger)
AMYGDALOID BODY, drug effects/ *AMYGDALOID BODY, physiology/ ANIMAL EXPERIMENTS/ CATS/ *EVOKED POTENTIALS, drug effects/ SLEEP/ STIMULATION, CHEMICAL/ THALAMUS, drug effects/ *THALAMUS, physiology/ WAKEFULNESS

1426. **Hartree AS, Cunningham FJ:** Purification of chicken pituitary follicle-stimulating hormone and luteinizing hormone. J Endocr 43:609-16, Apr 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CHEMISTRY, ANALYTICAL/ CHICKENS/ CHROMATOGRAPHY, ION EXCHANGE/ *FSH, isolation & purification/ HEMAGGLUTINATION INHIBITION TESTS/ HORSES/ HUMAN/ IMMUNOASSAY/ *LH, isolation & purification/ PITUITARY GLAND/ TISSUE EXTRACTS

1427. **Hartree AS, Langslow DR, Hales CN:** Lipolysis in chicken adipose tissue: a correction.
J Endocr 44:287-8, Jun 69
*ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ CHICKENS/ *LIPIDS, metabolism/ PITUITARY GLAND, analysis/ TISSUE EXTRACTS, analysis

1428. **Hartroft PM, Bischoff MB, Bucci TJ:** Effects of chronic exposure to high altitude on the juxtaglomerular complex and adrenal cortex of dogs, rabbits and rats.
Fed Proc 28:1234-7, May-Jun 69
ADRENAL GLANDS, cytology/ *ADRENAL GLANDS, physiology/ *ALTITUDE/ ANIMAL EXPERIMENTS/ DOGS/ ENVIRONMENTAL EXPOSURE/ ERYTHROPOIETIN, physiology/ FEMALE/ HEMATOCRIT/ JUXTAGLOMERULAR APPARATUS, cytology/ *JUXTAGLOMERULAR APPARATUS, physiology/ MALE/ RABBITS/ RATS/ RENIN, physiology/ SEX FACTORS

1429. **Hashmi MH, Chughtai FR, Chughtai MI:** Semiquantitative determination of fat-soluble vitamins by circular thin-layer chromatography.
Mikrochim Acta 1:53-8, 1969
CHROMATOGRAPHY, THIN LAYER/ VITAMIN A, analysis/ VITAMIN D, analysis/ VITAMIN E, analysis/ VITAMIN K, analysis/ *VITAMINS, analysis

1430. **Hatcher RA, Tiller MJ:** Acceleration of a public health department family planning program: referral from well baby clinics in Muscogee County, Georgia.
Amer J Public Health 59:1217-25, Jul 69
ADOLESCENCE/ ADULT/ AGE FACTORS/ APPOINTMENTS AND SCHEDULES/ ATTITUDE TO HEALTH/ *CHILD HEALTH SERVICES/ CONTRACEPTION, utilization/ CONTRACEPTIVES, ORAL/ *FAMILY PLANNING/ FEMALE/ GEORGIA/ HUMAN/ INTRAUTERINE DEVICES, utilization/ PUBLIC HEALTH NURSING/ *REFERRAL AND CONSULTATION

1431. **Hatefi Y, Hanstein WG:** Solubilization of particulate proteins and nonelectrolytes by chaotropic agents.
Proc Nat Acad Sci USA 62:1129-36, Apr 69
CELL MEMBRANE/ *CHLORIDES/ HYDROGEN-ION CONCENTRATION/ PROTEIN DENATURATION/ *PROTEINS/ *SOLUBILITY/ TEMPERATURE/ THERMODYNAMICS/ THIOCYANATES/ WATER

1432. **Hati RN, Datta AG:** Studies on the enzymic formation of di-iodotyrosine by a microsomal preparation of goat submaxillary gland. J Endocr 44:177-85, Jun 69
ANIMAL EXPERIMENTS/ BILE ACIDS AND SALTS, pharmacodynamics/ COPPER, pharmacodynamics/ *DIIODOTYROSINE, biosynthesis/ GOATS/ HYDROGEN PEROXIDE, pharmacodynamics/ IN VITRO/ IRON, pharmacodynamics/ MANGANESE, pharmacodynamics/ *MICROSOMES, enzymology/ *SUBMANDIBULAR GLAND, metabolism/ THIOURACIL, pharmacodynamics/ THIOUREA, pharmacodynamics

1433. **Haubold U, Karl HJ, Frey KW:** Präoperative szintigraphische Lokalisation von Nebenschilddrüsenadenomen mit 75Se-Selenmethionin.
Munchen Med Wschr 110:1011-9, 19 Apr 68 (Ger)
ADULT/ AGED/ FEMALE/ HUMAN/ *HYPERPARATHYROIDISM, diagnosis/ HYPERPARATHYROIDISM, surgery/ MALE/ *METHIONINE, diagnostic use/ METHODS/ MIDDLE AGE/ *RADIOISOTOPE SCANNING/ *SELENIUM

1434. **Haugaard N, Haugaard ES, Lee NH:** Role of magnesium, phosphate and ATP in the regulation of calcium uptake by rat-liver mitochondria.
Proc Kon Nederl Akad Wet [Biol Med] 72:1-15, 1969
*ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTIMETABOLITES, pharmacodynamics/ *CALCIUM, metabolism/ GLUTAMATES, pharmacodynamics/ *MAGNESIUM, pharmacodynamics/ METHODS/ *MITOCHONDRIA, LIVER, metabolism/ OLIGOMYCIN, pharmacodynamics/ *PHOSPHATES, pharmacodynamics/ POTASSIUM, pharmacodynamics/ RATS/ ROTENONE, pharmacodynamics/ SODIUM, pharmacodynamics

1435. **Haugen HN, Froyshov J:** Diabetes insipidus.
T Norsk Laegeforen 89:736-7, 15 May 69 (Nor)
*ANTIDIABETICS, therapeutic use/ CHLORPROPAMIDE, administration & dosage/ *DIABETES INSIPIDUS, drug therapy/ ENGLISH ABSTRACT/ HUMAN/ INJECTIONS, INTRAMUSCULAR/ TANNINS, therapeutic use/ VASOPRESSIN, therapeutic use

1436. **Hauger-Klevene JH, Brown H, Fleischer N:** ACTH stimulation and glucocorticoid inhibition of renin release in the rat.
Proc Soc Exp Biol Med 131:539-42, Jun 69
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *CORTICOSTERONE, blood/ *GLUCOCORTICOIDS, pharmacodynamics/ INJECTIONS, SUBCUTANEOUS/ *JUXTAGLOMERULAR APPARATUS, drug effects/ MALE/ RATS/ RENIN, blood/ *RENIN, metabolism

1437. **Haviar V, Rival J:** Moznosti ovplyvnenia arymií tyreotoxickej genézy kardioverziou.
Vnitrni Lek 15:476-80, May 69 (Slo)
*ARRHYTHMIA, therapy/ AURICULAR FIBRILLATION, therapy/ *ELECTRIC COUNTERSHOCK/ ENGLISH ABSTRACT/ FOLLOW-UP STUDIES/ HUMAN/ *HYPERTHYROIDISM, complications/ HYPNOTICS AND SEDATIVES, therapeutic use/ IODINE ISOTOPES, DIAGNOSTIC/ METHODS/ QUINIDINE, therapeutic use/ THYROID DISEASES, diagnosis

1438. **Havran RT, Du Vigneaud V:** The structure of acetone-lysine-vasopressin as established through its synthesis from the acetone derivative of S-benzyl-L-cysteinyl-L-tyrosine.
J Amer Chem Soc 91:2696-8, 7 May 69
CHEMISTRY/ *VASOPRESSIN/ VASOPRESSIN, chem synthesis

1439. **Havran RT, Du Vigneaud V:** The synthesis and pharmacological properties of [2-isoleucine]-8-lysine-vasopressin and its 1-deamino analog. J Amer Chem Soc 91:3626-8, 18 Jun 69
ANIMAL EXPERIMENTS/ RATS/ *VASOPRESSIN, chem synthesis/ *VASOPRESSIN, pharmacodynamics

1440. **Heap RB:** The binding of plasma progesterone in pregnancy. J Reprod Fertil 18:546-8, Apr 69
ANIMAL EXPERIMENTS/ CORTICOSTERONE/ FEMALE/ GUINEA PIGS/ HUMAN/ METABOLIC CLEARANCE RATE/ *PREGNANCY/ *PROGESTERONE, blood/ PROGESTERONE, metabolism/ PROTEIN BINDING/ TRITIUM

1441. **Hecht F, Nievaard JE, Duncanson N, et al:** Double aneuploidy: the frequency of XXY in males with Down's syndrome. Amer J Hum Genet 21:352-9, Jul 69
ADOLESCENCE/ ADULT/ *ANEUPLOIDY/ CHILD/ CHILD, PRESCHOOL/ CYTOGENETICS/ FEMALE/ HUMAN/ KARYOTYPING/ KLINEFELTER'S SYNDROME, diagnosis/ KLINEFELTER'S SYNDROME, familial & genetic/ MALE/ MATERNAL AGE/ *MONGOLISM, familial & genetic/ PHENOTYPE/ SEX CHROMATIN/ *SEX CHROMOSOMES

1442. **Hecht SM, Gupta AS, Leonard NJ:** Position of uridine thiation: the identification of minor nucleosides from transfer RNA by mass spectrometry.
Biochim Biophys Acta 182:444-8, 17 Jun 69
*RNA, SOLUBLE, analysis/ SPECTRUM ANALYSIS/ *SULFUR/ THIOURACIL/ *URIDINE

1443. **Hecker WC:** Behandlung des Kryptorchismus in der Pubertät. Med Klin 64:563-4, 21 Mar 69 (Ger)
ADOLESCENCE/ AGE FACTORS/ CRYPTORCHISM, drug therapy/ CRYPTORCHISM, surgery/ *CRYPTORCHISM, therapy/ GONADOTROPINS, CHORIONIC, therapeutic use/ HUMAN/ MALE/ *PUBERTY

1444. **Hecker WC, Popp H:** Zur behandlung des kindlichen Leistenbruchs. Erfahrungen bei 2502 Fällen.
Bruns Beitr Klin Chir 216:687-92, Dec 68 (Ger)
CRYPTORCHISM, surgery/ FEMALE/ HUMAN/ INFANT/ INGUINAL HERNIA, mortality/ *INGUINAL HERNIA, surgery/ MALE/ METHODS/ POSTOPERATIVE COMPLICATIONS

1445. **Hedge GA, Smelik PG:** The action of dexamethasone and vasopressin on hypothalamic CRF production and release. Neuroendocrinology 4:242-53, 1969
ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ CORTICOTROPIN RELEASING FACTOR, biosynthesis/ *CORTICOTROPIN RELEASING FACTOR, metabolism/ *DEXAMETHASONE, pharmacodynamics/ FEEDBACK/ FEMALE/ HANDLING (PSYCHOLOGY)/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ *HYPOTHALAMUS, metabolism/ NEURONS, metabolism/ PENTOBARBITAL, pharmacodynamics/ PITUITARY-ADRENAL SYSTEM/ RATS/ STEREOTAXIC TECHNICS/ STRESS, metabolism/ *VASOPRESSIN, pharmacodynamics

1446. **Hegglin R, Turina M, Krayenbühl HP:** Ist die energetisch-dynamische Herzinsuffizienz nur ein Syndrom?
Schweiz Med Wschr 99:693-8, 10 May 69 (Ger)
ADULT/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ CALCIUM, metabolism/ *CARDIAC OUTPUT, drug effects/ CARDIAC VOLUME, drug effects/ DOGS/ ELECTROCARDIOGRAPHY/ FEMALE/ *HEART, drug effects/ *HEART FAILURE, CONGESTIVE, etiology/ HEART FAILURE, CONGESTIVE, metabolism/ HEART RATE, drug effects/ HUMAN/ MODELS, BIOLOGIC/ MYOCARDIUM, metabolism/ POTASSIUM, metabolism/ *SODIUM CHLORIDE, pharmacodynamics

1447. **Hegner D:** Kationenabhängige Membran-ATPasen in lysosomalen granula aus polymorphkernigen Rinderleukocyten.
Naunyn Schmiedeberg Arch Pharm Exp Path 263:406-16, 1969 (Ger)
ADENOSINE TRIPHOSPHATASE, antagonists & inhibitors/ *ADENOSINE TRIPHOSPHATASE, blood/ ANIMAL EXPERIMENTS/ CALCIUM/ CATTLE/ DINITROPHENOLS, pharmacodynamics/ DIURETICS, MERCURIAL, pharmacodynamics/ ENGLISH ABSTRACT/ HYDROCORTISONE, pharmacodynamics/ LEUKOCYTES, cytology/ *LEUKOCYTES, enzymology/ *LYSOSOMES, enzymology/ MAGNESIUM/ *MEMBRANES, enzymology/ MICROSCOPY, ELECTRON/ OUABAIN, pharmacodynamics/ OXYPHENBUTAZONE, pharmacodynamics/ PEPTIDES, pharmacodynamics/ PERMEABILITY/ PHOSPHOLIPASE, pharmacodynamics/ PROMETHAZINE, pharmacodynamics/ SALICYLIC ACID, pharmacodynamics

1448. **Heide M:** Pathogenetische Gesichtspunkte der Fettsucht. Ther Gegenw 107:43-4 passim, Jan 68 (Ger)
*DIET/ *ENDOCRINE DISEASES, complications/ *ENVIRONMENT/ HUMAN/ *OBESITY, etiology/ OBESITY, familial & genetic

1449. **Heidtke P:** Don Quijoterie--ein Aspekt der männlichen Verwahrlosung.
Prax Kinderpsychol 18:66-71, Feb-Mar 69 (Ger)
ADOLESCENCE/ CHILD PSYCHIATRY/ CHILD PSYCHOLOGY/ *CHILD WELFARE/ EDUCATION, SPECIAL/ EGO/ HUMAN/ *JUVENILE DELINQUENCY/ MALE/ MOTHER-CHILD RELATIONS/ PSYCHOANALYTIC INTERPRETATION/ PUBERTY

1450. **Heilman DH:** Combined action of adrenal cortical hormones and endotoxin on cells of the reticuloendothelial system.
Int Arch Allerg 35:591-602, 1969
*ADRENAL CORTEX HORMONES, pharmacodynamics/ ANIMAL EXPERIMENTS/ ASPIRIN, pharmacodynamics/ CHICK EMBRYO/ CHLOROQUINE, pharmacodynamics/ CORTISONE, pharmacodynamics/ DRUG ANTAGONISM/ *ENDOTOXINS, pharmacodynamics/ FIBROBLASTS, drug effects/ HYDROCORTISONE, pharmacodynamics/ LUNG/ MACROPHAGES, drug effects/ PREDNISOLONE, pharmacodynamics/ RABBITS/ *RETICULOENDOTHELIAL SYSTEM, drug effects/ SPLEEN/ TISSUE CULTURE

1451. **Heimann P:** Pathophysiological aspects on surgical treatment of thyroid disease.
Progr Surg 7:1-55, 1969 (370 ref.)
ADULT/ ANTI-INFECTIVE AGENTS, therapeutic use/ FEMALE/ GOITER, diagnosis/ GOITER, drug therapy/ GOITER, physiopathology/ GOITER, radiotherapy/ *GOITER, surgery/ HUMAN/ HYPERTHYROIDISM, diagnosis/ HYPERTHYROIDISM, drug therapy/ HYPERTHYROIDISM, physiopathology/ HYPERTHYROIDISM, radiotherapy/ *HYPERTHYROIDISM, surgery/ HYPOPARATHYROIDISM, complications/ IODINE ISOTOPES, therapeutic use/ MALE/ MIDDLE AGE/ REVIEW/ THYROID ANTAGONISTS, therapeutic use/ *THYROID DISEASES, physiopathology/ THYROID GLAND FUNCTION TESTS/ THYROID HORMONES, therapeutic use/ THYROID NEOPLASMS, classification/ THYROID NEOPLASMS, diagnosis/ THYROID

NEOPLASMS, drug therapy/ THYROID NEOPLASMS, radiotherapy/ THYROID NEOPLASMS, surgery/ THYROIDECTOMY/ THYROIDITIS, diagnosis/ THYROIDITIS, drug therapy/ THYROIDITIS, physiopathology/ *THYROIDITIS, surgery

1452. **Heinemann H, Sturm V, Hartmann A:** Der Einfluss limbischer Strukturen auf den Blutdruck, die Herz-frequenz und das Verhalten von wachen, unnarkotisierten Katzen.
Pflueger Arch 307:R124-5, 1969 **(Ger)**
*AMYGDALOID BODY, physiology/ ANIMAL EXPERIMENTS/ *BEHAVIOR, ANIMAL/ *BLOOD PRESSURE/ CATS/ *CEREBRAL VENTRICLES, physiology/ ELECTRIC STIMULATION/ FEEDING BEHAVIOR/ *HEART RATE/ *LIMBIC SYSTEM, physiology/ MOTOR ACTIVITY

1453. **Heinrich K:** Ionenstoffwechsel des gesunden und des insuffizienten Herzens.
Med Klin 64:819-22, 2 May 69 (38 ref.) **(Ger)**
ACTION POTENTIALS/ ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ CARDIAC GLYCOSIDES, pharmacodynamics/ CELL MEMBRANE, metabolism/ *CHLORIDES, metabolism/ DEPRESSION, CHEMICAL/ *HEART FAILURE, CONGESTIVE, metabolism/ HUMAN/ ION EXCHANGE/ *MYOCARDIUM, metabolism/ *POTASSIUM, metabolism/ REVIEW/ *SODIUM, metabolism/ SYMPATHOLYTICS, pharmacodynamics

1454. **Heinze E, Kiese M:** N-Hydroxylierung von Anilin und N-Athylanilin durch Mikrosomen aus verschiedenen Geweben des Schweines.
Naunyn Schmiedeberg Arch Pharm Exp Path 260:138-9, 1968 **(Ger)**
*ANILINE COMPOUNDS, metabolism/ ANIMAL EXPERIMENTS/ BLADDER, cytology/ *BLADDER, metabolism/ CHLOROMERCURIBENZOATES, pharmacodynamics/ CORPUS LUTEUM, cytology/ *CORPUS LUTEUM, metabolism/ ETHYLMALEIMIDE, pharmacodynamics/ KIDNEY, cytology/ *KIDNEY, metabolism/ LIVER, cytology/ *LIVER, metabolism/ *MICROSOMES, metabolism/ OVARY, cytology/ *OVARY, metabolism/ PANCREAS, cytology/ *PANCREAS, metabolism/ QUINOLINES, pharmacodynamics/ SEMICARBAZIDES, pharmacodynamics/ SPLEEN, cytology/ *SPLEEN, metabolism/ SWINE/ TESTIS, cytology/ *TESTIS, metabolism

1455. **Heiss H:** Probleme der modernen Geburtenregelung.
Wien Med Wschr 119:316-22, 26 Apr 69 **(Ger)**
AUSTRIA/ CATHOLICISM/ CONTRACEPTION/ CONTRACEPTIVES, ORAL/ ETHICS, MEDICAL/ *FAMILY PLANNING/ FEMALE/ HUMAN/ INTRAUTERINE DEVICES/ MALE/ NIDATION, prevention & control/ OVULATION, prevention & control

1456. **Hekmatpanah J:** Pituitary tumors.
Surg Clin N Amer 49:163-78, Feb 69
CEREBRAL ANGIOGRAPHY/ CRANIOPHARYNGIOMA/ FEMALE/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ 17-KETOSTEROIDS, urine/ MALE/ *PITUITARY NEOPLASMS/ PITUITARY NEOPLASMS, complications/ PITUITARY NEOPLASMS, diagnosis/ PITUITARY NEOPLASMS, therapy/ PNEUMOENCEPHALOGRAPHY/ SKULL, radiography/ SOMATOTROPIN, blood/ VISION DISORDERS, etiology/ VISUAL FIELDS

1457. **Held F:** Die puberalen Dyskrinien.
Acta Paedopsychiat (Basel) 35:286-9, Oct 68 **(Ger)**
ADOLESCENCE/ DIAGNOSIS, DIFFERENTIAL/ *ENDOCRINE DISEASES, diagnosis/ ENDOCRINE GLANDS, abnormalities/ HUMAN/ PSYCHOPHYSIOLOGIC DISORDERS, diagnosis/ *PUBERTY

1458. **Heller W:** Untersuchungen zur Biochemie, Ultrafeinstruktur und hinsichtlich gelenkter Grenzflächenvorgänge an normalen und pathologisch veränderten Knochen.
Med Welt 42:2299-302, 19 Oct 68 **(Ger)**
AMINO ACIDS, analysis/ BIOCHEMISTRY/ *BONE AND BONES, anatomy & histology/ *COLLAGEN, analysis/ HISTOCYTOCHEMISTRY/ HUMAN/ *OSTEOPOROSIS, pathology

1459. **Helpap B, Hempel K:** Autoradiographische Untersuchungen mit 3H-DOPA zum Catecholamin-Stoffwechsel des Karotiskörperchens.
Verh Deutsch Ges Path 52:464-9, 1968 **(Ger)**
ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ CAROTID BODY, cytology/ *CAROTID BODY, metabolism/ *CATECHOLAMINES, metabolism/ DOPA/ ENGLISH ABSTRACT/ RADIOAUTOGRAPHY/ RATS/ TIME FACTORS/ TRITIUM

1460. **Hemingway RG, Ritchie NS:** Magnesium alloy bullets for suckling calves. Vet Rec 84:465-7, 3 May 69
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ CALCIUM, blood/ CATTLE/ *CATTLE DISEASES, prevention & control/ MAGNESIUM, administration & dosage/ MAGNESIUM, blood/ *MAGNESIUM, therapeutic use/ MAGNESIUM DEFICIENCY, prevention & control/ RUMEN/ TETANY, prevention & control/ *TETANY, veterinary

1461. **Hempel HC, Grimm J, Siegert E:** Klinisch-morphologische und therapeutische Gesichtspunkte bei neoplastischer Reticulose im Kindesalter.
Mschr Kinderheilk 116:588-93, Nov 68 **(Ger)**
ADOLESCENCE/ BONE MARROW EXAMINATION/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INFANT/ LETTERER-SIWE DISEASE, blood/ LETTERER-SIWE DISEASE, drug therapy/ *LETTERER-SIWE DISEASE, pathology/ MALE/ *PREDNISONE, therapeutic use/ RETICULOENDOTHELIAL SYSTEM, pathology/ *TRIAZIQUONE, therapeutic use

1462. **Hemsworth BN:** Effect of alkane sulphonic esters on ovarian development and function in the rat.
J Reprod Fertil 18:15-20, Feb 69
*ALKANES, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ ESTERS/ FEMALE/ FERTILITY, drug effects/ FETUS, drug effects/ *OVARY, drug effects/ OVARY, growth & development/ OVARY, pathology/ OVARY, physiology/ PREGNANCY/ RATS/ *STERILITY, FEMALE, chemically induced/ STERILITY, FEMALE, pathology/ *SULFONIC ACIDS, pharmacodynamics

1463. **Henderson JW:** Eye changes with thyroid disease.
Postgrad Med 45:96-9, May 69
CONJUNCTIVA/ CORNEA, pathology/ *EYE DISEASES, etiology/ EYELIDS/ GLAUCOMA, etiology/ *GOITER, EXOPHTHALMIC, complications/ HUMAN/ *HYPERTHYROIDISM, complications/ *HYPOTHYROIDISM, complications/ MYXEDEMA, complications

1464. **Henet J, Henocq A, Morin C:** Trisomie 21 partielle.
Presse Med 77:169-70, 25 Jan 69 **(Fre)**
DERMATOGLYPHICS/ ERYTHROCYTES/ FEMALE/ HUMAN/ INFANT/ KARYOTYPING/ PHENOTYPE/ PREGNANCY/ SEX CHROMATIN/ SEX CHROMOSOMES/ SWEAT/ *TRISOMY

1465. **Hennessy TG, Kinnear JE:** Inhibition of erythropoietin stimulation of erythropoiesis by cortisone. UCLA-12-686.
US AEC UCLA Sch Med Lab Nucl Med 82-3, 30 Jun 68
ANIMAL EXPERIMENTS/ *ERYTHROPOIESIS, drug effects/ *ERYTHROPOIETIN, antagonists & inhibitors/ *HYDROCORTISONE, pharmacodynamics

1466. **Henning H:** Klinik und Behandlung der Adipositas.
Deutsch Med J 19:421-5, 5 Jun 68 (44 ref.) **(Ger)**
*ADIPOSE TISSUE/ APPETITE DISORDERS/ HUMAN/ HYPOTHALAMUS, physiopathology/ LIPIDS, metabolism/ METABOLISM, INBORN

ERRORS/ NITROGEN, metabolism/ *OBESITY/ OBESITY, therapy/ REVIEW

1467. **Henricks DM, Oxenreider SL, Anderson LL:** Ovarian function after hypophysial stalk transection in the cow. Amer J Physiol 216:1213-8, May 69
ANIMAL EXPERIMENTS/ CATTLE/ CORPUS LUTEUM, analysis/ CORPUS LUTEUM, physiology/ ESTRUS/ FEMALE/ HYPOPHYSECTOMY/ HYSTERECTOMY/ *OVARY, physiology/ *PITUITARY GLAND, physiology/ PROGESTERONE, analysis/ PROGESTERONE, blood/ UTERUS, physiology

1468. **Hepp H:** Medizinische und ärztliche Probleme durch neue Methoden der Empfängnisregelung. Hippokrates 38:842-8, 15 Nov 67 (Ger)
*CONTRACEPTIVES, ORAL/ ETHICS, MEDICAL/ *FAMILY PLANNING/ *INTRAUTERINE DEVICES/ PREGNANCY

1469. **Heppner GH, Wood PC, Weiss DW:** Studies on the role of the thymus in viral tumorigenesis. II. Effect of thymectomy on induction of hyperplastic alveolar nodules in BALB-c mice infected with mammary tumor virus at various ages.
Israel J Med Sci 4:1204-9, Nov-Dec 68
ANIMAL EXPERIMENTS/ FEMALE/ HORMONES, pharmacodynamics/ *MAMMARY NEOPLASMS, EXPERIMENTAL, physiopathology/ MICE/ *MOUSE TUMOR VIRUSES/ *NEOPLASMS, EXPERIMENTAL, immunology/ PRECANCEROUS CONDITIONS/ THYMECTOMY/ *THYMUS GLAND, physiopathology

1470. **Herberg LJ, Blundell JE:** Epileptiform seizures and the rat's choice of stimulus duration in electrical self-stimulation.
J Comp Physiol Psychol 67:442-7, Apr 69
ANIMAL EXPERIMENTS/ CONSUMMATORY BEHAVIOR/ *CONVULSIONS/ *ELECTRIC STIMULATION/ ELECTRODES/ ELECTROSHOCK/ *HYPOTHALAMUS, physiology/ RATS/ *SELF STIMULATION/ STARTLE REACTION/ TIME FACTORS

1471. **Herberg LJ, Tress KH, Blundell JE:** Raising the threshold in experimental epilepsy by hypothalamic and septal stimulation and by audiogenic seizures.
Brain 92:313-28, 1969
ANIMAL EXPERIMENTS/ *CEREBRAL VENTRICLES, physiopathology/ *CONVULSIONS, physiopathology/ ELECTRIC STIMULATION/ ELECTRODES/ HANDLING (PSYCHOLOGY)/ *HYPOTHALAMUS, physiopathology/ MALE/ RATS/ SELF STIMULATION/ SOUND/ STEREOTAXIC TECHNICS/ TIME FACTORS

1472. **Herbert IV, Lean IJ, Nickson EW:** Dietary factors and the production of Oesophagostomun sp. ova in breeding pits. Vet Rec 84:569-70, 7 Jun 69
ANIMAL EXPERIMENTS/ ANIMAL FEED/ *DIET/ DIETARY CARBOHYDRATES, metabolism/ FECES/ FEMALE/ LACTATION/ PREGNANCY/ *PREGNANCY, ANIMAL/ STRONGYLOIDES, metabolism/ *STRONGYLOIDIASIS, veterinary/ *SWINE DISEASES

1473. **Herbrandson HF, Wood RH:** Cyclic disulfides. II. 1,2-Dithiepan-5-amine. J Med Chem 12:617-20, Jul 69
*AMINES, chem synthesis/ IODINE/ OXIDATION-REDUCTION/ *RADIATION-PROTECTIVE AGENTS, chem synthesis/ *SULFIDES, chem synthesis

1474. **Hernandez A, Zorrilla E, Gershberg H:** Alteraciones clínicas y de laboratorio en el hiperparatiroidismo primario. Comentarios sobre veintidos casos.
Prensa Med Mex 34:19-28, Jan-Feb 69 (Spa)
ADENOMA, complications/ ADULT/ AGED/ BIOPSY/ CALCIUM, blood/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, physiopathology/ HYPERTHYROIDISM, therapy/ MALE/ MIDDLE AGE/ PARATHYROID HORMONE, pharmacodynamics/ PHOSPHORUS, blood

1475. **Heroux O:** Diet and cold resistance.
Fed Proc 28:955-9, May-Jun 69
*ACCLIMATIZATION/ ADIPOSE TISSUE, analysis/ ANIMAL EXPERIMENTS/ *ANIMAL NUTRITION/ BASAL METABOLISM/ BODY WEIGHT/ BROWN FAT, analysis/ CALORIMETRY/ *COLD/ FECES, analysis/ GROWTH/ MALE/ NOREPINEPHRINE, pharmacodynamics/ RATS/ THYROXINE, pharmacodynamics

1476. **Herridge CF, Abey-Wickrama I:** Acute iatrogenic hypothyroid psychosis. Brit Med J 3:154, 19 Jul 69
ADULT/ CARBIMAZOLE, adverse effects/ FEMALE/ HUMAN/ *HYPOTHYROIDISM, chemically induced/ IATROGENIC DISEASE/ *IMIDAZOLES, adverse effects/ PSYCHOSES, ORGANIC, drug therapy/ *PSYCHOSES, TOXIC, etiology/ SCHIZOPHRENIA, drug therapy/ *THYROID ANTAGONISTS, adverse effects/ TRIFLUOPERAZINE, therapeutic use

1477. **Herrmann J, Krüskemper HL, Müller H:** Zur Methodik der Bestimmung von freiem, dialyxablem Thyroxin im Serum. Clin Chim Acta 24:457-66, Jun 69 (Ger)
CHROMATOGRAPHY, PAPER/ DIALYSIS/ DRUG ADULTERATION/ HUMAN/ HYPERTHYROIDISM, blood/ HYPOTHYROIDISM, blood/ IODINE ISOTOPES/ THYRONINE/ *THYROXINE, blood/ TRIIODOTHYRONINE

1478. **Herrmann J, Staib W:** Beziehung zwischen Lipolyse, Gluconeogenese und Insulinsekretion nach Cortisolgabe an Ratten.
Europ J Biochem 7:427-33, Jan 69 (Ger)
ADIPOSE TISSUE, metabolism/ ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ ANTIGENS/ BLOOD SUGAR, metabolism/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ FATTY ACIDS, NONESTERIFIED, blood/ *GLUCONEOGENESIS/ GLYCERIN, blood/ HORMONES, blood/ *HYDROCORTISONE, pharmacodynamics/ HYPOPHYSECTOMY/ IN VITRO/ INSULIN, blood/ *INSULIN, metabolism/ INSULIN, secretion/ INSULIN ANTIBODIES/ *LIPIDS, metabolism/ MALE/ PANCREAS, drug effects/ PANCREAS, metabolism/ PITUITARY GLAND, physiology/ RADIOIMMUNOASSAY/ RATS/ STIMULATION, CHEMICAL/ TIME FACTORS

1479. **Herrmann M:** Fluorretention aus fluoridierten Zahnpasten. Tierexperimentelle Studie.
Zahnaerztl Welt 78:12-4, 10 Jan 69 (Ger)
ANIMAL EXPERIMENTS/ *DENTIFRICES/ FEMALE/ FEMUR, analysis/ FLUORIDATION/ FLUORIDES, administration & dosage/ *FLUORIDES, analysis/ FLUORIDES, TOPICAL, therapeutic use/ MALE/ RATS/ VITAMIN D, pharmacodynamics

1480. **Herrmann U:** Probleme der Perinatalogie aus der Sicht des Geburtshelfers.
Geburtsh Frauenheilk 29:391-404, Apr 69 (Ger)
ACIDOSIS, diagnosis/ ADULT/ AMNIOTIC FLUID, analysis/ BLOOD GAS ANALYSIS/ *DELIVERY/ ELECTROCARDIOGRAPHY/ FEMALE/ *FETAL DEATH, prevention & control/ HEART AUSCULTATION/ HUMAN/ INFANT MORTALITY/ INFANT, NEWBORN/ OXYGEN CONSUMPTION/ PLACENTA, physiopathology/ PREGNANCY/ *PREGNANCY COMPLICATIONS, diagnosis/ PREGNANCY, PROLONGED

1481. **Hershey FB, Aulenbacher CE:** Surgical treatment of brown spider bites. Ann Surg 170:300-8, Aug 69
ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ AGED/ ANTIBIOTICS, therapeutic use/ ANTIHISTAMINICS, therapeutic use/ BITES AND STINGS, diagnosis/ BITES AND STINGS, drug therapy/ BITES AND STINGS, pathology/ BITES AND STINGS, physiopathology/ *BITES AND STINGS, surgery/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ NECROSIS,

therapy/ PHENTOLAMINE, therapeutic use/ *SPIDERS

1482. **Herz A, Metyš J, Schöndorf N, et al:** Uber den Angriffspunkt der analtetischen Wirkung von Morphin.
Naunyn Schmiedeberg Arch Pharm Exp Path 260:143, 1968 (Ger)
ANIMAL EXPERIMENTS/ *CEREBRAL VENTRICLES, drug effects/ HYPOTHALAMUS, drug effects/ MESENCEPHALON, drug effects/ *MORPHINE, pharmacodynamics/ RATS/ THALAMUS, drug effects

1483. **Hetzel BS, Wall JR:** Pretibial myxoedema.
Aust J Derm 10:18-25, Apr 69
ADULT/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ LEG/ *LONG-ACTING THYROID STIMULATOR, blood/ MALE/ MIDDLE AGE/ *MYXEDEMA, blood/ PROTEIN-BOUND IODINE TEST/ THYROID GLAND FUNCTION TESTS

1484. **Heuer D:** Die Behandlung des klimakterischen Syndroms mit Ostriol in der Praxis.
Arzneimittelforschung 19:121-2, Jan 69 (Ger)
*CLIMACTERIC, drug effects/ ESTRIOL, adverse effects/ *ESTRIOL, therapeutic use/ ETHINYL ESTRADIOL, therapeutic use/ FEMALE/ HUMAN/ LIBIDO, drug effects/ *MENOPAUSE, drug effects/ METHYLTESTOSTERONE, therapeutic use/ PROGESTATIONAL HORMONES, therapeutic use

1485. **Heyman A, Arons M, Quinn M, et al:** The role of oral contraceptive agents in cerebral arterial occlusion.
Neurology (Minneap) 19:519-24, Jun 69
ADOLESCENCE/ ADULT/ AGE FACTORS/ CAUCASIAN RACE/ CEREBRAL ARTERIOSCLEROSIS, etiology/ CEREBRAL ARTERIOSCLEROSIS, occurrence/ CEREBRAL ISCHEMIA, TRANSIENT, etiology/ CEREBRAL ISCHEMIA, TRANSIENT, occurrence/ *CEREBROVASCULAR DISORDERS, chemically induced/ CEREBROVASCULAR DISORDERS, occurrence/ *CONTRACEPTIVES, ORAL, adverse effects/ DIABETES MELLITUS, complications/ FEMALE/ HUMAN/ HYPERCHOLESTEREMIA, complications/ HYPERTENSION, complications/ MALE/ MIGRAINE, complications/ NEGROES/ NORTH CAROLINA/ RETROSPECTIVE STUDIES/ SEX FACTORS

1486. **Hidaka H, Nagatsu T, Nagasaka A, et al:** Monoamine oxidase activity of the thyroid glands in thyroid disease.
Clin Chim Acta 23:383-6, Mar 69
ADOLESCENCE/ ADULT/ BASAL METABOLISM/ CHOLESTEROL, blood/ FEMALE/ *GOITER, enzymology/ HUMAN/ IODINE, metabolism/ IODINE ISOTOPES/ KYNURENIC ACID/ MALE/ MIDDLE AGE/ *MONOAMINE OXIDASE, analysis/ RESINS, metabolism/ SEROTONIN/ THYROID DISEASES, enzymology/ *THYROID GLAND, enzymology/ THYROID GLAND, metabolism/ THYROIDECTOMY

1487. **Hidalgo F, Williams DF:** Diagnóstico del feocromocitoma de la vejiga.
Rev Med Chile 97:128-32, Feb 69 (Spa)
ADULT/ ANGIOGRAPHY/ *BLADDER NEOPLASMS, diagnosis/ CATECHOLAMINES, diagnostic use/ CONTRAST MEDIA/ HUMAN/ MALE/ METHODS/ *PHEOCHROMOCYTOMA, diagnosis

1488. **Hierholzer K, Stolte H:** The proximal and distal tubular action of adrenal steroids on Na reabsorption.
Nephron 6:188-204, 1969 (47 ref.)
*ADRENAL CORTEX HORMONES, pharmacodynamics/ ADRENALECTOMY/ ALDOSTERONE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BIOLOGICAL TRANSPORT, drug effects/ CORTISONE, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ DEXAMETHASONE, pharmacodynamics/ DOGS/ KIDNEY FUNCTION TESTS/ *KIDNEY TUBULES, drug effects/ RATS/ REVIEW/ *SODIUM, metabolism

1489. **Higuchi K, Horie H, Noda T, et al:** [Diagnosis and treatment of malignant struma]
Iryo 23:10-25, Jan 69 (Jap)
ADULT/ AGED/ CALCINOSIS, radiography/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ THYROID DISEASES, radiography/ *THYROID NEOPLASMS, radiography/ *THYROID NEOPLASMS, surgery

1490. **Hildemann WH:** Exceptions to the genetic rules of transplantation.
Transplantation 8:76-7, Jul 69
ANIMAL EXPERIMENTS/ FEMALE/ *GENETICS/ MICE/ MUTATION/ SEX CHROMOSOMES/ SEX FACTORS/ SKIN, transplantation/ *TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY/ VIRUS DISEASES, immunology

1491. **Hill CD, Singer B:** Inhibition of the response to pituitary adrenocorticotrophic hormone in the hypophysectomized rat by circulatory corticosterone.
J Endocr 42:301-9, Oct 68
ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, secretion/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *CORTICOSTERONE, blood/ CORTICOSTERONE, pharmacodynamics/ CORTICOSTERONE, secretion/ *CORTICOTROPIN, antagonists & inhibitors/ FEEDBACK/ HYPOPHYSECTOMY/ INJECTIONS, SUBCUTANEOUS/ MALE/ PITUITARY-ADRENAL SYSTEM, physiology/ RATS

1492. **Hillemand B:** L'attitude devant une constipation chronique.
Sem Hop Paris 45:977-81, 26 Mar 69 (Fre)
CATHARTICS, adverse effects/ COLONIC DISEASES, complications/ *CONSTIPATION/ CONSTIPATION, etiology/ CONSTIPATION, therapy/ DIARRHEA, diagnosis/ DRUG ADDICTION, complications/ ENDOCRINE DISEASES, complications/ FECES, analysis/ FECES, IMPACTED, complications/ FISSURE IN ANO, complications/ GASTROINTESTINAL SYSTEM, radiography/ HEMORRHOIDS, complications/ HUMAN/ HYPOKALEMIA, complications/ INTESTINAL NEOPLASMS, complications/ MEGACOLON, complications/ NUTRITION DISORDERS, complications/ OILS, therapeutic use/ PARASYMPATHOMIMETICS, therapeutic use/ PSYCHOPHYSIOLOGIC DISORDERS/ PSYCHOTHERAPY/ SUPPOSITORIES, therapeutic use

1493. **Hillemand B, Cerebonnet G:** Appendicite à forme tumorale.
Sem Hop Paris 45:1211-3, 14 Apr 69 (Fre)
AGED/ ANEMIA/ ANTIBIOTICS, adverse effects/ ANTIBIOTICS, therapeutic use/ *APPENDICEAL NEOPLASMS, diagnosis/ APPENDICEAL NEOPLASMS, radiography/ APPENDICEAL NEOPLASMS, surgery/ *APPENDICITIS, complications/ CASE REPORT/ COBALT ISOTOPES, adverse effects/ CORTISONE, therapeutic use/ DIARRHEA, etiology/ FEMALE/ HUMAN/ HYPOPROTEINEMIA, etiology/ HYSTERECTOMY/ INTESTINE, SMALL, radiation effects/ LEUKOCYTOSIS, complications/ LEUKOPENIA, etiology/ MALABSORPTION SYNDROMES, etiology/ OVARIAN CYSTS, radiotherapy/ OVARIAN CYSTS, surgery/ PROTEINS, therapeutic use/ RADIATION EFFECTS/ RADIOTHERAPY, HIGH ENERGY/ STAPHYLOCOCCAL INFECTIONS, etiology

1494. **Hillemand P:** Le praticien et la conduite du traitement médical de la maladie ulcéreuse gastro-duodénale.
Presse Med 77:679-81, 12 Apr 69 (Fre)
AMINO ACIDS, therapeutic use/ ANALGESICS AND ANTIPYRETICS, therapeutic use/ ANTI-INFLAMMATORY AGENTS, therapeutic use/ ASCORBIC ACID, therapeutic use/ ATROPINE, therapeutic use/ BISMUTH, therapeutic use/ CARBONATES, therapeutic use/ CHLORBENZOXAMINE, therapeutic use/ DIET THERAPY/ GASTRIC MUCIN,

therapeutic use/ HUMAN/ IMIPRAMINE, therapeutic use/ INJECTIONS, INTRAVENOUS/ MUSCLE RELAXANTS, therapeutic use/ NITRATES, therapeutic use/ PARASYMPATHOLYTICS, therapeutic use/ PARATHYROID HORMONE, therapeutic use/ *PEPTIC ULCER, therapy/ POLYSACCHARIDES, therapeutic use/ PROTEINS, therapeutic use/ SECRETIN, therapeutic use/ TISSUE EXTRACTS, therapeutic use

1495. **Hillier AP**: The release of thyroxine from serum protein in the vessels of the liver.
J Physiol (London) 203:419-34, Aug 69
ANIMAL EXPERIMENTS/ HEMODYNAMICS/ IODINE ISOTOPES/ LIVER, blood supply/ *LIVER, metabolism/ MALE/ PERFUSION/ PLASMA/ RATS/ TEMPERATURE/ *THYROXINE, metabolism/ *THYROXINE-BINDING PROTEIN, metabolism/ TIME FACTORS/ TRIIODOTHYRONINE, metabolism

1496. **Hillman J, Hammond J, Sokola J, et al**: Changes in plasma growth hormone levels in retarded children.
J Ment Defic Res 12:294-306, Dec 68
ADOLESCENCE/ BODY HEIGHT/ CHILD/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ GROWTH, drug effects/ HUMAN/ INSULIN, pharmacodynamics/ MALE/ *MENTAL RETARDATION, blood/ RADIOIMMUNOASSAY/ *SOMATOTROPIN, blood

1497. **Hills AG**: Pathogenesis of hyperkalemia in hypoaldosteronism. J Clin Endocr 29:988-9, Jul 69
*ADRENAL GLAND HYPOFUNCTION, complications/ ADRENALECTOMY/ *ALDOSTERONE, secretion/ BLOOD UREA NITROGEN/ DESOXYCORTICOSTERONE, therapeutic use/ FLUDROCORTISONE, therapeutic use/ GLOMERULAR FILTRATION RATE/ HUMAN/ HYPERKALEMIA, drug therapy/ *HYPERKALEMIA, etiology/ KIDNEY DISEASES, complications

1498. **Hinkley CM, Stenger VG, Blechner JN**: Glucose concentration gradients across the uterus and placenta of the pregnant primate.
Amer J Obstet Gynec 104:893-7, 15 Jul 69
AMNIOTIC FLUID, analysis/ ANIMAL EXPERIMENTS/ *BLOOD SUGAR, analysis/ FEMALE/ FEMORAL ARTERY/ FEMORAL VEIN/ GESTATIONAL AGE/ *MATERNAL-FETAL EXCHANGE/ MONKEYS/ PLACENTA, physiology/ PREGNANCY/ UTERUS, blood supply

1499. **Hipkin LJ**: Effect of the urinary gonadotropin inhibitor on endogenous and exogenous gonadotrophin.
Nature (London) 221:473-4, 1 Feb 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BODY WEIGHT/ FEMALE/ *GONADOTROPINS, urine/ *GONADOTROPINS, PITUITARY, antagonists & inhibitors/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ MALE/ MICE/ ORGAN WEIGHT/ *PITUITARY GLAND, drug effects/ RABBITS/ RATS/ UTERUS, drug effects

1500. **Hiramune T, Kume T, Isayama Y, et al**: Studies on bovine bacterial pyelonephritis. II. Experimental infection of cows with Corynebacterium renale type I.
Nat Inst Anim Health Quart (Tokyo) 8:187-94, Winter 68
ADRENAL GLANDS, microbiology/ ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ APPETITE DISORDERS/ BLADDER, microbiology/ BODY TEMPERATURE/ CATTLE/ *CATTLE DISEASES, etiology/ CORYNEBACTERIUM, isolation & purification/ *CORYNEBACTERIUM, pathogenicity/ HEMAGGLUTINATION TESTS/ HEMATURIA/ KIDNEY, microbiology/ LYMPH, microbiology/ PYELONEPHRITIS, microbiology/ PYELONEPHRITIS, pathology/ PYELONEPHRITIS, urine/ *PYELONEPHRITIS, veterinary/ STAPHYLOCOCCUS, isolation & purification/ STREPTOCOCCUS, isolation & purification/ URETER, microbiology

1501. **Hiroi M, Nagamsu K, Seike H**: [Method for prolactin assy, with special reference to a confirmatory trial of the Nicoll method]
Clin Endocr (Tokyo) 17:137-9, Feb 69 (Jap)
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ METHODS/ PIGEONS/ *PROLACTIN, analysis

1502. **Hiroi M, Stevens K, Gorski R**: Effects of intravenous cupric sulphate on hypophysial activity in the female rat. J Reprod Fertil 18:439-44, Apr 69
ANIMAL EXPERIMENTS/ *COPPER, pharmacodynamics/ COPPER, toxicity/ CORPUS LUTEUM, physiology/ ESTROGENS, antagonists & inhibitors/ ESTRUS/ FEMALE/ GONADOTROPINS, CHORIONIC/ INJECTIONS, INTRAVENOUS/ OVULATION, drug effects/ PENTOBARBITAL/ *PITUITARY GLAND, drug effects/ PSEUDOPREGNANCY/ RATS/ SULFATES

1503. **Hirose M**: Tissue culture of human thyroid cancer.
Acta Med Okayama 22:185-202, Aug 68
ANIMAL EXPERIMENTS/ CELL LINE/ CHROMOSOMES/ HAMSTERS/ HISTOCYTOCHEMISTRY/ HUMAN/ IN VITRO/ *THYROID NEOPLASMS, pathology/ *TISSUE CULTURE

1504. **Hirsch GH, Hook JB**: Stimulation of p-aminohippurate transport by slices of rat renal cortex following in vivo administration of triiodothyronine.
Proc Soc Exp Biol Med 131:513-7, Jun 69
*AMINOHIPPURIC ACID, metabolism/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ CARBON ISOTOPES/ INJECTIONS, INTRAPERITONEAL/ *KIDNEY, drug effects/ *KIDNEY, metabolism/ MALE/ METHODS/ NICOTINAMIDE, metabolism/ RATS/ TIME FACTORS/ *TRIIODOTHYRONINE, pharmacodynamics

1505. **Hirsch PF, Munson PL**: Thyrocalcitonin.
Physiol Rev 49:548-622, Jul 69 (408 ref.)
AGING/ AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CALCINOSIS/ CALCIUM, metabolism/ DIET/ GASTROINTESTINAL SYSTEM, drug effects/ HUMAN/ KIDNEY, drug effects/ PARATHYROID GLANDS, physiology/ RADIOIMMUNOASSAY/ REVIEW/ SPECIES SPECIFICITY/ *THYROCALCITONIN/ THYROCALCITONIN, analysis/ THYROCALCITONIN, isolation & purification/ THYROCALCITONIN, metabolism/ THYROCALCITONIN, pharmacodynamics/ THYROCALCITONIN, secretion/ THYROID GLAND, physiology

1506. **Hirschman RJ, Shulman NR, Abuelo JG, et al**: Chromosomal aberrations in two cases of inherited aplastic anemia with unusual clinical features.
Ann Intern Med 71:107-17, Jul 69
ADOLESCENCE/ ADULT/ ANDROGENS, therapeutic use/ ANEMIA, APLASTIC, diagnosis/ ANEMIA, APLASTIC, drug therapy/ *ANEMIA, APLASTIC, familial & genetic/ ANEMIA, APLASTIC, mortality/ BONE MARROW CELLS/ CELL TRANSFORMATION, NEOPLASTIC/ CHILD/ *CHROMOSOME ABERRATIONS/ FEMALE/ FIBROBLASTS, cytology/ HUMAN/ KARYOTYPING/ MALE/ PROGNOSIS/ SKIN, cytology/ SV40 VIRUS/ TISSUE CULTURE

1507. **Hirvonen E**: Naisen hormonaalisista syistä johtuvan sterliiteetin tutkiminen ja hoito.
Duodecim 85:203-10, 1969 (Fin)
ADULT/ *CLOMIPHENE, therapeutic use/ FEMALE/ *GONADOTROPINS, therapeutic use/ HORMONES, urine/ HUMAN/ MENSTRUATION DISORDERS, drug therapy/ *OVULATION, drug effects/ STERILITY, FEMALE, diagnosis/ *STERILITY, FEMALE, drug therapy

1508. **Hirvonen E, Timonen S, Sokkanen R**: A routine method

for the determination of urinary estrone.
Ann Chir Gynaec Fenn 57:457-9, 1968
*ESTRONE, urine/ FEMALE/ HUMAN/ METHODS/ TIME FACTORS

1509. **Hisada T**: Clinico-pathological studies on chronic thyroiditis. Acta Path Jap 18:512-4, Nov 68
ADULT/ CHRONIC DISEASE/ FEMALE/ HUMAN/ HYPERTHYROIDISM, pathology/ MIDDLE AGE/ THYROID GLAND, pathology/ THYROIDITIS, classification/ *THYROIDITIS, pathology

1510. **Hishikawa Y, Cramer H, Kuhlo W**: Natural and melatonin-induced sleep in young chickens--a behavioral and electrographic study.
Exp Brain Res 7:84-94, 1969
ANIMAL EXPERIMENTS/ BEHAVIOR, ANIMAL/ CHICKENS/ ELECTROCARDIOGRAPHY/ ELECTROENCEPHALOGRAPHY/ ELECTROMYOGRAPHY/ ELECTROOCULOGRAPHY/ *MELATONIN, pharmacodynamics/ *SLEEP, drug effects/ SLEEP, REM/ WAKEFULNESS

1511. **Hitt JC, Gerall AA**: Effect of brain stimulation on estrous activity cycls. Psychol Rep 24:59-68, Feb 69
ANIMAL EXPERIMENTS/ ELECTRIC STIMULATION/ ESTROGENS, secretion/ *ESTRUS/ FEMALE/ *HYPOTHALAMUS, physiology/ LOCOMOTION/ *MOTOR ACTIVITY/ OVARY, secretion/ RATS/ SELF STIMULATION

1512. **Hitzig WH, Lo SS**: Immunologisch bedingte hämolytische Anämien.
Ther Umsch 25:426-32, Aug 68 (Ger)
*ANEMIA, HEMOLYTIC, AUTOIMMUNE, therapy/ *BLOOD GROUP INCOMPATIBILITY, diagnosis/ *ERYTHROBLASTOSIS, FETAL, prevention & control/ ERYTHROBLASTOSIS, FETAL, therapy/ FEMALE/ HUMAN/ INFANT, NEWBORN/ PREGNANCY/ *STEROIDS, therapeutic use

1513. **Hjort T**: The relative antigen-neutralizing capacity (avidity) of thyroglobulin antibodies in various thyroid diseases as measured by haemagglutination-inhibition with antibody-coated cells. Clin Exp Immun 5:43-56, Jul 69
ADOLESCENCE/ ADULT/ AGED/ *AUTOANTIBODIES, analysis/ ERYTHROCYTES/ FEMALE/ GOITER, immunology/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ HYPERTHYROIDISM, immunology/ MALE/ MIDDLE AGE/ MYXEDEMA, immunology/ *THYROGLOBULIN/ *THYROID DISEASES, immunology/ THYROIDITIS, immunology

1514. **Hobson BW**: Pregnancy diagnosis. Lancet 2:56, 5 Jul 69
FEMALE/ *GONADOTROPINS, CHORIONIC, urine/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ PREGNANCY/ *PREGNANCY TESTS

1515. **Hodgen GD, Butler WR, Gomes WR**: In vivo and in vitro effects of cadmium chloride on carbonic anhydrase activity. J Reprod Fertil 18:156-7, Feb 69
ANIMAL EXPERIMENTS/ *CADMIUM, pharmacodynamics/ *CARBONIC ANHYDRASE, metabolism/ CARBONIC ANHYDRASE INHIBITORS, pharmacodynamics/ IN VITRO/ MALE/ RATS/ *TESTIS, drug effects/ TESTIS, enzymology/ TESTIS, pathology/ ZINC, pharmacodynamics

1516. **Hodges JR, Sadow J**: Hypothalamo-pituitary-adrenal function in the rat after prolonged treatment with cortisol. Brit J Pharmacol 36:489-95, Jul 69
ADRENAL GLANDS, analysis/ ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ ASCORBIC ACID, analysis/ ATROPHY, chemically induced/ CORTICOSTERONE, blood/ CORTICOTROPIN, secretion/ GROWTH, drug effects/ *HYDROCORTISONE, pharmacodynamics/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, drug effects/ *PITUITARY-ADRENAL SYSTEM, drug effects/ RATS/ TIME FACTORS

1517. **Hodler J**: Indikationen zur Bestimmung der Reninaktivität im Blut.
Deutsch Med Wschr 94:1417-8, 4 Jul 69 (Ger)
HUMAN/ HYPERALDOSTERONISM, blood/ HYPOKALEMIA, blood/ METHODS/ RENAL ARTERY OBSTRUCTION, blood/ *RENIN, blood

1518. **Hodoşan F, Mantsch O, Jude I, et al**: Nitrate esters of steroid hormones and related compounds. Preparation and biological properties.
Arzneimittelforschung 19:684-5, Apr 69
*ANDROSTANES, chem synthesis/ *ANDROSTANES, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ BIOLOGICAL ASSAY/ COMPARATIVE STUDY/ CORTISONE, chem synthesis/ DESOXYCORTICOSTERONE, chem synthesis/ ESTERS/ METHYLTESTOSTERONE, chem synthesis/ MUSCLE RELAXANTS, pharmacodynamics/ *NITRATES, chem synthesis/ PREDNISONE, chem synthesis/ *PREGNANES, chem synthesis/ RABBITS/ RATS/ TESTOSTERONE, chem synthesis

1519. **Hoebel BG**: Feeding and self-stimulation.
Ann NY Acad Sci 157:758-78, 15 May 69
ANIMAL EXPERIMENTS/ *BEHAVIOR, ANIMAL/ BODY WEIGHT/ ESTROGENS, pharmacodynamics/ ESTRUS/ *FEEDING BEHAVIOR/ FEMALE/ GLUCAGON, pharmacodynamics/ GLUCOSE, pharmacodynamics/ HYPERTONIC SOLUTIONS/ *HYPOTHALAMUS, physiology/ INJECTIONS, INTRAVENOUS/ INJECTIONS, SUBCUTANEOUS/ INSULIN, pharmacodynamics/ *LIMBIC SYSTEM, physiology/ RATS/ *SELF STIMULATION/ STOMACH, physiology

1520. **Hoeprich PD**: Chemoprophylaxis of infection in patients receiving steroids, irradiation and cytotoxic agents. Med Times 97:133-6, May 69
*ANTINEOPLASTIC AGENTS, adverse effects/ HUMAN/ *INFECTION, prevention & control/ *RADIOTHERAPY, adverse effects/ *STEROIDS, adverse effects

1521. **Hoerni B, Chauvergne J, Lagarde C**: Métastase intrathyroidienne d'un épithélioma à cellules claires du rein. Sem Hop Paris 45:112-5, 8 Jan 69 (Fre)
AGED/ ANGIOGRAPHY/ GOITER, diagnosis/ GOITER, radiography/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ *KIDNEY NEOPLASMS/ KIDNEY NEOPLASMS, surgery/ MALE/ NEOPLASM METASTASIS/ PHOSPHORUS ISOTOPES/ RADIOISOTOPE SCANNING/ *THYROID NEOPLASMS/ THYROID NEOPLASMS, diagnosis/ THYROID NEOPLASMS, pathology/ THYROID NEOPLASMS, surgery

1522. **(Hoet JP), Vague J**: Joseph-Pierre Hoet (1899-1968)
Ann Endocr (Paris) 29:399-401, Jul-Aug 68 (Fre)
CURRENT BIOG-OBIT/ DIABETES MELLITUS/ ENDOCRINOLOGY, history/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT.

1523. **Höfer R, Keminger K, Kraupp O, et al**: Zur prä- und postoperativen Behandlung schwerer Hyperthyreosen mit Propranolol.
Wien Med Wschr 119:89-94, 1 Feb 69 (Ger)
ADULT/ AGED/ CATECHOLAMINES, urine/ ERYTHROCYTES, analysis/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, drug therapy/ HYPERTHYROIDISM, surgery/ LEUKOCYTE COUNT/ MALE/ METHODS/ MIDDLE AGE/ POSTOPERATIVE CARE/ PREOPERATIVE CARE/ PROPRANOLOL, pharmacodynamics/ *PROPRANOLOL, therapeutic use/ PROTEIN-BOUND IODINE TEST/ PULSE, drug effects/ TRIIODOTHYRONINE, analysis

1524. **Hoffenberg R**: Auto-immune thyroiditis.
Brit J Clin Pract 23:257-60, Jun 69

ADULT/ *AUTOIMMUNE DISEASES/ CHILD/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ THYROIDITIS, LYMPHOMATOUS, diagnosis/ THYROIDITIS, LYMPHOMATOUS, drug therapy/ *THYROIDITIS, LYMPHOMATOUS, etiology

1525. **Hoffmann B:** Gaschromatographische Bestimmung von Progesteron in Gewebe von Corpus luteum-Zysten bei Kühen.
Deutsch Tieraerztl Wschr 76:287-9, 1 Jun 69 **(Ger)**
ANIMAL EXPERIMENTS/ CATTLE/ *CATTLE DISEASES/ CHROMATOGRAPHY, GAS/ *CORPUS LUTEUM CYST, veterinary/ ENGLISH ABSTRACT/ FEMALE/ *PROGESTERONE, analysis

1526. **Hofmann WW:** Membrane potential and muscle function. Ann Rev Med 20:101-30, 1969 (255 ref.)
ADENOSINE TRIPHOSPHATE, metabolism/ CALCIUM, metabolism/ CARDIAC GLYCOSIDES, pharmacodynamics/ *MEMBRANE POTENTIALS/ *MUSCLE CONTRACTION/ MUSCLES, metabolism/ *MUSCLES, physiology/ MUSCULAR DISEASES, etiology/ POTASSIUM, metabolism/ RATS/ REVIEW/ SODIUM, metabolism

1527. **Hofmann WW:** Membrane potential and muscle function. Ann Rev Med 20:101-30, 1969 (255 ref.)
ADENOSINE TRIPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ CARDIAC GLYCOSIDES, pharmacodynamics/ *MEMBRANE POTENTIALS/ *MUSCLE CONTRACTION/ MUSCLES, metabolism/ *MUSCLES, physiology/ MUSCULAR DISEASES, etiology/ POTASSIUM, metabolism/ RATS/ REVIEW/ SODIUM, metabolism

1528. **Hoigné R, Latscha U, Mumenthaler M, et al:** Arteriitis temporalis oder Riesenzellarteriitis.
Schweiz Med Wschr 99:392-7, 22 Mar 69 **(Ger)**
ADRENAL CORTEX HORMONES, therapeutic use/ AGED/ BLINDNESS, etiology/ BLOOD SEDIMENTATION/ ENGLISH ABSTRACT/ HUMAN/ MIDDLE AGE/ *TEMPORAL ARTERITIS/ TEMPORAL ARTERITIS, complications/ TEMPORAL ARTERITIS, diagnosis/ TEMPORAL ARTERITIS, drug therapy/ TEMPORAL ARTERITIS, pathology

1529. **Hokin MR:** Effect of norepinephrine on 32P incorporation into individual phosphatides in slices from different areas of the guinea pig brain.
J Neurochem 16:127-34, Feb 69
ANIMAL EXPERIMENTS/ BRAIN, drug effects/ *BRAIN, metabolism/ CEPHALINS, biosynthesis/ CEREBELLAR CORTEX, drug effects/ CORPORA QUADRIGEMINA, drug effects/ GANGLIA, BASAL, drug effects/ GUINEA PIGS/ HYPOTHALAMUS, drug effects/ IN VITRO/ LECITHINS, biosynthesis/ LIMBIC SYSTEM, drug effects/ NEURAL TRANSMISSION/ *NOREPINEPHRINE, pharmacodynamics/ PHOSPHOINOSITIDES, biosynthesis/ *PHOSPHOLIPIDS, biosynthesis/ PHOSPHORUS, antagonists & inhibitors/ *PHOSPHORUS, metabolism/ PHOSPHORUS ISOTOPES/ THALAMUS, drug effects

1530. **Holeček V:** K problematice syntetických polypeptidů na bázi oxytocinu. Vnitrni Lek 15:435-41, May 69 **(Cze)**
ANIMAL EXPERIMENTS/ DIABETES INSIPIDUS, drug therapy/ DIURETICS, pharmacodynamics/ ENGLISH ABSTRACT/ HUMAN/ *OXYTOCIN, pharmacodynamics/ OXYTOCIN, therapeutic use/ *PEPTIDES, chem synthesis/ RATS/ VASOPRESSIN, administration & dosage/ VASOPRESSIN, pharmacodynamics/ VASOPRESSIN, therapeutic use

1531. **Holl-Allen RT:** Metastatic ovarian carcinoid tumor.
Postgrad Med J 45:46-8, Jan 69
AGED/ *CARCINOID TUMOR, diagnosis/ FEMALE/ HUMAN/ HYDROXYINDOLEACETIC ACID, urine/ NEOPLASM METASTASIS/ *OVARIAN NEOPLASMS, diagnosis/ OVARIAN NEOPLASMS, surgery

1532. **Hollemans HJ, Meer J van der, Kloosterziel W:** Measurement of renin activity in plasma by a radioimmunoassay for angiotensin I.
Clin Chim Acta 24:353-7, Jun 69
*ANGIOTENSIN, blood/ ANIMAL EXPERIMENTS/ HUMAN/ MALE/ METHODS/ RABBITS/ RADIOIMMUNOASSAY/ *RENIN, metabolism

1533. **Hollien H, Paul P:** A second evaluation of the speaking fundamental frequency characteristics of post-adolescent girls.
Lang Speech 12:119-24, Apr-Jun 69
ADOLESCENCE/ AGE FACTORS/ FEMALE/ HUMAN/ *PUBERTY/ *SPEECH/ TIME FACTORS

1534. **Hollinger MA, Davis JR:** Nucleic acid labelling of experimentally-induced cryptorchid rat testis.
J Reprod Fertil 18:325-32, Mar 69
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ *CRYPTORCHISM, metabolism/ DNA, metabolism/ GONADOTROPINS, secretion/ MALE/ *NUCLEIC ACIDS, metabolism/ RATS/ RNA, metabolism/ *TESTIS, metabolism/ THYMIDINE, metabolism/ URIDINE, metabolism

1535. **Holm HH, Mortensen T:** Ultrasonic scanning in diagnosis of abdominal disease.
Acta Chir Scand 134:333-41, 1968
*ABDOMEN/ ADOLESCENCE/ ADULT/ AGED/ AORTIC ANEURYSM, diagnosis/ FEMALE/ HEMATOMA, diagnosis/ HUMAN/ KIDNEY, CYSTIC, diagnosis/ LIVER CIRRHOSIS, diagnosis/ LIVER NEOPLASMS, diagnosis/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ OVARIAN CYSTS, diagnosis/ PANCREATIC CYST, diagnosis/ PANCREATIC NEOPLASMS, diagnosis/ SARCOMA, RETICULUM CELL, diagnosis/ SPLENIC RUPTURE, diagnosis/ SPLENOMEGALY, diagnosis/ *ULTRASONICS, diagnostic use

1536. **Holm J, Lindqvist B, Michaelson G, et al:** Anuri 42 dygn utan dialys. Nord Med 81:599-600, 8 May 69 **(Swe)**
*ANURIA, etiology/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ GASTRIC LAVAGE/ HUMAN/ INTESTINAL OBSTRUCTION, surgery/ MALE/ MIDDLE AGE/ PERITONEAL DIALYSIS/ PYELONEPHRITIS, complications/ REST/ THYROID ANTAGONISTS, therapeutic use/ TIME FACTORS/ TUBERCULOSIS, complications/ *UREMIA, etiology/ WATER-ELECTROLYTE BALANCE

1537. **Holmes EC, Morton DL:** Detection of antibodies against the mammary tumor virus with the antiglobulin consumption test. J Nat Cancer Inst 42:733-8, May 69
ABSORPTION/ ADENOCARCINOMA, immunology/ ANIMAL EXPERIMENTS/ *ANTIBODIES, analysis/ *COOMBS' TEST/ ERYTHROCYTES, immunology/ ETHIODOL/ FEMALE/ LACTATION/ *MAMMARY CANCER VIRUS, immunology/ MAMMARY NEOPLASMS, EXPERIMENTAL, immunology/ METHODS/ METHYLCHOLANTHRENE/ MICE/ PREGNANCY/ SARCOMA, EXPERIMENTAL, chemically induced/ SHEEP

1538. **Holzbauer M, Newport HM, Birmingham MK, et al:** Secretion of pregn-4-ene-3,20-dione (progesterone) in vivo by the adrenal gland of the rat.
Nature (London) 221:572-3, 8 Feb 69
*ADRENAL GLANDS, secretion/ *ADRENAL MEDULLA, surgery/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ FEMALE/ *PROGESTERONE, blood/ RATS

1539. **Honda K, Ostergard D, Kushinsky S:** Gas chromatographic analysis of estrogens.
Amer J Obstet Gynec 104:528-32, 15 Jun 69
*CHROMATOGRAPHY, GAS/ *ESTRIOL, analysis/ ESTROGENS, analysis/ FEMALE/ HUMAN/ INDICATORS AND REAGENTS/ METHODS/ PREGNANCY/ RADIOMETRY, instrumentation/ SOLVENTS/ TIME FACTORS

1540. **Honger PE, Rossing N:** Albumin metabolism and oral contraception. Clin Sci 36:41-5, Feb 69

ADULT/ ALBUMINS, biosynthesis/ *ALBUMINS, metabolism/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ HUMAN/ IODINE ISOTOPES/ PLASMA VOLUME/ PREGNANCY/ SERUM ALBUMIN, metabolism/ SERUM ALBUMIN, RADIO-IODINATED, metabolism

1541. **Hooft C, Boedts F, Van Acker K:** Le syndrome de Wiedenmann et Beckwith (omphalocèle-macroglossie-gigantisme)
Ann Pediat (Paris) 16:49-56, 2 Jan 69 **(Fre)**
CHILD, PRESCHOOL/ FEMALE/ GIGANTISM/ HUMAN/ HYPOGLYCEMIA, complications/ INFANT/ INFANT, NEWBORN/ MALE/ PREDIABETIC STATE/ *TONGUE, abnormalities/ *UMBILICAL HERNIA

1542. **Hook EB:** A method for the detection of the contribution of X heterosis to female survival by comparison of sex ratios of offspring from consanguineous matings.
Amer J Hum Genet 21:290-3, May 69
*CONSANGUINITY/ FEMALE/ *HETEROZYGOTE/ HUMAN/ INBREEDING/ MATHEMATICS/ METHODS/ PEDIGREE/ *SEX CHROMOSOMES/ *SEX RATIO

1543. **Hoppe W, Utz W:** Seltener retromaxillärer zystischer Prozess. Stoma 22:84-8, May 69 **(Ger)**
ADOLESCENCE/ *BONE CYST, complications/ CASE REPORT/ ENGLISH ABSTRACT/ EXOPHTHALMOS, etiology/ FACE, abnormalities/ HUMAN/ MALE/ *MAXILLARY DISEASES, complications

1544. **Horký K, Küchel O, Gregorová I, et al:** Utlum biosyntézy steroidů v nadledvinkách aminoglutethimidem (Elipten CIBA) a jeho praktický význam) Vnitrni Lek 15:417-25, May 69 **(Cze)**
ADRENAL GLANDS, secretion/ AMINOGLUTETHIMIDE, pharmacodynamics/ ANILINE COMPOUNDS, pharmacodynamics/ *ANTICONVULSANTS, pharmacodynamics/ ANTICONVULSANTS, therapeutic use/ CUSHING'S SYNDROME, drug therapy/ ENGLISH ABSTRACT/ HUMAN/ HYPERALDOSTERONISM, drug therapy/ *17-KETOSTEROIDS, urine/ POTASSIUM, urine/ PYRIDONES, pharmacodynamics/ SODIUM, urine/ SPIRONOLACTONE, pharmacodynamics/ *STEROIDS, biosynthesis

1545. **Horrobin DF:** The female sex cycle.
J Theor Biol 22:80-8, Jan 69
ANIMAL EXPERIMENTS/ ESTROGENS, analysis/ *ESTRUS/ FEMALE/ FSH, physiology/ FSH, secretion/ HUMAN/ HYPOTHALAMUS, physiology/ LH, physiology/ LH, secretion/ MAMMALS/ *MENSTRUATION/ MONKEYS/ OVULATION/ OVUM, physiology/ PROGESTERONE, physiology/ RABBITS

1546. **Horst CJ van der, Brand A:** Occurrence of hypotaurine and inositol in the reproductive tract of the ewe and its regulation by pregnenolone and progesterone.
Nature (London) 223:67-8, 5 Jul 69
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ *FALLOPIAN TUBES, analysis/ FEMALE/ *INOSITOL, analysis/ PREGNENOLONE, pharmacodynamics/ PROGESTERONE, pharmacodynamics/ SHEEP/ *TAURINE, analysis/ *UTERUS, analysis

1547. **Hortling H:** Gonadaaliset dysgeneesiat.
Duodecim 85:230-6, 1969 (21 ref.) **(Fin)**
DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *HERMAPHRODITISM, diagnosis/ HUMAN/ *KLINEFELTER'S SYNDROME, diagnosis/ MALE/ REVIEW/ SEX CHROMOSOME ABNORMALITIES/ *TURNER'S SYNDROME, diagnosis

1548. **Horton R:** Stimulation and suppression of aldosterone in plasma of normal man and in primary aldosteronism. J Clin Invest 48:1230-6, Jul 69
ADRENAL CORTEX HORMONES, pharmacodynamics/ ADULT/ *ALDOSTERONE, blood/ *ALDOSTERONE, secretion/ ANGIOTENSIN, pharmacodynamics/ CARBON ISOTOPES/ CORTICOTROPIN, pharmacodynamics/ DEPRESSION, CHEMICAL/ DEXAMETHASONE, pharmacodynamics/ DIET THERAPY/ FLUDROCORTISONE, pharmacodynamics/ *HORMONES, diagnostic use/ HUMAN/ *HYPERALDOSTERONISM, blood/ *HYPERALDOSTERONISM, physiopathology/ HYPERALDOSTERONISM, therapy/ INFUSIONS, PARENTERAL/ METHODS/ SECRETORY RATE, drug effects/ SODIUM CHLORIDE/ STIMULATION, CHEMICAL/ TRITIUM

1549. **Hoshino J, Kröger H:** Properties of L-serine dehydratase purified from rat liver after induction by fasting or feeding casein hydrolysate.
Hoppe Seyler Z Physiol Chem 350:595-602, May 69
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ BINDING SITES/ CASEIN, pharmacodynamics/ CENTRIFUGATION, DENSITY GRADIENT/ CHEMISTRY/ ENZYME INDUCTION/ FASTING/ GEL FILTRATION/ HYDROCORTISONE, pharmacodynamics/ *HYDRO-LYASES/ LIVER, enzymology/ PROTEIN HYDROLYSATES, pharmacodynamics/ RATS/ SERINE/ SERINE DEHYDRATASE/ SERINE DEHYDRATASE, biosynthesis/ SERINE DEHYDRATASE, isolation & purification/ STEREOISOMERS/ THREONINE

1550. **Host H:** Effect of prednisone on bone marrow cells regenerating from total body irradiation.
Scand J Clin Lab Invest 22:Suppl 106:107+, 1968
ANIMAL EXPERIMENTS/ *BONE MARROW CELLS, drug effects/ *BONE MARROW CELLS, radiation effects/ *IMMUNOSUPPRESSIVE AGENTS, pharmacodynamics/ LEUKOCYTE COUNT/ LYMPHOCYTES, drug effects/ LYMPHOCYTES, radiation effects/ MALE/ *PREDNISONE, pharmacodynamics/ RATS/ *REGENERATION

1551. **Howard G, Blair M, Elstein M, et al:** Low-dose continuous chlormadinone acetate as an oral contraceptive. A clinical trial. Lancet 2:24-6, 5 Jul 69
ACETATES, administration & dosage/ ACETATES, adverse effects/ ACETATES, pharmacodynamics/ *CHLORMADINONE, administration & dosage/ CHLORMADINONE, adverse effects/ CHLORMADINONE, pharmacodynamics/ *CONTRACEPTIVES, ORAL, administration & dosage/ CONTRACEPTIVES, ORAL, adverse effects/ CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ HUMAN/ LACTATION, drug effects/ MENSTRUATION, drug effects/ MENSTRUATION DISORDERS, chemically induced/ PREGNANCY

1552. **Howe A, Thody AJ:** Post-natal development of rat pituitary melanocyte-stimulating hormone and the effect of light. Nature (London) 222:781, 24 May 69
*AGING/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ *LIGHT/ MALE/ *MSH, analysis/ ORGAN WEIGHT/ PITUITARY GLAND, growth & development/ *PITUITARY HORMONE RELEASING FACTORS, radiation effects

1553. **Howland JL, Bottomy DP:** Ion flux coupled to the mitochondrial oxidation of tetramethyl-p-phenylenediamine.
Biochem Biophys Res Commun 35:331-7, 8 May 69
*ANILINE COMPOUNDS, metabolism/ ANIMAL EXPERIMENTS/ *ANTIMYCIN A, pharmacodynamics/ ASCORBIC ACID/ *BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ CALCIUM, metabolism/ CALCIUM ISOTOPES/ MAGNESIUM, metabolism/ *MITOCHONDRIA, LIVER, metabolism/ OXIDATION-REDUCTION/ PHOSPHATES, metabolism/ PHOSPHORUS ISOTOPES/ POTASSIUM, metabolism/ RATS/ SODIUM, metabolism/ STIMULATION, CHEMICAL

1554. **Hoyle L:** The chemical reactions of the haemagglutinins and neuraminidases of different strains of influenza viruses. I. Effect of reagents reacting with amino

acids in the active centres.
J Hyg (Camb) 67:289-99, Jun 69
*AMINO ACIDS/ *ANTIGENS, analysis/ CHEMISTRY/ FLUORINE, pharmacodynamics/ FORMALDEHYDE, pharmacodynamics/ GLYOXYLATES, pharmacodynamics/ HEMAGGLUTININS, VIRAL, analysis/ HISTIDINE, physiology/ INFLUENZA VIRUSES, drug effects/ *INFLUENZA VIRUSES, enzymology/ *INFLUENZA VIRUSES, immunology/ IODINE, pharmacodynamics/ *NEURAMINIDASE, analysis/ NEURAMINIDASE, antagonists & inhibitors/ NITROBENZENES, pharmacodynamics/ SULFONIC ACIDS, pharmacodynamics/ TYROSINE, physiology/ XANTHENES, pharmacodynamics

1555. **Hraba M:** K cytologické diagnostice benigních procesů a nádorů v otolaryngologii.
Cesk Otolaryng 18:111-4, Jun 69 (Cze)
*CYTODIAGNOSIS/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ GOITER, diagnosis/ HUMAN/ METHODS/ *OTORHINOLARYNGOLOGIC DISEASES, diagnosis/ SALIVARY GLAND NEOPLASMS, diagnosis/ TUBERCULOSIS, LYMPH NODE, diagnosis

1556. **Hreshchyshyn MM, Graham RM:** 17-alpha-hydroxyprogesterone caproate treatment of gynecologic cancer.
Amer J Obstet Gynec 104:916-8, 15 Jul 69
*ADENOCARCINOMA, drug therapy/ ADENOCARCINOMA, mortality/ ADULT/ AGE FACTORS/ AGED/ FEMALE/ HUMAN/ *HYDROXYPROGESTERONE, therapeutic use/ MIDDLE AGE/ PROGNOSIS/ TIME FACTORS/ *UTERINE NEOPLASMS, drug therapy/ UTERINE NEOPLASMS, mortality/ VAGINAL SMEARS

1557. **Hrisoho R, Jovčevska S, Cekova S:** Vrednosti na mukoproteinite pri normalni i nekoi patoloski sostojbi.
God Zborn Med Fak Skopje 14:156-65, 1968 (Ser)
CORONARY DISEASE, blood/ ENDOCRINE DISEASES, blood/ FEMALE/ HUMAN/ KIDNEY DISEASES, blood/ LIVER DISEASES, blood/ MALE/ *MUCOPROTEINS, blood/ NEOPLASMS, blood/ RHEUMATISM, blood/ TUBERCULOSIS, PULMONARY, blood

1558. **Huber A:** Ocular symptoms of brain tumors.
Int Ophthal Clin 8:375-407, Summer 68
BLINDNESS, diagnosis/ BRAIN ABSCESS, diagnosis/ *BRAIN NEOPLASMS, diagnosis/ BRAIN STEM/ CEREBRAL ANGIOGRAPHY/ CEREBRAL CORTEX/ CEREBROVASCULAR DISORDERS, radiography/ DIAGNOSIS, DIFFERENTIAL/ EXOPHTHALMOS, diagnosis/ EYE DISEASES, diagnosis/ *EYE MANIFESTATIONS/ HEMATOMA, SUBDURAL, diagnosis/ HUMAN/ HYPERTENSION, diagnosis/ OPHTHALMOSCOPY/ OPTIC ATROPHY, diagnosis/ OPTIC NEURITIS, diagnosis/ PAPILLEDEMA, diagnosis/ RETINAL VESSELS/ SKULL, radiography/ VISION DISORDERS, diagnosis/ VISUAL FIELDS

1559. **Huber A:** Entzündliche Erkrankungen der weiblichen Genitalorgane im Kindesalter.
Wien Med Wschr 119:353-61 contd, 10 May 69 (Ger)
*ADNEXITIS, etiology/ ADNEXITIS, occurrence/ ADOLESCENCE/ AGE FACTORS/ *APPENDICITIS, occurrence/ *CERVICITIS, etiology/ CERVICITIS, occurrence/ CHILD/ CHILD, PRESCHOOL/ ENDOMETRITIS, etiology/ *ENDOMETRITIS, etiology/ ENDOMETRITIS, occurrence/ FEMALE/ FOREIGN BODIES/ GENITALIA, FEMALE, physiology/ GONORRHEA, complications/ HUMAN/ INFANT/ INFANT, NEWBORN/ MONILIASIS, VULVOVAGINAL, complications/ *OOPHORITIS, etiology/ OOPHORITIS, occurrence/ OXYURIASIS, complications/ PREGNANCY/ *SALPINGITIS, etiology/ SALPINGITIS, occurrence/ SEX HORMONES, physiology/ SOCIOECONOMIC FACTORS/ SYPHILIS, complications/ TRICHOMONAS INFECTIONS, complications/ *VULVOVAGINITIS, etiology/ VULVOVAGINITIS, occurrence

1560. **Hubert JC, Speckamp WN, Huisman HO:** Heterocyclic steroids XIV. Total synthesis of d,1-8,9-dehydro-13-azaestrone methyl ether.
Tetrahedron Lett 20:1553-6, Apr 69
ESTERS, chem synthesis/ *ESTRONE, chem synthesis/ *HETEROCYCLIC COMPOUNDS, chem synthesis

1561. **Huddart H:** Caffeine-induced activation of contraction in stick insect skeletal muscle.
Comp Biochem Physiol 28:1185-92, Mar 69
ANIMAL EXPERIMENTS/ *CAFFEINE, pharmacodynamics/ CALCIUM, metabolism/ IN VITRO/ INSECTS/ *MUSCLE CONTRACTION, drug effects/ MUSCLES, metabolism/ PERFUSION/ STIMULATION, CHEMICAL/ TETANY, chemically induced/ TIME FACTORS

1562. **Hughes GR, Currey HL:** Hypospray treatment of tennis elbow.
Ann Rheum Dis 28:58-62, Jan 69
CADAVER/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ DYES/ *ELBOW JOINT/ FEMALE/ HUMAN/ *HYDROCORTISONE, administration & dosage/ *INJECTIONS, SUBCUTANEOUS, instrumentation/ MALE/ METHODS/ MIDDLE AGE/ PERIOSTEUM/ *TENDINITIS, drug therapy/ THIGH

1563. **Hughes RE, Hurley RJ:** The uptake of D-araboascorbic acid (D-isoascorbic acid) by guinea-pig tissues.
Brit J Nutr 23:211-6, Jun 69
ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ ASCORBIC ACID, analysis/ *ASCORBIC ACID, metabolism/ BODY WEIGHT/ CHROMATOGRAPHY, PAPER/ GUINEA PIGS/ INJECTIONS, INTRAMUSCULAR/ INTESTINAL ABSORPTION/ MALE/ SPLEEN, analysis

1564. **Hugon M, Bathien N:** Influence de la stimulation du nerf sural sur divers réflexes monosynaptiques de l'homme.
J Physiol (Paris) 59:Suppl:244, 1967 (Fre)
ELECTROPHYSIOLOGY/ HUMAN/ *LEG, innervation/ *REFLEX/ REFLEX, MONOSYNAPTIC/ *THYROID GLAND, metabolism

1565. **Huguet JH:** L'hypophysiolyse dans les cancers hormono-dépendants (d'après une observation de stage à l'Institut Gustave-Roussy)
Rev Infirm Assist Soc 19:501-4, May 69 (Fre)
NEOPLASMS, radiotherapy/ PITUITARY GLAND IRRADIATION/ SPECIAL LIST NURSING/ STEREOTAXIC TECHNICS/ YTTRIUM ISOTOPES, therapeutic use

1566. **Huijing F, Fernandes J:** X-chromosomal inheritance of liver glycogenosis with phosphorylase kinase deficiency.
Amer J Hum Genet 21:275-84, May 69
ADENINE NUCLEOTIDES, blood/ ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ *CHROMOSOME ABNORMALITIES/ COLOR BLINDNESS, familial & genetic/ CROSSING OVER (GENETICS)/ ERYTHROCYTES/ FEMALE/ GLUCOSYLTRANSFERASES, blood/ *GLYCOGENOSIS, familial & genetic/ HETEROZYGOTE/ HUMAN/ INFANT/ INFANT, NEWBORN/ LEUKOCYTES, enzymology/ MALE/ *METABOLISM, INBORN ERRORS, complications/ METHODS/ MIDDLE AGE/ PEDIGREE/ PHOSPHORYLASE KINASE, blood/ *PHOSPHORYLASE KINASE, metabolism/ *SEX CHROMOSOMES

1567. **Hulbert M:** Adjunctive pelvic irradiation in carcinoma of the endometrium.
J Obstet Gynaec Brit Comm 76:824-30, Jul 69
ADRENAL GLAND DISEASES, radiotherapy/ AGE FACTORS/ AGED/ *ENDOMETRIUM/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ MIDDLE AGE/ NEOPLASM RECURRENCE,

LOCAL/ PELVIS/ PROGNOSIS/ *UTERINE NEOPLASMS, radiotherapy

1568. **Hulka JF, Mohr K:** Placental hormones and graft rejection. Amer J Obstet Gynec 104:889-92, 15 Jul 69
ANIMAL EXPERIMENTS/ CORTISONE, pharmacodynamics/ ESTRADIOL, pharmacodynamics/ FEMALE/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ HISTOCOMPATIBILITY, drug effects/ MALE/ PLACENTAL EXTRACTS, pharmacodynamics/ *PLACENTAL HORMONES, pharmacodynamics/ PLACENTAL LACTOGEN, pharmacodynamics/ PROGESTERONE, pharmacodynamics/ RABBITS/ *SKIN, transplantation/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY, drug effects

1569. **Hunter H:** A controlled study of the psychopathology and physical measurements of Klinefelter's syndrome. Brit J Psychiat 115:443-8, Apr 69
AGGRESSION/ *ANTHROPOMETRY/ DRIVE/ GENOTYPE/ HOMOSEXUALITY, etiology/ HUMAN/ KARYOTYPING/ *KLINEFELTER'S SYNDROME, complications/ KLINEFELTER'S SYNDROME, diagnosis/ MALE/ *MENTAL RETARDATION, etiology/ PARKINSONISM, etiology/ PERSONALITY/ SEX BEHAVIOR

1570. **Hunter ME:** Circadian rhythms and their significance to the anaesthetist: a review.
Canad Anaesth Soc J 16:253-9, May 69 (33 ref.)
ADRENAL GLANDS, physiology/ BLOOD CELL COUNT/ BLOOD CHEMICAL ANALYSIS/ BODY TEMPERATURE REGULATION/ CARDIOVASCULAR SYSTEM, physiology/ CIRCADIAN RHYTHM/ HUMAN/ KIDNEY, physiology/ RESPIRATION/ REVIEW/ SLEEP

1571. **Hunter WM:** Problems in the development of radioimmunoassays for the human pituitary gonadotrophins. J Endocr 43:8-10, Jan 69
ANTIGEN-ANTIBODY REACTIONS/ FSH, analysis/ *GONADOTROPINS, PITUITARY, analysis/ GONADOTROPINS, PITUITARY, blood/ GONADOTROPINS, PITUITARY, urine/ HUMAN/ IODINE ISOTOPES/ LH, analysis/ *RADIOIMMUNOASSAY

1572. **Husain SM, Brazeau P Jr, Saucier R:** Inhibition of growth and width of tibial cartilage in rats by a contraceptive agent. Growth 33:17-24, Mar 69
ANIMAL EXPERIMENTS/ BODY WEIGHT/ *CARTILAGE, drug effects/ CARTILAGE, growth & development/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ EPIPHYSES, drug effects/ EPIPHYSES, growth & development/ FEMALE/ HYPOPHYSECTOMY/ MESTRANOL, pharmacodynamics/ *NORETHYNODREL, pharmacodynamics/ PITUITARY GLAND, analysis/ PITUITARY GLAND, drug effects/ RATS/ SECRETORY RATE, drug effects/ SOMATOTROPIN, analysis/ *TIBIA, drug effects/ TIBIA, growth & development

1573. **Husslein H:** In memoriam Hans Zacherl.
Wien Klin Wschr 80:969-70, 27 Dec 68 (Ger)
AUSTRIA/ CURRENT BIOG-OBIT/ ENDOCRINOLOGY, history/ GYNECOLOGY, history/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT./ OBSTETRICS, history

1574. **Huszti Z, Borsy J:** Comparative studies on the oxidation of 5-hydroxytryptamine and 3,4-dimethoxyphenylethylamine in rat, dog and human brain. J Neurochem 15:1407-13, Dec 68
AGED/ ANIMAL EXPERIMENTS/ *BRAIN, enzymology/ CEREBELLUM, enzymology/ CEREBRAL CORTEX, enzymology/ DOGS/ HUMAN/ HYPOTHALAMUS, enzymology/ MIDDLE AGE/ *MONOAMINE OXIDASE, metabolism/ MONOAMINE OXIDASE INHIBITORS, pharmacodynamics/ OXIDATION-REDUCTION/ OXYGEN CONSUMPTION/ *PHENETHYLAMINES, metabolism/ RATS/ SCHIZOPHRENIA, metabolism/ *SEROTONIN, metabolism/ SPECIES SPECIFICITY/ SPECTROPHOTOMETRY/ THALAMUS, enzymology

1575. **Hüter J, Schmitt H:** Untersuchungen zur Frage der Oxytocin- und Methergein-Resistenz einer Halothan-induzierten Toko- und Tonolyse.
Arch Gynaek 206:431-6, 1968 (Ger)
ANIMAL EXPERIMENTS/ FEMALE/ *HALOTHANE, pharmacodynamics/ HUMAN/ *LABOR, INDUCED/ *METHYLERGONOVINE, antagonists & inhibitors/ MICE/ *OXYTOCIN, antagonists & inhibitors/ PREGNANCY/ RATS/ UTERINE INERTIA, chemically induced/ *UTERUS, drug effects

1576. **Huygelen C, Sigel MM, Zygraich N, et al:** Safety testing of rubella virus vaccine (Cendehill strain). Preparation in primary rabbit kidney cells.
Amer J Dis Child 118:362-6, Aug 69
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ ANTIBODY FORMATION/ CARNIVORA/ CHEEK/ CORTISONE, pharmacodynamics/ FREEZE DRYING/ GERBILS/ GUINEA PIGS/ HAMSTERS/ HUMAN/ INJECTIONS/ KIDNEY/ METHODS/ MICE/ MONKEYS/ NEOPLASMS, EXPERIMENTAL, etiology/ NEOPLASMS, EXPERIMENTAL, occurrence/ NEPHRECTOMY/ RABBITS/ RADIATION EFFECTS/ RATS/ RUBELLA, immunology/ RUBELLA VACCINE/ *RUBELLA VIRUS/ RUBELLA VIRUS, isolation & purification/ TEMPERATURE/ THYMECTOMY/ TISSUE CULTURE/ *VIRAL VACCINES/ VIRUS CULTIVATION

1577. **Hyatt KH, Kamenetsky LG, Smith WM:** Extravascular dehydration as an etiologic factor in post-recumbency orthostatism. Aerospace Med 40:644-50, Jun 69
BLOOD VOLUME/ CARDIAC OUTPUT/ *CARDIOVASCULAR SYSTEM, physiology/ *DEHYDRATION/ EXERTION/ HEART RATE/ HEMODYNAMICS/ HUMAN/ HYDROCORTISONE, pharmacodynamics/ MALE/ *POSTURE/ *REST/ SODIUM, physiology/ TISSUE SPACES/ *WATER-ELECTROLYTE BALANCE

1578. **Hyder M, Kirschner MA:** Detection and estimation of testosterone in the testes of Tilapia leucosticta (Pisces: Cichlidae). J Endocr 44:281-2, Jun 69
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY/ CHROMATOGRAPHY, THIN LAYER/ *FISHES/ MALE/ ORGAN WEIGHT/ *TESTIS, analysis/ *TESTOSTERONE, analysis/ TRITIUM

1579. **Hyndiuk RA:** Radioactive depot-corticosteroid penetration into monkey ocular tissue. II. Subconjunctival administration.
Arch Ophthal (Chicago) 82:259-63, Aug 69
ANIMAL EXPERIMENTS/ CONJUNCTIVA/ CORNEA, analysis/ DEXAMETHASONE, administration & dosage/ *DEXAMETHASONE, metabolism/ *EYE, metabolism/ INJECTIONS/ METHYLPREDNISOLONE, administration & dosage/ *METHYLPREDNISOLONE, metabolism/ MONKEYS/ RADIOISOTOPE SCANNING/ RETINA, analysis/ SCLERA, analysis/ TIME FACTORS/ TRITIUM, metabolism/ UVEA, analysis

I

1580. **Iakovleva IV, Okhonskaia IA, Polenov AL:** Morfologicheskiĭ analiz sostoianiia gipotalamo-gipotalamo-gipofizarnoĭ neĭrosekretornoĭ sistemy i shchitovidnoĭ zhelezy belykh myshei v usloviiakh dlitel'noĭ solevoĭ nagruzki.
Biull Eksp Biol Med 63:91-5, Apr 67 (Rus)
ANIMAL EXPERIMENTS/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, drug effects/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, secretion/ MALE/ MICE/ MICROSCOPY/ *SODIUM CHLORIDE,

pharmacodynamics/ THYROID GLAND, drug effects/ *THYROID GLAND, physiology/ THYROID GLAND, secretion

1581. **Iarukov L, Nedelcheva E:** Bioelektricheska aktivnost na matkata i uterokineza.
Akush Ginek (Sofiia) 7:359-67, 1968 (46 ref.) **(Bul)**
ELECTROMYOGRAPHY/ *ELECTROPHYSIOLOGY/ ESTROGENS, physiology/ FEMALE/ HUMAN/ HYSTEROSALPINGOGRAPHY/ LABOR/ *MUSCLE CONTRACTION/ *PREGNANCY/ PROGESTERONE, physiology/ REVIEW/ UTERINE INERTIA/ *UTERUS, physiology

1582. **Ichev K:** Structural design of the terminal vascular network in the thyroid gland of dog under various functional conditions.
Nauch Tr Vissh Med Inst Sofiia 47:17-21, 1968
ANIMAL EXPERIMENTS/ DOGS/ IMIDAZOLES, pharmacodynamics/ *THYROID GLAND, blood supply/ THYROID GLAND, drug effects/ THYROID GLAND, physiology/ TISSUE EXTRACTS, pharmacodynamics

1583. **Ichev K:** Alkaline phosphatase distribution in the thyroid vessels of dog.
Nauch Tr Vissh Med Inst Sofiia 47:23-8, 1968
*ALKALINE PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ *BLOOD VESSELS, enzymology/ CAPILLARIES, enzymology/ DOGS/ *THYROID GLAND, blood supply/ *THYROID GLAND, enzymology

1584. **Ichida C, Yamakido M, Yokoyama M, et al:** Immunoglobulin levels in diseases.
Hawaii Med J 28:377-9, May-Jun 69
ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ *GAMMA GLOBULIN, analysis/ HUMAN/ *HYPERTHYROIDISM, blood/ MALE/ MIDDLE AGE/ *MULTIPLE SCLEROSIS, blood/ *MYOCARDIAL INFARCT, blood/ *STOMACH NEOPLASMS, blood

1585. **Ichihara A, Takahashi H:** Transaminases of branched-chain amino acids. V. Activity change in developing and regenerating rat liver.
Biochim Biophys Acta 167:274-9, 8 Oct 68
ADRENALECTOMY/ AGING/ *AMINOTRANSFERASES/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, ION EXCHANGE/ FEMALE/ FETUS, enzymology/ HEPATECTOMY/ *ISOLEUCINE/ *LEUCINE/ *LIVER, enzymology/ *LIVER REGENERATION/ MALE/ RATS/ *VALINE

1586. **Ichijo S:** [Senile changes of the testis with relation to its vascular patterns: a microangiographic and histologic study] Jap J Urol 60:304-12, Apr 69 **(Jap)**
ADOLESCENCE/ ADULT/ AGED/ *AGING/ ANGIOGRAPHY/ ARTERIES/ BASEMENT MEMBRANE/ HISTOCYTOCHEMISTRY/ HUMAN/ MALE/ MIDDLE AGE/ *TESTIS, blood supply/ TESTIS, cytology/ VAS DEFERENS/ VEINS

1587. **Ide M, Takeshita Y, Fukui I, et al:** [Quantitation of human serum prealbumin by single radial immunodiffusion]
Folia Endocr Jap 44:1277-80, 20 Mar 69 **(Jap)**
ADULT/ AGED/ FEMALE/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNOELECTROPHORESIS/ MALE/ MIDDLE AGE/ *SERUM ALBUMIN, analysis/ TEMPERATURE/ THYROXINE-BINDING PROTEIN

1588. **Igari J, Shimada Y, Kurosawa M:** [Studies on plasma corticosteroids. 2. Levels of plasma free 11-hydroxycorticosteroids in healthy adults and its diurnal and daily variations]
Folia Endocr Jap 44:1281-5, 20 Mar 69 **(Jap)**
ADOLESCENCE/ *ADRENAL CORTEX HORMONES, blood/ ADULT/ AGED/ CEREBROVASCULAR DISORDERS, blood/ *CIRCADIAN RHYTHM/ FEMALE/ HUMAN/ MALE/ PERIODICITY/ TIME FACTORS

1589. **Iino S, Hayashi K, Watanabe T, et al:** [Thyroid function tests] Jap J Clin Med 27:265-71, Feb 69 (32 ref.) **(Jap)**
ADULT/ AUTOANTIBODIES, analysis/ CREATINE KINASE, blood/ DIIODOTYROSINE, blood/ FEMALE/ HUMAN/ IODINE ISOTOPES/ MIDDLE AGE/ REVIEW/ TECHNETIUM/ THYROID GLAND, immunology/ *THYROID GLAND FUNCTION TESTS/ THYROXINE, blood/ THYROXINE-BINDING PROTEIN, blood/ TRIIODOTHYRONINE, blood

1590. **Illig L:** Die physikalische Urtikaria und ihre Untersuchungsmöglichkeiten.
Schweiz Med Wschr 99:668-76, May 69 **(Ger)**
ADRENAL CORTEX HORMONES, therapeutic use/ ANTIHISTAMINICS, therapeutic use/ ANTIMALARIALS, therapeutic use/ DESENSITIZATION/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HUMAN/ PENICILLIN, therapeutic use/ SHOCK THERAPY, INSULIN/ *URTICARIA/ URTICARIA, classification/ URTICARIA, diagnosis/ URTICARIA, drug therapy/ URTICARIA, etiology/ URTICARIA, therapy

1591. **Illingworth DV:** Luteolytic and luteotrophic effects of oestrogen in the guinea-pig.
J Reprod Fertil 18:548-9, Apr 69
ANIMAL EXPERIMENTS/ CORPUS LUTEUM, anatomy & histology/ *CORPUS LUTEUM, drug effects/ *DIETHYLSTILBESTROL, pharmacodynamics/ ESTRUS/ FEMALE/ GUINEA PIGS/ HYPOPHYSECTOMY/ HYSTERECTOMY/ PITUITARY GLAND, physiology/ UTERUS, physiology

1592. **Inano H, Machino A, Tamaoki B:** Localization of the delta5-3beta-hydroxysteroid dehydrogenase and 21-hydroxylase activities in smooth-surfaced microsomes of adrenals. Steroids 13:357-63, Mar 69
*ADRENAL GLANDS, enzymology/ ANIMAL EXPERIMENTS/ CENTRIFUGATION, DENSITY GRADIENT/ CESIUM/ CHLORIDES/ HYDROLASES, analysis/ *HYDROXYLASES, metabolism/ HYDROXYSTEROID DEHYDROGENASE, analysis/ *HYDROXYSTEROID DEHYDROGENASE, metabolism/ MALE/ METHODS/ *MICROSOMES, enzymology/ PROTEINS, analysis/ RATS/ RNA, analysis

1593. **Inoue M, Sugihara Y:** [Effects of estriol on myometrial contraction]
Folia Endocr Jap 44:1203-6, 20 Feb 69 **(Jap)**
ACETYLCHOLINE, metabolism/ ANIMAL EXPERIMENTS/ CERVIX UTERI, drug effects/ ENDOMETRIUM, drug effects/ *ESTRIOL, pharmacodynamics/ FEMALE/ IN VITRO/ *MUSCLE CONTRACTION, drug effects/ OXYTOCIN, antagonists & inhibitors/ PREGNANCY/ RATS/ *UTERUS, drug effects

1594. **Inoué S:** Hypothalamic potentials evoked by electrical stimulation of the vaginal cervix in the estrous guinea-pig. Kybernetik 5:171-3, Jan 69
ANIMAL EXPERIMENTS/ *CERVIX UTERI/ *ELECTRIC STIMULATION/ ESTRUS/ *EVOKED POTENTIALS/ FEMALE/ GUINEA PIGS/ *HYPOTHALAMUS/ PROLACTIN, secretion

1595. **Inui S, Note S, Furukawa O, et al:** [2 cases of adrenal pheochromocytoma]
Clin Endocr (Tokyo) 17:198-206, Mar 69 **(Jap)**
*ADRENAL GLAND NEOPLASMS/ ADULT/ FEMALE/ HUMAN/ MIDDLE AGE/ *PHEOCHROMOCYTOMA

1596. **Ioannou JM:** Radiosensitivity of oocytes in post-natal guinea-pigs. J Reprod Fertil 18:287-95, Mar 69
ANIMAL EXPERIMENTS/ CELL NUCLEUS, radiation effects/ FEMALE/ GUINEA PIGS/ OVARY, cytology/ *OVUM, radiation effects/ *RADIATION EFFECTS/ RADIOMETRY

1597. **Irfan H:** Human chromosomes--normal and abnormal.
Curr Med Drugs 8:3-15, Apr 68
CELL DIVISION/ *CHROMOSOME ABERRATIONS/ *CHROMOSOME ABNORMALITIES/ *CHROMOSOMES/

FEMALE/ HUMAN/ KARYOTYPING/ MALE/ SEX CHROMOSOME ABNORMALITIES

598. **Irger IM, Skorunskii IA, Zenkov LR:** Patogenez smeshchenila ul'trazvukovykh ekho-signalov ot srednnykh obrazovanii mozga pri supratentorial'nykh opukholiakh.
Vop Neirokhir 33:34-40, Jan-Feb 69 (Rus)
*BRAIN NEOPLASMS, diagnosis/ CEREBRAL VENTRICLE NEOPLASMS, diagnosis/ CRANIOPHARYNGIOMA, diagnosis/ *ECHOENCEPHALOGRAPHY/ FRONTAL LOBE/ HUMAN/ OCCIPITAL LOBE/ PARIETAL LOBE/ PITUITARY NEOPLASMS, diagnosis/ TEMPORAL LOBE

599. **Irvine AR, Capella JA, Kaufman HE:** Corneal thickness: postoperative changes in refrigerated and cryopreserved corneal grafts.
Arch Ophthal (Chicago) 82:232-8, Aug 69
ADULT/ CORNEA, physiology/ CORNEA, surgery/ *CORNEA, transplantation/ DEXAMETHASONE, therapeutic use/ EDEMA/ EYE DISEASES, surgery/ *FREEZING/ HUMAN/ IRITIS, drug therapy/ IRITIS, etiology/ POSTOPERATIVE COMPLICATIONS/ *REFRIGERATION/ TISSUE DONORS/ TISSUE PRESERVATION/ TRANSPLANTATION, HOMOLOGOUS

600. **Irvine WJ, Chan MM, Scarth L:** The further characterization of autoantibodies reactive with extra-adrenal steroid-producing cells in patients with adrenal disorders. Clin Exp Immun 4:489-503, May 69
ABSORPTION/ *ADDISON'S DISEASE, immunology/ ADOLESCENCE/ ADULT/ AGED/ ANTIGENS/ *AUTOANTIBODIES, analysis/ CUSHING'S SYNDROME, immunology/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ *GONADS, immunology/ HUMAN/ MALE/ MIDDLE AGE/ OVARY, immunology/ *PLACENTA, immunology/ PREGNANCY/ STEROIDS, biosynthesis/ TESTIS, immunology

601. **Irvine WJ, McFadzean AJ, Todd D, et al:** Pernicious anaemia in the Chinese: a clinical and immunological study. Clin Exp Immun 4:375-86, Apr 69
ADULT/ *ANEMIA, PERNICIOUS, immunology/ *ANEMIA, PERNICIOUS, occurrence/ ATROPHY/ AUTOANTIBODIES, analysis/ FEMALE/ GASTRITIS, immunology/ HONG KONG/ HUMAN/ HYPERTHYROIDISM, immunology/ INTESTINAL ABSORPTION/ INTRINSIC FACTOR/ MALE/ MIDDLE AGE/ *MONGOLOID RACE/ STOMACH, immunology/ VITAMIN B 12, metabolism

602. **Irvine WJ, Scarth L:** Antibody to the oxyphil cells of the human parathyroid in idiopathic hypoparathyroidism.
Clin Exp Immun 4:505-10, May 69
ADULT/ *AUTOANTIBODIES, analysis/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ *HYPOPARATHYROIDISM, immunology/ PARATHYROID GLANDS, cytology/ *PARATHYROID GLANDS, immunology

603. **Isaac PF, Pennefather JN, Silva DG:** The ovarian and hypogastric innervation of the guinea-pig uterus.
Europ J Pharmacol 5:384-90, Mar 69
ANIMAL EXPERIMENTS/ ATROPINE, pharmacodynamics/ FEMALE/ GUINEA PIGS/ HEXAMETHONIUM COMPOUNDS, pharmacodynamics/ *HYPOGASTRIC PLEXUS, innervation/ MICROSCOPY, ELECTRON/ MUSCLE CONTRACTION, drug effects/ NEURONS, anatomy & histology/ *OVARY, innervation/ PHENOXYBENZAMINE, pharmacodynamics/ PHENTOLAMINE, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ *UTERUS, innervation

604. **Ishibashi Y:** [Current trends in an immunological approach in cancer therapy]
J Jap Med Ass 61:271-82, Feb 69 (Jap)
ANIMAL EXPERIMENTS/ BONE MARROW CELLS, transplantation/ CHILD, PRESCHOOL/ CHONDROSARCOMA, therapy/ FEMALE/ HUMAN/ MALE/ NEOPLASM TRANSPLANTATION/ *NEOPLASMS, immunology/ NEOPLASMS, therapy/ NEOPLASMS, EXPERIMENTAL, therapy/ RATS/ TESTICULAR NEOPLASMS, therapy/ TRANSPLANTATION, HOMOLOGOUS

1605. **Ishii S, Kikuyama S:** [Changes in the hypothalamo-hypophyseo-gonadal system in male rats at the onset of puberty]
Clin Endocr (Tokyo) 17:113-8, Feb 69 (Jap)
ANIMAL EXPERIMENTS/ CAPILLARIES, growth & development/ FSH, secretion/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ LH, secretion/ MALE/ ORGAN WEIGHT/ PITUITARY GLAND, physiology/ PROSTATE, physiology/ *PUBERTY/ RATS/ *TESTIS, physiology

1606. **Ishikawa N, Muramatsu S, Ueda S:** [Purification of monoiodohistidine]
J Pharm Soc Jap 89:283-5, Feb 69 (Jap)
CHROMATOGRAPHY/ *HISTIDINE, isolation & purification/ IODINE/ METHODS

1607. **Ishizuki Y, Nagasaka A, Mizuno M:** [Case of hyperthyroidism and acute thyroiditis developing during administration of thyroid hormones]
Clin Endocr (Tokyo) 17:125-7, Feb 69 (Jap)
ACUTE DISEASE/ ADULT/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, chemically induced/ IODINE ISOTOPES, therapeutic use/ PREDNISOLONE, therapeutic use/ *THYROID HORMONES, adverse effects/ *THYROIDITIS, chemically induced

1608. **Ismail AA, Davidson DW, Kirkham KE, et al:** Studies on the endocrinology of hirsutism in women.
J Endocr 43:28, Jan 69
AMENORRHEA, complications/ *ESTROGENS, urine/ FEMALE/ HIRSUTISM, complications/ *HIRSUTISM, urine/ HUMAN/ *PREGNANEDIOL, urine/ *TESTOSTERONE, urine

1609. **Ismail AA, Loraine JA:** Recent studies on androgenic function in human subjects.
J Obstet Gynaec Brit Comm 75:929-40, Sep 68 (78 ref.)
ACNE, urine/ ADOLESCENCE/ ADRENAL GLAND DISEASES, urine/ ADRENAL GLAND NEOPLASMS, urine/ ADULT/ AGE FACTORS/ *ANDROGENS, physiology/ ANDROGENS, secretion/ CHILD/ CHROMATOGRAPHY, GAS/ COITUS/ FEMALE/ GLUCURONATES, metabolism/ HIRSUTISM, urine/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ IMPOTENCE/ KLINEFELTER'S SYNDROME/ MALE/ MENSTRUATION/ MYOCARDIAL INFARCT, urine/ PUBERTY, PRECOCIOUS, urine/ REVIEW/ SEX CHROMOSOME ABNORMALITIES/ SEX FACTORS/ TESTICULAR NEOPLASMS, urine/ *TESTOSTERONE, blood/ *TESTOSTERONE, urine/ VIRILISM, urine

1610. **Israel SL:** The ecology of infertility. The barren couple in a world of conception control.
Nova Scotia Med Bull 48:31-5, Apr 69
ADULT/ AMENORRHEA, complications/ *CONTRACEPTION/ FEMALE/ HUMAN/ HYPOGONADISM, complications/ INSEMINATION, ARTIFICIAL/ MALE/ *MARRIAGE/ OVARIAN CYSTS, complications/ OVULATION/ SPERMATOZOA/ *STERILITY, FEMALE/ *STERILITY, MALE/ VARICOCELE, complications

1611. **Iturriza JR de, Tanner JM:** Cone-shaped epiphyses and other minor anomalies in the hands of normal British children. J Pediat 75:265-72, Aug 69
ADOLESCENCE/ AGE FACTORS/ *BONE AND BONES, abnormalities/ CAUCASIAN RACE/ CHILD/ CHILD, PRESCHOOL/ ENGLAND/ *EPIPHYSES, abnormalities/ EPIPHYSES, radiography/ FEMALE/ FINGERS, abnormalities/ HAND, radiography/ *HAND DEFORMITIES, occurrence/ HUMAN/ INFANT/ MALE/ METACARPUS, abnormalities/ SEX FACTORS

1612. **Ivannik BP, Riabchenko NI:** Analiz pervichnykh lokal'nykh povrezhdenii v DNK, vydelennoi iz

pechenii i zobnoĭ zhelezy obluchennykh krys.
Radiobiologiia 7:332-3, May-Jun 67 (Rus)
ANIMAL EXPERIMENTS/ DNA, isolation & purification/ *DNA, radiation effects/ LIVER, analysis/ *LIVER, radiation effects/ *RADIATION EFFECTS/ RATS/ THYROID GLAND, analysis/ *THYROID GLAND, radiation effects

1613. **Ivanov II, Rudakov VV:** Vliianie rentgenovskogo obluchenila na sintez spetsificheskikh tkanevykh belkov i belkovykh sekretov.
Radiobiologiia 7:319-22, May-Jun 67 (Rus)
ANIMAL EXPERIMENTS/ BREAST, radiation effects/ GOATS/ *LACTATION, radiation effects/ PROTEINS, biosynthesis/ *PROTEINS, radiation effects/ *RADIATION EFFECTS

1614. **Ivanova AV:** Opyt dispanserizatsii bol'nykh bol'shimi kollagenozami. Ter Arkh 39:52-6, Mar 67 (Rus)
*ADRENAL CORTEX HORMONES, therapeutic use/ *AMBULATORY CARE/ *COLLAGEN DISEASES, therapy/ HUMAN

1615. **Iwai K, Imura H, Sako Y, et al:** [Anterior pituitary function test]
Jap J Clin Med 27:248-58, Feb 69 (81 ref.) (Jap)
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CORTICOTROPIN, blood/ CORTICOTROPIN, secretion/ DEXAMETHASONE, diagnostic use/ HUMAN/ INSULIN, diagnostic use/ METYRAPONE, diagnostic use/ MSH, blood/ *PITUITARY-ADRENAL FUNCTION TESTS/ PITUITARY DISEASES, physiopathology/ *PITUITARY GLAND FUNCTION TESTS/ PYROGENS, diagnostic use/ RADIOIMMUNOASSAY/ REVIEW/ SOMATOTROPIN, blood/ THYROTROPIN, blood/ THYROTROPIN, diagnostic use/ VASOPRESSIN, diagnostic use

1616. **Iwata H, Watanabe K, Nishikawa T, et al:** Effects of drugs on behavior, heart rate and catecholamine levels in thiamine-deficient rats.
Europ J Pharmacol 6:83-9, May 69
ADRENAL GLANDS, analysis/ *AMPHETAMINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BEHAVIOR, ANIMAL, drug effects/ BRAIN, analysis/ BRAIN STEM, analysis/ *CATECHOLAMINES, analysis/ CEREBELLUM, analysis/ COMPARATIVE STUDY/ HEART ATRIUM, analysis/ *HEART RATE, drug effects/ HEART VENTRICLE, analysis/ RATS/ *RESERPINE, pharmacodynamics/ SPLEEN, analysis/ *THIAMINE DEFICIENCY, metabolism/ *TYRAMINE, pharmacodynamics

1617. **Izakovič V:** Mosaicism 45,X/46,XX in two sisters.
J Clin Endocr 29:863, Jun 69
ADULT/ FEMALE/ HUMAN/ KARYOTYPING/ *MOSAICISM/ MOUTH MUCOSA, cytology/ SEX CHROMATIN/ *SEX CHROMOSOME ABNORMALITIES, familial & genetic

1618. **Izakovič V:** Monozómia X (karyotyp 45, X)
Bratisl Lek Listy 51:589-99, 1969 (Slo)
ADOLESCENCE/ ADULT/ *ANEUPLOIDY/ BODY HEIGHT/ BODY WEIGHT/ CHILD/ CYTOGENETICS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ KARYOTYPING/ MITOSIS/ SEX CHROMATIN/ TURNER'S SYNDROME

1619. **Izakovič V:** Monozómia X v mozaike. I(XO-XX, XO-XXX, XO-XX-XXX)] (Slo)
Bratisl Lek Listy 51:725-33, 1969 (Slo)
ADOLESCENCE/ ADULT/ *ANEUPLOIDY/ CELL DIVISION/ CHILD/ CHROMOSOME MAPPING/ CHROMOSOMES/ CYTOGENETICS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ KARYOTYPING/ MITOSIS/ *MOSAICISM/ SEX CHROMATIN/ TRISOMY/ TURNER'S SYNDROME

1620. **Izenstark JL, Forsaith AL, Horwitz NH:** The pyramidal lobe in thyroid imaging. J Nucl Med 10:519-24, Aug 69
ADOLESCENCE/ ADULT/ AGED/ CHILD/ FEMALE/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ MIDDLE AGE/ *RADIOISOTOPE SCANNING/ *THYROID GLAND, anatomy & histology/ THYROID GLAND, embryology/ THYROIDECTOMY

J

1621. **Jabloński K, Bauer A, Karolak A, et al:** Urinary mucoprotein fractions and 17-ketosteroids in healthy women and in patients with the stein-leventhal syndrome. Arch Immun Ther Exp 17:253-60, 1969
ADRENAL CORTEX HORMONES, biosynthesis/ ANDROSTERONE, biosynthesis/ CHROMATOGRAPHY/ FEMALE/ HIRSUTISM, etiology/ HUMAN/ *17-KETOSTEROIDS, urine/ *MUCOPROTEINS, urine/ STEIN-LEVENTHAL SYNDROME, complications/ *STEIN-LEVENTHAL SYNDROME, urine/ VIRILISM, etiology

1622. **Jabloński K, Komorski J, Sward J, et al:** Choroba zakrzepowa w materiale II Kliniki Położnictwa i Chorób Kobiecych Akademii Medycznej we Wrocławiu. Wiad Lek 22:905-8, 15 May 69 (Pol)
ADRENAL CORTEX HORMONES, adverse effects/ BISHYDROXYCOUMARIN, adverse effects/ CESAREAN SECTION/ ESTROGENS, adverse effects/ FEMALE/ HUMAN/ POLAND/ *PREGNANCY/ *PREGNANCY COMPLICATIONS/ *THROMBOPHLEBITIS, occurrence

1623. **Jackanicz TM, Wiqvist N, Diczfalusy E:** Conversion of 17-alpha-hydroxypregnenolone to alpha, beta-unsaturated 3-ketosteroids by the previable human foetus.
Biochim Biophys Acta 176:883-5, 10 Jun 69
ADRENAL GLANDS, metabolism/ CARBON ISOTOPES/ CHROMATOGRAPHY, PAPER/ CRYSTALLIZATION/ FEMALE/ *FETUS, metabolism/ HUMAN/ HYDROCORTISONE, metabolism/ HYDROXYPREGNENOLONE, metabolism/ *HYDROXYPROGESTERONE, metabolism/ MALE/ PERFUSION/ PREGNANCY/ SNAILS/ SOLVENTS/ TRITIUM

1624. **Jackson GL, Nalbandov AV:** Ovarian ascorbic acid depleting factors in the chicken hypothalamus.
Endocrinology 85:113-20, Jul 69
ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ *ASCORBIC ACID, metabolism/ BIOLOGICAL ASSAY/ CEREBRAL CORTEX, physiology/ *CHICKENS/ DIALYSIS/ FEMALE/ GEL FILTRATION/ HEAT/ *HYPOTHALAMUS, physiology/ LH, secretion/ *OVARY, metabolism/ PHOSPHORUS ISOTOPES/ PITUITARY HORMONE RELEASING FACTORS/ THIOGLYCOLATES/ TISSUE EXTRACTS, analysis/ VASOTOCIN, pharmacodynamics

1625. **Jackson H:** The effects of low radiation doses.
S Afr Med J 43:548, 3 May 69
ABDOMEN, radiation effects/ FEMALE/ GONADS, radiation effects/ HUMAN/ OVARY, radiation effects/ PREGNANCY/ *RADIATION EFFECTS/ *RADIOGRAPHY, adverse effects

1626. **Jacob E, Lim P, Khoo OT:** Serum ionized calcium leve in chronic renal failure. Med J Aust 1:1172-4, 7 Jun 6
ACID-BASE EQUILIBRIUM/ ADOLESCENCE/ ADULT/ BLOOD SPECIMEN COLLECTION/ *CALCIUM, blood/ CARBON DIOXIDE, blood/ CHILD/ CREATININE, blood/ FEMALE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *KIDNEY FAILURE, CHRONIC, blood/ MAGNESIUM, blood/ MALE/ METHODS/ MIDDLE AGE/ PARTIAL PRESSURE/ TETANY, etiology/ ULTRACENTRIFUGATION/ UREMIA, metabolism

1627. **Jacobi H:** Icterus gravis in der Neugeborenenperiode Therapie und Prognose.
Med Klin 64:580-3, 28 Mar 69 (Ger
ADRENAL CORTEX HORMONES, therapeutic use/ *EXCHANGE TRANSFUSION/ EXCHANGE TRANSFUSION, adverse effects/ HUMAN/ INFANT, NEWBORN/ JAUNDICE, NEONATAL, diagnosis/ JAUNDICE, NEONATAL, drug therapy/ JAUNDICE,

NEONATAL, etiology/ *JAUNDICE, NEONATAL, therapy/ KERNICTERUS, complications/ METHODS/ PREGNANCY/ PROGNOSIS/ SERUM ALBUMIN, therapeutic use

1628. **Jacobs HL, Sharma KN:** Taste versus calories: sensory and metabolic signals in the control of food intake. Ann NY Acad Sci 157:1084-125, 15 May 69
ANIMAL EXPERIMENTS/ DIET/ DOGS/ *FEEDING BEHAVIOR/ HUNGER/ HYPOTHALAMUS, physiology/ METABOLISM/ MODELS, BIOLOGIC/ NUTRITION/ RATS/ *RECEPTORS, NEURAL/ *TASTE

1629. **Jacobson AL, Stapleton J:** Effect of N-propyl thiouracil on muscle. Arch Biochem 131:327-35, May 69
ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ CHLORIDES, pharmacodynamics/ EDTA, pharmacodynamics/ KINETICS/ MAGNESIUM/ MICROSCOPY, ELECTRON/ MUSCLE PROTEINS, metabolism/ MUSCLES, cytology/ *MUSCLES, drug effects/ MYOFIBRILS, drug effects/ OSMOLAR CONCENTRATION/ *PROPYLTHIOURACIL, pharmacodynamics/ RABBITS/ THYROID GLAND, anatomy & histology/ THYROID GLAND, drug effects/ TIME FACTORS

1630. **Jacobson ED, Price WE:** Effect of hydrocortisone on gastric mucosal blood flow and secretion. Gastroenterology 57:36-43, Jul 69
ANIMAL EXPERIMENTS/ BLOOD FLOW VELOCITY/ DOGS/ GASTRIC ACIDITY DETERMINATION/ *GASTRIC JUICE, secretion/ *GASTRIC MUCOSA, blood supply/ *HYDROCORTISONE, pharmacodynamics/ REGIONAL BLOOD FLOW, drug effects/ SECRETORY RATE/ *STOMACH, drug effects/ STOMACH, secretion/ TIME FACTORS/ VAGOTOMY

1631. **Jacobson M, Kuntzman R:** Studies on testosterone hydroxylation and pentobarbital oxidation by rat liver microsomes: selective effects of age, sex, castration and testosterone propionate treatment. Steroids 13:327-41, Mar 69
AGE FACTORS/ ANIMAL EXPERIMENTS/ CASTRATION/ FEMALE/ *LIVER, metabolism/ MALE/ METHODS/ *MICROSOMES, metabolism/ OXIDATION-REDUCTION/ *PENTOBARBITAL, metabolism/ PROPIONATES, pharmacodynamics/ RATS/ SEX FACTORS/ *TESTOSTERONE, metabolism/ TESTOSTERONE, pharmacodynamics

1632. **Jafee RB, Midgley AR Jr, Goebelsmann U:** Regulation of human gonadotropins. V. Effect of dydrogesterone on serum levels of follicle-stimulating and luteinizing hormones in women. Amer J Obstet Gynec 104:1031-7, 1 Aug 69
BODY TEMPERATURE/ CHROMATOGRAPHY, GAS/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ *FSH, blood/ GONADOTROPINS, physiology/ HUMAN/ *LH, blood/ *MENSTRUATION/ PREGNANEDIOL, urine/ *PROGESTATIONAL HORMONES, pharmacodynamics/ RADIOIMMUNOASSAY

1633. **Jaffe RB, Harrison TS, Cerny JC:** Localization of metastatic pheochromocytoma in pregnancy by caval catheterization. Including urinary catecholamine values in uncomplicated pregnancies. Amer J Obstet Gynec 104:939-44, 1 Aug 69
*ABDOMINAL NEOPLASMS, diagnosis/ ABDOMINAL NEOPLASMS, urine/ ABORTION, THERAPEUTIC/ ADRENAL GLAND NEOPLASMS/ ADULT/ *CATECHOLAMINES, analysis/ CATHETERIZATION/ CIRCADIAN RHYTHM/ FEMALE/ HUMAN/ METHODS/ NEOPLASM METASTASIS, diagnosis/ *PHEOCHROMOCYTOMA, diagnosis/ PHEOCHROMOCYTOMA, urine/ PREGNANCY/ *PREGNANCY COMPLICATIONS, diagnosis/ PREGNANCY COMPLICATIONS, urine/ *VENA CAVA, INFERIOR

1634. **Jagiello GM:** Meiosis and inhibition of ovulation in mouse eggs treated with actinomycin D. J Cell Biol 42:571-4, Aug 69
ANIMAL EXPERIMENTS/ CHROMOSOME ABERRATIONS/ CYTOGENETICS/ *DACTINOMYCIN, pharmacodynamics/ FEMALE/ IN VITRO/ *MEIOSIS, drug effects/ MICE/ *OVULATION, drug effects/ *OVUM, drug effects/ PREGNANCY/ PREGNANCY, ANIMAL

1635. **Jaisle F:** Lipide während Schwangerschaft und Wehentätigkeit. Med Klin 64:139-42, 24 Jan 69 (Ger)
*CHOLESTEROL, blood/ ESTERS, blood/ FATTY ACIDS, pharmacodynamics/ *FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ HUMAN/ *LABOR/ LABOR, drug effects/ *LIPIDS, blood/ OXYTOCIN, pharmacodynamics/ *PHOSPHOLIPIDS, blood/ *PREGNANCY/ *TRIGLYCERIDES, blood/ VASODILATOR AGENTS, pharmacodynamics

1636. **Jakubecz S, Nagy T:** Die Differentialdiagnose der Pseudoatypia und Atypia vera der Portio uteri bei Ostrogenanwendung. Med Mschr 21:463-6, Oct 67 (Ger)
ADULT/ *CERVIX DISEASES, chemically induced/ CERVIX DISEASES, diagnosis/ *CERVIX NEOPLASMS, chemically induced/ DIAGNOSIS, DIFFERENTIAL/ *ESTRIOL, adverse effects/ FEMALE/ HUMAN/ PRECANCEROUS CONDITIONS, chemically induced/ UTERUS, pathology

1637. **James DG:** The management of sarcoidosis. Ther Umsch 25:611-5, Nov 68
ADULT/ *CHLOROQUINE, therapeutic use/ *GLUCOCORTICOIDS, therapeutic use/ HUMAN/ *OXYPHENBUTAZONE, therapeutic use/ *SARCOIDOSIS/ SARCOIDOSIS, complications/ SARCOIDOSIS, diagnosis/ SARCOIDOSIS, drug therapy/ SARCOIDOSIS, pathology

1638. **James DG:** Epidemiology and management of sarcoidosis. Practitioner 202:624-31, May 69
ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ CHILD/ CHLOROQUINE, therapeutic use/ FEMALE/ HUMAN/ MALE/ OXYPHENBUTAZONE, therapeutic use/ PREGNANCY/ *SARCOIDOSIS, drug therapy/ *SARCOIDOSIS, occurrence

1639. **James DG, Bailey A:** Management of sarcoidosis. Geriatrics 24:140-6, Jun 69
ACUTE DISEASE/ ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ AMINOBENZOIC ACID, therapeutic use/ CALCIUM, blood/ CALCIUM, urine/ CHILD/ CHLOROQUINE, therapeutic use/ CHRONIC DISEASE/ DIAGNOSIS, DIFFERENTIAL/ DYSPNEA, drug therapy/ EYE DISEASES, drug therapy/ FEMALE/ HEART DISEASES, drug therapy/ HUMAN/ LUPUS, drug therapy/ NEUROLOGIC MANIFESTATIONS/ OXYPHENBUTAZONE, therapeutic use/ PREGNANCY/ PREGNANCY COMPLICATIONS/ SARCOIDOSIS, complications/ *SARCOIDOSIS, diagnosis/ *SARCOIDOSIS, drug therapy/ SARCOIDOSIS, pathology/ SARCOIDOSIS, radiography/ SKIN MANIFESTATIONS/ TRIAMCINOLONE, therapeutic use

1640. **James KW, Thurston OG:** Second operations for thyroid carcinoma. Canad J Surg 12:289-93, Jul 69
*ADENOCARCINOMA, surgery/ ADULT/ AGED/ *CARCINOMA, PAPILLARY, surgery/ FEMALE/ HUMAN/ HYPOPARATHYROIDISM, etiology/ IODINE ISOTOPES/ LYMPH NODE EXCISION/ LYMPH NODES/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ RADICAL NECK DISSECTION/ RADIOISOTOPE SCANNING/ THYROID NEOPLASMS, pathology/ *THYROID NEOPLASMS, surgery/ THYROIDECTOMY/ TIME FACTORS

1641. **Janković BD, Mitrović K, Popesković L, et al:** Passive transfer of experimental allergic thyriditis, delayed hypersensitivity to thyroglobulin and

anti-thyroglobulin antibody formation in inbred Lewis rats. Clin Exp Immun 5:29-41, Jul 69
ANIMAL EXPERIMENTS/ *ANTIBODY FORMATION/ ARTHUS PHENOMENON/ *AUTOANTIBODIES, analysis/ *HYPERSENSITIVITY, DELAYED/ IMMUNITY, PASSIVE/ IMMUNIZATION/ LYMPH NODES, transplantation/ RATS/ SKIN TESTS/ SPLEEN, transplantation/ THYMUS GLAND, transplantation/ *THYROGLOBULIN/ *THYROIDITIS, immunology/ TRANSPLANTATION, HOMOLOGOUS/ TRANSPLANTATION IMMUNOLOGY

1642. **Jänne O, Vihko R, Sjövall J, et al:** Determination of steroid mono- and disulfates in human plasma. Clin Chim Acta 23:405-12, Mar 69
ADULT/ ANDROGENS, blood/ ANDROSTANES, blood/ ANDROSTERONE, blood/ CHOLESTEROL, analysis/ CHROMATOGRAPHY, GAS/ DEHYDROEPIANDROSTERONE/ ELECTROPHORESIS/ FEMALE/ GEL FILTRATION/ HUMAN/ MALE/ METHODS/ PREGNANES, blood/ PREGNENOLONE, blood/ SPECTRUM ANALYSIS/ *STEROIDS, blood/ STEROLS, blood/ *SULFATES, blood

1643. **Jänne O:** Identification of steroid disulphates in male urine. Ann Med Exp Biol Fenn 46:301-5, 1968
ADULT/ CHOLESTEROL, urine/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ DEHYDROEPIANDROSTERONE, urine/ ELECTROPHORESIS/ HUMAN/ HYDROCORTISONE, urine/ MALE/ PROGESTATIONAL HORMONES, urine/ *STEROIDS, urine/ *SULFATES, urine

1644. **Janoski AH, Whitten BK, Shields JL, et al:** Electrolyte patterns and regulation in man during acute exposure to high altitude. Fed Proc 28:1185-9, May-Jun 69
ADULT/ ALDOSTERONE, secretion/ *ALTITUDE/ CHLORIDES, blood/ CHLORIDES, metabolism/ CHLORIDES, urine/ HUMAN/ MALE/ OSMOLAR CONCENTRATION/ POTASSIUM, blood/ POTASSIUM, metabolism/ POTASSIUM, urine/ SODIUM, blood/ SODIUM, metabolism/ SODIUM, urine/ *WATER-ELECTROLYTE BALANCE

1645. **Jánossy G:** Cardiac output and its distribution in the terminal stage of the gastrointestinal irradiation syndrome ("radiation shock").
Acta Med Acad Sci Hung 26:23-9, 1969
ACUTE DISEASE/ ADRENAL GLANDS, blood supply/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE, radiation effects/ *CARDIAC OUTPUT, radiation effects/ CORONARY VESSELS, radiation effects/ DEHYDRATION/ HEMORRHAGE/ *INTESTINES, radiation effects/ KIDNEY, blood supply/ LUNG, blood supply/ MALE/ ORGAN WEIGHT/ *RADIATION INJURY, EXPERIMENTAL, physiopathology/ RADIOISOTOPES/ REGIONAL BLOOD FLOW, radiation effects/ RUBIDIUM/ SHOCK, etiology/ SKIN, blood supply/ VASCULAR RESISTANCE, radiation effects

1646. **Janovský M, Chromá M, Martínek J:** Einfluss von Furosemid (Lasix) auf die Elektrolyt- und Aldosteron-ausscheidung in Harn bei Säuglingen.
Pflueger Arch 307:R69-70, 1969 (Ger)
*ALDOSTERONE, urine/ *DIURESIS/ *FUROSEMIDE, pharmacodynamics/ HUMAN/ INFANT/ INFANT, NEWBORN/ OSMOLAR CONCENTRATION/ *SODIUM, urine

1647. **Jansson G, Lisander B, Martinson J:** Hypothalamic control of adrenergic outflow to the stomach in the cat. Acta Physiol Scand 75:176-86, Jan-Feb 69
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ BLOOD FLOW VELOCITY/ BLOOD PRESSURE/ CATS/ ELECTRIC STIMULATION/ *HYPOTHALAMUS, physiology/ *NEURAL CONDUCTION/ *STOMACH, innervation/ STOMACH, surgery/ VAGOTOMY

1648. **Janukowicz K:** Dwa przypadki przedłużonej żółtaczki w przebiegu wrodzonej niedoczynności tarczycy.
Pediat Pol 44:485-7, Apr 69 (Pol)
FEMALE/ HUMAN/ *HYPOTHYROIDISM, congenital/ INFANT/ *JAUNDICE, NEONATAL, complications/ MALE

1649. **Jaques R:** The protection afforded by a benzyl glucofuranoside and hydrocortisone against lethal wasp venom shock in the guinea-pig.
Pharmacology (Basel) 2:21-6, 1969
AMINOPYRINE, therapeutic use/ ANIMAL EXPERIMENTS/ ASPIRIN, therapeutic use/ COMPARATIVE STUDY/ FURANS, therapeutic use/ *GLYCOSIDES, therapeutic use/ GUINEA PIGS/ *HYDROCORTISONE, therapeutic use/ INSECTS/ MALE/ SHOCK, TOXIC, chemically induced/ *SHOCK, TOXIC, prevention & control/ *VENOMS

1650. **Jarabak J, Sack GH Jr:** A souble 17 beta-hydroxysteroid dehydrogenase from human placenta. The binding of pyridine nucleotides and steroids.
Biochemistry (Wash) 8:2203-12, May 69
ANDROSTANES/ BINDING SITES/ COLD/ DETERGENTS/ DIETHYLSTILBESTROL/ *ESTRADIOL/ *ESTRONE/ FEMALE/ FLUOROMETRY/ GEL FILTRATION/ GUANIDINES/ HUMAN/ *HYDROXYSTEROID DEHYDROGENASE/ HYDROXYSTEROID DEHYDROGENASE, antagonists & inhibitors/ KINETICS/ MOLECULAR WEIGHT/ *NAD/ *NADP/ *PLACENTA, enzymology/ PREGNANCY/ *PROGESTERONE/ PROTEIN BINDING/ SOLUBILITY/ SULFATES/ ULTRACENTRIFUGATION

1651. **Jarman M, Ellory JC:** Effect of tetrodotoxin on Ascaris somatic muscle. Experientia 25:507, 15 May 69
*ACTION POTENTIALS, drug effects/ ANIMAL EXPERIMENTS/ *ASCARIS, physiology/ CALCIUM, metabolism/ IN VITRO/ MANGANESE, pharmacodynamics/ MUSCLE, SMOOTH, drug effects/ *MUSCLE, SMOOTH, physiology/ SODIUM, metabolism/ SODIUM ISOTOPES/ *TETRODOTOXIN, pharmacodynamics

1652. **Jastalska D, Dzierżyńska I:** Badanie wrażliwości drobnoustrojów na pochodne N-(D-glikozylo)-tiomocznika.
Acta Pol Pharm 26:195-8, 1969 (Pol)
*BACTERIA, drug effects/ *DRUG RESISTANCE, MICROBIAL/ ENGLISH ABSTRACT/ *FUNGI, drug effects/ *THIOSEMICARBAZONES, pharmacodynamics/ *THIOUREA, pharmacodynamics

1653. **Jaszmann L, Van Lith ND, Zaat JC:** The age of menopause in the Netherlands. The statistical analysis of a survey. Int J Fertil 14:106-17, Apr-Jun 69
ADULT/ AGE FACTORS/ EDUCATIONAL STATUS/ FACTOR ANALYSIS, STATISTICAL/ FAMILY CHARACTERISTICS/ FEMALE/ HEALTH SURVEYS/ HUMAN/ INCOME/ *MENOPAUSE/ MIDDLE AGE/ NETHERLANDS/ PUBERTY/ SOMATOTYPES

1654. **Jauregui MJ:** Vertical imbalance in a patient with hyperthyroidism. Amer J Optom 46:390-1, May 69
AGED/ *DIPLOPIA, etiology/ DIPLOPIA, therapy/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, complications/ REFRACTION, OCULAR

1655. **Jayle MF, Gueguen J, Anton JP, et al:** Etude dans 13 cas de l'élimination urinaire des stéroïdes testiculaires après administration d'une association de H.M.G. et H.C.G.
Gynec Obstet (Paris) 67:503-8, Nov-Dec 68 (Fre)
ANDROSTERONE, urine/ *DEXAMETHASONE, pharmacodynamics/ DEXAMETHASONE, therapeutic use/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ ESTRADIOL, urine/ ESTRIOL, urine/ ESTRONE, urine/ ETIOCHOLANOLONE, urine/ *GONADOTROPINS, pharmacodynamics/ GONADOTROPINS, therapeutic use/ GONADOTROPINS, urine/ *GONADOTROPINS, CHORIONIC, pharmacodynamics/ GONADOTROPINS, CHORIONIC, therapeutic

use/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ MALE/ *MENOPAUSE/ PREGNANEDIOL, urine/ PREGNANETRIOL, urine/ *SEX HORMONES, urine/ STERILITY, MALE, drug therapy/ *TESTIS, drug effects/ TESTIS, secretion

1656. **Jean C, Delost P:** Stimulation par un traitement oestrogénique post-natal structures génitales femelles obtenues chez la souris mâle adulte par injection d'oestradiol à la mère gravide.
J Physiol (Paris) 59:Suppl:246-7, 1967 **(Fre)**
ANIMAL EXPERIMENTS/ CRYPTORCHISM, chemically induced/ *ESTRADIOL, pharmacodynamics/ FEMALE/ GENITALIA, FEMALE, drug effects/ GENITALIA, MALE, drug effects/ *HERMAPHRODITISM, chemically induced/ MALE/ MICE/ PREGNANCY

1657. **Jeanjean M, Rousseau M, Harvengt C:** Pénicillines et stéroides urinaires.
Clin Chim Acta 25:103-7, Jul 69 **(Fre)**
ADOLESCENCE/ ADULT/ AGED/ AMPICILLIN, therapeutic use/ CHILD/ CLOXACILLIN, therapeutic use/ FEMALE/ HUMAN/ *17-KETOSTEROIDS, urine/ MALE/ METHICILLIN, therapeutic use/ MIDDLE AGE/ OXACILLIN, therapeutic use/ *PENICILLIN, therapeutic use/ PENICILLIN G, therapeutic use

1658. **Jee WS:** The effects of radiation on bone.
Environ Health Ser [Radiol Health] 33:59-60, Sep 68
*BONE AND BONES, radiation effects/ *BONE NEOPLASMS, etiology/ HUMAN/ *NEOPLASMS, RADIATION-INDUCED, occurrence/ *RADIATION EFFECTS/ *SARCOMA, OSTEOGENIC, etiology

1659. **Jeffcoate SL, Brooks RV, London DR, et al:** Secretion of C19-steroids and oestrogens in the polycystic ovary syndrome: production and secretion rates measured by isotope dilution in urine. J Endocr 42:213-28, Oct 68
ADOLESCENCE/ ADRENAL GLANDS, metabolism/ ADULT/ CARBON ISOTOPES/ CASTRATION/ DEXAMETHASONE/ *ESTROGENS, biosynthesis/ *ESTROGENS, secretion/ ESTROGENS, urine/ FEMALE/ FSH/ HUMAN/ OVARY, metabolism/ RADIOISOTOPE DILUTION TECHNIC/ *STEIN-LEVENTHAL SYNDROME, metabolism/ *STEROIDS, biosynthesis/ *STEROIDS, secretion/ STEROIDS, urine/ TESTOSTERONE, biosynthesis/ TESTOSTERONE, urine

1660. **Jeffcoate SL, Brooks RV, London DR, et al:** Secretion of C19-steroids and oestrogens in the polycystic ovary syndrome. Ovarian studies in vivo and in vitro (including studies in vitro on a coincidental granulosa cell tumour). J Endocr 42:229-43, Oct 68
ADOLESCENCE/ ADULT/ DEHYDROEPIANDROSTERONE, blood/ ESTRADIOL, blood/ *ESTROGENS, secretion/ FEMALE/ FSH, pharmacodynamics/ *GRANULOSA CELL TUMOR, metabolism/ HUMAN/ IN VITRO/ 17-KETOSTEROIDS, blood/ *OVARIAN NEOPLASMS, metabolism/ *OVARY, metabolism/ PROGESTERONE, metabolism/ STEIN-LEVENTHAL SYNDROME, enzymology/ *STEIN-LEVENTHAL SYNDROME, metabolism/ *STEROIDS, secretion/ TESTOSTERONE, biosynthesis

1661. **Jefferies DJ:** Induction of apparent hyperthyroidism in birds fed DDT. Nature (London) 222:578-9, 10 May 69
BIRDS/ *DDT, pharmacodynamics/ EGGS/ FEMALE/ HEART, drug effects/ HUMAN/ *HYPERTHYROIDISM, chemically induced/ MALE/ ORGAN WEIGHT/ *OVUM, drug effects

1662. **Jenkins DP, Cochran TH:** Osteoporosis: the dramatic effect of disuse of an extremity.
Clin Orthop 64:128-34, May-Jun 69
AGED/ *AMPUTATION/ ARTERIOSCLEROSIS OBLITERANS, surgery/ *BONE RESORPTION, pathology/ *FEMUR, pathology/ GAS GANGRENE, surgery/ HUMAN/ *IMMOBILIZATION/ MALE/ *OSTEOPOROSIS, etiology/ OSTEOPOROSIS, pathology/ TIME FACTORS

1663. **Jenkins VK, Upton AC, Odell TT Jr:** Effect of estradiol on splenic repopulation by endogenous and exogenous hemopoietic cells in irradiated mice.
J Cell Physiol 73:149-57, Apr 69
AGE FACTORS/ ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BONE MARROW CELLS, drug effects/ BONE MARROW CELLS, growth & development/ DEPRESSION, CHEMICAL/ ERYTHROPOIESIS, drug effects/ *ESTRADIOL, pharmacodynamics/ FEMALE/ HEMATOPOIETIC SYSTEM, drug effects/ MALE/ MICE/ *RADIATION EFFECTS/ SEX FACTORS/ *SPLEEN, drug effects/ SPLEEN, radiation effects

1664. **Jennett WB:** Cerebral thrombosis and oral contraceptives. Brit Med J 3:173, 19 Jul 69
ADOLESCENCE/ ADULT/ *CEREBRAL EMBOLISM AND THROMBOSIS, chemically induced/ CEREBRAL ISCHEMIA, TRANSIENT, chemically induced/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ MIDDLE AGE/ PREGNANCY

1665. **Jenny D:** Egrebnisse der klinischen Prüfung von Locacorten-Tar. Praxis 56:1765-8, 28 Dec 67 **(Ger)**
*ECZEMA, drug therapy/ FLUMETHASONE, therapeutic use/ HUMAN/ PARAMETHASONE, administration & dosage/ *PARAMETHASONE, therapeutic use/ *PSORIASIS, drug therapy/ *SALICYLIC ACID, therapeutic use/ *TARS, therapeutic use/ ULTRAVIOLET RAYS

1666. **Jensen H, Lyngbye J, Davidsen S:** Histochemical investigation of the thermostable alkaline phosphatase in the normal full-term placenta.
Acta Obstet Gynec Scand 47:436-42, 1968
ADOLESCENCE/ ADULT/ *ALKALINE PHOSPHATASE, analysis/ ALKALINE PHOSPHATASE, biosynthesis/ BIOPSY/ FEMALE/ HEAT/ HISTOCYTOCHEMISTRY/ HUMAN/ IN VITRO/ METHODS/ *PLACENTA, enzymology/ PREGNANCY/ TIME FACTORS

1667. **Jepson RP, Slavotinek AH, Gilligan JE:** Myocarditis and phaeochromocytomata.
Aust New Zeal J Surg 38:324-8, May 69 (17 ref.)
ARRHYTHMIA, etiology/ FEMALE/ HEART VENTRICLE, pathology/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDITIS, complications/ *PHEOCHROMOCYTOMA, complications/ PHEOCHROMOCYTOMA, etiology/ REVIEW

1668. **Jequier E, Robinson DS, Lovenberg W, et al:** Further studies on tryptophan hydroxylase in rat brainstem and beef pineal.
Biochem Pharmacol 18:1071-81, May 69
ANIMAL EXPERIMENTS/ BRAIN CHEMISTRY/ *BRAIN STEM, enzymology/ CATECHOL, pharmacodynamics/ CATTLE/ DOPA, pharmacodynamics/ DOPAMINE, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ *HYDROXYLASES, analysis/ HYDROXYLASES, antagonists & inhibitors/ HYDROXYLASES, isolation & purification/ IRON, pharmacodynamics/ IRON CHELATES, pharmacodynamics/ METHYLTYROSINES, pharmacodynamics/ NOREPINEPHRINE, pharmacodynamics/ PHENYLALANINE, analysis/ PHENYLALANINE, metabolism/ *PINEAL BODY, enzymology/ PTERIDINES, pharmacodynamics/ PYRUVATES, pharmacodynamics/ RATS/ SERUM ALBUMIN, pharmacodynamics/ *TRYPTOPHAN, analysis/ TRYPTOPHAN, antagonists & inhibitors/ TRYPTOPHAN, isolation & purification/ TRYPTOPHAN, pharmacodynamics

1669. **Jéquier M, Dufresne JJ, Rabinowicz T:** Maladie de Paget et thrombophlébite intracranienne.
Rev Otoneuroophtal 40:404-8, Nov 68 **(Fre)**
AGED/ *BRAIN NEOPLASMS, complications/ *CARCINOMA, complications/ CAVERNOUS SINUS/ *CEREBRAL EMBOLISM AND THROMBOSIS, complications/ CEREBRAL

EMBOLISM AND THROMBOSIS, etiology/ FEMALE/ HUMAN/ NEOPLASM CIRCULATING CELLS/ NEOPLASM METASTASIS/ *OSTEITIS DEFORMANS, complications/ *OVARIAN NEOPLASMS, complications

1670. **Jeska EL:** Purification and immunochemical analysis of a genus-specific cuticular antigen of Toxocara canis. J Parasit 55:465-71, Jun 69
*ANTIGENS, isolation & purification/ ASCARIS, immunology/ GEL DIFFUSION TESTS/ IMMUNE SERUMS, isolation & purification/ IMMUNOELECTROPHORESIS/ OVARY, immunology/ *TOXOCARA, immunology

1671. **Jesserer H:** Lesiones cortisónicas en el esqueleto. Folia Clin Int (Barc) 17:403-10, Sep 67 **(Spa)**
*ADRENAL CORTEX HORMONES, adverse effects/ CALCIUM, metabolism/ HUMAN/ *OSTEOPOROSIS, chemically induced/ OSTEOPOROSIS, metabolism

1672. **Jezierska-Schier A, Wojnarowski M:** Wpływ delta-kortyzonu na liczbę leukocytów we krwi obwodowej u dzieci. Pediat Pol 44:323-4, Mar 69 **(Pol)**
CHILD/ CHILD, PRESCHOOL/ CLINICAL RESEARCH/ HUMAN/ *LEUKOCYTE COUNT/ *NEPHROTIC SYNDROME, drug therapy/ *PREDNISONE, therapeutic use/ *RHEUMATIC FEVER, drug therapy

1673. **Jiang NS, Ryan RJ:** Radioimmunoassay for estrogens: a preliminary communication.
Mayo Clin Proc 44:461-5, Jul 69
ANIMAL EXPERIMENTS/ CATTLE/ DIETHYLSTILBESTROL, analysis/ *ESTRADIOL, analysis/ ESTRIOL, analysis/ *ESTROGENS, analysis/ ESTRONE, analysis/ GEL FILTRATION/ HYDROCORTISONE, analysis/ IMMUNE SERUMS/ METHODS/ PROGESTERONE, analysis/ PROTEIN BINDING/ RABBITS/ *RADIOIMMUNOASSAY/ SERUM ALBUMIN, BOVINE/ TESTOSTERONE, analysis

1674. **Joas TA, Craig D:** Fluroxene anesthesia for pheochromocytoma removal.
JAMA 209:927-9, 11 Aug 69
ADULT/ AGED/ *ANESTHESIA/ *ANESTHETICS/ ARRHYTHMIA, complications/ BLOOD PRESSURE/ BLOOD VOLUME DETERMINATION/ *ETHERS/ FEMALE/ FLUORINE/ FLUROXENE/ HUMAN/ MALE/ METHODS/ *PHEOCHROMOCYTOMA, surgery

1675. **Jobst K:** On the DNA and histone content of N-nitrosomethylurea induced rat tumours. Neoplasma (Bratisl) 16:43-51, 1969
ADENOMA, metabolism/ ANEUPLOIDY/ ANIMAL EXPERIMENTS/ BRAIN NEOPLASMS, metabolism/ BRONCHIAL NEOPLASMS, metabolism/ CARCINOMA, metabolism/ *DNA, analysis/ *DNA, NEOPLASM, analysis/ FEMALE/ HISTOCYTOCHEMISTRY/ *HISTONES, analysis/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, INTRAVENOUS/ KIDNEY NEOPLASMS, metabolism/ LEUKEMIA, EXPERIMENTAL, metabolism/ LIVER NEOPLASMS, metabolism/ MALE/ METHODS/ MYELOID METAPLASIA, metabolism/ NEOPLASMS, EXPERIMENTAL, chemically induced/ NEOPLASMS, EXPERIMENTAL, familial & genetic/ *NEOPLASMS, EXPERIMENTAL, metabolism/ NITROSO COMPOUNDS/ OLIGODENDROGLIOMA, metabolism/ PAPILLOMA, metabolism/ RATS/ SARCOMA, EXPERIMENTAL, metabolism/ SWEAT GLAND NEOPLASMS, metabolism/ THYROID NEOPLASMS, metabolism/ UREA

1676. **Johansson CJ:** Peruslämmön mittaus ja munasarjojen toiminta. Duodecim 85:211-7, 1969 **(Fin)**
*BODY TEMPERATURE/ FEMALE/ HUMAN/ *OVULATION/ PERIODICITY

1677. **Johansson H, Jönsson LE:** Experimental studies on thyroid-adrenal interrelationships in rats. Acta Chir Scand 134:99-102, 1968
*ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, pathology/ ANIMAL EXPERIMENTS/ EDEMA/ HEMORRHAGE, pathology/ HYPEREMIA, pathology/ NECROSIS/ *PROPYLTHIOURACIL, pharmacodynamics/ RATS/ *THYROXINE, pharmacodynamics

1678. **Johns DG, Spencer RP, Chang PK, et al:** 131-I-3'-iodoaminopterin: a gamma-labeled active-site-directed enzyme inhibitor.
J Nucl Med 9:530-6, Oct 68
ADULT/ AGED/ *AMINOPTERIN, metabolism/ BINDING SITES/ CHROMATOGRAPHY/ FEMALE/ FOLIC ACID ANTAGONISTS, therapeutic use/ HUMAN/ INJECTIONS, INTRAVENOUS/ IODINE ISOTOPES/ KIDNEY, enzymology/ KIDNEY, metabolism/ LIVER, enzymology/ LIVER, metabolism/ MALE/ METHODS/ METHOTREXATE, metabolism/ *NEOPLASMS, diagnosis/ NEOPLASMS, enzymology/ *RADIOISOTOPE SCANNING/ *TETRAHYDROFOLATE DEHYDROGENASE, analysis/ THYROID GLAND, metabolism

1679. **Johnsen SG:** Two types of Sertoli cells in man. Acta Endocr (Kobenhavn) 61:111-6, May 69
ADULT/ DNA/ DYES/ EUNUCHISM, pathology/ HUMAN/ IRON/ KLINEFELTER'S SYNDROME, pathology/ MALE/ *SERTOLI CELLS/ STAINS AND STAINING/ *TESTIS, abnormalities

1680. **Johnson AD, VanDemark NL:** Early effects of cadmium and zinc on testis and body temperatures.
J Reprod Fertil 18:157-8, Feb 69
ANIMAL EXPERIMENTS/ *BODY TEMPERATURE, drug effects/ *CADMIUM, administration & dosage/ CHICKENS/ CRYPTORCHISM, etiology/ MALE/ RATS/ TESTIS, blood supply/ *TESTIS, drug effects/ *ZINC, pharmacodynamics

1681. **Johnson HL, Consolazio CF, Matoush LO, et al:** Nitrogen and mineral metabolism at altitude.
Fed Proc 28:1195-8, May-Jun 69
ADOLESCENCE/ ADULT/ *ALTITUDE/ BODY COMPOSITION/ BODY WEIGHT/ CALCIUM, metabolism/ CALORIMETRY/ DIET/ DIETARY CARBOHYDRATES/ HUMAN/ MAGNESIUM, metabolism/ MALE/ *MINERALS, metabolism/ *NITROGEN, metabolism/ POTASSIUM, metabolism/ SODIUM, metabolism/ *WATER-ELECTROLYTE BALANCE

1682. **Johnson JA, Moore WW, Segar WE:** Small changes in left atrial pressure and plasma antidiuretic hormone titers in dogs. Amer J Physiol 217:210-4, Jul 69
AMINOHIPPURIC ACID, blood/ AMINOHIPPURIC ACID, urine/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BLOOD PRESSURE/ CREATININE, blood/ CREATININE, urine/ DOGS/ FEMALE/ *HEART, physiology/ HEART ATRIUM/ KIDNEY, physiology/ MALE/ *PRESSURE/ RATS/ RECEPTORS, NEURAL, physiology/ *VASOPRESSIN, blood

1683. **Johnson JD, Cornatzer WE:** Phospholipid composition of mitochondria and microsomes of liver and kidney in adrenalectomized, hypophysectomized, and diabetic rats. Proc Soc Exp Biol Med 131:474-8, Jun 69
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ALLOXAN DIABETES/ ANIMAL EXPERIMENTS/ HYPOPHYSECTOMY/ KIDNEY, analysis/ MALE/ METHODS/ *MICROSOMES, analysis/ *MITOCHONDRIA, analysis/ MITOCHONDRIA, LIVER, analysis/ *PHOSPHOLIPIDS, analysis/ PITUITARY GLAND, physiology/ RATS

1684. **Johnson JH, Pressman BC:** Rates of exchange of mitochondrial Mg2+ determined from 28Mg flux measurements. Arch Biochem 132:139-45, Jun 69
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CENTRIFUGATION/ CENTRIFUGATION, DENSITY GRADIENT/ CYANIDES/ *MAGNESIUM, metabolism/

MITOCHONDRIA, LIVER, drug effects/ *MITOCHONDRIA, LIVER, metabolism/ PARATHYROID HORMONE, pharmacodynamics/ PHENYLHYDRAZINE/ POTASSIUM ISOTOPES/ RADIOISOTOPES/ RATS/ ROTENONE, pharmacodynamics/ TIME FACTORS/ TRITIUM

1685. **Johnson JW, Wachman A, Katz AI, et al:** Calcium metabolism after subtotal parathyroidectomy in chronic renal failure.
Trans Amer Soc Artif Intern Organs 15:333-40, 1969
ADOLESCENCE/ ADULT/ CALCINOSIS, radiography/ *CALCIUM, metabolism/ FEMALE/ HUMAN/ HYPERPARATHYROIDISM, etiology/ *HYPERPARATHYROIDISM, surgery/ INTESTINAL ABSORPTION/ MALE/ MIDDLE AGE/ OSTEITIS FIBROSA CYSTICA, radiography/ *PARATHYROID GLANDS, surgery/ PARATHYROID HORMONE, blood/ PHOSPHATES, analysis/ PRURITUS/ UREMIA, complications/ UREMIA, metabolism/ *UREMIA, therapy

1686. **Johnson R, Baghdady VS:** Maximum palatal height in patients with Turner's syndrome.
J Dent Res 48:473-6, May-Jun 69
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ *PALATE, anatomy & histology/ *TURNER'S SYNDROME

1687. **Johnson WW, Avery TL:** Quantitative evaluation of changes in anterior pituitary acidophil concentration.
J Reprod Fertil 18:169-70, Feb 69
ANIMAL EXPERIMENTS/ CELL NUCLEUS/ HUMAN/ METHODS/ METHYLENE BLUE/ *PITUITARY GLAND, cytology/ PITUITARY GLAND, drug effects/ RATS

1688. **Joke T:** [Prolactin]
Jap J Clin Med 27:342-6, Feb 69 (41 ref.) **(Jap)**
ANIMAL EXPERIMENTS/ ANTIBODIES/ CATTLE/ CHROMATOGRAPHY, PAPER/ HUMAN/ IMMUNOELECTROPHORESIS/ IODINE ISOTOPES/ METHODS/ *PROLACTIN, blood/ RADIOIMMUNOASSAY/ RATS/ REVIEW/ SHEEP

1689. **Jonadet M, Turchini JP, Pastide P:** Etude biochemique et histochmique des activités phosphatasiques dans les glandes surrénales de lapin.
Path Biol (Paris) 16:927-34, Nov 68 **(Fre)**
*ACID PHOSPHATASE, metabolism/ *ADRENAL GLANDS, enzymology/ *ALKALINE PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ ANOXIA, enzymology/ CATS/ CATTLE/ CORTICOTROPIN, pharmacodynamics/ FEMALE/ FETUS, enzymology/ GUINEA PIGS/ HISTOCYTOCHEMISTRY/ HORSES/ HUMAN/ MALE/ MICE/ RABBITS/ RATS/ SEX FACTORS/ SHEEP/ SPECIES SPECIFICITY/ STARVATION, enzymology

1690. **Jonec V, Murgaš K:** Effects of conditioning and some drugs on cold adaptation in rats.
Fed Proc 28:987-91, May-Jun 69
*ADAPTATION, PHYSIOLOGICAL, drug effects/ *ADRENAL GLANDS, drug effects/ AMPHETAMINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ASCORBIC ACID, analysis/ *COLD/ *CONDITIONING (PSYCHOLOGY)/ CORTICOTROPIN, blood/ CORTICOTROPIN, secretion/ DEXAMETHASONE, pharmacodynamics/ MALE/ NEOSTIGMINE, pharmacodynamics/ PHENMETRAZINE, pharmacodynamics/ PHYSOSTIGMINE, pharmacodynamics/ RATS

1691. **Jones BR:** Prospects in treating viral disease of the eye.
Trans Ophthal Soc UK 87:537-79, 1967
ANIMAL EXPERIMENTS/ ANTIVIRAL AGENTS, pharmacodynamics/ ANTIVIRAL AGENTS, therapeutic use/ CORNEAL ULCER, drug therapy/ EYE DISEASES, surgery/ *EYE DISEASES, therapy/ GLUCOCORTICOIDS, pharmacodynamics/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ IDOXURIDINE, therapeutic use/ RABBITS/ VIRUS DISEASES, surgery/ *VIRUS DISEASES, therapy/ VIRUS REPLICATION, drug effects

1692. **Jones CW, Pickering BT:** Comparison of the effects of water deprivation and sodium chloride imbibition on the hormone content of the neurohypophysis of the rat. J Physiol (London) 203:449-58, Aug 69
ANIMAL EXPERIMENTS/ HEMATOCRIT/ MALE/ OSMOLAR CONCENTRATION/ *OXYTOCIN, analysis/ *PITUITARY GLAND, POSTERIOR, analysis/ RATS/ SODIUM, blood/ *SODIUM CHLORIDE, pharmacodynamics/ TISSUE EXTRACTS/ *VASOPRESSIN, analysis/ *WATER DEPRIVATION

1693. **Jones DR, Bahn RC, Randall RV, et al:** The human costochondral junction. II. Patients with acromegaly.
Mayo Clin Proc 44:330-4, May 69
*ACROMEGALY, pathology/ ADOLESCENCE/ ADULT/ *CARTILAGE/ *EPIPHYSES, pathology/ FEMALE/ HUMAN/ MALE/ OSTEOGENESIS/ *RIBS

1694. **Jones GS, De Moraes-Ruehsen M:** A new syndrome of amenorrhae in association with hypergonadotropism and apparently normal ovarian follicular apparatus.
Amer J Obstet Gynec 104:597-600, 15 Jun 69
ADULT/ *AMENORRHEA, classification/ BIOLOGICAL ASSAY/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ FSH/ GONADOTROPINS, analysis/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ GONADOTROPINS, PITUITARY, pharmacodynamics/ HUMAN/ LH/ *OVARIAN DISEASES, classification/ OVULATION, drug effects/ RADIOIMMUNOASSAY/ SEX DIFFERENTIATION DISORDERS, diagnosis/ STIMULATION, CHEMICAL

1695. **Jones JH, Holtz WJ, Cragoe EJ Jr:** Pyrazine diuretics. VII. N-amidino-3-substituted pyrazinecarboxamides.
J Med Chem 12:285-7, Mar 69
ANIMAL EXPERIMENTS/ CHLOROTHIAZIDE, pharmacodynamics/ COMPARATIVE STUDY/ DESOXYCORTICOSTERONE, antagonists & inhibitors/ *DIURETICS, chem synthesis/ DIURETICS, pharmacodynamics/ HYDROCHLOROTHIAZIDE, pharmacodynamics/ *PYRAZINES, chem synthesis/ PYRAZINES, pharmacodynamics/ RATS

1696. **Jones SL:** Radiographic study of the navicular bone in the equine species. Radiol Techn 41:31-5, Jul 69
BONE AND BONES, radiography/ BONE DISEASES, radiography/ *BONE DISEASES, veterinary/ *FORELIMB, radiography/ *HORSE DISEASES, radiography/ *HORSES, anatomy & histology/ *RADIOGRAPHY, veterinary/ SPECIES SPECIFICITY

1697. **Jones WS, Man EB:** Thyroid function in human pregnancy. VI. Premature deliveries and reproductive failures of pregnant women with low serum butanol-extractable iodines. Maternal serum TBG and TBPA capacities.
Amer J Obstet Gynec 104:909-14, 15 Jul 69
ABNORMALITIES, MULTIPLE, etiology/ ABNORMALITIES, MULTIPLE, occurrence/ ADOLESCENCE/ ADULT/ BIRTH WEIGHT/ FEMALE/ FETAL DEATH, etiology/ *FETAL DEATH, occurrence/ FETAL DISEASES, etiology/ FETAL DISEASES, occurrence/ GOITER, complications/ HUMAN/ *HYPOTHYROIDISM, blood/ HYPOTHYROIDISM, complications/ INFANT, NEWBORN/ *INFANT, PREMATURE/ IODINE, blood/ PREGNANCY/ *PREGNANCY COMPLICATIONS, blood/ PROTEIN-BOUND IODINE TEST/ *THYROID GLAND, physiology/ THYROID HORMONES, therapeutic use/ *THYROXINE-BINDING PROTEIN, blood

1698. **Jonsson CE:** In vitro uptake of tritiated testosterone and oestradiol by the lateral lobe of the hypertrophied human prostate and the accessory sex glands of the rat--a pilot study.
Acta Endocr (Kobenhavn) 61:25-32, May 69
ANDROGENS, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ DIAPHRAGM,

metabolism/ *ESTRADIOL, metabolism/ HUMAN/ IN VITRO/ MALE/ PREGNANES/ *PROSTATIC HYPERTROPHY, metabolism/ RATS/ *SEMINAL VESICLES, metabolism/ *TESTOSTERONE, metabolism/ TRITIUM

1699. **Jordan SM, Morgan EH:** The serum and milk whey proteins of the echidna.
Comp Biochem Physiol 29:383-91, Apr 69
ACETATES/ ANIMAL EXPERIMENTS/ ANTIGENS/ BLOOD PROTEIN ELECTROPHORESIS/ *BLOOD PROTEINS/ BLOOD PROTEINS, analysis/ CELLULOSE/ ELECTROPHORESIS/ FEMALE/ GEL FILTRATION/ GELS/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ IRON/ IRON ISOTOPES/ LACTATION/ LACTOGLOBULINS/ LACTOGLOBULINS, analysis/ MAMMALS/ *MILK/ PREGNANCY/ PROTEIN BINDING/ RADIOAUTOGRAPHY/ SERUM ALBUMIN, analysis/ SERUM GLOBULIN, analysis/ STARCH

1700. **Jorgensen EC, Muhlhauser RO, Wiley RA:** Thyroxine analogs. XVII. 3,5-Di(ethylthio)- and 3,5-di(phenylthio)-dl-thyronines and their 3'-isopropyl analogs. J Med Chem 12:689-91, Jul 69
ANIMAL EXPERIMENTS/ RATS/ *THYRONINE, chem synthesis/ THYRONINE, pharmacodynamics

1701. **Josey WE, Pinto AP, Plant RF:** Oxytocin-induced water intoxication. Amer J Obstet Gynec 104:926, 15 Jul 69
ABORTION, complications/ ABORTION, drug therapy/ ADULT/ BRAIN EDEMA, complications/ CONVULSIONS, complications/ ELECTROENCEPHALOGRAPHY/ FEMALE/ HUMAN/ INJECTIONS, INTRAVENOUS/ *OXYTOCIN, adverse effects/ PREGNANCY/ WATER-ELECTROLYTE BALANCE/ *WATER INTOXICATION, chemically induced

1702. **Jowsey J, Detenbeck LC:** Importance of thyroid hormones in bone metabolism and calcium homeostasis. Endocrinology 85:87-95, Jul 69
ANIMAL EXPERIMENTS/ BLOOD PROTEINS/ *BONE AND BONES, metabolism/ BONE RESORPTION/ CALCIUM, blood/ *CALCIUM, metabolism/ DOGS/ EDTA, pharmacodynamics/ HOMEOSTASIS/ HYPOTHYROIDISM, blood/ IODINE, blood/ MICRORADIOGRAPHY/ OSSIFICATION, PHYSIOLOGIC/ PARATHYROID HORMONE, pharmacodynamics/ PROTEIN BINDING/ THYROCALCITONIN, pharmacodynamics/ THYROIDECTOMY/ THYROXINE, blood/ *THYROXINE, physiology

1703. **Julian JA, Chytil F:** A two-step mechanism for the regulation of tryptophan pyrrolase.
Biochem Biophys Res Commun 34:734-40, 6 Jun 69
*ALLOPURINOL, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTIGENS/ DEPRESSION, CHEMICAL/ DIALYSIS/ ENZYME INDUCTION/ *HYDROCORTISONE, pharmacodynamics/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ *LIVER, enzymology/ MALE/ RABBITS/ RATS/ STIMULATION, CHEMICAL/ TRYPTOPHAN OXYGENASE, antagonists & inhibitors/ TRYPTOPHAN OXYGENASE, biosynthesis/ *TRYPTOPHAN OXYGENASE, metabolism/ XANTHINE OXIDASE, antagonists & inhibitors/ *XANTHINE OXIDASE, metabolism

1704. **Jull JW:** Mechanism of induction of ovarian tumors in the mouse by 7,12-dimethylbenz[a]anthracene. V. Effect of metabolic inhibitors.
J Nat Cancer Inst 42:961-6, Jun 69
AFLATOXIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ANTIMETABOLITES, pharmacodynamics/ *BENZANTHRACENES/ BENZANTHRACENES, administration & dosage/ CASTRATION/ DACTINOMYCIN, pharmacodynamics/ DRUG SYNERGISM/ FEMALE/ INJECTIONS, INTRAVENOUS/ INJECTIONS, SUBCUTANEOUS/ METYRAPONE, pharmacodynamics/ MICE/ NEOPLASM TRANSPLANTATION/ NEOPLASMS, EXPERIMENTAL, chemically induced/ *OVARIAN NEOPLASMS, chemically induced/ TRANSPLANTATION, HOMOLOGOUS

1705. **Jull JW:** Mechanism of induction of ovarian tumors in the mouse by 7,12-dimethylbenz[a]anthrace. VI. Effect of normal ovarian tissue on tumor development. J Nat Cancer Inst 42:967-72, Jun 69
ANIMAL EXPERIMENTS/ *BENZANTHRACENES/ CASTRATION/ FEMALE/ GRANULOSA CELL TUMOR, chemically induced/ MAMMAE, cytology/ MICE/ NEOPLASM TRANSPLANTATION/ NEOPLASMS, EXPERIMENTAL, chemically induced/ *OVARIAN NEOPLASMS, chemically induced/ *OVARY, cytology/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS

1706. **Junek H, Kirk KL, Cohen LA:** The oxidative cleavage of tyrosyl-peptide bonds during iodination.
Biochemistry (Wash) 8:1844-8, May 69
CHEMISTRY/ DIIODOTYROSINE/ IMIDES/ *IODINE/ LACTONES/ NITRILES/ OXIDATION-REDUCTION/ *PEPTIDES/ SUCCINATES/ *TYROSINE

1707. **Jung H, Klöck FK:** Weitere Ergebnisse über einen "myogenen Hemmstoff" des menschlichen Uterus. Zum Oxytocin-Antagonismus des "Uterus-Hemmstoffes".
Gynaecologia (Basel) 167:28-34, 1969 (Ger)
ANIMAL EXPERIMENTS/ FEMALE/ HUMAN/ HYDRAMNIOS, blood/ *MUSCLE, SMOOTH, drug effects/ OXYTOCIN, antagonists & inhibitors/ PREGNANCY, MULTIPLE/ RATS/ TISSUE EXTRACTS, analysis/ TISSUE EXTRACTS, isolation & purification/ *TISSUE EXTRACTS, pharmacodynamics/ UTERINE INERTIA, blood/ *UTERUS, analysis

1708. **Jursch H:** Clocortolon, ein neues Kortikosteroid zur lokalen Dermatotherapie.
Med Welt 46:2551-3, 16 Nov 68 (Ger)
*ADRENAL CORTEX HORMONES/ ECZEMA, drug therapy/ EMULSIONS/ *HEXACHLOROPHENE, administration & dosage/ HUMAN/ LICHEN PLANUS, drug therapy/ OINTMENTS/ PSORIASIS, drug therapy/ ROSACEA, drug therapy/ *SKIN DISEASES, drug therapy

K

1709. **Kaasjager WA:** Effect of progesterone and hypothalamic stimulation on LH release at different stages of the oestrous cycle in the rat.
J Endocr 43:xix-xx, Jan 69
ANIMAL EXPERIMENTS/ ELECTRIC STIMULATION/ *ESTRUS/ FEMALE/ GONADOTROPINS, CHORIONIC/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, drug effects/ *HYPOTHALAMUS, physiology/ *LH, secretion/ OVULATION, drug effects/ *PROGESTERONE, pharmacodynamics/ RATS

1710. **Kafka MS, Pak CY:** Effects of polypeptide and protein hormones on lipid monolayers. I. Effect of insulin and parathyroid hormone on monomolecular films of monooctadecyl phosphate and stearic acid.
J Gen Physiol 54:134-43, Jul 69
ALBUMINS, pharmacodynamics/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ *INSULIN, pharmacodynamics/ *MEMBRANES, ARTIFICIAL/ METHODS/ MODELS, BIOLOGIC/ *PARATHYROID HORMONE, pharmacodynamics/ PHOSPHATES/ *PHOSPHOLIPIDS/ STEARIC ACID/ SURFACE PROPERTIES

1711. **Kafka V, Mrázek J:** Příspěvek k problematice ohrožení zaměstnanců při laboratorní výrobě oxytocinu a lysin--vasopresinu.
Cas Lek Cesk 108:771-5, 20 Jun 69 (Cze)
ADULT/ ENGLISH ABSTRACT/ ENVIRONMENTAL EXPOSURE/ FEMALE/ HUMAN/ *LYSINE, pharmacodynamics/ MALE/ MIDDLE AGE/ *OCCUPATIONAL DISEASES, chemically induced/ *OXYTOCIN, pharmacodynamics/ *VASOPRESSIN, pharmacodynamics/ VASOPRESSIN, urine

1712. **Kahri A**: Inductive transformation as a basic phenomenon in the genesis of cells of the zona fasciculata and reticularis of the adrenal cortex. Acta Anat (Basel) 71:67-78, 1968
ADRENAL GLANDS, cytology/ ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, growth & development/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ CELL MOVEMENT/ CORTICOTROPIN, pharmacodynamics/ DNA, biosynthesis/ HISTOCYTOCHEMISTRY/ MICROSCOPY, ELECTRON/ MITOSIS/ RADIOAUTOGRAPHY/ RATS/ THYMIDINE/ TISSUE CULTURE/ TRITIUM

1713. **Kahwanago I, Heinrichs WL, Herrmann WL**: Isolation of oestradiol "receptors" from bovine hypothalamus and anterior pituitary gland. Nature (London) 223:313-4, 19 Jul 69
ANIMAL EXPERIMENTS/ CATTLE/ CENTRIFUGATION, DENSITY GRADIENT/ CHEMORECEPTORS/ CYTOPLASM, analysis/ *ESTRADIOL, metabolism/ *HYPOTHALAMUS, analysis/ *PITUITARY GLAND, analysis/ *RECEPTORS, DRUG/ TRITIUM

1714. **Kaihara S, Carulli N, Wagner HN Jr**: Comparison of radioisotopic and column chromatographic assay of serum thyroxine. J Nucl Med 10:281-3, Jun 69
CHROMATOGRAPHY/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ HYPERTHYROIDISM, diagnosis/ HYPOTHYROIDISM, diagnosis/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ METHODS/ *THYROXINE, blood/ THYROXINE-BINDING PROTEIN

1715. **Kaiman H, Lamble RW, Metzl K**: Progeria. Case description. Clin Pediat (Phila) 8:411-5, Jul 69
BONE AND BONES, radiography/ CASE REPORT/ CHILD/ FEMALE/ HAND, radiography/ HUMAN/ *PROGERIA/ PROGERIA, diagnosis/ PROGERIA, radiography/ SKULL, radiography

1716. **Kaiser G**: Beitrag zur kenntnis DER Peritonitis arenosa. Geburtsh Frauenheilk 29:362-5, Apr 69 (Ger)
*CARCINOMA, PAPILLARY, pathology/ CYSTADENOMA/ FEMALE/ HUMAN/ MIDDLE AGE/ OVARIAN NEOPLASMS/ *PERITONEAL NEOPLASMS, pathology/ *PERITONEUM, pathology/ *PERITONITIS, pathology

1717. **Kaiser H**: Cortison-Dauertherapie trotz Zahngranulom? Deutsch Med Wschr 94:1467, 11 Jul 69 (Ger)
ARTHRITIS, RHEUMATOID, drug therapy/ *ASTHMA, drug therapy/ *CORTISONE, therapeutic use/ *GRANULOMA, PERIAPICAL, complications/ HUMAN/ TIME FACTORS/ TUBERCULOSIS, PULMONARY, drug therapy

1718. **Kaiser H**: Studies on 5-fluorouracil-containing RNA. II. Gross reduction of 4-thiouracil in fluorouracil-containing tRNA from Escherichia coli. Biochim Biophys Acta 182:449-53, 17 Jun 69
BENZOATES/ CHEMISTRY/ CYTOSINE/ ESCHERICHIA COLI/ *FLUOROURACIL/ MERCURY/ OXIDATION-REDUCTION/ RNA, BACTERIAL/ *RNA, SOLUBLE/ SPECTROPHOTOMETRY/ *THIOURACIL/ ULTRAVIOLET RAYS

1719. **Kaivola S, Johansson CJ**: Miehen steriiliteetin hormonaalinen tausta. Duodecim 85:237-44, 1969 (32 ref.) (Fin)
*ANDROGENS, urine/ *GLUCOCORTICOIDS, urine/ *GONADOTROPINS, urine/ HUMAN/ MALE/ REVIEW/ SEMEN, analysis/ *STERILITY, MALE, etiology

1720. **Kaivola S, Widholm O, Timonen S**: Effect of conjugated oestrogen upon gonadotrophin excretion patterns in fetile women. Ann Chir Gynaec Fenn 57:596-602, 1968
ADULT/ ASPARTATE AMINOTRANSFERASE, blood/ BLOOD PROTEINS/ CIRCADIAN RHYTHM/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ DEPRESSION, CHEMICAL/ *ESTROGENIC SUBSTANCES, CONJUGATED, pharmacodynamics/ FEMALE/ *FSH, urine/ HUMAN/ IMMUNOASSAY/ IODINE, blood/ *LH, urine/ MEGESTROL, pharmacodynamics/ MENSTRUATION/ *PITUITARY GLAND, drug effects/ PROTEIN BINDING

1721. **Kakulas BA**: Research in muscular dystrophy. Med J Aust 1:959-62, 10 May 69 (45 ref.)
ANIMAL EXPERIMENTS/ BIOPSY/ ELECTROMYOGRAPHY/ ELECTRON TRANSPORT/ HEART, physiopathology/ HUMAN/ MICE/ MICROSCOPY, ELECTRON/ MUSCLE CONTRACTION/ MUSCLES, pathology/ *MUSCULAR DYSTROPHY/ MUSCULAR DYSTROPHY, enzymology/ MUSCULAR DYSTROPHY, etiology/ MUSCULAR DYSTROPHY, familial & genetic/ MUSCULAR DYSTROPHY, metabolism/ REVIEW/ SEX CHROMATIN/ TISSUE CULTURE/ VITAMIN E DEFICIENCY, complications

1722. **Kalin AG**: Podiatric roentgenology: some biologic effects and hazards of radiant energy and precautionary measures, including a calculation of gonadal roentgen exposure from a dorsoplantar view. J Amer Podiat Ass 59:215-23, Jun 69
ADOLESCENCE/ ADULT/ CHILD/ FEMALE/ *FOOT, radiography/ *GONADS, radiation effects/ HUMAN/ MALE/ RADIATION EFFECTS/ *RADIATION PROTECTION/ *RADIOGRAPHY, adverse effects/ RADIOTHERAPY, adverse effects

1723. **Kalina RE**: Increased intraocular pressure following subconjunctival corticosteroid administration. Arch Ophthal (Chicago) 81:788-90, Jun 69
*ADRENAL CORTEX HORMONES, adverse effects/ ADULT/ CHILD/ CONJUNCTIVA/ FEMALE/ HUMAN/ INJECTIONS/ *INTRAOCULAR PRESSURE, drug effects/ MALE/ MIDDLE AGE

1724. **Kalinin AP, Krasnovid TA**: Sravnitel'nye dannye urovnia vnutriglaznogo davlenila pri bolezni Itsenko-Kushinga do i posle khirurgicheskogo lechenila. Vestn Oftal 80:22-4, May-Jun 67 (Rus)
ADOLESCENCE/ ADRENALECTOMY/ ADULT/ CHILD/ *CUSHING'S SYNDROME, physiopathology/ CUSHING'S SYNDROME, surgery/ *EYE MANIFESTATIONS/ FEMALE/ HUMAN/ *INTRAOCULAR PRESSURE/ MALE

1725. **Kallenberger A**: Sexchromatin in malignen Tumoren. Praxis 58:736-9, 10 Jun 69 (Ger)
*BREAST NEOPLASMS, familial & genetic/ FEMALE/ HUMAN/ *SEX CHROMATIN, analysis

1726. **Kalifelz FA**: Determination of total serum thyroxine in the dog by competitive protein binding of labeled thyroxine. Amer J Vet Res 30:929-32, Jun 69
*DOGS, metabolism/ IODINE, blood/ IODINE ISOTOPES/ PROTEIN-BOUND IODINE TEST/ THYROID GLAND, metabolism/ *THYROXINE, blood/ TRIIODOTHYRONINE

1727. **Kálmán E, Bors J, Osztovics M**: Pelger--Heütsche Kernanomalie im Kindesalter und ihre genetischen Beziehungen. Acta Paediat Acad Sci Hung 10:65-72, 1969 (Ger)
ADOLESCENCE/ BLOOD CELL COUNT/ BODY HEIGHT/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ GENOTYPE/ HUMAN/ HUNGARY/ INFANT/ MALE/ PEDIGREE/ *PELGER-HUET ANOMALY, familial & genetic/ SEX CHROMOSOMES

1728. **Kalman SM**: Effects of oral contraceptives. Ann Rev Pharmacol 9:363-78, 1969 (72 ref.)
*CONTRACEPTIVES, ORAL/ CONTRACEPTIVES, ORAL, administration & dosage/ CONTRACEPTIVES, ORAL, adverse effects/ CONTRACEPTIVES, ORAL, pharmacodynamics/ FAMILY PLANNING/ FEMALE/ FERTILITY, drug effects/ HUMAN/ JAUNDICE/ LIVER, injuries/ LIVER DISEASES, etiology/ LIVER FUNCTION TESTS/ MIGRAINE, etiology/ PREGNANCY/ REVIEW/ THROMBOEMBOLISM, etiology

1729. **Kaloyanides GJ, Cacciaguida RJ, Pablo NC, et al:**

Increased sodium reabsorption in the proximal and distal tubule of caval dogs.
J Clin Invest 48:1543-51, Aug 69
ADSORPTION/ ALDOSTERONE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ASCITES, physiopathology/ DIURESIS/ DOGS/ FEMALE/ *KIDNEY TUBULES, physiology/ MANNITOL, metabolism/ POTASSIUM, metabolism/ *SODIUM, metabolism/ SODIUM, urine/ SODIUM CHLORIDE, metabolism/ SODIUM CHLORIDE, urine/ *VENA CAVA, INFERIOR, surgery/ WATER-ELECTROLYTE BALANCE

1730. **Kaisner S:** Steroid potentiation of responses to sympathomimetic amines in aortic strips.
Brit J Pharmacol 36:582-93, Jul 69
ANIMAL EXPERIMENTS/ *AORTA, drug effects/ CYCLOPARAFFINS, pharmacodynamics/ *DESOXYCORTICOSTERONE, pharmacodynamics/ DRUG SYNERGISM/ EPINEPHRINE, metabolism/ EPINEPHRINE, pharmacodynamics/ *ESTRADIOL, pharmacodynamics/ IN VITRO/ KETONES, pharmacodynamics/ METHOXAMINE, pharmacodynamics/ NOREPINEPHRINE, pharmacodynamics/ PHENYLEPHRINE, pharmacodynamics/ *PROGESTERONE, pharmacodynamics/ RABBITS/ RESERPINE, pharmacodynamics/ *SYMPATHOMIMETICS, pharmacodynamics/ TRANSFERASES, antagonists & inhibitors/ TYRAMINE, pharmacodynamics

1731. **Kambal A:** Carcinoma in solitary thyroid nodules.
Brit J Surg 56:434-6, Jun 69
ADOLESCENCE/ ADULT/ DEFICIENCY DISEASES/ FEMALE/ GOITER, ENDEMIC/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ MIDDLE AGE/ RADIOISOTOPE SCANNING/ SUDAN/ *THYROID DISEASES, diagnosis/ THYROID DISEASES, drug therapy/ THYROID DISEASES, surgery/ THYROID HORMONES, therapeutic use/ *THYROID NEOPLASMS, occurrence

1732. **Kamberi I, McCann SM:** Effect of biogenic amines and other substances on the release of follicle stimulating hormone by pituitaries incubated in vitro.
J Reprod Fertil 18:153, Feb 69
*AMINES, pharmacodynamics/ DOPAMINE, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ *FSH, secretion/ HISTAMINE, pharmacodynamics/ IN VITRO/ NOREPINEPHRINE, pharmacodynamics/ OXYTOCIN, pharmacodynamics/ *PITUITARY GLAND, drug effects/ PITUITARY GLAND, secretion/ PROTAMINES, pharmacodynamics/ SPERMINE, pharmacodynamics/ VASOPRESSIN, pharmacodynamics

1733. **Kamemoto FI, Ono JK:** Neuroendocrine regulation of salt and water balance in the crayfish Procambarus clarkii. Comp Biochem Physiol 29:393-401, Apr 69
ANIMAL EXPERIMENTS/ BLOOD/ BODY WEIGHT/ *BRAIN/ BRAIN, physiology/ CHLORIDES, blood/ *CRUSTACEA, physiology/ *HORMONES/ KIDNEY, physiology/ *NEUROSECRETION/ OSMOLAR CONCENTRATION/ SODIUM, blood/ TISSUE EXTRACTS/ *WATER-ELECTROLYTE BALANCE

1734. **Kamińska M, Uszycka-Karcz M:** Guz chromochłonny nadnercza u dzieci. Pediat Pol 44:329-31, Mar 69 **(Pol)**
ADOLESCENCE/ *ADRENAL GLAND NEOPLASMS/ CHILD/ FEMALE/ HUMAN/ MALE/ *PHEOCHROMOCYTOMA

1735. **Kamitsuna S, Cole VW:** Simple method of measuring plasma testosterone by analysis of competitive testosterone binding protein.
Hiroshima J Med Sci 18:1-11, Mar 69
ADULT/ FEMALE/ HUMAN/ INFANT/ MALE/ METHODS/ MIDDLE AGE/ PROTEIN BINDING/ SERUM GLOBULIN, analysis/ *TESTOSTERONE, blood/ TRITIUM

1736. **Kamoun A, Haberey P:** Etude de l'activité surrénalienne au cours de la lactation et pendant la vie post-natale chez le rat.
Path Biol (Paris) 17:159-63, Feb 69 **(Fre)**
*ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ *ANIMALS, NEWBORN, physiology/ *CORTICOSTERONE, analysis/ *CORTICOSTERONE, blood/ ENGLISH ABSTRACT/ FEMALE/ *LACTATION/ MALE/ PREGNANCY/ RATS

1737. **Kamyab S, Fotherby K, Klopper AI:** Metabolism of [4-14C]lynestrenol in man. J Endocr 42:337-43, Oct 68
ADOLESCENCE/ ADULT/ CARBON ISOTOPES/ CHROMATOGRAPHY, PAPER/ FEMALE/ HUMAN/ LYNESTRENOL, blood/ *LYNESTRENOL, metabolism/ LYNESTRENOL, urine/ MIDDLE AGE/ NORETHINDRONE, metabolism/ PHENOLS, urine/ SULFATES, urine

1738. **Kanani SR, Knight R:** Amoebic dysentery precipitated by corticosteroids. Brit Med J 3:114, 12 Jul 69
*DYSENTERY, AMEBIC, etiology/ ENTAMOEBA HISTOLYTICA, isolation & purification/ FECES, microbiology/ HUMAN/ MALE/ MIDDLE AGE/ *PREDNISOLONE, adverse effects

1739. **Kaneko T, Field JB:** A new determination of oxidized and reduced nicotinamide-adenine dinucleotide in tissues. Anal Biochem 29:193-202, May 69
ADRENAL GLANDS, enzymology/ ANIMAL EXPERIMENTS/ CARBON DIOXIDE, analysis/ CARBON ISOTOPES/ GLUTAMATE DEHYDROGENASE/ KIDNEY, enzymology/ LACTATE DEHYDROGENASE/ LACTATES/ LIVER, enzymology/ METHODS/ *NAD, analysis/ NADP, analysis/ PYRUVATES/ RATS/ TIME FACTORS

1740. **Kaneko Y:** [Renin]
Jap J Clin Med 27:400-10, Feb 69 (39 ref.) **(Jap)**
ANGIOTENSIN, blood/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CATS/ CATTLE/ DIALYSIS/ HUMAN/ METHODS/ RABBITS/ RATS/ *RENIN, blood/ REVIEW/ SHEEP/ SWINE

1741. **Kaneyoshi A:** [Effect of gonadotropin on aminopeptidase activities in the rat ovary]
Folia Endocr Jap 44:1286-308, 20 Mar 69 **(Jap)**
AGING/ *AMINOPEPTIDASES, metabolism/ ANIMAL EXPERIMENTS/ CYSTINE/ ESTRUS/ FEMALE/ *GONADOTROPINS, pharmacodynamics/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ GONADOTROPINS, EQUINE, pharmacodynamics/ HISTOCYTOCHEMISTRY/ INJECTIONS, SUBCUTANEOUS/ ISOENZYMES, analysis/ LEUCINE AMINOPEPTIDASE, metabolism/ *OVARY, enzymology/ PITUITARY GLAND, physiology/ RATS/ TIME FACTORS

1742. **Kang GS, DiGiulio W:** Potential value of toluidine blue analogs as parathyroid scanning agents.
J Nucl Med 9:643-4, Dec 68
ANIMAL EXPERIMENTS/ DOGS/ *DYES/ DYES, metabolism/ INFUSIONS, PARENTERAL/ IODINE ISOTOPES/ *PARATHYROID GLANDS/ PARATHYROID GLANDS, metabolism/ *RADIOISOTOPE SCANNING/ RADIOISOTOPES/ SELENIUM

1743. **Kanof NM:** Post-pubertal acne in women.
J Amer Med Wom Ass 24:301-2, Apr 69
*ACNE, drug therapy/ ADOLESCENCE/ ANTIBIOTICS, therapeutic use/ CHILD/ COSMETICS, therapeutic use/ FEMALE/ HUMAN/ *PUBERTY

1744. **Kaori M, Itelson I:** Management of thyrotoxicosis in pregnancy. Value of serial protein-bound iodine and hamolski tests. Israel J Med Sci 5:43-8, Jan-Feb 69
ADULT/ ERYTHROCYTES, metabolism/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, diagnosis/ *HYPERTHYROIDISM, drug therapy/ HYPERTHYROIDISM, surgery/ MALE/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ PROTEIN-BOUND IODINE

TEST/ THYROID ANTAGONISTS, therapeutic use/ THYROID HORMONES, therapeutic use/ THYROIDECTOMY/ TRIIODOTHYRONINE, diagnostic use

1745. **Kapanowski L**: Evaluation of adrenal function in experimental vitamin C deficiency.
Acta Med Pol 10:119-36, 1969
*ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ *ASCORBIC ACID DEFICIENCY, metabolism/ GUINEA PIGS

1746. **Kaplan A, Davies JI, Field M**: The hemodynamic bisection of the liver. Surgery 66:357-67, Aug 69
ANIMAL EXPERIMENTS/ BLOOD FLOW VELOCITY/ BLOOD PRESSURE, drug effects/ DOGS/ *HEMODYNAMICS/ HEMODYNAMICS, drug effects/ *HEPATIC ARTERY, physiology/ *LIVER CIRCULATION/ LYMPHATIC SYSTEM, physiology/ *PORTAL VEIN, physiology/ SERUM ALBUMIN, RADIO-IODINATED/ TRIMETHAPHAN, pharmacodynamics/ VASOPRESSIN, pharmacodynamics

1747. **Kaplan EL, Peskin GW, Arnaud CD**: Nonsteroid, calcitonin-like factor from the adrenal gland.
Surgery 66:167-74, Jul 69
*ADRENAL GLANDS, analysis/ *ADRENAL GLANDS, secretion/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ *CALCIUM, blood/ DESOXYCORTICOSTERONE, pharmacodynamics/ DOGS/ EPINEPHRINE, pharmacodynamics/ *HORMONES, secretion/ HYDROCORTISONE, pharmacodynamics/ RADIOIMMUNOASSAY/ SPECTRUM ANALYSIS/ *THYROCALCITONIN

1748. **Kaplan EL, Peskin GW, Arnaud CC**: A calcitonin-like factor from the human adrenal gland.
Brit J Surg 56:624, Aug 69
*ADRENAL GLANDS, analysis/ ADULT/ CALCIUM, blood/ HUMAN/ HYPERPLASIA, pathology/ MALE/ *THYROCALCITONIN, analysis

1749. **Kaplan G**: Ostéomalacie.
Presse Med 77:757-60, 23 Apr 69 **(Fre)**
ACIDOSIS, RENAL TUBULAR, complications/ ADULT/ BONE AND BONES, pathology/ CALCIUM, metabolism/ CHRONIC DISEASE/ ENTERITIS, REGIONAL, complications/ FANCONI SYNDROME, complications/ GASTRECTOMY, adverse effects/ GASTROINTESTINAL DISEASES, complications/ HUMAN/ HYPOPHOSPHATASIA, complications/ HYPOPHOSPHATEMIA, FAMILIAL, complications/ INTESTINAL ABSORPTION/ KIDNEY FAILURE, CHRONIC, complications/ METABOLIC DISEASES, complications/ *OSTEOMALACIA/ OSTEOMALACIA, diagnosis/ OSTEOMALACIA, etiology/ OSTEOMALACIA, pathology/ OSTEOMALACIA, radiography/ PANCREATITIS, complications/ PARATHYROID HORMONE, metabolism/ PHOSPHORUS, metabolism/ SPRUE, complications/ VITAMIN D, physiology/ VITAMIN D DEFICIENCY, complications

1750. **Kaplan G**: Traitement de l'hypercalcémie par les phosphates. Therapeutique 45:538-9, May 69 **(Fre)**
HUMAN/ *HYPERCALCEMIA, drug therapy/ *PHOSPHATES, therapeutic use

1751. **Kaplan S, Frasier SD, Costin G**: Growth hormone secretion in idiopathic precocious puberty: effect of medroxyprogesterone. J Pediat 75:133-8, Jul 69
BONE DEVELOPMENT/ CHILD/ CHILD, PRESCHOOL/ ESTROGENS, urine/ FEMALE/ GONADOTROPINS, urine/ HUMAN/ HYPOGLYCEMIA, chemically induced/ MALE/ MEDROXYPROGESTERONE, administration & dosage/ MEDROXYPROGESTERONE, adverse effects/ MEDROXYPROGESTERONE, pharmacodynamics/ *MEDROXYPROGESTERONE, therapeutic use/ METHODS/ *PUBERTY, PRECOCIOUS, drug therapy/ PUBERTY, PRECOCIOUS, physiopathology/ SOMATOTROPIN, blood/ *SOMATOTROPIN, secretion

1752. **Kaplan WD, Oftedal P**: Genetic effects of tritiated thymidine and evidence for its incorporation into a cytoplasmic component of the adult testis of Drosophila melanogaster.
Mutat Res 8:127-38, Jul-Aug 69
ANIMAL EXPERIMENTS/ *CYTOPLASM, metabolism/ DEOXYRIBONUCLEASE/ *DNA, metabolism/ DROSOPHILA/ FEMALE/ MALE/ MUTATION, drug effects/ RADIOAUTOGRAPHY/ RIBONUCLEASE/ SPERMATOZOA, metabolism/ TESTIS, metabolism/ *THYMIDINE, metabolism/ THYMIDINE, pharmacodynamics/ *TRITIUM

1753. **Kapur S**: Evaluation of treatment of tuberculous meningitis since the use of steroid as an adjuvant.
Indian Pediat 6:166-71, Mar 69
CHILD/ CHILD, PRESCHOOL/ FEMALE/ *GLUCOCORTICOIDS, therapeutic use/ HUMAN/ INFANT/ MALE/ *TUBERCULOSIS, MENINGEAL, drug therapy

1754. **Kar K, Sur RN, Pradhan SN**: Depressor response to noradrenaline in hypothermic cats.
Jap J Pharmacol 19:68-73, Mar 69
ACETAZOLAMIDE, pharmacodynamics/ ACETYLCHOLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ATROPINE, pharmacodynamics/ BICARBONATES, pharmacodynamics/ BLOOD PRESSURE, drug effects/ CALCIUM, pharmacodynamics/ CATS/ *DEPRESSION, CHEMICAL/ DICHLOROISOPROTERENOL, pharmacodynamics/ ELECTROCARDIOGRAPHY/ EPINEPHRINE, pharmacodynamics/ FEMALE/ GLUCONATES/ GUANETHIDINE, pharmacodynamics/ HEXAMETHONIUM COMPOUNDS, pharmacodynamics/ *HYPOTHERMIA/ ISOPROTERENOL, pharmacodynamics/ LACTATES, pharmacodynamics/ MALE/ NEOSTIGMINE, pharmacodynamics/ *NOREPINEPHRINE, pharmacodynamics/ PHENOXYBENZAMINE, pharmacodynamics/ PHENTOLAMINE, pharmacodynamics/ PHYSOSTIGMINE, pharmacodynamics/ PITUITARY HORMONES, POSTERIOR, pharmacodynamics/ POTASSIUM CHLORIDE, pharmacodynamics/ TOLAZOLINE, pharmacodynamics

1755. **Karanfiliski B, Serafimov N, Tacer IS**: Thyroiditis subacuta--de Quervain i radiojodnite ispituvanja.
God Zborn Med Fak Skopje 14:131-9, 1968 **(Ser)**
ADULT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ *IODINE ISOTOPES, DIAGNOSTIC/ METHODS/ MIDDLE AGE/ *RADIOISOTOPE SCANNING/ *THYROIDITIS, diagnosis

1756. **Karlsson LK, Hirvonen J, Salorinne Y**: Adrenaline and the amount of secretory material in the subcommissural organ of the rat.
Ann Med Exp Biol Fenn 46:293-4, 1968
ANIMAL EXPERIMENTS/ *EPINEPHRINE, pharmacodynamics/ HISTOCYTOCHEMISTRY/ INJECTIONS, INTRAPERITONEAL/ PITUITARY GLAND, POSTERIOR, analysis/ *PITUITARY GLAND, POSTERIOR, drug effects/ *PITUITARY GLAND, POSTERIOR, secretion/ RATS

1757. **Karwowska-Stauber L, Szczygiel B**: [Experimental studies on the influence of thyroid hormones and some other hormonal factors on diabetic acidosis]
Acta Diabet Lat 6:56-73, Jan-Mar 69 **(Mul)**
*ACIDOSIS, DIABETIC/ ANIMAL EXPERIMENTS/ DOGS/ ENGLISH ABSTRACT/ FATTY ACIDS, blood/ *HYPOPHYSECTOMY/ KETONE BODIES, blood/ LIPIDS, blood/ *PANCREATECTOMY/ *SOMATOTROPIN, pharmacodynamics/ *THYROID HORMONES, pharmacodynamics/ *THYROIDECTOMY

1758. **Kassil' GN, Gugumiivili TsG, Zumier AS, et al**: Primenenie adrenalinovoi proby dlia otsenki fimitsopma; 'nogo sostoirnia simpatiko-adrenalovoi sistemy. Biull Eksp Biol Med 67:11-4, Apr 69 **(Rus)**

*ADRENAL GLANDS, physiopathology/ *ASTHMA, diagnosis/ ASTHMA, physiopathology/ DOPA, urine/ DOPAMINE, urine/ *EPINEPHRINE, diagnostic use/ EPINEPHRINE, urine/ HUMAN/ *HYPERTENSION, diagnosis/ HYPERTENSION, physiopathology/ NOREPINEPHRINE, urine/ *SYMPATHETIC NERVOUS SYSTEM, physiopathology

1759. **Kastin AJ, Miller MC 3d, Schally AV:** Modified in vitro assay for melanocyte-stimulating hormones.
Experientia 25:192-3, 15 Feb 69
ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ *BIOLOGICAL ASSAY/ FROGS/ IN VITRO/ LIGHT/ METHODS/ MSH, blood/ *MSH, pharmacodynamics/ MSH, standards/ *PIGMENTATION, drug effects/ RADIATION EFFECTS/ RATS/ *SKIN, drug effects/ SKIN, radiation effects

1760. **Katayama KP, Toews HA:** Chromosomes of metastatic ovarian carcinoma treated with a progestogen and alkylating agents.
Amer J Obstet Gynec 104:997-1003, 1 Aug 69
ABDOMINAL NEOPLASMS, familial & genetic/ *ADENOCARCINOMA, PAPILLARY, drug therapy/ AGED/ *ALKYLATING AGENTS, pharmacodynamics/ ALKYLATING AGENTS, therapeutic use/ ASCITIC FLUID, cytology/ *CHROMOSOMES, drug effects/ FEMALE/ HUMAN/ *HYDROXYPROGESTERONE, pharmacodynamics/ HYDROXYPROGESTERONE, therapeutic use/ KARYOTYPING/ MELPHALAN, therapeutic use/ METHODS/ NEOPLASM CIRCULATING CELLS, familial & genetic/ NEOPLASM METASTASIS/ *OVARIAN NEOPLASMS, drug therapy/ OVARIAN NEOPLASMS, familial & genetic

1761. **Kates RB, Goss DA, Townes PJ:** Immediate postpartum use of sequential oral contraceptive therapy.
Southern Med J 62:694-6, Jun 69
ADOLESCENCE/ ADULT/ *CONTRACEPTIVES, ORAL/ CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ LACTATION, drug effects/ OVULATION, drug effects/ PREGNANCY/ *PUERPERIUM

1762. **Kato K, Murakami T, Usui T:** [On diencephalo-hypophyseo-adrenocortical function in various diseases]
Clin Endocr (Tokyo) 17:159-63, Mar 69 **(Jap)**
ADOLESCENCE/ ADRENAL CORTEX HORMONES, urine/ *ADRENAL GLANDS, physiopathology/ ASTHMA, physiopathology/ CHILD/ CHILD, PRESCHOOL/ CHROMATOGRAPHY, GAS/ CORTICOTROPIN, urine/ *DIENCEPHALON, physiopathology/ FEEDBACK/ HUMAN/ NEPHROSIS, physiopathology/ OBESITY, physiopathology/ PITUITARY-ADRENAL FUNCTION TESTS/ *PITUITARY GLAND, physiopathology/ PITUITARY GLAND FUNCTION TESTS

1763. **Kato K, Takakura I, Tsuchiya H, et al:** [Findings on adrenocortical function in infants, especially on cortisol metabolism obtained by radioisotope methods] Clin Endocr (Tokyo) 17:164-7, Mar 69 **(Jap)**
*ADRENAL GLANDS, physiology/ AGE FACTORS/ CARBON ISOTOPES/ CHILD/ CHILD, PRESCHOOL/ HUMAN/ *HYDROCORTISONE, metabolism/ HYDROCORTISONE, urine/ INFANT/ *INFANT, NEWBORN/ OBESITY, metabolism/ RADIOISOTOPE DILUTION TECHNIC/ THYROID DISEASES, metabolism

1764. **Kato M:** Studies of a biochemical lesion in experimental tuberculosis in mice. XI. Mitochondrial swelling induced by cord factor in vitro.
Amer Rev Resp Dis 100:47-53, Jul 69
ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CELL MEMBRANE/ DENSITOMETRY/ EDTA, pharmacodynamics/ *GLYCOLIPIDS, pharmacodynamics/ IN VITRO/ MAGNESIUM, pharmacodynamics/ MALE/ MANGANESE, pharmacodynamics/ MICE/ MICROSCOPY, ELECTRON/ MITOCHONDRIA, drug effects/ *MITOCHONDRIA, LIVER, drug effects/ *MYCOBACTERIUM TUBERCULOSIS, analysis/ SERUM ALBUMIN, BOVINE/ THYROXINE/ *TUBERCULOSIS, pathology

1765. **Kato R, Takahashi A:** Effect of phenobarbital on the activities of drug-metabolizing enzymes and electron transport system of liver microsomes in alloxan diabetes and thyroxine treated rats.
Jap J Pharmacol 19:45-52, Mar 69
*ALLOXAN DIABETES, metabolism/ ANIMAL EXPERIMENTS/ *ELECTRON TRANSPORT, drug effects/ FEMALE/ LIVER/ LIVER, enzymology/ *LIVER, metabolism/ MICROSOMES, analysis/ MICROSOMES, enzymology/ *MICROSOMES, metabolism/ ORGAN WEIGHT/ *PHENOBARBITAL, pharmacodynamics/ PROTEINS, analysis/ RATS/ STIMULATION, CHEMICAL/ *THYROXINE, pharmacodynamics

1766. **Kato R, Takanaka A, Takahashi A, et al:** Species differences in the alteration of drug-metabolizing activities of liver microsomes by thyroxine treatment.
Jap J Pharmacol 19:5-18, Mar 69
AMINOPYRINE, metabolism/ ANILINE COMPOUNDS, metabolism/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ ELECTRON TRANSPORT/ FEMALE/ HEART/ HEXOBARBITAL, metabolism/ IN VITRO/ LIVER/ LIVER, enzymology/ *LIVER, metabolism/ MALE/ MICE/ *MICROSOMES, metabolism/ NADP/ NITROBENZENES, metabolism/ ORGAN WEIGHT/ OXIDOREDUCTASES, metabolism/ RABBITS/ RATS/ *SPECIES SPECIFICITY/ *THYROXINE, administration & dosage

1767. **Kato R, Takayanagi M, Oshima T:** Differences in the oxidative metabolism of drugs by liver microsomes.
Jap J Pharmacol 19:53-62, Mar 69
*AMINOPYRINE, metabolism/ *ANILINE COMPOUNDS, metabolism/ ANIMAL EXPERIMENTS/ FEMALE/ *HEXOBARBITAL, metabolism/ *LIVER, metabolism/ MALE/ METHYLCHOLANTHRENE, pharmacodynamics/ *MICROSOMES, enzymology/ OXIDATION-REDUCTION/ OXIDOREDUCTASES/ *PENTOBARBITAL, metabolism/ PHENOBARBITAL, pharmacodynamics/ PROADIFEN, pharmacodynamics/ RATS/ SEX FACTORS/ STARVATION, metabolism/ THYROXINE, pharmacodynamics/ *ZOXAZOLAMINE, metabolism

1768. **Kato T:** [Testosterone]
Jap J Clin Med 27:363-8, Feb 69 **(Jap)**
FEMALE/ GEL FILTRATION/ HUMAN/ METHODS/ PREGNANCY/ PROTEIN BINDING/ SERUM GLOBULIN, analysis/ *TESTOSTERONE, blood/ TRITIUM

1769. **Katsushima I:** [Aldosterone]
Jap J Clin Med 27:394-9, Feb 69 **(Jap)**
ALDOSTERONE, secretion/ *ALDOSTERONE, urine/ CARBON ISOTOPES/ CHROMATOGRAPHY, PAPER/ FEMALE/ HUMAN/ MALE/ METHODS/ RADIOISOTOPE DILUTION TECHNIC/ SECRETORY RATE/ TRITIUM

1770. **Katz FH:** Laboratory aids in the diagnosis of endocrine disorders. Med Clin N Amer 53:79-95, Jan 69 (43 ref.)
ADRENAL GLAND HYPERFUNCTION, diagnosis/ ADRENAL GLAND HYPOFUNCTION, diagnosis/ ANDROGENS, blood/ CORTICOTROPIN, blood/ ENDOCRINE DISEASES, blood/ *ENDOCRINE DISEASES, diagnosis/ GLUCOCORTICOIDS, blood/ GONADOTROPINS, blood/ HUMAN/ HYPERTHYROIDISM, diagnosis/ HYPOTHYROIDISM, diagnosis/ IODINE ISOTOPES, DIAGNOSTIC/ LONG-ACTING THYROID STIMULATOR, blood/ MINERALOCORTICOIDS, blood/ REVIEW/ SOMATOTROPIN, blood/ THYROID GLAND FUNCTION TESTS/ THYROID HORMONES, blood/ THYROTROPIN, blood

1771. **Katz FH, Shannon IL:** Adrenal corticosteroids in submaxillary fluid. J Dent Res 48:448-51, May-Jun 69
ADOLESCENCE/ *ADRENAL CORTEX HORMONES, analysis/ ADULT/ CORTICOTROPIN/ CORTISONE, analysis/ HUMAN/ HYDROCORTISONE, analysis/ INJECTIONS, INTRAMUSCULAR/ MALE/ *SALIVA, analysis/ SUBMANDIBULAR GLAND

1772. **Katzman H, Waugh T, Berdon W:** Skeletal changes following irradiation of childhood tumors.
J Bone Joint Surg [Brit] 51:825-42, Jul 69
AGE FACTORS/ *BONE AND BONES, radiation effects/ CHILD/ CHILD, PRESCHOOL/ CHONDROMA, etiology/ CHOROID NEOPLASMS, radiotherapy/ EPIPHYSES, radiation effects/ EXOSTOSES, etiology/ FEMALE/ FOLLOW-UP STUDIES/ HEMANGIOMA, radiotherapy/ HUMAN/ ILIUM, radiation effects/ INFANT/ KIDNEY NEOPLASMS, radiotherapy/ KYPHOSIS, etiology/ MALE/ *NEOPLASMS, radiotherapy/ NEOPLASMS, NERVOUS TISSUE, radiotherapy/ *NEOPLASMS, RADIATION-INDUCED/ NEPHROBLASTOMA, radiotherapy/ NEUROBLASTOMA, radiotherapy/ NOSE NEOPLASMS, etiology/ *RADIATION INJURY/ *RADIOTHERAPY, adverse effects/ RADIOTHERAPY DOSAGE/ RETINOBLASTOMA, radiotherapy/ RIBS, radiation effects/ SARCOMA, OSTEOGENIC, etiology/ *SCOLIOSIS, etiology/ *SPINE, radiation effects/ TIME FACTORS

1773. **Kaw JL, Zaidi SH:** Effect of ascorbic acid on pulmonary silicosis of guinea pigs.
Arch Environ Health (Chicago) 19:74-83, Jul 69
ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ ASCORBIC ACID, analysis/ ASCORBIC ACID, blood/ *ASCORBIC ACID, pharmacodynamics/ COLLAGEN, biosynthesis/ GUINEA PIGS/ HISTOCYTOCHEMISTRY/ LUNG, analysis/ LUNG, pathology/ METHODS/ SCURVY, metabolism/ SILICA, analysis/ *SILICOSIS, drug therapy/ SILICOSIS, mortality/ SILVER

1774. **Kawai A, Tamura M, Tanimoto S, et al:** Studies on adrenal cortical function in patients with lung cancer.
Metabolism 18:609-19, Jul 69
*ADRENAL GLANDS, physiopathology/ ADULT/ AGED/ CHEMISTRY, CLINICAL/ CORTICOTROPIN, diagnostic use/ CORTICOTROPIN, secretion/ DEXAMETHASONE, diagnostic use/ FEMALE/ HORMONES, ECTOPIC, secretion/ HUMAN/ HYDROCORTISONE, blood/ HYDROCORTISONE, urine/ 17-HYDROXYCORTICOSTEROIDS, urine/ *LUNG NEOPLASMS, physiopathology/ MALE/ METHODS/ MIDDLE AGE/ *PITUITARY-ADRENAL FUNCTION TESTS/ *PITUITARY-ADRENAL SYSTEM

1775. **Kawamura H, Domino EF:** Hippocampal slow ("arousal") wave activation in the rostral midbrain transected cat.
Electroenceph Clin Neurophysiol 25:471-80, Nov 68
ANIMAL EXPERIMENTS/ CATS/ *CEREBRAL CORTEX, physiology/ DIENCEPHALON, surgery/ ELECTRIC STIMULATION/ *ELECTROENCEPHALOGRAPHY/ *HIPPOCAMPUS, physiology/ *HYPOTHALAMUS, physiology/ *MESENCEPHALON, physiology/ MESENCEPHALON, surgery/ RETICULAR FORMATION, physiology/ THALAMUS, physiology

1776. **Kawanami M, Kuwabara H, Santa T:** [Case of myopathy with Cushing's syndrome]
Saishin Igaku 24:431-6, 10 Feb 68 **(Jap)**
ADENOMA, surgery/ ADRENAL GLAND NEOPLASMS, surgery/ ADRENALECTOMY/ ADULT/ BIOPSY/ *CUSHING'S SYNDROME, complications/ CUSHING'S SYNDROME, etiology/ FEMALE/ HUMAN/ MICROSCOPY, ELECTRON/ MUSCLES, pathology/ *MUSCULAR DISEASES, complications

1777. **Kayaalp SO, McIsaac RJ:** Muscarinic component of splanchnic-adrenal transmission in the dog.
Brit J Pharmacol 36:286-93, Jun 69
ADRENAL MEDULLA, drug effects/ *ADRENAL MEDULLA, physiology/ ANIMAL EXPERIMENTS/ ATROPINE, pharmacodynamics/ CATECHOLAMINES, secretion/ DOGS/ ELECTRIC STIMULATION/ FEMALE/ HEXAMETHONIUM COMPOUNDS, pharmacodynamics/ HINDLIMB, blood supply/ MALE/ *NEURAL TRANSMISSION, drug effects/ NICOTINE, pharmacodynamics/ PERFUSION/ RECEPTORS, DRUG/ *SPLANCHNIC NERVES, physiology

1778. **Kaye M, Cohen GF, Chatterjee G, et al:** Regulation of the plasma ionized calcium and its therapeutic control in patients treated by regular hemodialysis.
Trans Amer Soc Artif Intern Organs 15:341-6, 1969
BONE AND BONES, metabolism/ *CALCIUM, blood/ CALCIUM ISOTOPES/ FECES, analysis/ *HEMODIALYSIS/ HUMAN/ INTESTINAL ABSORPTION/ IONS/ PARATHYROID HORMONE, blood/ UREMIA, metabolism/ *UREMIA, physiopathology/ *UREMIA, therapy

1779. **Kayser C, Heusner AA:** Le rythme nycthéméral de la dépense d'énergie. Etude de physiologie comparée.
J Physiol (Paris) 59:Suppl:3-116, 1967 **(Fre)**
AIR/ ANIMAL EXPERIMENTS/ ARTHROPODS, physiology/ BEES, physiology/ BIOLOGICAL CLOCKS/ BIRDS, physiology/ BODY TEMPERATURE/ BODY WEIGHT/ *CIRCADIAN RHYTHM/ DNA, metabolism/ DROSOPHILA, physiology/ ENDOCRINE GLANDS, physiology/ FEMALE/ HIBERNATION/ HUMAN/ LIGHT/ MALE/ *MAMMALS, physiology/ *METABOLISM/ METHODS/ MODELS, THEORETICAL/ NERVOUS SYSTEM, physiology/ OXYGEN CONSUMPTION/ PERIODICITY/ PHOTOSYNTHESIS/ PLANTS, metabolism/ *RESPIRATION/ RNA, metabolism/ SEASONS/ SLEEP/ TEMPERATURE/ WEATHER

1780. **Kazda S, Pohlová I, Bíbr B, et al:** Norepinephrine content of tissues in Doca-hypertensive rats.
Amer J Physiol 216:1472-5, Jun 69
ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ *DESOXYCORTICOSTERONE/ FEMALE/ *HYPERTENSION, chemically induced/ MYOCARDIUM, analysis/ MYOCARDIUM, metabolism/ *NOREPINEPHRINE, analysis/ NOREPINEPHRINE, metabolism/ ORGAN WEIGHT/ RATS/ TRITIUM/ UTERUS, analysis/ UTERUS, metabolism

1781. **Kazmeier F:** Ungewöhnlicher Verlauf einer Arteriitis cranialis.
Munchen Med Wschr 111:531-4, 7 Mar 69 **(Ger)**
ADRENAL CORTEX HORMONES, adverse effects/ ADRENAL CORTEX HORMONES, therapeutic use/ CORTICOTROPIN, therapeutic use/ CORTISONE, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ KIDNEY DISEASES, chemically induced/ MALE/ METHODS/ MIDDLE AGE/ RADIOISOTOPE RENOGRAPHY/ *RETINAL VESSELS, physiopathology/ *TEMPORAL ARTERITIS, complications/ TEMPORAL ARTERITIS, drug therapy

1782. **Keast D:** The murine runting syndrome and neoplasia.
Immunology 16:693-7, Jun 69
ACUTE DISEASE/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ BACTERIA/ CHRONIC DISEASE/ CORTISONE/ ENDOTOXINS/ *HOMOLOGOUS WASTING DISEASE, complications/ MICE/ *NEOPLASMS, etiology/ NEOPLASMS, immunology/ REOVIRUS INFECTIONS, complications/ TOXEMIA, complications/ TOXEMIA, etiology

1783. **Keating PD, Hepler RS:** Blepharophimosis and acquired somato-facial dysmorphism. Associated with congenital cataracts.
Arch Ophthal (Chicago) 82:1-3, Jul 69
*BONE AND BONES, abnormalities/ BONE DISEASES, diagnosis/ CASE REPORT/ CATARACT, complications/ CATARACT,

familial & genetic/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ DWARFISM, familial & genetic/ *EYE DISEASES, complications/ EYE DISEASES, familial & genetic/ EYELIDS/ HUMAN/ MALE/ *MUSCULAR DISEASES, complications/ MUSCULAR DISEASES, diagnosis/ MUSCULAR DISEASES, familial & genetic

1784. **Keaveny TV, Fitzgerald PA, McMullin JP:** Selective parathyroid and pancreatic staining.
Brit J Surg 56:595-7, Aug 69
ADENOMA, diagnosis/ ADULT/ ANIMAL EXPERIMENTS/ DOGS/ DYES, diagnostic use/ HISTOLOGICAL TECHNICS/ HYPERPARATHYROIDISM, pathology/ INJECTIONS, INTRA-ARTERIAL/ INJECTIONS, INTRAVENOUS/ MALE/ *PANCREAS, anatomy & histology/ *PARATHYROID GLANDS, pathology/ PARATHYROID NEOPLASMS, diagnosis/ RATS/ *STAINS AND STAINING

1785. **Kellerman GM, Biggs DR, Linnane AW:** Biogenesis of mitochondria. XI. A comparison of the effects of growth-limiting oxygen tension, intercalating agents, and antibiotics on the obligate aerobe Candida parapsilosis. J Cell Biol 42:378-91, Aug 69
ACRIDINES, pharmacodynamics/ AMMONIUM COMPOUNDS, pharmacodynamics/ *ANTIBIOTICS, pharmacodynamics/ *CANDIDA, cytology/ *CANDIDA, drug effects/ CHLORAMPHENICOL, pharmacodynamics/ CYTOCHROMES, biosynthesis/ ERYTHROMYCIN, pharmacodynamics/ FATTY ACIDS/ LINCOMYCIN, pharmacodynamics/ MEMBRANES/ MICROSCOPY, ELECTRON/ *MITOCHONDRIA/ MITOCHONDRIA, enzymology/ MITOCHONDRIA, metabolism/ *OXYGEN CONSUMPTION/ QUINOLINES, pharmacodynamics/ VITAMIN D

1786. **Kelly RW:** A new cyclic silyl dioxy derivative of a cis diol. Tetrahedron Lett 12:967-8, Mar 69
*ALCOHOLS/ CHEMISTRY/ CHROMATOGRAPHY, GAS/ *STEROIDS

1787. **Kelly RW, Shackleton CH, Mitchell FL:** The identification and importance of new steroids in the foeto-placental unit. J Endocr 43:xxiv-xxv, Jan 69
DEHYDROEPIANDROSTERONE, chem synthesis/ DEHYDROEPIANDROSTERONE, urine/ ESTROGENS, urine/ FEMALE/ FETUS/ HUMAN/ INFANT, NEWBORN/ *PLACENTAL HORMONES, urine/ PREGNANCY/ *STEROIDS, urine

1788. **Kelly WA, Marston JH, Eckstein P:** Effect of an intra-uterine device on conception and ovulation in the Rhesus monkey. J Reprod Fertil 19:143-8, Jun 69
ANIMAL EXPERIMENTS/ COITUS/ FEMALE/ FERTILITY/ *FERTILIZATION/ *INTRAUTERINE DEVICES/ MALE/ MONKEYS/ OVARY, anatomy & histology/ *OVULATION/ PREGNANCY

1789. **Kelly WA, Marston JH, Eckstein P:** Effect of an intra-uterine device on endometrial morphology and the deciduomal reaction in the Rhesus monkey. J Reprod Fertil 19:331-40, Jul 69
ANIMAL EXPERIMENTS/ CASTRATION/ *DECIDUA/ *ENDOMETRIUM, anatomy & histology/ EPITHELIUM, anatomy & histology/ FEMALE/ *INTRAUTERINE DEVICES/ LEUKOCYTES/ MONKEYS/ OVARY, anatomy & histology/ *UTERINE NEOPLASMS, etiology/ *UTERUS, injuries

1790. **Kemp E, Clark PB, Anderson CK, et al:** Low temperature preservation of mammalian kidneys. Scand J Urol Nephrol 2:183-90, 1968
ACID PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ CATS/ *DIMETHYL SULFOXIDE/ DOGS/ *FREEZING/ KIDNEY, pathology/ KIDNEY, physiology/ *KIDNEY, transplantation/ LACTATE DEHYDROGENASE, analysis/ LACTATE DEHYDROGENASE ISOENZYMES, analysis/ *MAMMALS/ METHODS/ ORGAN WEIGHT/ PERFUSION/ POTASSIUM, analysis/ PROTEINS, analysis/ RABBITS/ RATS/ RENIN, analysis/ SPECIES SPECIFICITY/ *TISSUE PRESERVATION

1791. **Kemper F:** Neue Ergebnisse zur Hemmung des experimentellen Exophthalmus.
Naunyn Schmiedeberg Arch Pharm Exp Path 260:151-2, 1968 (Ger)
ANIMAL EXPERIMENTS/ CYPRINIDAE/ DEPRESSION, CHEMICAL/ *EXOPHTHALMOS, prevention & control/ PLANT EXTRACTS, pharmacodynamics/ *PLANTS/ THYROTROPIN, antagonists & inhibitors

1792. **Kendall JW, Grimm Y, Shimshak G:** Relation of cerebrospinal fluid circulation to the ACTH-suppressing effects of corticosteroid implants in the rat brain. Endocrinology 85:200-8, Aug 69
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ *CEREBRAL VENTRICLES, physiology/ *CEREBROSPINAL FLUID, physiology/ CORTICOSTERONE, blood/ CORTICOSTERONE, pharmacodynamics/ *CORTICOTROPIN, secretion/ DEPRESSION, CHEMICAL/ DEXAMETHASONE, pharmacodynamics/ FEEDBACK/ FLUOROMETRY/ *HYDROCORTISONE, pharmacodynamics/ HYPOPHYSECTOMY/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ MALE/ *PITUITARY-ADRENAL SYSTEM, drug effects/ PITUITARY GLAND, transplantation/ RATS/ TRYPAN BLUE

1793. **Kennedy GC:** Interactions between feeding behavior and hormones during growth.
Ann NY Acad Sci 157:1049-61, 15 May 69
ADIPOSE TISSUE/ ANIMAL EXPERIMENTS/ BODY TEMPERATURE REGULATION/ BODY WEIGHT/ DIET/ FEEDBACK/ *FEEDING BEHAVIOR/ FEMALE/ *GROWTH/ *HORMONES/ HYPOTHALAMUS, physiology/ KAOLIN, pharmacodynamics/ MALE/ RATS

1794. **Kent HA, Keith WB:** Testosterone as a mediator of testis development in the foetal hamster.
J Reprod Fertil 18:171, Feb 69
ANIMAL EXPERIMENTS/ CELL DIFFERENTIATION/ FEMALE/ HAMSTERS/ MALE/ OVARY, analysis/ PREGNANCY/ PROGESTERONE, analysis/ PROGESTERONE, blood/ *TESTIS, embryology/ TESTOSTERONE, analysis/ TESTOSTERONE, blood/ *TESTOSTERONE, physiology

1795. **Kent PW:** Structure and function of glycoproteins. Essays Biochem 3:105-51, 1967 (162 ref.)
ANIMAL EXPERIMENTS/ BLOOD GROUPS/ BONE AND BONES/ CATS/ CATTLE/ CHEMISTRY/ CHIROPTERA/ CONNECTIVE TISSUE/ DOGS/ FETUIN/ FIBRINOGEN/ GAMMA GLOBULIN/ *GLYCOPROTEINS/ GLYCOPROTEINS, blood/ *GLYCOPROTEINS, metabolism/ GLYCOPROTEINS, urine/ HUMAN/ INTESTINES/ NEURAMINIC ACIDS/ RABBITS/ REVIEW/ SHEEP/ SUBMANDIBULAR GLAND, metabolism

1796. **Keown D:** Review of arterial thrombosis in association with oral contraceptives. Brit J Surg 56:486-8, Jul 69
ADULT/ CAROTID ARTERY THROMBOSIS, chemically induced/ CEREBRAL EMBOLISM AND THROMBOSIS, chemically induced/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ MESENTERIC ARTERIES/ *NORETHINDRONE, adverse effects/ *NORETHYNODREL, adverse effects/ POPLITEAL ARTERY/ PROGESTATIONAL HORMONES, administration & dosage/ *PROGESTATIONAL HORMONES, adverse effects/ *THROMBOSIS, chemically induced/ TIME FACTORS/ VERTEBRAL ARTERY

1797. **Kern R:** Experimentelle Studien zum Cortisonglaukom. 3. Die Wirkung von reinen Glucocorticosteroiden und Adjuvantien auf isolierte intraokuläre Muskelstreifen des Rheususaffen.
Ophthalmologica (Basel) 157:65-75, 1969 (Ger)
ACETYLCHOLINE, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ EPINEPHRINE, antagonists & inhibitors/ *GLAUCOMA, chemically induced/

*GLUCOCORTICOIDS, adverse effects/ INTRAOCULAR PRESSURE, drug effects/ MONKEYS/ MUSCLE CONTRACTION, drug effects/ *OCULOMOTOR MUSCLES, drug effects/ OPHTHALMIC SOLUTIONS, administration & dosage/ OPHTHALMIC SOLUTIONS, pharmacodynamics/ PHARMACEUTIC AIDS, administration & dosage/ *PHARMACEUTIC AIDS, pharmacodynamics/ POTASSIUM CHLORIDE, antagonists & inhibitors/ PUPIL, drug effects/ TIME FACTORS

1798. **Kerr MS**: The hemolymph proteins of the blue crab, Callinectes sapidus. II. A lipoprotein serologically identical to oocyte lipovitellin.
Develop Biol 20:1-17, Jul 69
ANIMAL EXPERIMENTS/ COPPER, analysis/ *CRUSTACEA/ ELECTROPHORESIS/ FEMALE/ GEL DIFFUSION TESTS/ GELS/ *HEMOLYMPH, analysis/ LIPOPROTEINS, isolation & purification/ OVARY, analysis/ OVUM, analysis/ *PROTEINS, analysis/ SEASONS/ STARCH

1799. **Ketcheson MR, Barron GP, Cox DH**: Relationship of maternal dietary zinc during gestation and lactation to development and zinc, iron and copper content of the postnatal rat. J Nutr 98:303-11, Jul 69
AGE FACTORS/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ BODY WEIGHT/ *COPPER, metabolism/ DEPRESSION, CHEMICAL/ DIET/ FEMALE/ FETAL DEATH/ *IRON, metabolism/ LACTATION/ LIVER, drug effects/ *LIVER, metabolism/ MALE/ *MATERNAL-FETAL EXCHANGE/ PREGNANCY/ RATS/ STIMULATION, CHEMICAL/ ZINC, administration & dosage/ *ZINC, metabolism/ ZINC, pharmacodynamics

1800. **Keyes PL, Armstrong DT**: Development of corpora lutea from follicles autotransplanted under the kidney capsule in rabbits.
Endocrinology 85:423-7, Sep 69
ANIMAL EXPERIMENTS/ CASTRATION/ *CORPUS LUTEUM, growth & development/ CORPUS LUTEUM, physiology/ ESTRADIOL, pharmacodynamics/ ESTROGENS, physiology/ FEMALE/ *GRAAFIAN FOLLICLE, transplantation/ KIDNEY/ LH, pharmacodynamics/ OVARY, surgery/ OVULATION/ PREGNANCY/ PROGESTERONE, secretion/ RABBITS/ TRANSPLANTATION, AUTOLOGOUS

1801. **Keynes WM, Barnes BA, Gordon E, et al**: Metabolic study of hyperparathyroid and other renal stone formers using a very low intake of calcium and magnesium. Brit J Surg 56:624, Aug 69
*CALCIUM, metabolism/ *DIET/ HUMAN/ *HYPERPARATHYROIDISM, metabolism/ *KIDNEY CALCULI, metabolism/ *MAGNESIUM, metabolism

1802. **Khan ZU, Meyer RK**: Nidation in weanling rats treated with PMS and gonadal steroids.
Fertil Steril 20:667-73, Jul-Aug 69
ANIMAL EXPERIMENTS/ *ESTRADIOL, pharmacodynamics/ FEMALE/ *GONADOTROPINS, EQUINE, pharmacodynamics/ MALE/ *MEDROXYPROGESTERONE, pharmacodynamics/ *NIDATION, drug effects/ PREGNANCY/ *PROGESTERONE, pharmacodynamics/ RATS/ TIME FACTORS/ WEANING

1803. **Kharina EI, Dushevina LA**: Dva sluchaia follikulomy laichnika. Feldsh Akush 34:42-3, Apr 69 **(Rus)**
GRANULOSA CELL TUMOR/ OVARIAN NEOPLASMS/ SPECIAL LIST NURSING

1804. **al-Khateeb A, Johnson E**: Action of hormones on seasonal changes of pelage in the vole.
J Endocr 43:43-4, Jan 69
ADRENAL CORTEX HORMONES, physiology/ ANIMAL EXPERIMENTS/ *HAIR, drug effects/ *HORMONES, physiology/ LIGHTING/ RODENTS/ *SEASONS/ SEX HORMONES, physiology/ THYROXINE, pharmacodynamics

1805. **Khavari KA**: Effects of central versus intraperitoneal D-amphetamine administration on learned behavior.
J Comp Physiol Psychol 68:226-34, Jun 69
ACHIEVEMENT/ ANIMAL EXPERIMENTS/ *BRAIN, drug effects/ CEREBRAL VENTRICLES, drug effects/ CEREBRAL VENTRICLES, physiopathology/ *CONDITIONING, OPERANT, drug effects/ *DEXTRO AMPHETAMINE, pharmacodynamics/ HIPPOCAMPUS, drug effects/ HIPPOCAMPUS, physiology/ HYPOTHALAMUS, drug effects/ HYPOTHALAMUS, physiology/ INJECTIONS, INTRAPERITONEAL/ *LEARNING, drug effects/ MALE/ RATS/ REINFORCEMENT SCHEDULE

1806. **Khomenok VP**: Ateroskleroz kak prichina skoropostizhnoĭ smerti lits mologo vozrasta.
Voennomed Zh 3:45-8, Mar 69 **(Rus)**
ADRENAL GLAND DISEASES, etiology/ ADULT/ *ARTERIOSCLEROSIS, complications/ CEREBRAL HEMORRHAGE, etiology/ CORONARY DISEASE, etiology/ *DEATH, SUDDEN/ FEMALE/ HEMORRHAGE, etiology/ HUMAN/ MALE/ MYOCARDIAL INFARCT, etiology/ SEX FACTORS

1807. **Khomutovskiĭ OA**: Mikroskopicheskie i submikroskopicheskie struktury peredneĭ doli gipofiza pri luchevoĭ bolezni, vyzvannoĭ Sr90.
Med Radiol (Moskva) 12:77-9, Feb 67 **(Rus)**
ANIMAL EXPERIMENTS/ MALE/ *PITUITARY GLAND, pathology/ *PITUITARY GLAND, radiation effects/ *RADIATION INJURY, EXPERIMENTAL, pathology/ RATS/ *STRONTIUM ISOTOPES

1808. **Kieff ED, McCarty DJ Jr**: Hypertrophic osteoarthropathy with arthritis and synovial calcification in a patient with alcoholic cirrhosis.
Arthritis Rheum 12:261-8, Jun 69
*ALCOHOLISM, complications/ *ARTHRITIS, complications/ BLOOD GAS ANALYSIS/ *CALCINOSIS, complications/ CHRONIC DISEASE/ FEMALE/ HUMAN/ KNEE JOINT, pathology/ LEG, radiography/ *LIVER CIRRHOSIS, complications/ MIDDLE AGE/ *OSTEOARTHROPATHY, SECONDARY HYPERTROPHIC, complications/ RESPIRATORY FUNCTION TESTS/ SYNOVIAL MEMBRANE, pathology/ SYNOVIAL MEMBRANE, radiography/ *SYNOVITIS, complications/ TIBIA, radiography/ VITAMIN D, adverse effects

1809. **Kieselstein M, Herman G, Wahrman J, et al**: Mucocutaneous pigmentation and intestinal polyposis (Peutz-Jeghers syndrome) in a family of Iraqi jews with polycystic kidney disease. With a chromosome study. Israel J Med Sci 5:81-90, Jan-Feb 69
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ *CHROMOSOME ABERRATIONS/ ETHNIC GROUPS/ FEMALE/ HUMAN/ KARYOTYPING/ *KIDNEY, POLYCYSTIC, complications/ *KIDNEY, POLYCYSTIC, familial & genetic/ MALE/ PEDIGREE/ *PEUTZ-JEGHERS SYNDROME, complications/ *PEUTZ-JEGHERS SYNDROME, familial & genetic/ PEUTZ-JEGHERS SYNDROME, radiography/ *SEX CHROMOSOME ABNORMALITIES

1810. **Kieta-Fyda A, Szybiński Z, Ciba T, et al**: Wartość butanolonowego wskaźnika konwersji 131 J dla oceny stanu hormonalnego czynności tarczycy.
Pol Tyg Lek 24:351-4, 10 Mar 69 **(Pol)**
ADULT/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, diagnosis/ *HYPOTHYROIDISM, diagnosis/ *IODINE ISOTOPES, DIAGNOSTIC/ MALE/ *THYROID GLAND FUNCTION TESTS

1811. **Kijima T**: ["Itai-itai" disease (osteoporosis and osteomalacia due to industrial cadmium poisoning)]
Jap J Nurs 33:56-60, Mar 69 **(Jap)**
CADMIUM, poisoning/ OCCUPATIONAL DISEASES/ OSTEOMALACIA, chemically

induced/ OSTEOPOROSIS, chemically induced/ SPECIAL LIST NURSING

1812. **Kikuchi T, Nishinaga T, Yoshimura Y:** Syntheses of pachysandrines and epipachysandrine-A from ergosterol. Tetrahedron Lett 21:1679-82, May 69
*ALKALOIDS, chem synthesis/ *PREGNANES, chem synthesis/ *VITAMIN D

1813. **Killander A, Lundmark KM, Sjölin S:** Idiopathic aplastic anaemia in children. Results of androgen treatment. Acta Paediat Scand 58:10-4, Jan 69
ADOLESCENCE/ *ANEMIA, APLASTIC, drug therapy/ ANEMIA, APLASTIC, etiology/ ANEMIA, APLASTIC, mortality/ BLOOD CELL COUNT/ BONE MARROW EXAMINATION/ CHILD/ CHILD, PRESCHOOL/ CHLORAMPHENICOL, adverse effects/ FEMALE/ HEMOGLOBIN/ HUMAN/ MALE/ *PREDNISONE, therapeutic use/ *TESTOSTERONE, therapeutic use/ TIME FACTORS

1814. **Kilman JW, Kronenberg MW, O'Neill JA Jr, et al:** Surgical resection for pulmonary metastases in children. Arch Surg (Chicago) 99:158-65, Aug 69
ADENOCARCINOMA, surgery/ ADOLESCENCE/ BONE NEOPLASMS/ CARCINOMA, EPIDERMOID, surgery/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ FIBROSARCOMA, surgery/ HEPATOMA, surgery/ HUMAN/ INFANT/ LIVER NEOPLASMS/ LUNG NEOPLASMS, mortality/ *LUNG NEOPLASMS, surgery/ MALE/ NEOPLASM METASTASIS, surgery/ NEPHROBLASTOMA, surgery/ NEUROBLASTOMA, surgery/ RHABDOMYOSARCOMA, surgery/ SARCOMA, OSTEOGENIC, surgery/ SPINAL NEOPLASMS/ TESTICULAR NEOPLASMS

1815. **Kim CS, Bennett DR, Roberts TS:** Primary amenorrhea secondary to noncommunicating hydrocephalus. Case report. Neurology (Minneap) 19:533-5, Jun 69
ADULT/ *AMENORRHEA, etiology/ CASE REPORT/ CEREBRAL VENTRICLES/ ELECTROENCEPHALOGRAPHY/ FEMALE/ FISTULA, complications/ HUMAN/ *HYDROCEPHALUS, complications/ HYDROCEPHALUS, radiography/ JUGULAR VEIN/ PITUITARY DISEASES, etiology/ SYRINGOMYELIA, complications

1816. **Kim YS:** The half-life of alanine aminotransferase and of total soluble protein in livers of normal and glucocorticoid-treated rats.
Molec Pharmacol 5:105-8, Mar 69
*ALANINE AMINOTRANSFERASE, metabolism/ ANIMAL EXPERIMENTS/ ARGININE, metabolism/ BLOOD PROTEINS, analysis/ CARBON ISOTOPES/ LEUCINE, metabolism/ *LIVER, enzymology/ MALE/ *PREDNISOLONE, pharmacodynamics/ PROTEINS, analysis/ PROTEINS, metabolism/ RATS/ TIME FACTORS

1817. **Kimmel K:** Przypadek alergicznej postaci aspergillozy płuc. Gruzlica 37:269-73, Mar 69 (Pol)
ADULT/ *ASPERGILLOSIS, drug therapy/ CASE REPORT/ HUMAN/ HYPERSENSITIVITY/ *LUNG DISEASES, FUNGAL, drug therapy/ MALE/ *PREDNISONE, therapeutic use/ SKIN TESTS

1818. **Kimura F:** [Effects of gonadotropin and ovarian hormones upon evoked potentials in the hypothalamus by stimulation of limbic structures]
J Physiol Soc Jap 31:209-23, 1969 (Jap)
ANIMAL EXPERIMENTS/ ELECTRIC STIMULATION/ *ESTROGENS, pharmacodynamics/ *EVOKED POTENTIALS, drug effects/ FEMALE/ *GONADOTROPINS, pharmacodynamics/ *HYPOTHALAMUS, physiology/ *LIMBIC SYSTEM, physiology/ PREGNANCY/ *PROGESTERONE, pharmacodynamics/ RABBITS

1819. **Kimura T:** Effects of hypophysectomy and ACTH administration on the level of adrenal cholesterol side-chain desmolase. Endocrinology 85:492-9, Sep 69
ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, enzymology/ ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ *CHOLESTEROL, metabolism/ *CORTICOTROPIN, pharmacodynamics/ FEMALE/ GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ *HYPOPHYSECTOMY/ ISOCITRATE DEHYDROGENASE, metabolism/ *LYASES, metabolism/ NADP/ ORGAN WEIGHT/ RATS/ STIMULATION, CHEMICAL/ SUCCINATE DEHYDROGENASE, metabolism

1820. **Kimura T, Inoue K, Adachi T, et al:** [Studies on urinary excretion of catecholamines in hyperthyroidism]
Folia Endocr Jap 44:1222-31, 20 Feb 69 (Jap)
ADULT/ BASAL METABOLISM/ *CATECHOLAMINES, urine/ EPINEPHRINE, urine/ FEMALE/ HUMAN/ HYPERTHYROIDISM, drug therapy/ HYPERTHYROIDISM, surgery/ *HYPERTHYROIDISM, urine/ MALE/ MANDELIC ACID, urine/ MIDDLE AGE/ NOREPINEPHRINE, urine/ PROTEIN-BOUND IODINE TEST/ PULSE/ RESERPINE, therapeutic use

1821. **Kirshner AG, Kirshner N:** A specific soluble protein from the catecholamine storage vesicles of bovine adrenal medulla. II. Physical characterization.
Biochim Biophys Acta 181:219-25, May 69
*ADRENAL MEDULLA/ ADRENAL MEDULLA, analysis/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ *CATECHOLAMINES/ CATTLE/ CHEMISTRY/ *CHROMAFFIN SYSTEM/ GUANIDINES/ HYDROGEN-ION CONCENTRATION/ MOLECULAR WEIGHT/ OSMOLAR CONCENTRATION/ OSMOSIS/ *PROTEINS/ PROTEINS, analysis/ SOLUBILITY/ ULTRACENTRIFUGATION

1822. **Kiss L:** Untersuchungsergebnisse mit einem neuen lokalen Antitrichomonadenmittel "Tricho-Kolpicortin". Praxis 58:58-9, 14 Jan 69 (Ger)
*ANTIPROTOZOAL AGENTS, therapeutic use/ ANTITRICHOMONAL AGENTS, therapeutic use/ ETHERS/ FEMALE/ HUMAN/ *HYDROCORTISONE, TOPICAL, therapeutic use/ *TRICHOMONAS INFECTIONS, drug therapy

1823. **Kissileff HR:** Food-associated drinking in the rat.
J Comp Physiol Psychol 67:284-300, Mar 69
ANIMAL EXPERIMENTS/ DRINKING/ *DRINKING BEHAVIOR/ *FEEDING BEHAVIOR/ *HYPOTHALAMUS, physiology/ RATS/ SALIVA, secretion/ *SALIVARY GLANDS, physiology/ SALIVATION/ *THIRST/ TIME FACTORS/ WATER/ WATER-ELECTROLYTE BALANCE

1824. **Kissileff HR, Epstein AN:** Exaggerated prandial drinking in the "recovered lateral" rat without saliva.
J Comp Physiol Psychol 67:301-8, Mar 69
ANIMAL EXPERIMENTS/ APPETITE DISORDERS/ DRINKING/ *DRINKING BEHAVIOR/ FEEDING BEHAVIOR/ *HYPOTHALAMUS, physiology/ RATS/ *SALIVA, secretion/ *SALIVARY GLANDS, physiology/ SALIVATION/ THIRST/ WATER-ELECTROLYTE BALANCE

1825. **Kita R:** Wpływ glikokortykoterapii na zachowanie się kwasu pirogronowego w przebiegu wirusowego zapalenia wątroby (WZW)
Pol Arch Med Wewnet 42:643-7, Apr 69 (Pol)
ADOLESCENCE/ ADULT/ AGED/ *ALANINE AMINOTRANSFERASE, blood/ *ASPARTATE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ FEMALE/ *GLUCOCORTICOIDS, therapeutic use/ *HEPATITIS, INFECTIOUS, drug therapy/ HUMAN/ MALE/ MIDDLE AGE

1826. **Kitamura S:** Three autopsy cases of chronic thyroiditis associated with other diseases.
Acta Path Jap 18:508-11, Nov 68
ADULT/ CHRONIC DISEASE/ FEMALE/ HUMAN/ HYPERTENSION, PULMONARY, complications/ LIVER CIRRHOSIS, complications/ MIDDLE AGE/ MITRAL VALVE INSUFFICIENCY, complications/

MITRAL VALVE STENOSIS, complications/ *THYROIDITIS, complications/ THYROIDITIS, pathology

1827. **Kizer DE, Shirley BC, Jester DD, et al:** The use of chronically administered low doses of ethionine and puromycin to study increases in rat liver adenosine monophosphate deaminase activityused by thioacetamide injections.
Biochem Pharmacol 18:1083-91, May 69
*ACETIC ACIDS, pharmacodynamics/ ADENINE NUCLEOTIDES, metabolism/ ADENOSINE TRIPHOSPHATE, analysis/ *AMIDES, pharmacodynamics/ *AMINOHYDROLASES, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CORTISONE, pharmacodynamics/ ENZYMES, metabolism/ *ETHIONINE, administration & dosage/ FEMALE/ KYNURENINE, analysis/ LEUCINE, metabolism/ LIVER, analysis/ LIVER, enzymology/ LIVER, metabolism/ MALE/ PROTEINS, biosynthesis/ *PUROMYCIN, administration & dosage/ RATS/ TRYPTOPHAN OXYGENASE, metabolism

1828. **Kjaerheim A:** Studies of adrenocortical ultrastructure. 3. Effects of dexamethasone and medroxyprogesterone on interrenal cells of the domestic fowl. Z Zellforsch 91:456-74, 1968
ADRENAL GLAND DISEASES, chemically induced/ *ADRENAL GLAND DISEASES, pathology/ ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, pathology/ ANIMAL EXPERIMENTS/ ATROPHY, chemically induced/ ATROPHY, pathology/ CELL NUCLEUS, drug effects/ *CHICKENS, drug effects/ CYTOPLASMIC GRANULES, drug effects/ *DEXAMETHASONE/ FEMALE/ GOLGI APPARATUS, drug effects/ HISTOLOGICAL TECHNICS/ INJECTIONS, INTRAMUSCULAR/ *MEDROXYPROGESTERONE/ MICROSCOPY, ELECTRON/ MITOCHONDRIA, drug effects/ PERFUSION

1829. **Kjaerheim A:** Studies of adrenocortical ultrastructure. 2. The interrenal cell of the domestic fowl as seen after glutaraldehyde perfusion fixation.
Z Zellforsch 91:429-55, 1968
*ADRENAL GLANDS, cytology/ ANIMAL EXPERIMENTS/ CELL NUCLEUS/ *CHICKENS, anatomy & histology/ CYTOPLASM/ CYTOPLASMIC GRANULES/ ENDOPLASMIC RETICULUM/ FEMALE/ GOLGI APPARATUS/ HISTOLOGICAL TECHNICS/ MICROSCOPY, ELECTRON/ MITOCHONDRIA

1830. **Kjellgren O:** Gynekologisk onkologi.
Lakartidningen 66:1235-41, 19 Mar 69 (Swe)
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ CHILD/ FEMALE/ *GYNECOLOGIC NEOPLASMS/ HUMAN/ MIDDLE AGE/ OVARIAN NEOPLASMS/ SWEDEN/ UTERINE NEOPLASMS

1831. **Klaschka A:** Therapeutische Erfahrungen mit einer konservierungsmittelfreien Dexamethason-Creme.
Z Allgemeinmed 45:570-3, 30 Apr 69 (Ger)
*DERMATITIS, drug therapy/ *DEXAMETHASONE, therapeutic use/ HUMAN/ OCCLUSIVE DRESSINGS/ OINTMENTS

1832. **Klaus D, Bocskor A:** Regulation der Reninsekretion beim Natriummangel.
Med Welt 42:2259-63, 19 Oct 68 (Ger)
*AUTONOMIC NERVOUS SYSTEM, physiology/ *DIURETICS, pharmacodynamics/ HUMAN/ MAGNESIUM, pharmacodynamics/ *RENIN, blood/ SODIUM, pharmacodynamics/ *SODIUM, urine

1833. **Klein D, Bamatter F, Franceschetti A, et al:** Une affection liée au sexe: la gérodermie ostéodysplasique héréditaire (20 ans d'observation)
Rev Otoneuroophtal 40:415-21, Nov 68 (Fre)
ADOLESCENCE/ BONE DISEASES, complications/ *BONE DISEASES, familial & genetic/ CHILD/ FEMALE/ GENES, RECESSIVE/ HUMAN/ MALE/ *SEX CHROMOSOMES/ SKIN DISEASES, complications/ *SKIN DISEASES, familial & genetic/ TIME FACTORS

1834. **Kleinhaus AL, Kao CY:** Electrophysiological actions of oxytocin on the rabbit myometrium.
J Gen Physiol 53:758-80, Jun 69
*ACTION POTENTIALS, drug effects/ ANIMAL EXPERIMENTS/ CALCIUM, pharmacodynamics/ FEMALE/ *MEMBRANE POTENTIALS, drug effects/ *MUSCLE CONTRACTION, drug effects/ MUSCLES, drug effects/ *OXYTOCIN, pharmacodynamics/ POTASSIUM, pharmacodynamics/ PREGNANCY/ RABBITS/ SODIUM, pharmacodynamics/ SUCROSE, pharmacodynamics/ *UTERUS, drug effects

1835. **Kleinsorge H:** Therapie des allergischen Schocks.
Ther Gegenw 107:1571-2, Dec 68 (Ger)
ADRENAL CORTEX HORMONES, therapeutic use/ *ANAPHYLAXIS, drug therapy/ EPINEPHRINE, therapeutic use/ HUMAN/ NOREPINEPHRINE, therapeutic use

1836. **Klevit HD, Root AW:** Adrenal disorders in infancy and childhood. J Amer Med Wom Ass 24:141-5, Feb 69
ADDISON'S DISEASE/ ADRENAL CORTEX HORMONES, therapeutic use/ *ADRENAL GLAND DISEASES/ ADRENAL GLAND HYPOFUNCTION/ ADRENOGENITAL SYNDROME/ CHILD/ CHILD, PRESCHOOL/ CORTISONE, therapeutic use/ FEMALE/ HUMAN/ HYDROCORTISONE, therapeutic use/ INFANT/ INFANT, NEWBORN/ MALE

1837. **Klimek R, Bieniasz A:** Studies on the relation between serum oxytocinase and course of labor.
Amer J Obstet Gynec 104:959-63, 1 Aug 69
DELIVERY/ *ENZYMES, blood/ FEMALE/ FETAL DEATH, enzymology/ FETUS/ HEMORRHAGE, POSTPARTUM, enzymology/ HUMAN/ INFANT, NEWBORN/ *LABOR/ ORGAN WEIGHT/ OXYTOCICS, diagnostic use/ OXYTOCIN/ PLACENTA, anatomy & histology/ TIME FACTORS

1838. **Klimek R, Maiolepszy E:** Evaluation of a rapid enzymatic method for determining placental function. Clin Chim Acta 24:349-52, Jun 69
*AMINOPEPTIDASES, blood/ CYSTINE/ FEMALE/ *FETUS, enzymology/ HUMAN/ METHODS/ OXYTOCIN/ *PLACENTA, enzymology/ PREGNANCY/ TIME FACTORS

1839. **Klingmüller V:** Diagnostische Bedeutung des Ellsworth-Howard-Tests.
Med Welt 35:1882, 31 Aug 68 (Ger)
HUMAN/ METHODS/ *PHOSPHATES, urine/ *PSEUDOHYPOPARATHYROIDISM, urine

1840. **Klopper A, Dennis KJ:** The urinary excretion of oestriol after intra-amniotic injection of oestriol sulphate as a test of placental function.
J Obstet Gynaec Brit Comm 76:534-7, Jun 69
AMNIOTIC FLUID/ ESTRIOL, administration & dosage/ *ESTRIOL, metabolism/ *ESTRIOL, urine/ FEMALE/ FETUS, growth & development/ GESTATIONAL AGE/ HUMAN/ HYPERTENSION/ INJECTIONS/ PARITY/ *PLACENTA, metabolism/ PLACENTA, physiopathology/ PREGNANCY

1841. **Klopper AI, Dennis KJ, Farr V:** Effect of intra-amniotic oestriol sulphate on uterine contractions.
Brit Med J 2:786-9, 28 Jun 69
ADOLESCENCE/ ADULT/ AMNIOTIC FLUID/ ESTRIOL, administration & dosage/ *ESTRIOL, pharmacodynamics/ FEMALE/ FETAL MEMBRANES/ HUMAN/ *LABOR, drug effects/ MUSCLE CONTRACTION, drug effects/ PLACEBOS/ *PREGNANCY/ PRESSURE/ *UTERUS, drug effects

1842. **Klostermann GF, Südhof H, Tischendorf W:** Bilder zur Differentialdiagnose innerer Erkrankungen.
Med Welt 30:1737-8, 29 Jul 67 (Ger)
ADULT/ CASE REPORT/ DIAGNOSIS,

DIFFERENTIAL/ HUMAN/ MALE/ *MYXEDEMA, diagnosis

1843. **Klostermann GF, Südhof H, Tischendorf W:** Bilder zur Differentialdiagnose innerer Erkrankungen.
Med Welt 25:1559-60, 24 Jun 67 (Ger)
ADULT/ *CUSHING'S SYNDROME, diagnosis/ FEMALE/ HUMAN/ MALE

1844. **Klug H:** Zur feinstrukturellen Strahlenreaktion der Nebennierenrindenzellen nach einzeitiger Applikation von Röntgenstrahlen.
Beitr Path Anat 136:229-44, 1967 (Ger)
*ADRENAL GLANDS, radiation effects/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *MICROSCOPY, ELECTRON/ *RADIATION EFFECTS/ RATS

1845. **Knaus HH:** Warum beginnt die Fraunmilch frühestens erst am dritten Tag nach der Geburt zu fliessen?
Med Klin 63:749-50 passim, 10 May 68 (Ger)
ANIMAL EXPERIMENTS/ BREAST, physiology/ CORPUS LUTEUM, physiology/ CORPUS LUTEUM HORMONES, pharmacodynamics/ FEMALE/ HUMAN/ *LACTATION, physiology/ PLACENTA, physiology/ PLACENTAL HORMONES, pharmacodynamics/ PREGNANCY/ RABBITS/ TIME FACTORS

1846. **Knox WE, Herzfeld A, Hudson J:** Phosphoserine phosphatase distribution in normal and neoplastic rat tissues.
Arch Biochem 132:397-403, Jul 69
ADENOCARCINOMA, enzymology/ ANIMAL EXPERIMENTS/ BRAIN, enzymology/ FEMALE/ FETUS, enzymology/ FIBROSARCOMA, enzymology/ HEPATOMA, enzymology/ KIDNEY, enzymology/ KIDNEY, growth & development/ KINETICS/ LACTATION/ LIVER, enzymology/ LIVER, growth & development/ MALE/ MAMMAE, enzymology/ MAMMARY NEOPLASMS, EXPERIMENTAL, enzymology/ MYOCARDIUM, enzymology/ NEOPLASM TRANSPLANTATION/ NEOPLASMS, enzymology/ ORGAN SPECIFICITY/ PHOSPHATASES, analysis/ PHOSPHATASES, antagonists & inhibitors/ *PHOSPHATASES, metabolism/ PREGNANCY/ PROTEINS, biosynthesis/ RATS/ SARCOMA, OSTEOGENIC, enzymology/ *SERINE/ SPLEEN, enzymology/ STEREOISOMERS

1847. **Kobayashi T, Spande TF, Aoyagi H, et al:** Tricyclic analogs of melatonin.
J Med Chem 12:636-8, Jul 69
ANIMAL EXPERIMENTS/ CATS/ FROGS/ HOSTILITY, drug effects/ *INDOLES, chem synthesis/ INDOLES, pharmacodynamics/ *MELATONIN/ MELATONIN, pharmacodynamics/ MICE/ MSH, pharmacodynamics/ SKIN, drug effects

1848. **Kobayashi Y, Maudsley DV:** Practical aspects of liquid scintillation counting.
Meth Biochem Anal 17:55-133, 1969 (173 ref.)
AMINO ACIDS, analysis/ BACTERIA, analysis/ BLOOD CHEMICAL ANALYSIS/ CARBOHYDRATES, analysis/ CARBON DIOXIDE, analysis/ CARBON ISOTOPES/ ELECTRONICS/ EQUIPMENT AND SUPPLIES/ INDICATORS AND REAGENTS/ LIPIDS, analysis/ METHODS/ PROTEINS, analysis/ *RADIOMETRY/ RADIOMETRY, instrumentation/ REVIEW/ SOLVENTS/ STATISTICS/ STEROIDS, analysis/ URINE, analysis/ WATER, analysis

1849. **Kobayashi Y, Maudsley DV:** Practical aspects of liquid scintillation counting.
Meth Biochem Anal 17:55-133, 1969 (173 ref.)
AMINO ACIDS, analysis/ BACTERIA, analysis/ CARBOHYDRATES, analysis/ CARBON DIOXIDE, analysis/ CARBON ISOTOPES/ ELECTRONICS/ EQUIPMENT AND SUPPLIES/ INDICATORS AND REAGENTS/ LIPIDS, analysis/ METHODS/ PROTEINS, analysis/ *RADIOMETRY/ RADIOMETRY, instrumentation/ REVIEW/ SOLVENTS/ STATISTICS/ STEROIDS, analysis/ URINE, analysis/ WATER, analysis

1850. **Köberle F:** Chagas' disease and Chagas' syndromes: the pathology of American trypanosomiasis.
Advances Parasit 6:63-116, 1968 (174 ref.)
AGED/ ATROPHY, complications/ BLADDER, physiopathology/ CHILD, PRESCHOOL/ COLON, physiopathology/ ENDOCRINE GLANDS, physiopathology/ ESOPHAGUS, pathology/ ESOPHAGUS, physiology/ ESOPHAGUS, physiopathology/ EXOCRINE GLANDS, physiopathology/ FEMALE/ GANGLIA, AUTONOMIC, pathology/ GASTROINTESTINAL MOTILITY/ HEART, physiopathology/ HEART ANEURYSM, pathology/ HEART ENLARGEMENT, etiology/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ MALE/ MEGACOLON, etiology/ MIDDLE AGE/ MYOCARDIUM, pathology/ RESPIRATORY SYSTEM, physiopathology/ REVIEW/ *TRYPANOSOMIASIS, SOUTH AMERICAN/ TRYPANOSOMIASIS, SOUTH AMERICAN, complications/ TRYPANOSOMIASIS, SOUTH AMERICAN, etiology/ TRYPANOSOMIASIS, SOUTH AMERICAN, history/ TRYPANOSOMIASIS, SOUTH AMERICAN, pathology

1851. **Kobilková J, Suk K:** Estrindex a estrogenní indexy u ohroženého těhotenství.
Cesk Gynek 34:237-9, Apr 69 (Cze)
*ABORTION, THREATENED/ CERVIX MUCUS, analysis/ ENGLISH ABSTRACT/ *ESTROGENS, analysis/ FEMALE/ HUMAN/ *INDICATORS AND REAGENTS/ METHODS/ PREGNANCY/ PROGNOSIS

1852. **Kobinger W:** Die Wirkung von 2-(2,6-Dichlorphenylamino)-2-imidazolinhydrochlorid (St 155, Catapresan) auf die Harnausscheidung von osmotische freiem Wasser.
Naunyn Schmiedeberg Arch Pharm Exp Path 260:153-4, 1968 (Ger)
ANIMAL EXPERIMENTS/ *ANTIHYPERTENSIVE AGENTS, pharmacodynamics/ *DIURESIS/ DOGS/ FEMALE/ *IMIDAZOLES, pharmacodynamics/ KIDNEY TUBULES, physiology/ OSMOLAR CONCENTRATION/ STIMULATION, CHEMICAL/ VASOPRESSIN, antagonists & inhibitors/ *WATER, urine

1853. **Kochar NK, Bateman AJ:** Post-irradiation changes in Sertoli cells.
J Reprod Fertil 18:265-73, Mar 69
ANIMAL EXPERIMENTS/ MALE/ MEIOSIS/ MICE/ ORGAN WEIGHT/ *RADIATION EFFECTS/ SERTOLI CELLS, cytology/ *SERTOLI CELLS, radiation effects/ SPERMATOZOA, growth & development/ TESTIS, cytology/ THYMIDINE, metabolism/ TRITIUM

1854. **Kochergin VN:** K voprosu o rentgenograficheskom metode opredeleniia stertykh form éndemicheskogo gipotireoza.
Pediatriia 47:39-42, Aug 68 (Rus)
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ FOREARM, radiography/ HAND, radiography/ HUMAN/ *HYPOTHYROIDISM, radiography

1855. **Kocián J:** Jednoduchá metoda stanovení difuzibilního kalcia v krvi.
Cesk Gastroent Vyz 23:192-4, Jun 69 (Cze)
BIOPHYSICS/ *CALCIUM, blood/ CHEMISTRY, PHYSICAL/ DIFFUSION/ FILTERS/ HUMAN/ HYPERCALCEMIA, diagnosis/ MEMBRANES, ARTIFICIAL/ METHODS

1856. **Kocián J:** Kalcium a trávicí ústrojí. I. Vliv kalcia ve fyziologii, patologii a terapii orgánů trávicího ústrojí.
Cesk Gastroent Vyz 23:176-84, Jun 69 (73 ref.) (Cze)
*CALCIUM/ CALCIUM, adverse effects/ CALCIUM, metabolism/ CALCIUM, therapeutic use/ CALCIUM CARBONATE, therapeutic use/ ENGLISH ABSTRACT/ GASTROINTESTINAL DISEASES, diagnosis/ GASTROINTESTINAL DISEASES, therapy/ GASTROINTESTINAL SYSTEM/ HUMAN/ HYPERCALCEMIA/ INTESTINAL ABSORPTION/ REVIEW

1857. **Kodagali SB:** Bilateral ovarian hypoplasia in Gir heifer.

Indian Vet J 46:289-90, Apr 69
*CATTLE DISEASES/ FEMALE/ *OVARIAN DISEASES, veterinary

1858. **Koerner DR**: The reaction of delta-5-androstene-3,17-dione with cupric ion.
Biochim Biophys Acta 176:880-2, 10 Jun 69
ADRENAL GLANDS, enzymology/ *ANDROSTANES/ ANIMAL EXPERIMENTS/ BUFFERS/ CHEMISTRY/ *COPPER/ GUINEA PIGS/ ISOMERASES, analysis/ *17-KETOSTEROIDS/ KINETICS/ SPECTROPHOTOMETRY

1859. **Koestner A, Fioroni P, Wechsler W**: Neurosekretion und Diabetes insipidus.
Verh Deutsch Ges Path 52:458-64, 1968 (Ger)
ANIMAL EXPERIMENTS/ CHICK EMBRYO/ *DIABETES INSIPIDUS, physiopathology/ DOGS/ ENGLISH ABSTRACT/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, secretion/ MICROSCOPY, ELECTRON/ *NEUROSECRETION/ OXYTOCIN, secretion/ *PITUITARY GLAND, POSTERIOR, physiopathology/ PITUITARY NEOPLASMS, physiopathology/ VASOPRESSIN, secretion

1860. **Kofoed JA, Bozzini CE**: The glycosaminoglycans fractions in the skin of athyroid rats.
Acta Physiol Lat Amer 17:323-5, 1967
ANIMAL EXPERIMENTS/ HYALURONIC ACID, analysis/ MALE/ *MUCOPOLYSACCHARIDES, analysis/ RATS/ *SKIN, analysis/ *THYROID GLAND, physiology/ THYROIDECTOMY

1861. **Kofoed JA, Bozzini CE, Tocci AA**: Hydrocortisone and the synthesis of glucosaminoglycans in skin and trachea of rats.
Acta Physiol Lat Amer 18:327-31, 1968
ANIMAL EXPERIMENTS/ CONNECTIVE TISSUE, drug effects/ *HYDROCORTISONE, pharmacodynamics/ MUCOPOLYSACCHARIDES, biosynthesis/ RATS/ *SKIN, drug effects/ *TRACHEA, drug effects

1862. **Kohler H, Wernly M**: Neues über Thyreokalzitonin und Parathormon.
Schweiz Med Wschr 99:740-3, 17 May 69 (20 ref.) (Ger)
ANIMAL EXPERIMENTS/ *CALCIUM, blood/ CHICKENS/ HUMAN/ HYPERCALCEMIA, drug therapy/ HYPERPARATHYROIDISM, blood/ HYPOPARATHYROIDISM, blood/ IMMUNE SERUMS/ OSTEITIS DEFORMANS, drug therapy/ OSTEOPOROSIS, drug therapy/ PARATHYROID HORMONE, blood/ RATS/ REVIEW/ SWINE/ *THYROCALCITONIN, physiology/ THYROCALCITONIN, therapeutic use/ THYROID GLAND, physiology

1863. **Kolanowski J, Pizarro MA**: Détermination du cortisol plasmatique et urinaire par compétition.
Ann Endocr (Paris) 29:473-9, Jul-Aug 68 (Fre)
BLOOD CHEMICAL ANALYSIS/ CARBON ISOTOPES/ CHEMISTRY, CLINICAL/ CLINICAL RESEARCH/ CORTICOTROPIN, diagnostic use/ CREATININE, urine/ HUMAN/ *HYDROCORTISONE, blood/ *HYDROCORTISONE, urine/ 17-KETOSTEROIDS, urine/ METHODS/ PITUITARY-ADRENAL FUNCTION TESTS/ TIME FACTORS/ TRITIUM

1864. **Kolbert GS**: Oral diphenylhydantoin in corneal wound healing in the rabbit.
Amer J Ophthal 66:736-8, Oct 68
ADRENAL CORTEX HORMONES, pharmacodynamics/ ANIMAL EXPERIMENTS/ COLLAGEN, biosynthesis/ *CORNEA, injuries/ DIPHENYLHYDANTOIN, metabolism/ *DIPHENYLHYDANTOIN, pharmacodynamics/ ELASTICITY/ GRANULATION TISSUE, drug effects/ GRANULATION TISSUE, metabolism/ RABBITS/ *WOUND HEALING, drug effects

1865. **Kolesov AP, Davydenko VA, Zheludev SI**: Vnutrigrudnoĭ zob.
Grudn Khir 9:92-8, May-Jun 67 (Rus)
ENGLISH ABSTRACT/ *GOITER, SUBSTERNAL/ HUMAN

1866. **Kolesov DV**: Simpatiko-adrenalovaia sistema i ee znachenie dlia organizma.
Pediatriia 47:52-7, Aug 68 (Rus)
*ADRENAL GLANDS, physiology/ *SYMPATHETIC NERVOUS SYSTEM, physiology

1867. **Koller PC**: Ruolo delle anomalie cromosomiche in patologia.
Recent Progr Med (Roma) 46:246-65, Mar 67 (Ita)
*CHROMOSOME ABNORMALITIES/ CRIMINAL PSYCHOLOGY/ HUMAN/ KLINEFELTER'S SYNDROME/ MENTAL RETARDATION/ MOSAICISM/ NEOPLASMS, familial & genetic/ RADIATION GENETICS/ *SEX CHROMOSOME ABNORMALITIES/ TRISOMY/ TURNER'S SYNDROME

1868. **Kollmannsberger A**: Uber neurologische Komplikationen der Riesenzellarteriitis (sog. Arteriitis temporalis)
Munchen Med Wschr 111:1141-4, 16 May 69 (Ger)
ADRENAL CORTEX HORMONES, therapeutic use/ AGED/ BASILAR ARTERY/ DIAGNOSIS, DIFFERENTIAL/ ELECTROENCEPHALOGRAPHY/ EYE MANIFESTATIONS/ HEMIPLEGIA, etiology/ HUMAN/ MALE/ MIDDLE AGE/ *NEUROLOGIC MANIFESTATIONS/ *TEMPORAL ARTERITIS, complications/ TEMPORAL ARTERITIS, diagnosis/ TEMPORAL ARTERITIS, drug therapy/ TEMPORAL ARTERITIS, mortality/ THROMBOSIS, etiology/ *VISION DISORDERS, etiology

1869. **Kollmannsberger A, Hochheuser W, Schwarz K, et al**: Addison's encephalopathy.
Electroenceph Clin Neurophysiol 26:448, Apr 69
*ADDISON'S DISEASE, diagnosis/ ADDISON'S DISEASE, drug therapy/ ADDISON'S DISEASE, metabolism/ *ELECTROENCEPHALOGRAPHY/ HUMAN/ HYDROCORTISONE, therapeutic use

1870. **Komatsu T**: [Treatment of acute gouty attack with local infiltration of Kenacort-A and the study of gout and hyperuricemia at the Tanabe National Hospital during 1967] Iryo 23:54-61, Jan 69 (Jap)
ADOLESCENCE/ *ADRENAL CORTEX HORMONES, administration & dosage/ ADULT/ AGED/ FEMALE/ *GOUT, drug therapy/ *GOUT, occurrence/ HUMAN/ INJECTIONS/ JAPAN/ MALE/ MIDDLE AGE/ *URIC ACID, blood

1871. **Komesaroff D, Field JE**: Pancuronium bromide: a new non-depolarizing muscle relaxant.
Med J Aust 1:908-11, 3 May 69
*ANDROSTANES, administration & dosage/ ANDROSTANES, antagonists & inhibitors/ *ANDROSTANES, pharmacodynamics/ ATROPINE, pharmacodynamics/ BODY WEIGHT, drug effects/ HISTAMINE LIBERATION/ HUMAN/ HYPERTENSION, chemically induced/ HYPOTHERMIA, INDUCED/ INTUBATION/ *MUSCLE RELAXANTS, administration & dosage/ MUSCLE RELAXANTS, antagonists & inhibitors/ *MUSCLE RELAXANTS, pharmacodynamics/ MUSCLES, drug effects/ NEOSTIGMINE, pharmacodynamics/ NEUROMUSCULAR JUNCTION, drug effects/ PERIPHERAL NERVES, drug effects/ *PIPERIDINES, administration & dosage/ PIPERIDINES, antagonists & inhibitors/ *PIPERIDINES, pharmacodynamics/ STIMULATION, CHEMICAL

1872. **Kondo T, Kono T**: [Aldosterone]
Jap J Clin Med 27:359-62, Feb 69 (Jap)
*ALDOSTERONE, urine/ FEMALE/ HUMAN/ MALE/ METHODS/ PROTEIN BINDING/ SERUM GLOBULIN, analysis/ TRITIUM

1873. **König MP**: Androgentherapie und Antiandrogene.
Schweiz Med Wschr 99:744-7, 17 May 69 (Ger)
*ANDROGENS, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ *BREAST NEOPLASMS, drug therapy/ CHILD/

FEMALE/ HUMAN/ *HYPOGONADISM, drug therapy/ *IMPOTENCE, drug therapy/ MALE/ NEOPLASM METASTASIS, drug therapy/ PROGESTATIONAL HORMONES, pharmacodynamics/ PROGESTATIONAL HORMONES, therapeutic use/ SEX DEVIATION, drug therapy/ TESTOSTERONE, antagonists & inhibitors/ *TESTOSTERONE, therapeutic use

1874. **Kopecký J, Kaupa R, Mifejovský P:** Thymová krční cysta u osmiletého chlapce.
Cesk Pediat 24:426-30, May 69 (Cze)
CHILD/ *CYSTS/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *NECK NEOPLASMS, diagnosis/ THYMUS GLAND, embryology/ *THYMUS NEOPLASMS, diagnosis/ THYMUS NEOPLASMS, etiology/ THYMUS NEOPLASMS, pathology/ THYMUS NEOPLASMS, surgery

1875. **Kopečný J, Sikl O, Kadrnková M:** Anamnéza a klinický průběh potratů na I. ženské klinice za poslední 4 roky.
Cesk Gynek 34:230-3, Apr 69 (Cze)
ABORTION, MISSED/ *ABORTION, THREATENED, diagnosis/ ADOLESCENCE/ ADULT/ AGE FACTORS/ CYTODIAGNOSIS/ ENGLISH ABSTRACT/ ESTRADIOL, diagnostic use/ FEMALE/ HUMAN/ METHODS/ PLACENTA, cytology/ PREGNANCY/ PROGNOSIS/ VAGINAL SMEARS

1876. **Kopp H, Rietbrock G:**
Klippel-Trenaunay-Weber-Syndrom. Diagnosestellung ohne Hilfsmittel.
Med Welt 11:609-12, 15 Mar 69 (Ger)
ADOLESCENCE/ *ANGIOMATOSIS, diagnosis/ ANGIOMATOSIS, therapy/ ARTERIOVENOUS FISTULA/ CONTRACEPTIVES, ORAL, therapeutic use/ DIET THERAPY/ DIURETICS, therapeutic use/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ HEMODYNAMICS/ HUMAN/ PHONOCARDIOGRAPHY/ *PREGNANCY COMPLICATIONS/ WATER-ELECTROLYTE BALANCE

1877. **Kopta JA, Blosser JA:** Elasticity of articular cartilage. Effects of intra-articular steroid administration and medial meniscectomy.
Clin Orthop 64:21-32, May-Jun 69
ANIMAL EXPERIMENTS/ ARTHROPATHY, NEUROGENIC, chemically induced/ BIOMECHANICS/ *CARTILAGE, ARTICULAR/ CARTILAGE, ARTICULAR, drug effects/ CARTILAGE, ARTICULAR, pathology/ *ELASTICITY/ INJECTIONS, INTRA-ARTICULAR/ JOINTS, drug effects/ *KNEE, surgery/ METHYLPREDNISOLONE, administration & dosage/ *METHYLPREDNISOLONE, adverse effects/ METHYLPREDNISOLONE, pharmacodynamics/ MUCOPOLYSACCHARIDES, analysis/ NYSTAGMUS, chemically induced/ PHOTOMICROGRAPHY/ STAINS AND STAINING/ VERTIGO, chemically induced

1878. **Korányi L, Endröczi E, Tamásy V:** Pituitary adrenocorticotrophic hormone (ACTH) induced hypoglycaemia.
Acta Physiol Acad Sci Hung 35:41-6, 1969
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ BLOOD SUGAR, analysis/ *CORTICOTROPIN/ DEXAMETHASONE, pharmacodynamics/ HYDROCORTISONE, pharmacodynamics/ *HYPOGLYCEMIA, chemically induced/ INJECTIONS, INTRAPERITONEAL/ MALE/ RATS/ STRESS

1879. **Korenman SG, Perrin LE, McCallum TP:** A radio-ligand binding assay system for estradiol measurement in human plasma. J Clin Endocr 29:879-83, Jul 69
*BINDING SITES/ BLOOD CHEMICAL ANALYSIS/ CHROMATOGRAPHY/ *ESTRADIOL, blood/ FEMALE/ FSH, secretion/ HUMAN/ LH, secretion/ MENSTRUATION/ METHODS/ PROTEIN BINDING/ *PROTEINS/ RECEPTORS, DRUG/ TRITIUM/ UTERUS, cytology

1880. **Korhonen LK, Laustela E:** Thymolipoma. Report of a case. Scand J Thorac Cardiovasc Surg 2:147-50, 1968
ADULT/ ANGIOCARDIOGRAPHY/ CASE REPORT/ HUMAN/ *LIPOMA/ LIPOMA, pathology/ MALE/ STAINS AND STAINING/ THORACIC RADIOGRAPHY/ *THYMUS NEOPLASMS/ THYMUS NEOPLASMS, pathology

1881. **Koriukin VM, Ryzhenkov VE, Leosko VA, et al:** Primenenie oksibutirata natriia pri nekotorykh khirurgicheskikh vmeshatel'stvakh.
Vestn Khir Grekov 101:78-82, Oct 68 (Rus)
*ANESTHESIA, GENERAL/ BARBITURATES/ BLOOD COAGULATION/ BLOOD SUGAR/ *BUTYRATES/ CARDIOVASCULAR SYSTEM/ HUMAN/ INJECTIONS, INTRAVENOUS/ PITUITARY-ADRENAL SYSTEM/ SURGERY, OPERATIVE

1882. **Korneva EA:** O vliianii lokal'nogo razrusheniia struktur zadnego gipotalamusa na intensivnost' sinteza belkov krovi i organov u krolikov.
Fiziol Zh SSSR Sechenov 55:93-8, Jan 69 (Rus)
*ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *HYPOTHALAMUS, physiology/ *LIVER, metabolism/ *LYMPH NODES, metabolism/ METHIONINE, metabolism/ *PROTEINS, biosynthesis/ RABBITS/ *SERUM ALBUMIN, biosynthesis/ *SERUM GLOBULIN, biosynthesis/ *SPLEEN, metabolism/ SULFUR ISOTOPES

1883. **Korol'kov IuI:** Diagnosticheskaia tsennost' simptoma smeshcheniia shishkovidnoĭ zhelezy pri tiazheloĭ cherepno-mozgovoĭ travme.
Vop Neirokhir 33:50-1, Mar-Apr 69 (Rus)
*BRAIN INJURY, ACUTE, complications/ BRAIN INJURY, ACUTE, radiography/ CEREBRAL HEMORRHAGE, etiology/ *CEREBRAL HEMORRHAGE, radiography/ HUMAN/ MALE/ MIDDLE AGE/ *PINEAL BODY, radiography/ *SKULL FRACTURES, complications/ SKULL FRACTURES, radiography

1884. **Kosaka K, Ota Y:** [Therapy of chronic hepatitis]
Naika 23:302-6, Feb 69 (Jap)
CHRONIC DISEASE/ DIET THERAPY/ FEMALE/ GLUCOCORTICOIDS, therapeutic use/ HEPATITIS, drug therapy/ *HEPATITIS, therapy/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ MIDDLE AGE

1885. **Kositskiĭ GI, Oreshchuk FA, Prytkova LN:** O profilaktike narusheniĭ koronarnogo krovoobrashcheniia.
Kardiologiia 7:58-63, Aug 67 (Rus)
ANIMAL EXPERIMENTS/ ATMOSPHERIC PRESSURE/ AUSTRALIA/ AUTOMOBILES/ BELGIUM/ CANADA/ CATS/ CORONARY DISEASE, etiology/ CORONARY DISEASE, occurrence/ *CORONARY DISEASE, prevention & control/ CORONARY VESSELS, drug effects/ DENMARK/ ELECTROCARDIOGRAPHY/ ENGLAND/ EXERTION/ FEAR/ GERMANY, WEST/ HUMAN/ ITALY/ JAPAN/ METHODS/ NEW ZEALAND/ PITUITARY HORMONES, POSTERIOR, pharmacodynamics/ RATS/ STRESS, PSYCHOLOGIC/ SWEDEN/ SWIMMING/ SWITZERLAND/ UNITED STATES/ VENEZUELA

1886. **Kossowicz H:** Zespół Posnera-Schlossmana.
Klin Oczna 39:99-103, 1969 (Pol)
CORTISONE, therapeutic use/ FEMALE/ *GLAUCOMA, complications/ GLAUCOMA, drug therapy/ HUMAN/ HYDROCORTISONE, TOPICAL, therapeutic use/ *IRIDOCYCLITIS, complications/ IRIDOCYCLITIS, drug therapy/ MIDDLE AGE/ PILOCARPINE, therapeutic use

1887. **(Kostyo JL):** The Ernst Oppenheimer Memorial Award to Dr. Jack L. Kostyo. J Clin Endocr 29:1005-6, Jul 69

AMINO ACIDS, metabolism/ *AWARDS AND PRIZES/ CURRENT BIOG-OBIT/ *ENDOCRINOLOGY, history/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT./ MUSCLE PROTEINS, biosynthesis/ SOMATOTROPIN, pharmacodynamics

1888. **Kotliarov EV, Gilin MM**: Sostoianie shchitovidnoĭ zhelezy i obmena ioda u bol'nykh miasteniei. Med Radiol (Moskva) 12:9-14, Dec 67 (Rus)
ADOLESCENCE/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *IODINE, metabolism/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ MIDDLE AGE/ *MYASTHENIA GRAVIS, metabolism/ *THYROID GLAND, physiopathology/ *THYROID GLAND FUNCTION TESTS

1889. **Koumans RK, Burke JF**: Skin allografts and immunosuppression in the treatment of massive thermal injury. Surgery 66:89-96, Jul 69
ANESTHESIA, INHALATION/ ANIMAL EXPERIMENTS/ ANTILYMPHOCYTE SERUM, therapeutic use/ *AZATHIOPRINE, therapeutic use/ BODY WEIGHT/ *BURNS, therapy/ GUINEA PIGS/ *IMMUNE SERUMS, therapeutic use/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ *LYMPHOCYTES, immunology/ POSTOPERATIVE CARE/ *PREDNISONE, therapeutic use/ RABBITS/ *SKIN, transplantation/ TISSUE PRESERVATION/ TRANSPLANTATION, HOMOLOGOUS

1890. **Kovács K**: Necrosis of anterior pituitary in humans. II. Neuroendocrinology 4:201-41, 1969 (263 ref.)
EMBOLISM, complications/ GOLD ISOTOPES, adverse effects/ HUMAN/ HYPOPITUITARISM, etiology/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, surgery/ INFARCTION/ ISCHEMIA, complications/ NECROSIS/ PITUITARY GLAND, blood supply/ *PITUITARY GLAND, pathology/ PITUITARY GLAND IRRADIATION/ PUERPERAL DISORDERS, etiology/ REVIEW/ SHWARTZMAN PHENOMENON, complications/ THROMBOSIS, complications/ YTTRIUM ISOTOPES, adverse effects

1891. **Kovács K, Blascheck JA, Gardell C**: Amiloride and the "electrolyte-eroid-cardiopathy with necrosis". Light and electron microscopic study of protective effects in rats. Arch Path (Chicago) 88:137-47, Aug 69
*AMIDES, therapeutic use/ *AMIDINES, therapeutic use/ ANIMAL EXPERIMENTS/ CORN/ CORONARY VESSELS, pathology/ FEMALE/ *FLUDROCORTISONE, antagonists & inhibitors/ HEART DISEASES, chemically induced/ HEART DISEASES, pathology/ *HEART DISEASES, prevention & control/ LIPIDS, metabolism/ MICROSCOPY, ELECTRON/ MITOCHONDRIA, MUSCLE, pathology/ *MYOCARDIUM, pathology/ MYOFIBRILS, pathology/ NECROSIS/ *OILS, antagonists & inhibitors/ *PHOSPHATES, antagonists & inhibitors/ *PYRAZINES, therapeutic use/ RATS

1892. **Kovács K, Marosi G, Nagy E, et al**: Die Wirkung von niedermolekularem Dextran (Rheomacrodex) auf die ischämische Schädigung der Niere bzw. Nebenniere bei Ratten. Z Urol 61:603-14, Sep 68 (Ger)
*ADRENAL GLAND DISEASES, drug therapy/ ANIMAL EXPERIMENTS/ *DEXTRAN, therapeutic use/ FEMALE/ ISCHEMIA, complications/ *KIDNEY DISEASES, drug therapy/ NECROSIS, drug therapy/ RATS

1893. **Koval' IuF, Kondrashev VM**: Uskorenie vyvedeniia iz organizma bariia-140. Radiobiologiia 7:385-6, May-Jun 67 (Rus)
ACETIC ACIDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BARIUM, metabolism/ BARIUM SULFATE, pharmacodynamics/ BONE AND BONES, drug effects/ DTPA, pharmacodynamics/ FEMALE/ KIDNEY, drug effects/ LIVER, drug effects/ MALE/ *RADIOISOTOPES, metabolism/ RATS/ SODIUM, pharmacodynamics/ SULFATES, pharmacodynamics

1894. **Koval'chuk ND, Kotliarov EV, Sedov VV, et al**: Rezul'taty éksperinantal'noe-klinicheskogo izucheniia Tc99m-pertekhnetata. Med Radiol (Moskva) 12:21-6, Dec 67 (Rus)
ANIMAL EXPERIMENTS/ DOGS/ ENGLISH ABSTRACT/ HUMAN/ *IODINE ISOTOPES, DIAGNOSTIC/ MICE/ *NEOPLASMS, diagnosis/ RABBITS/ RADIOISOTOPE SCANNING/ RATS/ *TECHNETIUM, diagnostic use/ *TECHNETIUM, metabolism/ *THYROID GLAND FUNCTION TESTS

1895. **Kovalenko LI**: Spektrofotometrychne i fotokolorymetrychne vyznachennia delta 4- ta delta 1,4-kortykosteroïdiv za dopomoholu gidrazydu izonikotynovi kysloty. Farm Zh (Kiev) 23:55-66, 1968 (Ukr)
*ADRENAL CORTEX HORMONES, analysis/ *COLORIMETRY/ DOSAGE FORMS/ *ISONIAZID/ METHODS/ *PHOTOMETRY/ *SPECTROPHOTOMETRY

1896. **Kovalenko LI, Solodova AF, Senov PL**: Fotokolorymetrychne vyznachennia kortyzonu atsetatu za skaladnoefirnoiu hrupoiu. Farm Zh (Kiev) 24:26-9, 1969 (Ukr)
*COLORIMETRY/ *CORTISONE, analysis/ DOSAGE FORMS/ ENGLISH ABSTRACT/ *ETHERS, analysis/ METHODS/ *PHOTOMETRY

1897. **Kowal J**: Adrenal cells in tissue culture. 3. Effect of adrenocorticotropin and 3',5'-cyclic adenosine monophosphate on 11 beta-hydroxylase and other steroidogenic enzymes. Biochemistry (Wash) 8:1821-31, May 69
*ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ *ADRENAL GLAND NEOPLASMS, enzymology/ CALCIUM/ CARBON ISOTOPES/ CITRATES, metabolism/ CLONE CELLS, enzymology/ *CORTICOTROPIN, pharmacodynamics/ *HYDROXYLASES, metabolism/ HYDROXYSTEROID DEHYDROGENASE, metabolism/ MICE/ MITOCHONDRIA, enzymology/ NADP/ *NEOPLASMS, EXPERIMENTAL, enzymology/ PREGNANES, biosynthesis/ PREGNENOLONE, metabolism/ PROGESTERONE, metabolism/ STEROIDS, biosynthesis/ STEROLS, biosynthesis/ STIMULATION, CHEMICAL/ TIME FACTORS/ TISSUE CULTURE/ TRITIUM

1898. **Kowal J**: Adrenal cells in tissue culture. IV. Use of an inhibitor of steroid synthesis for the study of ACTH action. Endocrinology 85:270-9, Aug 69
ACETATES, metabolism/ *ADRENAL CORTEX HORMONES, biosynthesis/ *ADRENAL GLAND NEOPLASMS, metabolism/ AMINOGLUTETHIMIDE, pharmacodynamics/ *ANILINE COMPOUNDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ANTICONVULSANTS, pharmacodynamics/ CARBON ISOTOPES/ CELL-FREE SYSTEM/ CHOLESTEROL, analysis/ CHOLESTEROL, biosynthesis/ CORTICOTROPIN, antagonists & inhibitors/ *CORTICOTROPIN, pharmacodynamics/ DEPRESSION, CHEMICAL/ FEEDBACK/ GLUCOSE, metabolism/ GLYCOLYSIS, drug effects/ HYDROXYLASES, metabolism/ HYDROXYSTEROID DEHYDROGENASE, metabolism/ IN VITRO/ MICE/ PREGNENOLONE, metabolism/ *PYRIDONES, pharmacodynamics/ RATS/ STIMULATION, CHEMICAL/ TISSUE CULTURE/ TRITIUM

1899. **Kowalewski K**: Effect of pre-pubertal gonadectomy and treatment with sex hormones on body growth, weight of organs and skin collagen of hamsters. Acta Endocr (Kobenhavn) 61:48-56, May 69
ANIMAL EXPERIMENTS/ BODY WEIGHT/ *CASTRATION/ *COLLAGEN, metabolism/ *ESTRONE, pharmacodynamics/ FEMALE/ *GROWTH, drug effects/ HAMSTERS/ HEART, anatomy & histology/

HYDROXYPROLINE, analysis/ KIDNEY, anatomy & histology/ LIVER, anatomy & histology/ MALE/ *ORGAN WEIGHT/ PITUITARY GLAND, anatomy & histology/ PROSTATE, anatomy & histology/ PUBERTY/ SEMINAL VESICLES, anatomy & histology/ SKIN, analysis/ *SKIN, metabolism/ STIMULATION, CHEMICAL/ TESTOSTERONE, pharmacodynamics/ THYROID GLAND, anatomy & histology/ UTERUS, anatomy & histology

1900. **Kowalewski K, Yong S:** Dermal collagen response to experimental thermal injury in normal and in steroid hormone-treated rats. Canad J Surg 12:342-50, Jul 69
ANIMAL EXPERIMENTS/ BODY WEIGHT/ *BURNS, metabolism/ BURNS, pathology/ COLLAGEN, antagonists & inhibitors/ COLLAGEN, biosynthesis/ *COLLAGEN, metabolism/ *CORTISONE, pharmacodynamics/ FEMALE/ HYDROXYPROLINE, analysis/ *HYDROXYPROLINE, metabolism/ RATS/ SKIN, analysis/ *SKIN, metabolism/ SODIUM CHLORIDE/ SOLUBILITY/ STANOZOLOL, antagonists & inhibitors/ *STANOZOLOL, pharmacodynamics/ WATER, analysis/ WOUND HEALING, drug effects

1901. **Kowarz-Sokolowska H, Starzycki Z:** Spostrzeżenia kliniczne nad działaniem preparatu Oxycort-S-aerozol.
Przegl Derm 56:235-40, Mar-Apr 69 (Pol)
AEROSOLS/ CLINICAL RESEARCH/ DERMATOLOGIC AGENTS/ *ECZEMA, drug therapy/ HUMAN/ *HYDROCORTISONE, therapeutic use/ *OXYTETRACYCLINE, therapeutic use/ *SKIN DISEASES, INFECTIOUS, drug therapy

1902. **Koyama M:** Histologische und histochemiche Besonderheiten in Milchdrüsenabschnitten.
Yonago Acta Med 13:1-23, Feb 69 (Ger)
ALKALINE PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ BREAST, blood supply/ *BREAST, cytology/ BREAST, enzymology/ BREAST, innervation/ CAPILLARIES, cytology/ ESTRADIOL, pharmacodynamics/ FEMALE/ HISTOCYTOCHEMISTRY/ HUMAN/ MAST CELLS/ MONKEYS/ SEX CHROMATIN

1903. **Koziorowski C:** Aparat do ekstrakcji sterydów z moczu.
Endokr Pol 20:249-51, May-Jun 69 (Pol)
*EQUIPMENT AND SUPPLIES/ *STEROIDS, urine

1904. **Koziorowski C:** Zmiany stężenia białka całkowitego w mleku kobiecym w zależności od kolejności porodu i czasu laktacji. Pediat Pol 44:449-54, Apr 69 (Pol)
FEMALE/ HUMAN/ *LACTATION/ *LACTOGLOBULINS, analysis/ *MILK, HUMAN, analysis/ PARITY/ PREGNANCY

1905. **Koźniewski S:** Badania wpływu iniekcji acetylcholiny na liczbę eozynofilów i poziom 17-hydroksykortykosteronu w krwi obwodowej owiec.
Acta Physiol Pol 20:75-81, Jan-Feb 69 (Pol)
*ACETYLCHOLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *EOSINOPHILS, analysis/ *17-HYDROXYCORTICOSTEROIDS, blood/ INJECTIONS, INTRAVENOUS/ LEUKOCYTE COUNT/ SHEEP

1906. **Kracht J, Hachmeister U, Kruse H, et al:** C-Zellen in der Schilddrüse des Menschen.
Verh Deutsch Ges Path 52:485-90, 1968 (Ger)
CELL TRANSFORMATION, NEOPLASTIC/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ HISTOCYTOCHEMISTRY/ HUMAN/ *HYPERPARATHYROIDISM, pathology/ MALE/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ THYROCALCITONIN, secretion/ *THYROID GLAND, cytology/ THYROID GLAND, pathology/ *THYROID NEOPLASMS, pathology

1907. **Kraicer J, Conrad RG, Bicknese MB:** Abnormally high plasma corticosterone values using the acid fluorescence method. Clin Chim Acta 23:512-3, Mar 69
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CHLOROFORM/ *CORTICOSTERONE, blood/ FLUORESCENCE/ HYDROCARBONS, HALOGENATED/ MALE/ RATS

1908. **Kraicer PF:** Studies on the effect of nidation. 35. Effect of removal of corpora lutea on ovo-implantation and pregnancy in the rat. J Reprod Fertil 18:75-80, Feb 69
ANIMAL EXPERIMENTS/ *CORPUS LUTEUM, physiology/ DECIDUA, physiology/ ESTRUS/ FEMALE/ GONADOTROPINS, secretion/ METHODS/ *NIDATION/ OVULATION/ PREGNANCY/ *PREGNANCY, ANIMAL/ PROGESTERONE, physiology/ PSEUDOPREGNANCY/ RATS/ VAGINA, cytology/ VAGINAL SMEARS

1909. **Kraicer PF:** Secretion of the prenidation estrogen surge by the nonluteal ovarian tissues.
Endocrinology 85:177-8, Jul 69
ANIMAL EXPERIMENTS/ CORPUS LUTEUM, physiology/ ERGOT ALKALOIDS, pharmacodynamics/ *ESTROGENS, secretion/ FEMALE/ NIDATION/ *OVARY, secretion/ PREGNANCY/ *PREGNANCY, ANIMAL/ PROGESTERONE, pharmacodynamics/ RATS

1910. **Kraiem Z, Lunenfeld B, Skalka J:** A method for the estimation of individual urinary corticosteroids, pregnanediol, pregnanetriol and pregnanetriolone following their separation by thin-layer chromatography.
Acta Endocr (Kobenhavn) 61:1-16, May 69
*ADRENAL CORTEX HORMONES, urine/ CHROMATOGRAPHY, THIN LAYER/ COLORIMETRY/ *17-HYDROXYCORTICOSTEROIDS, urine/ METHODS/ *PREGNANEDIOL, urine/ *PREGNANETRIOL, urine

1911. **Kraintz L:** The effect of fluoride ingestion on the response of the rat to parathormone and calcitonin.
Canad J Physiol Pharmacol 47:477-81, May 69
ANIMAL EXPERIMENTS/ CALCIUM, blood/ FASTING/ *FLUORIDES, pharmacodynamics/ HYPERCALCEMIA, etiology/ MALE/ *PARATHYROID HORMONE, pharmacodynamics/ RATS/ *THYROCALCITONIN, pharmacodynamics/ THYROIDECTOMY

1912. **Krajča K, Orolin D:** Hemitetanický syndróm u sclerosis multiplex. Cesk Neurol 32:193-6, Jul 69 (Slo)
ADULT/ BLOOD PROTEIN ELECTROPHORESIS/ CALCIUM, blood/ CASE REPORT/ DIPHENYLHYDANTOIN, therapeutic use/ ELECTROENCEPHALOGRAPHY/ ELECTROMYOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ METHODS/ *MULTIPLE SCLEROSIS, complications/ PARESTHESIA, etiology/ PHOSPHORUS, blood/ *TETANY, complications/ TETANY, drug therapy

1913. **Kramer K, Boylan JW, Keck W:** Regulation of total body sodium in the mammalian organism.
Nephron 6:379-87, 1969
ALBUMINS, pharmacodynamics/ ALDOSTERONE, physiology/ ANIMAL EXPERIMENTS/ DESOXYCORTICOSTERONE, pharmacodynamics/ DOGS/ *EXTRACELLULAR SPACE, physiology/ GLOMERULAR FILTRATION RATE/ *KIDNEY, physiology/ *MAMMALS, physiology/ NATRIURESIS, drug effects/ PERFUSION/ RATS/ SODIUM, metabolism/ *SODIUM, physiology/ WATER-ELECTROLYTE BALANCE

1914. **Krámer M, Balogh P:** Versuche zur Beeinflussung der Serum-Lipidfraktionen bei Diabetikern.
Deutsch Z Verdau Stoffwechselkr 28:345-51, 1968 (Ger)
ANTIDIABETICS, therapeutic use/ *CARBUTAMIDE, therapeutic use/ *CHOLESTEROL, blood/ *DIABETES MELLITUS, blood/ DIABETES MELLITUS, drug therapy/ *DIET/ *FATTY ACIDS, NONESTERIFIED, blood/ *HEPARIN, pharmacodynamics/ HEPARIN, therapeutic use/ HUMAN/ *LIPIDS, blood/

*PHOSPHOLIPIDS, blood/ *TESTOSTERONE, pharmacodynamics/ TESTOSTERONE, therapeutic use/ VITAMIN B 12, therapeutic use/ *VITAMIN B 12, therapeutic use

1915. **Krauer F**: Enzymhistochemische Untersuchungen an den Zottenkapillaren menschlicher Placenten des 3. Schwangerschaftsmonats.
Gynaecologia (Basel) 167:43-55, 1969 **(Ger)**
ADENOSINE TRIPHOSPHATASE, analysis/ *CAPILLARIES, enzymology/ CYTOCHROME OXIDASE, analysis/ *FETUS, enzymology/ GLUCOSEPHOSPHATE DEHYDROGENASE, analysis/ GLUTAMATE DEHYDROGENASE, analysis/ GLYCEROLPHOSPHATE DEHYDROGENASE, analysis/ HISTOCYTOCHEMISTRY/ HUMAN/ ISOCITRATE DEHYDROGENASE, analysis/ LACTATE DEHYDROGENASE, analysis/ LEUCINE AMINOPEPTIDASE, analysis/ MALATE DEHYDROGENASE, analysis/ MONOAMINE OXIDASE, analysis/ NUCLEOTIDASES, analysis/ *OXIDOREDUCTASES, analysis/ PHOSPHATASES, analysis/ *PLACENTA, blood supply/ PLACENTA, enzymology/ PREGNANCY/ SUCCINATE DEHYDROGENASE, analysis

1916. **Krawczak J**: Badania nad odwracalnością wstrząsu u zwierząt po adrenalektomii lub chemicznej sympatektomii. Acta Physiol Pol 20:261-76, 1969 **(Pol)**
*ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CORTISONE, pharmacodynamics/ DOGS/ ENDOTOXINS/ EPINEPHRINE, pharmacodynamics/ FORMALDEHYDE/ HISTAMINE/ RATS/ *SHOCK, ENDOTOXIC/ *SHOCK, TRAUMATIC/ *SYMPATHECTOMY/ TOURNIQUETS

1917. **Kreek MJ, Peterson RE, Sleisenger MH, et al**: Effects of ethinylestradiol-induced cholestasis on bile flow and biliary excretion of estradiol and estradiol glucuronide by the rat.
Proc Soc Exp Biol Med 131:646-50, Jun 69
ANIMAL EXPERIMENTS/ BILE, analysis/ *BILE, secretion/ CARBON ISOTOPES/ *COMMON BILE DUCT, drug effects/ COMMON BILE DUCT, secretion/ ESTRADIOL, metabolism/ *ESTROGENS, metabolism/ *ESTROGENS, pharmacodynamics/ ETHINYL ESTRADIOL, pharmacodynamics/ FEMALE/ GLUCURONATES, metabolism/ INJECTIONS, INTRAVENOUS/ RATS/ TRITIUM

1918. **Kreiger AE, Meyer D, Smith TR, et al**: Metastatic carcinoma to the choroid with choroidal detachment. A case presenting as uveal effusion.
Arch Ophthal (Chicago) 82:209-13, Aug 69
CARCINOMA, complications/ CARCINOMA, drug therapy/ *CARCINOMA, pathology/ CASE REPORT/ CHOROID, pathology/ CHOROID NEOPLASMS, complications/ CHOROID NEOPLASMS, drug therapy/ *CHOROID NEOPLASMS, pathology/ EYE DISEASES, etiology/ EYE DISEASES, pathology/ HUMAN/ LUNG NEOPLASMS/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ PREDNISONE, therapeutic use/ RETINAL DETACHMENT, etiology/ RETINAL DETACHMENT, pathology/ UVEA, pathology

1919. **Krejčí D, Hladík M**: Léčba generalizovaných kostních metastáz rakoviny prsu hypofyzektomií.
Cesk Neurol 32:200-2, Jul 69 **(Cze)**
BONE NEOPLASMS, radiography/ *BONE NEOPLASMS, therapy/ *BREAST NEOPLASMS, therapy/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPOPHYSECTOMY/ LUMBAR VERTEBRAE/ METHODS/ MIDDLE AGE/ *NEOPLASM METASTASIS, therapy/ PARESTHESIA, etiology

1920. **Krill AE**: Some aspects of ocular heredity diseases.
Proc Inst Med Chicago 27:152-3, Nov 68
*EYE DISEASES, familial & genetic/ HUMAN/ MALE/ SEX CHROMOSOMES

1921. **Krims MB**: Observations on children who suffer from dwarfism.
Psychiat Quart 42:430-43, Jul 68
*ADAPTATION, PSYCHOLOGICAL/ CHILD/ DEFENSE MECHANISMS/ DEPRESSION, therapy/ *DWARFISM/ DWARFISM, PITUITARY/ FEMALE/ GRIEF/ HUMAN/ INTERPERSONAL RELATIONS/ MALE/ MORALE/ OCCUPATIONS/ PARENT-CHILD RELATIONS/ *PERSONALITY/ PSYCHOTHERAPY/ SELF CONCEPT/ SIBLING RELATIONS/ SOCIAL DESIRABILITY

1922. **Krisher JA**: The anesthetist surveys the arthritic patient.
Surg Clin N Amer 49:757-61, Aug 69
ADRENAL GLAND HYPOFUNCTION, etiology/ ADRENAL GLANDS, secretion/ ANESTHESIA/ ANESTHESIA, CONDUCTION/ ANESTHESIA, GENERAL/ ANESTHESIA, SPINAL/ ARTHRITIS, RHEUMATOID, drug therapy/ *ARTHRITIS, RHEUMATOID, surgery/ FEMALE/ HAND, surgery/ HUMAN/ HYDROCORTISONE, therapeutic use/ INJECTIONS, INTRAVENOUS, instrumentation/ INTUBATION, INTRATRACHEAL/ LARYNX/ MIDDLE AGE/ RESPIRATORY SYSTEM/ SPONDYLITIS, ANKYLOSING, complications/ TEMPOROMANDIBULAR JOINT

1923. **Kristensen JK**: Pankreatogen hypoglykaemi.
Nord Med 81:361-5, 20 Mar 69 (30 ref.) **(Dan)**
ADENOMA, complications/ ADULT/ AGED/ ANGIOGRAPHY/ BLOOD SUGAR, analysis/ CORTISONE, therapeutic use/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FASTING/ FEMALE/ HUMAN/ HYPERPLASIA/ HYPERTROPHY/ HYPOGLYCEMIA, diagnosis/ HYPOGLYCEMIA, drug therapy/ HYPOGLYCEMIA, etiology/ *HYPOGLYCEMIA, physiopathology/ INJECTIONS, INTRAVENOUS/ ISLET CELL TUMOR, complications/ MALE/ MENTAL DISORDERS, diagnosis/ MIDDLE AGE/ *PANCREAS, physiopathology/ PANCREATECTOMY/ PANCREATIC DISEASES, complications/ PREOPERATIVE CARE/ REVIEW/ TOLBUTAMIDE, diagnostic use

1924. **Kristensen JK**: Pankreatogen hypoglykaemi.
Nord Med 81:361-5, 20 Mar 69 (30 ref.) **(Dan)**
ADENOMA, complications/ ADULT/ AGED/ ANGIOGRAPHY/ BLOOD SUGAR, analysis/ CORTISONE, therapeutic use/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FASTING/ FEMALE/ HUMAN/ HYPERPLASIA/ HYPERTROPHY/ HYPOGLYCEMIA, diagnosis/ HYPOGLYCEMIA, drug therapy/ HYPOGLYCEMIA, etiology/ *HYPOGLYCEMIA, physiopathology/ INJECTIONS, INTRAVENOUS/ ISLET CELL TUMOR, complications/ MALE/ MIDDLE AGE/ *PANCREAS, physiopathology/ PANCREATECTOMY/ PANCREATIC DISEASES, complications/ PREOPERATIVE CARE/ REVIEW/ TOLBUTAMIDE, diagnostic use

1925. **Kronfield DS**: Excessive gluconeogenesis and oxaloacetate depletion in bovine ketosis.
Nutr Rev 27:131-3, May 69 (16 ref.)
ACIDOSIS, etiology/ ACIDOSIS, metabolism/ *ACIDOSIS, veterinary/ ANIMAL EXPERIMENTS/ *CATTLE DISEASES, metabolism/ FEMALE/ *GLUCONEOGENESIS/ LACTATION/ LIVER, metabolism/ *OXALOACETATES, metabolism/ REVIEW

1926. **Krosch H, Kaiser W**: Zum Auftreten von "Nebenwirkungen" nach intravenöser Calciuminjektion.
Ther Gegenw 107:1288 passim, Oct 68 **(Ger)**
CALCIUM, administration & dosage/ *CALCIUM, adverse effects/ HUMAN/ HYPOCALCEMIA, drug therapy/ HYPOPARATHYROIDISM, drug therapy/ INJECTIONS, INTRAVENOUS

1927. **Krotkiewski M, Bielecka J**: Adrenal medulla activity in obese people.
Pol Arch Med Wewnet 42:459-64, 1969

*ADRENAL MEDULLA, metabolism/ ADULT/ BODY WEIGHT/ DIET, REDUCING/ FEMALE/ HUMAN/ *MANDELIC ACID, urine/ MIDDLE AGE/ *OBESITY, urine/ VANILMANDELIC ACID, urine

1928. **Krück F:** Influence of humoral factors on renal tubular sodium handling. Nephron 6:205-16, 1969
ANIMAL EXPERIMENTS/ DIALYSIS/ FEMALE/ HEART FAILURE, CONGESTIVE, urine/ HEMODYNAMICS, drug effects/ *HORMONES, pharmacodynamics/ HORMONES, urine/ HUMAN/ INJECTIONS/ KIDNEY, blood supply/ *KIDNEY TUBULES, drug effects/ MALE/ *NATRIURESIS, drug effects/ POTASSIUM, urine/ RATS/ WATER-ELECTROLYTE BALANCE

1929. **Krueger GA:** Kombination niedriger Phenylbutazon- und Dexamethason-Gaben mit einem hohen Vitamin-B12-Angebot zur Therapie rheumatischer Erkrankungen. Med Welt 17:1030-4, Apr 69 **(Ger)**
ADULT/ AGED/ *DEXAMETHASONE, administration & dosage/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PHENYLBUTAZONE, administration & dosage/ *RHEUMATISM, drug therapy/ *VITAMIN B 12, administration & dosage

1930. **Krulich L, McCann SM:** Effect of GH-releasing factor and GH-inhibiting factor on the release and concentration of GH in pituitaries incubated in vitro. Endocrinology 85:319-24, Aug 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ DEPRESSION, CHEMICAL/ GEL FILTRATION/ IN VITRO/ MALE/ PITUITARY GLAND, drug effects/ *PITUITARY GLAND, metabolism/ *PITUITARY HORMONE RELEASING FACTORS, pharmacodynamics/ RATS/ *SOMATOTROPIN, antagonists & inhibitors/ *SOMATOTROPIN, secretion/ STIMULATION, CHEMICAL/ TIBIA, drug effects

1931. **Krull GH, Muller H, Leijnse B, et al:** Venous-compression test in hyperparathyroidism. Lancet 2:174-7, 26 Jul 69
ACIDOSIS, prevention & control/ ARM, blood supply/ BICARBONATES, therapeutic use/ BLOOD PROTEINS, analysis/ *CALCIUM, blood/ CALCIUM, urine/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYPERCALCEMIA, blood/ HYPERPARATHYROIDISM, blood/ *HYPERPARATHYROIDISM, diagnosis/ HYPERPARATHYROIDISM, drug therapy/ HYPERPARATHYROIDISM, surgery/ PRESSURE/ VEINS

1932. **Krynicki M:** Kwas pirogronowy w krwi operowanych chorych. Pol Przegl Chir 41:116-20, Feb 69 **(Pol)**
*CHOLECYSTECTOMY/ *GASTRECTOMY/ HUMAN/ *PYRUVATES, blood/ *SHOCK, SURGICAL, blood/ *THYROIDECTOMY

1933. **Krzymień H, Michalski J:** Gościec przewlekły postępujący a hormony traczych. Reumatologia (Warsz) 7:31-7, 1969 **(Pol)**
*ARTHRITIS, RHEUMATOID, complications/ HUMAN/ *HYPERTHYROIDISM, complications/ MALE/ *METHYLTHIOURACIL, therapeutic use/ *THYROCALCITONIN, therapeutic use/ THYROIDECTOMY/ THYROXINE, secretion

1934. **Kubicz J:** Szczególny zesp)ół objawów w przebiegu niedoczynności tarczycy. Przegl Derm 56:63-7, Jan-Feb 69 **(Pol)**
ADOLESCENCE/ FEMALE/ HUMAN/ *HYPOTHYROIDISM, complications/ *HYPOTHYROIDISM, pathology/ *MENTAL RETARDATION, complications/ *METABOLIC DISEASES, complications

1935. **Kubík J:** Exophthalmus pulsans. (Souborný přehled) Cesk Oftal 25:177-84, May 69 (48 ref.) **(Cze)**
CAROTID ARTERIES, injuries/ CAROTID ARTERY DISEASES, complications/ *EXOPHTHALMOS/ EXOPHTHALMOS, diagnosis/ EXOPHTHALMOS, etiology/ EXOPHTHALMOS, therapy/ HEAD INJURIES, complications/ HUMAN/ INTRAOCULAR PRESSURE/ PROGNOSIS/ PULSE/ REVIEW/ RUPTURE, SPONTANEOUS, complications

1936. **Kubli F:** Das bedrohte kindliche Leben in utero. Wien Med Wschr 118:1069-74, 14 Dec 68 **(Ger)**
ACID-BASE EQUILIBRIUM/ AMNIOTIC FLUID, analysis/ ANOXIA, diagnosis/ ELECTROCARDIOGRAPHY/ ERYTHROBLASTOSIS, FETAL, diagnosis/ ESTRIOL, urine/ FEMALE/ FETAL DEATH, occurrence/ FETAL DISEASES, blood/ FETAL DISEASES, diagnosis/ *FETAL DISEASES, etiology/ GERMANY, WEST/ HUMAN/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ PREGNANCY IN DIABETES

1937. **Kubota K:** [Study on the renin-angiotensin-aldosterone system. Effects of sodium restriction and postural changes on plasma renin activity and fluctuation in urinary aldosterone] Jap Circ J 33:323-32, Mar 69 **(Jap)**
*ALDOSTERONE, urine/ ANGIOTENSIN, pharmacodynamics/ BLOOD PRESSURE/ CHROMATOGRAPHY, THIN LAYER/ *DIET, SALT-FREE/ HUMAN/ HYDROCHLOROTHIAZIDE, pharmacodynamics/ HYPERALDOSTERONISM, complications/ HYPERALDOSTERONISM, diagnosis/ HYPERALDOSTERONISM, enzymology/ HYPERALDOSTERONISM, urine/ HYPERTENSION, enzymology/ HYPERTENSION, urine/ HYPERTENSION, RENAL, enzymology/ HYPERTENSION, RENAL, urine/ *POSTURE/ *RENIN, blood

1938. **Kubyshkin VF:** Differentsial'no-diagnosticheskoe znachenie izucheniia sokratitel'noĭ funktsii miokarda pri revmokardite (dannye polikardiograficheskogo i dinamokardiograficheskogo issledovaniĭ) Sovet Med 30:40-6, Apr 67 **(Rus)**
ADOLESCENCE/ ADULT/ BLOOD PRESSURE/ CAROTID ARTERIES/ CHRONIC DISEASE/ DIAGNOSIS, DIFFERENTIAL/ ELECTROCARDIOGRAPHY/ FEMALE/ *HEART, physiopathology/ *HEART FUNCTION TESTS/ HUMAN/ HYPERTHYROIDISM, diagnosis/ MALE/ MIDDLE AGE/ NEUROCIRCULATORY ASTHENIA, diagnosis/ PHONOCARDIOGRAPHY/ *RHEUMATIC HEART DISEASE, diagnosis/ RHEUMATIC HEART DISEASE, physiopathology/ TONSILLITIS, diagnosis

1939. **Kučerová L, Smejkal V:** Vliv některých léků na vazbu bilirubinu a bromsulftaleinu na sérové bílkoviny in vitro. Cas Lek Cesk 108:737-8, 8 Jun 69 **(Cze)**
BARBITURATES, pharmacodynamics/ *BILIRUBIN, blood/ BUFFERS/ GEL FILTRATION/ HUMAN/ HYDROCORTISONE, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ JAUNDICE, OBSTRUCTIVE/ METHODS/ PREDNISOLONE, pharmacodynamics/ PROTEIN BINDING, drug effects/ *SERUM ALBUMIN/ *SULFOBROMOPHTHALEIN

1940. **Küchel O, Horký K:** Nové poznatky o patogenezi hypertyreózy. Cas Lek Cesk 108:833-8, Jul 69 (54 ref.) **(Cze)**
ADULT/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, etiology/ INFANT, NEWBORN/ IODINE ISOTOPES, DIAGNOSTIC/ LONG-ACTING THYROID STIMULATOR, secretion/ MALE/ MATERNAL-FETAL EXCHANGE/ PREGNANCY/ REVIEW/ THYROID GLAND, physiology/ THYROID HORMONES/ THYROTROPIN, analysis/ THYROTROPIN, secretion/ THYROTROPIN RELEASING FACTOR

1941. **Kuhlo W, Heintel H, Reichenmiller HE, et al:** Familial investigation of the 4-5 c-sec variation of the basic rhythm. Electroenceph Clin Neurophysiol 26:445, Apr 69
ADOLESCENCE/ ADULT/ BIRTH INJURY, physiopathology/ BRAIN INJURY, ACUTE, physiopathology/ *ELECTROENCEPHALOGRAPHY/ FEMALE/

GENES, RECESSIVE/ *GENETICS, HUMAN/ GENOTYPE/ HUMAN/ MALE/ MIDDLE AGE/ SEX CHROMOSOMES/ TIME FACTORS

1942. **Kulagin VK, Davydov VV, Ermakov AM:** O lechebnom deĭstvii kholinésterazy pri éksperimental'nom travmaticheskom shoke.
Vestn Khir Grekov 102:76-8, Jan 69 **(Rus)**
ADRENAL CORTEX HORMONES, blood/ ANIMAL EXPERIMENTS/ *CHOLINESTERASE, therapeutic use/ DEXTRAN, therapeutic use/ FEMALE/ MALE/ RABBITS/ SHOCK, TRAUMATIC, blood/ *SHOCK, TRAUMATIC, drug therapy

1943. **Kulig Z, Kulig A:** Zespoły nadzynności estrogennej w dwu przypadkach pierwotnych raków jajnika.
Wiad Lek 22:955-7, 15 May 69 **(Pol)**
AGED/ *CARCINOMA, physiopathology/ ENGLISH ABSTRACT/ *ESTROGENS, secretion/ FEMALE/ HORMONES, ECTOPIC, secretion/ HUMAN/ *OVARIAN NEOPLASMS, physiopathology

1944. **Kulinskii VI, Kostiukovskaia LS:** Soderzhanie katekholaminov v organakh zhivotnykh pogibshikh ot ostroĭ luchevoĭ bolezni.
Biull Eksp Biol Med 63:59-60, Apr 67 **(Rus)**
*ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ BRAIN CHEMISTRY/ *CATECHOLAMINES, analysis/ EPINEPHRINE, analysis/ FEMALE/ GUINEA PIGS/ MALE/ MYOCARDIUM, analysis/ NOREPINEPHRINE, analysis/ *RADIATION INJURY, EXPERIMENTAL, metabolism/ SPLEEN, analysis

1945. **Kumagai A:** [Functional control of the endocrine glands] Jap J Clin Med 27:244-7, Feb 69 **(Jap)**
*ENDOCRINE GLANDS, physiology/ FEEDBACK/ HORMONES, secretion

1946. **Kumahara Y, Fukuchi M:** [TSH]
Jap J Clin Med 27:331-6, Feb 69 (39 ref.) **(Jap)**
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ HUMAN/ IMMUNE SERUMS/ IODINE ISOTOPES/ METHODS/ RABBITS/ RADIOIMMUNOASSAY/ REVIEW/ THYROID DISEASES, blood/ *THYROTROPIN, blood/ THYROTROPIN, standards

1947. **Kumahara Y, Miyai K, Okada Y, et al:** [Familial isolated growth hormone deficiency]
Naika 23:580-4, Mar 69 **(Jap)**
ADULT/ *DWARFISM, familial & genetic/ FEMALE/ HUMAN/ MALE/ *SOMATOTROPIN, blood

1948. **Kumpmann U:** Anwendungsmöglichkeiten eines Ovulationshemmers bei gynäkologischen Indikationen in der Allgemeinpraxis.
Med Welt 35:1868-70, 31 Aug 68 **(Ger)**
ADOLESCENCE/ ADULT/ *CONTRACEPTIVES, ORAL, therapeutic use/ FEMALE/ *GYNECOLOGIC DISEASES, drug therapy/ HUMAN/ PREGNANCY

1949. **Kuntzman R:** Drugs and enzyme induction.
Ann Rev Pharmacol 9:21-36, 1969 (109 ref.)
ANIMAL EXPERIMENTS/ BILIRUBIN, metabolism/ BLOOD PROTEINS, metabolism/ CYTOCHROMES, analysis/ DRUG SYNERGISM/ DRUG THERAPY/ DRUGS, toxicity/ ENVIRONMENT/ ENVIRONMENTAL EXPOSURE/ *ENZYME INDUCTION, drug effects/ FEMALE/ LIPIDS, metabolism/ LIVER, enzymology/ MALE/ MELATONIN, metabolism/ MICROSOMES, metabolism/ RABBITS/ RATS/ REVIEW/ STEROIDS, metabolism/ THYROXINE, metabolism

1950. **Kuo JF, De Renzo EC:** A comparison of the effects of lipolytic and antilipolytic agents on adenosine 3',5'-monophosphate levels in adipose cells as determined by prior labeling with adenine-8-14C.
J Biol Chem 244:2252-60, 10 May 69
*ADENINE/ ADENINE NUCLEOTIDES, analysis/ *ADENINE NUCLEOTIDES, metabolism/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, analysis/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ ADIPOSE TISSUE, cytology/ *ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ ANTIBIOTICS, ANTIFUNGAL, pharmacodynamics/ CARBON ISOTOPES/ CHOLESTEROL, pharmacodynamics/ CHROMATOGRAPHY, PAPER/ *CORTICOTROPIN, pharmacodynamics/ DEPRESSION, CHEMICAL/ DRUG SYNERGISM/ EPIDIDYMIS/ FATTY ACIDS, NONESTERIFIED, metabolism/ FLUORIDES, pharmacodynamics/ INSULIN, pharmacodynamics/ LECITHINS, pharmacodynamics/ LIPIDS, metabolism/ MALE/ METHODS/ *NOREPINEPHRINE, pharmacodynamics/ PIMARICIN, pharmacodynamics/ PROSTAGLANDINS, pharmacodynamics/ PUROMYCIN, pharmacodynamics/ RATS/ STIMULATION, CHEMICAL/ THEOPHYLLINE, pharmacodynamics

1951. **Kurahashi H:** [Denaturation of cornea proteins and alteration in antigenicity. 3. Inhibition of antigen-antibody reaction on heterocorneal transplantation treated with urea]
Folia Ophthal Jap 20:313-20, Mar 69 **(Jap)**
ANIMAL EXPERIMENTS/ *ANTIGEN-ANTIBODY REACTIONS, drug effects/ CATTLE/ COMPARATIVE STUDY/ *CORNEA, transplantation/ *DEPRESSION, CHEMICAL/ FIBRINOLYSIS/ RABBITS/ *TRANSPLANTATION, HETEROLOGOUS/ TRIAMCINOLONE, pharmacodynamics/ *UREA, pharmacodynamics

1952. **Kurata Y:** Immunopathological studies on thyroiditis: an attempt to isolate the tissue-specific lipoprotein particle. Acta Path Jap 18:501-3, Nov 68
ANIMAL EXPERIMENTS/ BILE ACIDS AND SALTS/ CATTLE/ GEL FILTRATION/ GUINEA PIGS/ HUMAN/ *LIPOPROTEINS, isolation & purification/ MICROSCOPY, ELECTRON/ RABBITS/ *THYROID GLAND, analysis/ ULTRACENTRIFUGATION

1953. **Kurbatova TI:** Raspoznavanie opukholevykh i neopuukholevykh kletok pri tsitologicheskom issledovanii seroznykh zhidkostei.
Vop Onkol 14:29-36, 1968 **(Rus)**
ASCITIC FLUID, analysis/ BREAST NEOPLASMS, complications/ BREAST NEOPLASMS, diagnosis/ CARDIOVASCULAR DISEASES, complications/ CARDIOVASCULAR DISEASES, diagnosis/ *CYTODIAGNOSIS/ DIAGNOSIS, DIFFERENTIAL/ *EXUDATES AND TRANSUDATES, analysis/ FEMALE/ HUMAN/ LUNG NEOPLASMS, complications/ LUNG NEOPLASMS, diagnosis/ MESOTHELIOMA, complications/ MESOTHELIOMA, diagnosis/ *NEOPLASMS, diagnosis/ OVARIAN NEOPLASMS, complications/ OVARIAN NEOPLASMS, diagnosis/ PLEURAL EFFUSION, etiology/ PLEURISY, diagnosis/ STOMACH NEOPLASMS, complications/ STOMACH NEOPLASMS, diagnosis/ TUBERCULOSIS, PULMONARY, complications/ TUBERCULOSIS, PULMONARY, diagnosis

1954. **Kurcz M, Nagy I, Kiss C, et al:** Estimation of the blood prolactin level. A critical analysis of literary data and of the Sulman--Simkin method of extraction.
Acta Physiol Acad Sci Hung 35:153-66, 1969
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ ELECTROPHORESIS/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, INTRAVENOUS/ INJECTIONS, SUBCUTANEOUS/ METHODS/ PROLACTIN, analysis/ *PROLACTIN, blood/ RATS

1955. **Kurgan J:** Przemiana podstawowa u chorych na raka płuc i wpływ na nią kortykoterapii.
Gruzlica 37:297-302, Apr 69 **(Pol)**
*ADRENAL CORTEX HORMONES, therapeutic use/ *BASAL METABOLISM/ ENGLISH ABSTRACT/ HUMAN/ LUNG NEOPLASMS, drug therapy/ *LUNG NEOPLASMS, metabolism/ PNEUMONIA, metabolism/ TUBERCULOSIS, PULMONARY, metabolism

1956. **Kurokawa M:** Acculturation and childhood accidents among Chinese and Japanese Americans.
Genet Psychol Monogr 79:89-159, Feb 69
*ACCIDENTS/ *ACCULTURATION/ ADOLESCENCE/ AGGRESSION/ ANXIETY/ CHILD/ *CHILD BEHAVIOR/ *CHILD REARING/ *ETHNIC GROUPS/ *FAMILY/ FEMALE/ FRUSTRATION/ HUMAN/ MALE/ SOCIAL ADJUSTMENT/ SOCIOECONOMIC FACTORS/ THYROID GLAND, growth & development/ UNITED STATES

1957. **Kurtay M, Crile G Jr:** Aberrant parathyroid glands in relationship to the thymus.
Amer J Surg 117:705, May 69
HUMAN/ *PARATHYROID GLANDS, abnormalities/ THYMECTOMY/ *THYMUS GLAND

1958. **Kusunoki T, Kataoka S, Tanaka K, et al:** [Change in the activity of glucose-6-phosphate dehydrogenase in the erythrocytes with age and in thyroid disorders]
Clin Endocr (Tokyo) 17:189-93, Mar 69 **(Jap)**
ADOLESCENCE/ ADULT/ AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ CIRCADIAN RHYTHM/ *ERYTHROCYTES, enzymology/ FEMALE/ *GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ SEX FACTORS/ *THYROID DISEASES, enzymology

1959. **Kutscher AH, Zegarelli EV, Ruiz L, et al:** Long-lasting lozenges CU 701-1: dissolution duration time at home in patients with oral mucosal lesions.
Quart Nat Dent Ass 27:76-7, Apr 69
BENZOCAINE/ DELAYED-ACTION PREPARATIONS/ DIBUCAINE/ MOUTH DISEASES, drug therapy/ SOLUBILITY/ SPECIAL LIST DENTAL/ TABLETS/ TRIAMCINOLONE ACETONIDE

1960. **Kuzuya H, Nagatsu T:** A simple assay of dopamine beta-hydroxylase activity in the homogenate of the adrenal medulla. Enzymologia 36:31-8, 31 Jan 69
*ADRENAL MEDULLA, enzymology/ ANIMAL EXPERIMENTS/ CATTLE/ CHROMAFFIN SYSTEM, enzymology/ CHROMATOGRAPHY, ION EXCHANGE/ DOPAMINE, metabolism/ ETHYLMALEIMIDE, pharmacodynamics/ *HYDROXYLASES, metabolism/ IN VITRO/ METHODS/ NORSYNEPHRINE, analysis/ RABBITS/ SPECTROPHOTOMETRY/ TIME FACTORS/ TYRAMINE, metabolism

1961. **Kyle LH:** Glomerular (azotemic) osteodystrophy.
Ann Rev Med 20:259-76, 1969 (72 ref.)
ABSORPTION/ ACIDOSIS, RENAL TUBULAR, complications/ ALKALIES, therapeutic use/ ALUMINUM, therapeutic use/ BIOPSY/ BONE DISEASES, drug therapy/ *BONE DISEASES, etiology/ BONE DISEASES, physiopathology/ BONE DISEASES, surgery/ CALCIUM, metabolism/ CALCIUM, therapeutic use/ DIALYSIS, adverse effects/ HEMODIALYSIS/ HUMAN/ HYDROXIDES, therapeutic use/ HYPERPARATHYROIDISM, complications/ HYPOCALCEMIA, blood/ *KIDNEY FAILURE, CHRONIC, complications/ *KIDNEY GLOMERULUS/ MAGNESIUM, blood/ OSSIFICATION, PATHOLOGIC/ OSTEITIS FIBROSA CYSTICA, diagnosis/ OSTEITIS FIBROSA CYSTICA, physiopathology/ OSTEITIS FIBROSA CYSTICA, radiography/ OSTEOMALACIA, diagnosis/ OSTEOMALACIA, physiopathology/ OSTEOMALACIA, radiography/ OSTEOPOROSIS, physiopathology/ OSTEOPOROSIS, radiography/ OSTEOSCLEROSIS, physiopathology/ OSTEOSCLEROSIS, radiography/ PHOSPHATES, blood/ PYROPHOSPHATES, blood/ REVIEW/ VITAMIN D, therapeutic use

1962. **Kyle LH:** Glomerular (azotemic) osteodystrophy.
Ann Rev Med 20:259-76, 1969 (72 ref.)
ABSORPTION/ ACIDOSIS, RENAL TUBULAR, complications/ ALKALIES, therapeutic use/ ALUMINUM, therapeutic use/ BIOPSY/ BONE DISEASES, drug therapy/ *BONE DISEASES, etiology/ BONE DISEASES, physiopathology/ BONE DISEASES, surgery/ CALCIUM, metabolism/ CALCIUM, therapeutic use/ DIALYSIS, adverse effects/ HEMODIALYSIS/ HUMAN/ HYDROXIDES, therapeutic use/ HYPERPARATHYROIDISM, complications/ HYPOCALCEMIA, blood/ *KIDNEY FAILURE, CHRONIC, complications/ *KIDNEY GLOMERULUS/ MAGNESIUM, blood/ OSSIFICATION, PATHOLOGIC/ OSTEITIS FIBROSA CYSTICA, diagnosis/ OSTEITIS FIBROSA CYSTICA, physiopathology/ OSTEITIS FIBROSA CYSTICA, radiography/ OSTEOMALACIA, diagnosis/ OSTEOMALACIA, physiopathology/ OSTEOMALACIA, radiography/ OSTEOPOROSIS, physiopathology/ OSTEOPOROSIS, radiography/ OSTEOSCLEROSIS, physiopathology/ OSTEOSCLEROSIS, radiography/ PARATHYROID GLANDS, surgery/ PHOSPHATES, blood/ PYROPHOSPHATES, blood/ REVIEW/ VITAMIN D, therapeutic use

1963. **Kyrieleis C:** Granulomatöse Orchitis (Demonstration)
Verh Deutsch Ges Path 52:525-7, 1968 **(Ger)**
DIAGNOSIS, DIFFERENTIAL/ DISGERMINOMA, pathology/ ENGLISH ABSTRACT/ HUMAN/ MALE/ MIDDLE AGE/ *ORCHITIS, pathology/ TESTICULAR NEOPLASMS, pathology/ TESTIS, pathology/ TUBERCULOSIS, MALE GENITAL, pathology

L

1964. **Laakso L, Pulkkinen MO:** Feto-maternal exchange of RHISA and hippuran-I-131.
Ann Chir Gynaec Fenn 57:463-6, 1968
ABORTION, LEGAL/ AMNIOTIC FLUID, analysis/ FEMALE/ *FETUS, metabolism/ FOOT, analysis/ HUMAN/ INJECTIONS, INTRAVENOUS/ *IODOHIPPURIC ACID, metabolism/ LIVER, analysis/ *MATERNAL-FETAL EXCHANGE/ METABOLIC CLEARANCE RATE/ PLACENTA, analysis/ PREGNANCY/ *SERUM ALBUMIN, RADIO-IODINATED, metabolism/ THYROID GLAND, analysis

1965. **Labhsetwar AP:** Pituitary levels of FSH and LH at various intervals after ovariectomy in the rat.
J Reprod Fertil 18:531-3, Apr 69
ANIMAL EXPERIMENTS/ ASCORBIC ACID, metabolism/ BIOLOGICAL ASSAY/ *CASTRATION/ FEMALE/ *FSH, analysis/ GONADOTROPINS, CHORIONIC/ *LH, analysis/ OVARY, metabolism/ *OVARY, surgery/ *PITUITARY GLAND, analysis/ RATS/ TIME FACTORS

1966. **Labhsetwar AP, Enders AC:** Pituitary LH content during delayed and post-implantation periods in the armadillo (Dasypus novemcinctus).
J Reprod Fertil 18:383-9, Apr 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CASTRATION/ CORPUS LUTEUM, anatomy & histology/ EDENTATA/ FEMALE/ GRAAFIAN FOLLICLE/ *LH, analysis/ *NIDATION/ ORGAN WEIGHT/ OVARY, anatomy & histology/ OVARY, cytology/ OVUM/ *PITUITARY GLAND, analysis/ PREGNANCY

1967. **Laborit H:** Avantages de la restauration de la charge granulaire en catécholamines et des groupes SH dans le traitement du choc hémorragique dit "irréversible". Presse Med 77:715-7, 19 Apr 69 **(Fre)**
ANIMAL EXPERIMENTS/ CATECHOLAMINES, metabolism/ CELL MEMBRANE PERMEABILITY/ *CHLORPROMAZINE, therapeutic use/ DOGS/ DOPAMINE, biosynthesis/ ELECTRIC STIMULATION/ ENGLISH ABSTRACT/ *GLUTATHIONE REDUCTASE, therapeutic use/ HIPPOCAMPUS, physiopathology/ HYDROXYTRYPTOPHAN, therapeutic use/ HYPERTENSION/ HYPOTHALAMUS, physiopathology/ MONOAMINE OXIDASE INHIBITORS, pharmacodynamics/ NOREPINEPHRINE, biosynthesis/ PERFUSION/ RETICULAR FORMATION, physiopathology/ *SHOCK, HEMORRHAGIC, drug therapy/ STEREOTAXIC TECHNICS/ STRESS, drug therapy/

*SULFHYDRYL COMPOUNDS/ TYRAMINE, pharmacodynamics/ TYROSINE, pharmacodynamics/ *TYROSINE, therapeutic use

1968. **Ladosky W, Kesikowski WM:** Testicular development in rats treated with several steroids shortly after birth. J Reprod Fertil 19:247-54, Jul 69
ANIMAL EXPERIMENTS/ *ANIMALS, NEWBORN, drug effects/ *ESTRADIOL, pharmacodynamics/ MALE/ *METHANDROSTENOLONE, pharmacodynamics/ ORGAN WEIGHT/ RATS/ SEMINAL VESICLES, growth & development/ SPERMATOZOA, growth & development/ TESTIS, drug effects/ *TESTIS, growth & development/ *TESTOSTERONE, pharmacodynamics

1969. **Ladygin E, Radwańska E, Jędrzejewski M, et al:** Efekty cytohormonalne resekcji klinowej jajników w zespole Steina-Leventhala. Ginek Pol 40:259-68, Mar 69 **(Pol)**
ADULT/ *ESTROGENS, analysis/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ *OVARY, surgery/ *STEIN-LEVENTHAL SYNDROME, surgery/ VAGINAL SMEARS

1970. **Lajtha LG, Garrett JV, Turner L, et al:** Extracorporeal irradiation of the blood in leukaemic patients. Brit J Haemat 16:39-52, Jan-Feb 69
ADULT/ AGED/ ANTIMETABOLITES, therapeutic use/ BLOOD CELL COUNT/ BONE MARROW CELLS/ FEMALE/ HUMAN/ LEUKEMIA, drug therapy/ *LEUKEMIA, radiotherapy/ LEUKOCYTE COUNT/ LYMPH NODES, pathology/ MALE/ MIDDLE AGE/ SPLEEN, pathology/ STEROIDS, therapeutic use/ STRONTIUM ISOTOPES/ VASCULAR SURGERY

1971. **Lamb JF:** Effect of Na,K and adrenaline on the Ca efflux from frog's ventricle.
J Physiol (London) 202:85P-87P, Jun 69
ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ ELECTRIC STIMULATION/ *EPINEPHRINE, pharmacodynamics/ FROGS/ HEART, drug effects/ HEART VENTRICLE, metabolism/ *MYOCARDIUM, metabolism/ *POTASSIUM, pharmacodynamics/ *SODIUM, pharmacodynamics/ TIME FACTORS

1972. **Lambertz J, Caldera R, Rossier A:** Evolution lointaine d'une insuffisance surrénale, dite régressive, du nouveau-né. Arch Franc Pediat 26:79-85, Jan 69 **(Fre)**
ADRENAL CORTEX HORMONES, therapeutic use/ *ADRENAL GLAND HYPOFUNCTION, complications/ ADRENAL GLAND HYPOFUNCTION, drug therapy/ ALDOSTERONE, urine/ BODY HEIGHT/ BODY WEIGHT/ CHILD/ CHILD, PRESCHOOL/ CONVULSIONS, etiology/ *DEHYDRATION, etiology/ FEMALE/ FLUOROMETRY/ HUMAN/ HYDROCORTISONE, blood/ 17-HYDROXYCORTICOSTEROIDS, urine/ HYPERKALEMIA, etiology/ INFANT/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ 17-KETOSTEROIDS, urine/ MALE/ MELANIN/ *PIGMENTATION DISORDERS, etiology/ SODIUM CHLORIDE, urine/ TIME FACTORS

1973. **al-Lami F:** Light and electron microscopy of the adrenal medulla of Macaca mulata monkey.
Anat Rec 164:317-32, Jul 69
*ADRENAL GLANDS, cytology/ ANIMAL EXPERIMENTS/ CYTOPLASM/ FEMALE/ GOLGI APPARATUS/ MALE/ MICROSCOPY, ELECTRON/ MONKEYS

1974. **Lammel E, Golenhofen K, Schaumlöffel E:** Ca plus 2-Influx an der isolierten Taenia coli des Meerschweinchens bei 13 Grad C, in Ruhe und bei elektrischer Reizung.
Pflueger Arch 307:R85-6, 1969 **(Ger)**
ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ *COLON, physiology/ ELECTRIC STIMULATION/ GUINEA PIGS/ IN VITRO/ *MUSCLE, SMOOTH, metabolism/ TEMPERATURE

1975. **Lamond DR:** Ovulation block with stilboestrol in the cow. J Reprod Fertil 18:359-61, Mar 69
ANIMAL EXPERIMENTS/ CATTLE/ DIETHYLSTILBESTROL, administration & dosage/ *DIETHYLSTILBESTROL, pharmacodynamics/ ESTRUS/ FEMALE/ *OVULATION, drug effects/ PROGESTERONE, pharmacodynamics/ TIME FACTORS

1976. **Lane JM, Miller EJ:** Isolation and characterization of the peptides derived from the alpha 2 chain of chick bone collagen after cyanogen bromide cleavage. Biochemistry (Wash) 8:2134-9, May 69
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ *BONE AND BONES/ BROMINE/ CHEMISTRY/ CHICKENS/ CHROMATOGRAPHY, ION EXCHANGE/ *COLLAGEN/ COLLAGEN, analysis/ CYANIDES/ GEL FILTRATION/ MOLECULAR WEIGHT/ *PEPTIDES/ PEPTIDES, analysis/ PEPTIDES, isolation & purification

1977. **Lang EK:** Acute hydrocephalus secondary to occlusion of the aqueduct by a bullet.
J Louisiana Med Soc 121:167-8, May 69
ADRENAL GLANDS, metabolism/ ADULT/ *BRAIN INJURY, ACUTE, complications/ *CEREBRAL VENTRICLES, injuries/ HUMAN/ *HYDROCEPHALUS, etiology/ MALE/ *WOUNDS, GUNSHOT, complications

1978. **Lang SB:** Elastic coefficients of animal bone.
Science 165:287-8, 18 Jul 69
ANIMAL EXPERIMENTS/ *BONE AND BONES/ CATTLE/ CRYSTALLOGRAPHY/ *ELASTICITY/ *FEMUR/ ULTRASONICS

1979. **Lange MJ:** Thyrotoxicosis.
Brit J Clin Pract 23:241-3, Jun 69
ADULT/ AGED/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, drug therapy/ *HYPERTHYROIDISM, surgery/ MALE/ PREGNANCY/ THYROID ANTAGONISTS, therapeutic use

1980. **Langlois Y, Husson HP, Potier P:** Aziridines: nouvelle methode de preparation.
Tetrahedron Lett 25:2085-8, May 69 **(Fre)**
ANTINEOPLASTIC AGENTS/ *AZIRINES, chem synthesis/ METHODS/ *STEROIDS, chem synthesis

1981. **Lantis SH:** Acneform eruptions.
J Amer Med Wom Ass 24:305-9, Apr 69
*ACNE, diagnosis/ ADRENAL CORTEX HORMONES, adverse effects/ ANTICONVULSANTS, adverse effects/ BROMINE, adverse effects/ CHLORINE, adverse effects/ *DERMATITIS MEDICAMENTOSA, diagnosis/ HUMAN/ IODINE, adverse effects/ ISONIAZID, adverse effects/ OILS, adverse effects/ TARS, adverse effects

1982. **Lapiński Z:** Wpływ kwasu adenozynotrójfosforowego na czynność stymulowanego środkami naskurczowymi mięśnia macicy szczura.
Ginek Pol 40:353-62, 1969 **(Pol)**
*ACETYLCHOLINE, pharmacodynamics/ *ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ELECTRODES/ ELECTROPHYSIOLOGY/ ENGLISH ABSTRACT/ FEMALE/ MUSCLE CONTRACTION, drug effects/ *OXYTOCIN, pharmacodynamics/ RATS/ *UTERUS, drug effects

1983. **Lapushinskiĭ DP:** Gemorenal'nye pokazateli u bol'nykh epidemicheskim gepatitom pri lechenii prednizolonom. Ter Arkh 39:23-7, Aug 67 **(Rus)**
ADOLESCENCE/ ADULT/ FEMALE/ HEPATITIS, INFECTIOUS, drug therapy/ *HEPATITIS, INFECTIOUS, physiopathology/ HUMAN/ *KIDNEY, physiopathology/ MALE/ MIDDLE AGE/ *PREDNISOLONE, therapeutic use

1984. **Larionov LF, Sof'ina ZP, Lagova ND, et al:** Eksperimental'noe izuchenie protivoopukholevogo deĭstviia slozhnykh éfirov p-di(2-khloretil)

aminofeniluksusnoĭ kisloty s éstrogenami.
Vop Onkol 14:61-4, 1968 (Rus)
ANIMAL EXPERIMENTS/ ESTROGENS, adverse effects/ *ESTROGENS, therapeutic use/ LEUKOCYTES, drug effects/ *MAMMARY NEOPLASMS, EXPERIMENTAL, drug therapy/ MICE/ RATS/ SARCOMA 37, drug therapy/ *SARCOMA, EXPERIMENTAL, drug therapy

1985. **Laroche G**: Charles Richet (1882-1967)
Ann Endocr (Paris) 29:397-8, Jul-Aug 68 (Fre)
CURRENT BIOG-OBIT/ ENDOCRINOLOGY, history/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT.

1986. **Laroche G**: Au nom de la Commission de Thérapeutique. Au suje du traitement des obésités par une association amphétamine-corps thyroïde.
Bull Acad Nat Med (Paris) 153:34-6, 1969 (Fre)
*AMPHETAMINE, therapeutic use/ *DRUG AND NARCOTIC CONTROL/ FRANCE/ HUMAN/ *OBESITY, drug therapy/ *THYROID HORMONES, therapeutic use

1987. **Lassers BW, Nimmo IA**: Plasma lactate and interstitial calcium.
New Eng J Med 281:221-2, 24 Jul 69
*ANXIETY, metabolism/ *CALCIUM, metabolism/ EXTRACELLULAR SPACE, metabolism/ HUMAN/ *LACTATES, blood

1988. **Lassmann G**: Neurohistologische Veränderungen bei hormonellen Erkrankungen.
Fortschr Neurol Psychiat 36:377-411, Jul 68 (Ger)
*ACROMEGALY/ *ADDISON'S DISEASE/ ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ BROWN FAT, metabolism/ *CUSHING'S SYNDROME/ *DIABETES MELLITUS, complications/ DIABETIC NEUROPATHIES/ FEMALE/ *GOUT/ HIBERNATION/ HISTOCYTOCHEMISTRY/ HUMAN/ *HYPERTHYROIDISM/ *HYPOPITUITARISM/ MIDDLE AGE/ *MYXEDEMA/ *NEOPLASMS, NERVOUS TISSUE/ *NEUROLOGIC MANIFESTATIONS/ *TETANY

1989. **László FA, Durszt F, Kovács K**: Die Bewertbarkeit einer einfachen Wasserbelastungsmethode bei verschiedenen endokrinen Krankheitsbildern.
Med Welt 19:1239-44, 11 May 68 (Ger)
ADDISON'S DISEASE, diagnosis/ ADRENAL GLAND HYPOFUNCTION, diagnosis/ ANOREXIA NERVOSA, diagnosis/ DIURESIS/ *ENDOCRINE DISEASES, diagnosis/ FROEHLICH'S SYNDROME, diagnosis/ HUMAN/ HYPERTHYROIDISM, diagnosis/ HYPOPITUITARISM, diagnosis/ *WATER, diagnostic use

1990. **Latalski M**: Badania histochemiczne nabłonka jajowodu pozostającego pod wpływem estrogenów.
Endokr Pol 20:231-7, May-Jun 69 (Pol)
ANIMAL EXPERIMENTS/ *BENZOATES, pharmacodynamics/ *EPITHELIUM, analysis/ *ESTRADIOL, pharmacodynamics/ *FALLOPIAN TUBES, analysis/ FEMALE/ *HISTOCYTOCHEMISTRY/ MUCOPOLYSACCHARIDES, analysis/ RATS/ RNA, analysis/ SULFHYDRYL COMPOUNDS, analysis

1991. **Laumen F**: Untersuchungen der Serumcortisolspiegel und der Gesamtcorticoid-Ausscheidung im Harn nach Inhalation von Dexamethason-21-isonicotinat bei Tuberkulösen und Schwangeren.
Beitr Klin Erforsch Tuberk 138:56-67, 1968 (Ger)
*ADRENAL CORTEX HORMONES, urine/ AEROSOLS/ CONTRACEPTIVES, ORAL/ *DEXAMETHASONE, blood/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYDROCORTISONE, blood/ ISONICOTINIC ACID/ 17-KETOSTEROIDS, urine/ PLACEBOS/ PREGNANCY/ PREGNANCY COMPLICATIONS, INFECTIOUS, drug therapy/ *TUBERCULOSIS, PULMONARY, drug therapy

1992. **Laurila S, Nieminen U**: A case of full-term ectopic pregnancy with living child.
Ann Chir Gynaec Fenn 57:623-6, 1968
ENDOMETRIOSIS, pathology/ FEMALE/ FINLAND/ GESTATIONAL AGE/ HUMAN/ MALE/ MYOMA, pathology/ OVARIAN CYSTS, pathology/ PREGNANCY/ *PREGNANCY, ABDOMINAL/ UTERINE NEOPLASMS, pathology

1993. **Lauritzen C, Shackleton CH, Mitchell FL**: The effect of exogenous human chorionic gonadotrophin on steroid excretion in the newborn.
Acta Endocr (Kobenhavn) 61:83-8, May 69
CHEMISTRY, CLINICAL/ CHROMATOGRAPHY, GAS/ CRYPTORCHISM, drug therapy/ *DEHYDROEPIANDROSTERONE, urine/ *GONADOTROPINS, CHORIONIC, pharmacodynamics/ GONADOTROPINS, CHORIONIC, therapeutic use/ HUMAN/ INFANT, NEWBORN/ *17-KETOSTEROIDS, urine/ MALE/ *PREGNANES, urine/ *PREGNENOLONE, urine/ STIMULATION, CHEMICAL

1994. **Lavenda N, Mahmoud IY, Leith JD Jr**: Microbial-cellular interrelationships in the mouse oestrous cycle.
J Reprod Fertil 18:171-2, Feb 69
ANIMAL EXPERIMENTS/ *ESTRUS/ FEMALE/ LEUKOCYTES/ MICE/ MICROSCOPY, ELECTRON/ NEUTROPHILS/ PHAGOCYTOSIS/ *VAGINA, cytology/ *VAGINA, microbiology

1995. **Lavrič MV**: Galactorrhea and amenorrhea with polycystic ovaries. Del Castillo syndrome or polycystic ovarian syndrome.
Amer J Obstet Gynec 104:814-7, 15 Jul 69
ADULT/ *AMENORRHEA, complications/ AMENORRHEA, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ ENDOCRINE GLANDS, secretion/ ESTROGENS, urine/ FEMALE/ GONADOTROPINS, urine/ HUMAN/ 17-KETOSTEROIDS, urine/ *LACTATION DISORDERS, complications/ LACTATION DISORDERS, diagnosis/ OBESITY, complications/ *STEIN-LEVENTHAL SYNDROME, complications/ STEIN-LEVENTHAL SYNDROME, diagnosis/ STEIN-LEVENTHAL SYNDROME, etiology/ STEIN-LEVENTHAL SYNDROME, pathology

1996. **Lawrence AM**: Immunoassays in the diagnoses of endocrine disorders.
Surg Clin N Amer 49:3-10, Feb 69 (29 ref.)
ACROMEGALY, diagnosis/ CUSHING'S SYNDROME, diagnosis/ *ENDOCRINE DISEASES, diagnosis/ GLUCAGON, secretion/ *HORMONES, analysis/ HUMAN/ HYPERALDOSTERONISM, diagnosis/ HYPERPARATHYROIDISM, diagnosis/ INSULIN, secretion/ ISLET CELL TUMOR, diagnosis/ PANCREATIC NEOPLASMS, diagnosis/ PEPTIDES, analysis/ *RADIOIMMUNOASSAY/ REVIEW/ ZOLLINGER-ELLISON SYNDROME, diagnosis

1997. **Lawrence AM**: Glucagon.
Ann Rev Med 20:207-22, 1969 (149 ref.)
ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ CATECHOLAMINES, secretion/ DOGS/ GASTRIC JUICE, secretion/ *GLUCAGON/ GLUCAGON, physiology/ GLUCAGON, secretion/ GLUCAGON, therapeutic use/ GLUCOSE, metabolism/ HUMAN/ HYPERGLYCEMIA, physiopathology/ PANCREAS, secretion/ PANCREATIC JUICE, secretion/ PARATHYROID GLANDS, physiology/ RABBITS/ RADIOIMMUNOASSAY/ RATS/ REVIEW

1998. **Lawson DD**: Keratitis.
Vet Rec 84:603-6, 14 Jun 69
ANTIBIOTICS, therapeutic use/ CORNEA, blood supply/ CORNEAL OPACITY, etiology/ CORNEAL ULCER, drug therapy/ *DOG DISEASES/ DOGS/ KERATITIS, drug therapy/ KERATITIS, pathology/ KERATITIS, surgery/ *KERATITIS, veterinary/ PIGMENTATION/ STEROIDS, therapeutic use/ SULFONAMIDES, therapeutic use

1999. **Lazaris YA, Serebrovskaya IA, Cherepanova AG**: Study of reaction of pulmonary vascular bed to some

vasoactive agents using serial contrast roentgenovasography. Cor Vasa 11:21-8, 1969
ACETYLCHOLINE, pharmacodynamics/ ANGIOGRAPHY/ ANIMAL EXPERIMENTS/ EPINEPHRINE, pharmacodynamics/ *HEART, drug effects/ HISTAMINE, pharmacodynamics/ IODOPYRACET, diagnostic use/ PITUITARY HORMONES, POSTERIOR, pharmacodynamics/ *PULMONARY ARTERY, drug effects/ PULMONARY ARTERY, radiography/ *PULMONARY CIRCULATION, drug effects/ *PULMONARY VEINS, drug effects/ PULMONARY VEINS, radiography/ RABBITS/ SEROTONIN, pharmacodynamics/ SILVER NITRATE, pharmacodynamics/ TIME FACTORS/ VASCULAR RESISTANCE, drug effects/ *VASOCONSTRICTOR AGENTS, pharmacodynamics/ *VASODILATOR AGENTS, pharmacodynamics/ VASOMOTOR SYSTEM, drug effects

2000. **Lazarus L, Young JD**: Radioimmunoassay of luteinising hormone in human serum.
Aust J Exp Biol Med Sci 46:791-4, Dec 68
BIOLOGICAL ASSAY/ FEMALE/ GONADOTROPINS, CHORIONIC/ HUMAN/ IODINE ISOTOPES/ *LH, blood/ MENOPAUSE/ PREGNANCY/ RADIOIMMUNOASSAY

2001. **Lea DJ, Zanelli JM**: A study of the heterogeneity of parathyroid hormone preparations.
J Endocr 44:195-202, Jun 69
ANIMAL EXPERIMENTS/ ANTIGENS/ CATTLE/ ELECTROPHORESIS/ GEL FILTRATION/ HYDROCHLORIC ACID/ MERCAPTOETHANOL/ METHODS/ *PARATHYROID GLANDS, analysis/ *PARATHYROID HORMONE, analysis/ PHENOLS/ *TISSUE EXTRACTS, analysis/ UREA

2002. **Leake CD**: Review of reviews.
Ann Rev Pharmacol 9:521-30, 1969 (102 ref.)
ABSORPTION/ ANTI-INFLAMMATORY AGENTS/ CENTRAL NERVOUS SYSTEM, drug effects/ DRUG THERAPY/ DRUGS, metabolism/ ENZYMES/ HEART, drug effects/ HISTAMINE/ HORMONES/ METALS/ OXYGEN, toxicity/ *PHARMACOLOGY/ REFERENCE BOOKS/ REVIEW

2003. **Leal JB, Carracho JL**: Quelques considérations sur des traitements stomatologiques pendant la grossesse.
Rev Stomat (Paris) 69:703-8, Dec 68 **(Fre)**
ABORTION/ CESAREAN SECTION/ FEMALE/ FETAL DEATH/ *GINGIVITIS, etiology/ HEMORRHAGE, POSTPARTUM/ HUMAN/ HYDATIDIFORM MOLE/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ *ROOT CANAL THERAPY/ *TOOTH EXTRACTION

2004. **Leavitt WW, Carlson IH**: Progesterone, 20 alpha-hydroxy-delta 4-pregnen-3-one, androstenedione and corticosterone content of portal vein and vena caval blood in rats bearing ovarian grafts to the spleen. J Reprod Fertil 18:172, Feb 69
ANIMAL EXPERIMENTS/ *CORTICOSTERONE, blood/ FEMALE/ *17-KETOSTEROIDS, blood/ LIVER, metabolism/ *OVARY, transplantation/ PORTAL VEIN/ *PREGNANES, blood/ *PROGESTERONE, blood/ RATS/ SPLEEN/ *STEROLS, blood/ TRANSPLANTATION, AUTOLOGOUS/ VENAE CAVAE

2005. **Leavitt WW, Friend JP, Robinson JA**: Estradiol: specific binding by pituitary nuclear fraction in vitro.
Science 165:496-8, 1 Aug 69
ANIMAL EXPERIMENTS/ *BINDING SITES/ CASTRATION/ CORTICOSTERONE, metabolism/ *ESTRADIOL, metabolism/ FEMALE/ IN VITRO/ *NUCLEOPROTEINS/ *PITUITARY GLAND, metabolism/ PROGESTERONE, metabolism/ PROTEIN BINDING/ RATS/ TESTOSTERONE, metabolism/ TRITIUM/ UTERUS, metabolism

2006. **Lebedev AA, Malachevskaia AS**: Gomeostaticheskie funktsii pochek pri krovopotere i vazomotornom kollapse.
Fiziol Zh SSSR Sechenov 54:1115-22, Sep 68 **(Rus)**
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ AMYL NITRITE/ ANIMAL EXPERIMENTS/ DENERVATION/ DOGS/ ENGLISH ABSTRACT/ GLYCERYL TRINITRATE, pharmacodynamics/ HEMODYNAMICS/ *HEMORRHAGE/ HOMEOSTASIS/ INULIN, urine/ KIDNEY, innervation/ *KIDNEY, physiology/ KIDNEY, transplantation/ *SHOCK/ *VASOMOTOR SYSTEM, physiology

2007. **Le Blanc J**: Adaptation au froid en quelques heures.
J Physiol (Paris) 59:Suppl:253, 1967 **(Fre)**
*ADAPTATION, PHYSIOLOGICAL/ *ADRENAL CORTEX HORMONES/ ANIMAL EXPERIMENTS/ *COLD/ RATS

2008. **Lebloys G, Gay R**: Intérêt du méthoxyflurane en chirurgie osseuse. A propos de 157 observations.
Anesth Analg (Paris) 25:561-78, Nov-Dec 68 **(Fre)**
ACID-BASE EQUILIBRIUM, drug effects/ ACIDOSIS, chemically induced/ ANALGESICS AND ANTIPYRETICS, administration & dosage/ ANESTHESIA, GENERAL, adverse effects/ *ANESTHESIA, GENERAL, standards/ DIAZEPAM, administration & dosage/ GALLAMINE TRIETHIODIDE, administration & dosage/ HUMAN/ HYDROXYDIONE, administration & dosage/ HYPERCAPNIA, chemically induced/ *METHOXYFLURANE/ METHOXYFLURANE, adverse effects/ *ORTHOPEDICS/ PHENOBARBITAL, administration & dosage/ POSTOPERATIVE COMPLICATIONS/ *PREANESTHETIC MEDICATION/ PREOPERATIVE CARE/ PROMETHAZINE, administration & dosage

2009. **Lecca U, Belvederi GD**: Contributo allo studio degli effetti dei contraccettivi sull'apparato genitale.
Riv Ital Ginec 51:766-78, Nov 67 **(Ita)**
ADULT/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ *ENDOMETRIUM, drug effects/ FALLOPIAN TUBES, drug effects/ FEMALE/ HUMAN/ OVARY, drug effects/ *OVULATION, drug effects/ PREGNANCY/ *PREGNANCY, TUBAL

2010. **Lee DJ, Barnes MM**: The effects of vitamin E deficiency on the total fatty acids and the phospholipid fatty acids of rat tissues. Brit J Nutr 23:289-95, Jun 69
ANIMAL EXPERIMENTS/ BRAIN CHEMISTRY/ CHROMATOGRAPHY, GAS/ *FATTY ACIDS, analysis/ INTESTINES, analysis/ KIDNEY, analysis/ LUNG, analysis/ MUSCLES, analysis/ MYOCARDIUM, analysis/ PANCREAS, analysis/ *PHOSPHOLIPIDS, analysis/ RATS/ SPLEEN, analysis/ TESTIS, analysis/ *VITAMIN E DEFICIENCY, metabolism

2011. **Lee KH, Spencer MR**: Studies on mechanism of action of salicylates. V. Effect of salicylic acid on enzymes involved in mucopolysaccharides synthesis.
J Pharm Sci 58:464-8, Apr 69
ALCOHOL OXIDOREDUCTASES, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ *ASPIRIN, pharmacodynamics/ GLUCURONATES, metabolism/ GUINEA PIGS/ HYDROCORTISONE, pharmacodynamics/ IN VITRO/ LYSOSOMES, drug effects/ *MUCOPOLYSACCHARIDES, biosynthesis/ NAD, metabolism/ RABBITS/ RATS/ *SALICYLIC ACID, pharmacodynamics/ TRANSFERASES, antagonists & inhibitors/ URACIL NUCLEOTIDES, metabolism/ WOUND HEALING, drug effects

2012. **Lee YP, Hsu HH**: Studies on the effect of thyroid hormones on cytochrome-linked L-alpha-glycerophosphate dehydrogenase of the mouse. Endocrinology 85:251-8, Aug 69
ALCOHOL OXIDOREDUCTASES, metabolism/ ANIMAL EXPERIMENTS/ BRAIN, enzymology/ CHOLINE/ CYTOCHROMES/ *GLYCEROLPHOSPHATE DEHYDROGENASE, metabolism/ HEXOSEPHOSPHATES, metabolism/ IODINE ISOTOPES/ KIDNEY, cytology/ *KIDNEY, enzymology/ LIVER,

metabolism/ LUNG, enzymology/ MALE/ MICE/ *MITOCHONDRIA, enzymology/ *MITOCHONDRIA, LIVER, enzymology/ OXYGEN CONSUMPTION/ SPLEEN, enzymology/ STIMULATION, CHEMICAL/ SUCCINATE DEHYDROGENASE, metabolism/ *TRIIODOTHYRONINE, pharmacodynamics

2013. **Leenen FH, Jong W de:** Augmentation of the pressor response to octapressin by autonomic blocking agents in the pithed rat. Europ J Pharmacol 6:45-8, Apr 69
ANIMAL EXPERIMENTS/ ATROPINE, pharmacodynamics/ *BLOOD PRESSURE, drug effects/ CAROTID ARTERIES, drug effects/ CHLORPROMAZINE, pharmacodynamics/ CHORDOTOMY/ HEART RATE, drug effects/ HEXAMETHONIUM COMPOUNDS, pharmacodynamics/ MALE/ PHELYPRESSIN, pharmacodynamics/ PHENOXYBENZAMINE, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ RATS/ *SYMPATHOLYTICS, pharmacodynamics/ *VASOPRESSIN, pharmacodynamics

2014. **Lefresne P, Jacquemin-Sablon A:** Interaction entre un stéroïde diamine, l'Irehdiamine A, et des homopolyribonucléotides de synthèse.
C R Acad Sci [D] (Paris) 268:2368-71, 12 May 69 **(Fre)**
CHEMISTRY/ *POLYNUCLEOTIDES/ SPECTROPHOTOMETRY/ *STEROIDS

2015. **Legler F:** Serologische Befunde bei der primär-chronischen Polyarthritis.
Deutsch Med Wschr 94:1373-5, 27 Jun 69 **(Ger)**
AGGLUTINATION TESTS/ ANTIMALARIALS, therapeutic use/ *ARTHRITIS, RHEUMATOID, blood/ CORTICOTROPIN, therapeutic use/ GOLD, therapeutic use/ HUMAN/ LATEX FIXATION TESTS/ PYRAZOLES, therapeutic use/ RHEUMATOID FACTOR, analysis

2016. **Legré J, Clément JP, Amairic R, et al:** Exploration radiologique et radiothérapie des tumeurs thymiques.
Ann Radiol (Paris) 12:11-30, 1969 **(Fre)**
ADOLESCENCE/ ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ THYMOMA, radiography/ *THYMOMA, radiotherapy/ THYMUS NEOPLASMS, radiography/ *THYMUS NEOPLASMS, radiotherapy

2017. **Lehmann FM:** Kritische Betrachtungen zur Krebsbehandlung.
Ther Gegenw 107:1173-4 passim, Sep 68 (49 ref.) **(Ger)**
*ACUTE DISEASE/ *ANTINEOPLASTIC AGENTS, therapeutic use/ *CHRONIC DISEASE/ FEMALE/ *HORMONES, therapeutic use/ HUMAN/ *NEOPLASMS, radiotherapy/ *NEOPLASMS, surgery/ *NEOPLASMS, therapy/ REVIEW

2018. **Lehmann WD, Schütz M:** Oestronstoffwechsel in der Mikrosomen-Fraktion der Leber von menschlichen Feten und von einem erwachsenen Mann.
Arch Gynaek 207:539-49, 1969 **(Ger)**
ADULT/ CARBON ISOTOPES/ CHROMATOGRAPHY, PAPER/ ENGLISH ABSTRACT/ ESTRADIOL, analysis/ ESTRIOL, analysis/ *ESTRONE, metabolism/ *FETUS, metabolism/ GESTATIONAL AGE/ HUMAN/ *LIVER, cytology/ MALE/ METHODS/ *MICROSOMES, metabolism/ TIME FACTORS

2019. **Leibowitz SF, Miller NE:** Unexpected adrenergic effects of chlorpromazine: eating elicited by injection into rat hypothalamus. Science 165:609-11, 8 Aug 69
ANIMAL EXPERIMENTS/ BRAIN CHEMISTRY, drug effects/ *CHLORPROMAZINE, pharmacodynamics/ EATING/ *FEEDING BEHAVIOR, drug effects/ *HYPOTHALAMUS, drug effects/ INJECTIONS/ NOREPINEPHRINE, pharmacodynamics/ RATS/ *SYMPATHOMIMETICS, pharmacodynamics

2020. **Leiderman B, Mancini RE:** Glycogen content in the rat testis from postnatal to adult ages.
Endocrinology 85:607-9, Sep 69
AGE FACTORS/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ GERM CELLS, analysis/ GLYCOGEN, analysis/ *GLYCOGEN, metabolism/ HISTOCYTOCHEMISTRY/ MALE/ ORGAN WEIGHT/ PERIODIC ACIDS/ RATS/ SERTOLI CELLS, analysis/ TESTIS, analysis/ TESTIS, growth & development/ *TESTIS, metabolism

2021. **Leigh B:** Radiation-induced loss of ring-X chromosomes in the germ cells of Drosophila melanogaster males.
Mutat Res 8:101-9, Jul-Aug 69
ANIMAL EXPERIMENTS/ CHROMOSOME ABERRATIONS, radiation effects/ CROSSING OVER (GENETICS), radiation effects/ FEMALE/ MALE/ MEIOSIS/ *RADIATION GENETICS/ *SEX CHROMOSOMES, radiation effects/ *SEX RATIO, radiation effects/ *SPERMATOZOA, radiation effects

2022. **Leist KH, Bergerhoff K, Pehlemann FW, et al:** Histophysiologische Untersuchungen der Entwicklung des Interrenalorgans beim Krallenfrosch (Xenopus laevis Daudin)
Z Zellforsch 93:105-25, 1969 **(Ger)**
ADRENAL CORTEX HORMONES, pharmacodynamics/ ADRENAL GLANDS, cytology/ ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, growth & development/ ANIMAL EXPERIMENTS/ *CELL DIFFERENTIATION/ *FROGS, embryology/ HISTOCYTOCHEMISTRY/ HYPOPHYSECTOMY

2023. **Leĭtes FL, Baeva EA, Semashko MI:** Primenenie poliarizatsionno-mikroskopicheskogo metoda dlia éksperimental'noĭ otsenki srevnitel'noĭ reaktogennosti nekotorykh vaktsin.
Zh Mikrobiol 44:137-8, Mar 67 **(Rus)**
*ADRENAL GLANDS, pathology/ ANIMAL EXPERIMENTS/ MICE/ MICROSCOPY, POLARIZATION/ STRESS, chemically induced/ *STRESS, diagnosis/ STRESS, pathology/ *VACCINATION, adverse effects/ *VACCINES, adverse effects

2024. **Lejeune G, Maquinay C, Merchie G, et al:** A propos de 2 cas d'adénomes parathyroïdiens.
Acta Urol Belg 35:493-501, Jul 67 **(Fre)**
*ADENOMA/ ADENOMA, complications/ ADULT/ FEMALE/ HUMAN/ HYPERPARATHYROIDISM, complications/ KIDNEY CALCULI, etiology/ *PARATHYROID NEOPLASMS/ PARATHYROID NEOPLASMS, complications

2025. **Lemaitre G, L'Herminé C, Decoulx M, et al:** Les lésions coliques par abus par abus de laxatifs. Etude anatomo-radiologique de deux observations.
Presse Med 77:393-4, 1 Mar 69 **(Fre)**
ADULT/ AMENORRHEA, etiology/ *CATHARTICS, adverse effects/ COLECTOMY/ *COLITIS, chemically induced/ COLITIS, radiography/ COLITIS, ULCERATIVE, diagnosis/ *COLON, drug effects/ COLONIC DISEASES, pathology/ COLONIC DISEASES, FUNCTIONAL, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ *DRUG ABUSE/ DRUG ADDICTION/ ENDOCRINE DISEASES, diagnosis/ ENGLISH ABSTRACT/ ENTERITIS, REGIONAL, diagnosis/ HUMAN/ WATER-ELECTROLYTE BALANCE

2026. **Lemesch C, Litvak J, Medina E:** Prevalencia de bocio en escolares primarios del área hospitalaria norte de Santiago 1966-1967.
Rev Med Chile 97:159-64, Feb 69 **(Spa)**
ADOLESCENCE/ AGE FACTORS/ CHILD/ CHILE/ FEMALE/ *GOITER, occurrence/ HUMAN/ MALE/ RETROSPECTIVE STUDIES/ SEX FACTORS/ STUDENTS

2027. **Le Moal M, Cardo B:** Effets de la stimulation du noyau hypothalamique ventro-médian sur les comportements alimentaires spontanés et acquis chez le rat. J Physiol (Paris) 59:Suppl:258-9, 1967 **(Fre)**
ANIMAL EXPERIMENTS/ *DECOMPRESSION SICKNESS/ *FEEDING BEHAVIOR/ *HYPOTHALAMUS, innervation/ RATS/ REFLEX, CONDITIONED

2028. **Lemon M, Poole WE:** Specific proteins in the whey from milk of the grey kangaroo.

Aust J Exp Biol Med Sci 47:283-5, Apr 69
ANIMAL EXPERIMENTS/ ELECTROPHORESIS/ ESTRUS/ FEMALE/ GELS/ LACTATION/ *MARSUPIALIA/ *MILK, analysis/ OVULATION/ *PROTEINS, analysis/ STARCH

2029. **Lenoch F, Dostál C, Vonková A:** Nebenwirkungen der Kortisontherapie auf Grund der Erfahrung an 264 Fällen. Wien Med Wschr 118:1099-102, 21 Dec 68 **(Ger)**
ADOLESCENCE/ ADULT/ AGED/ ARTHRITIS, RHEUMATOID, drug therapy/ BONE RESORPTION, chemically induced/ CHILD/ CHILD, PRESCHOOL/ *CORTISONE, adverse effects/ CORTISONE, therapeutic use/ FEMALE/ GROWTH, drug effects/ HUMAN/ HYPERTENSION, chemically induced/ INFANT/ MALE/ MIDDLE AGE/ OBESITY, chemically induced/ OSTEOPOROSIS, chemically induced/ RHEUMATIC FEVER, drug therapy

2030. **Lenzi G:** Disgenesia gonadica 45-XO a prevalente espressione monolaterale.
Arch De Vecchi Anat Pat 50:311-23, Nov 67 **(Ita)**
ADULT/ *CHROMOSOME ABNORMALITIES/ FEMALE/ HUMAN/ HYSTEROSALPINGOGRAPHY/ KARYOTYPING/ MENSTRUATION DISORDERS, etiology/ *OVARY, abnormalities/ OVARY, pathology/ PHENOTYPE/ *SEX CHROMATIN/ *UTERUS, abnormalities

2031. **Lenzi S, Bernardi P, Abate G, et al:** Funzione glicoattiva del surrene in corso di infarto miocardico. II. Ritmo nictemerale del cortisolo plasmatico, urinario e dei 17-ohcs urinari. Endocr Sci Cost 30:231-51, Apr 69 **(Ita)**
*ADRENAL GLANDS, physiopathology/ ADULT/ AGED/ *CIRCADIAN RHYTHM/ HUMAN/ *HYDROCORTISONE, metabolism/ *17-HYDROXYCORTICOSTEROIDS, urine/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT/ PITUITARY-ADRENAL FUNCTION TESTS

2032. **Leonard JR:** Clinical applications of laryngographic techniques.
Arch Otolaryng (Chicago) 90:216-24, Aug 69
AIR/ ANESTHESIA, LOCAL/ CONTRAST MEDIA/ FISTULA, radiography/ GLOTTIS/ HUMAN/ *LARYNGEAL NEOPLASMS, radiography/ LARYNGOSCOPY/ *LARYNX, radiography/ METHODS/ THYROID NEOPLASMS, radiography

2033. **Leonieni J:** Badania nad zastosowaniem metody Bocka z użyciem gallocjaniny chromowej do wykazania wydzieliny narządu podspoidłowego ssaków.
Acta Physiol Pol 20:335-44, 1969 **(Pol)**
ANIMAL EXPERIMENTS/ BRAIN CHEMISTRY/ CELL NUCLEOLUS/ *CORPUS CALLOSUM, secretion/ DYES/ METHODS/ NEUROSECRETION/ *PITUITARY GLAND, secretion/ RATS/ RIBONUCLEASE/ *RNA, secretion

2034. **Lepkovsky S, Dimick MK:** The hypothalamus and pancreas in intestinal function.
Ann NY Acad Sci 157:1062-8, 15 May 69 (13 ref.)
ADRENAL GLANDS, physiology/ ANIMAL EXPERIMENTS/ APPETITE/ AUTONOMIC NERVOUS SYSTEM, physiology/ CATS/ CHICKENS/ GASTROINTESTINAL MOTILITY/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ *HYPOTHALAMUS, physiology/ *INTESTINES, physiology/ *PANCREAS, physiology/ RATS/ REVIEW

2035. **Leprat J, Valcke JC:** L'hypothyroidie de l'adulte. I. Clinique. Presse Med 77:119-21, 22 Jan 69 **(Fre)**
ACHILLES TENDON/ ADULT/ ANEMIA, etiology/ ARTERIOSCLEROSIS, complications/ ASTHENIA, etiology/ COMA, etiology/ CORONARY DISEASE, complications/ EDEMA, etiology/ ELECTROENCEPHALOGRAPHY/ FSH, metabolism/ GASTROINTESTINAL DISEASES, etiology/ HUMAN/ HYPERTROPHY/ HYPOTHERMIA, etiology/ HYPOTHYROIDISM, complications/ *HYPOTHYROIDISM, diagnosis/ MENORRHAGIA, etiology/ MUSCLE CRAMP, etiology/ MYOTONIA, complications/ MYXEDEMA, complications/ PITUITARY-ADRENAL FUNCTION TESTS/ PSYCHOSES, etiology/ SKIN MANIFESTATIONS/ STEROIDS, urine/ THYROTROPIN, metabolism

2036. **Lequin RM, Hackeng WH, Schopman W:** Radioimmunoassay of parthyroid hormone in human plasma. J Endocr 43:xiv, Jan 69
ANIMAL EXPERIMENTS/ CATTLE/ GUINEA PIGS/ HUMAN/ HYPERPARATHYROIDISM, blood/ *PARATHYROID HORMONE, blood/ RABBITS/ RADIOIMMUNOASSAY

2037. **Lequin RM, Hackeng WH, Schopman W:** A radioimmunoassay for porcine calcitonin.
J Endocr 44:283-4, Jun 69
ANIMAL EXPERIMENTS/ HUMAN/ IODINE ISOTOPES/ RABBITS/ RADIOIMMUNOASSAY/ SWINE/ *THYROCALCITONIN, analysis/ THYROID GLAND, analysis

2038. **Lerner AB:** On the cause of acanthosis nigricans.
New Eng J Med 281:106-7, 10 Jul 69
*ACANTHOSIS NIGRICANS, etiology/ ACROMEGALY, complications/ ADRENAL GLAND HYPOFUNCTION, complications/ CUSHING'S SYNDROME, complications/ HORMONES, ECTOPIC, secretion/ HUMAN/ NEOPLASMS, complications/ OBESITY, complications/ PEPTIDES, secretion

2039. **Leśnik H, Guzek JW:** Wydzielanie ACTH a zawartość wazopresyny w podwzgórzu u świnek morskich.
Endokr Pol 20:187-97, May-Jun 69 **(Pol)**
*ADRENAL GLANDS, secretion/ AMPHETAMINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ASCORBIC ACID, analysis/ *CORTICOTROPIN, secretion/ ENGLISH ABSTRACT/ GUINEA PIGS/ *HYPOTHALAMUS, analysis/ MALE/ RESERPINE, pharmacodynamics/ *VASOPRESSIN, analysis

2040. **L'Esperance FA Jr:** The retina and optic nerve.
Arch Ophthal (Chicago) 82:112-36, Jul 69 (133 ref.)
ANIMAL EXPERIMENTS/ CRYOTHERAPY/ DIABETIC RETINOPATHY, physiopathology/ DIABETIC RETINOPATHY, surgery/ EYE MANIFESTATIONS/ FLUOROSCOPY/ FUNDUS OCULI/ HUMAN/ INFECTION, therapy/ INFLAMMATION/ *OPTIC NERVE/ PHOTOGRAPHY/ PITUITARY GLAND, surgery/ *RETINA/ RETINA, analysis/ RETINA, anatomy & histology/ RETINA, physiology/ RETINAL DEGENERATION/ RETINAL DETACHMENT, pathology/ RETINAL DETACHMENT, therapy/ RETINAL VESSELS, physiopathology/ REVIEW/ VASCULAR DISEASES

2041. **Leusden HA van, Siemerink M:** Formation of 17alpha-hydroxy-pregnenolone, 17alpha-hydroxy-progesterone and progesterone by hydatidiform moles in vitro.
Acta Endocr (Kobenhavn) 61:68-75, May 69
CHROMATOGRAPHY, THIN LAYER/ ESTRADIOL, biosynthesis/ ESTRIOL, biosynthesis/ ESTRONE, biosynthesis/ FEMALE/ HUMAN/ *HYDATIDIFORM MOLE, metabolism/ HYDROXYPREGNENOLONE, biosynthesis/ HYDROXYPREGNENOLONE, isolation & purification/ *HYDROXYPROGESTERONE, biosynthesis/ IN VITRO/ PREGNANCY/ PREGNANEDIOL, urine/ *PREGNANES, biosynthesis/ PREGNANETRIOL, urine/ *PREGNENOLONE, metabolism/ *PROGESTERONE, biosynthesis/ TRITIUM

2042. **Lévèque B, Debauchez C, Deflandre L, et al:** Le chlorambucil dans le traitement du syndrome néphrotique idiopathique sans lésion glomérulaire, chez l'enfant. A propos de 30 observations.
Ann Pediat (Paris) 16:13-23, 2 Jan 69 **(Fre)**
ADOLESCENCE/ ANEMIA, chemically induced/ BIOPSY/ CHILD/ CHILD, PRESCHOOL/ *CHLORAMBUCIL, administration & dosage/

CHLORAMBUCIL, adverse effects/ FEMALE/ GLUCOCORTICOIDS, administration & dosage/ HUMAN/ KIDNEY GLOMERULUS, pathology/ LEUKOPENIA, chemically induced/ MALE/ NEPHROTIC SYNDROME, diagnosis/ *NEPHROTIC SYNDROME, drug therapy/ OSTEOPOROSIS, diagnosis/ PREDNISONE, administration & dosage/ PROTEINURIA, prevention & control/ THROMBOPENIA, chemically induced/ VASCULAR DISEASES, chemically induced

2043. **Levi L: Sympatho-adrenomedullary activity, diuresis, and emotional reactions during visual sexual stimulation in human females and males.**
Psychosom Med 31:251-68, May-Jun 69
*ADRENAL GLANDS, physiology/ ADULT/ ANXIETY/ *AROUSAL/ CREATININE, urine/ *DIURESIS/ *EMOTIONS/ EPINEPHRINE, urine/ FEMALE/ HUMAN/ KIDNEY, physiology/ MALE/ MOTION PICTURES/ NOREPINEPHRINE, urine/ PSYCHOPHYSIOLOGY/ SENSATION/ *SEX/ SEX FACTORS/ SPECIFIC GRAVITY/ *SYMPATHETIC NERVOUS SYSTEM, physiology/ VISUAL PERCEPTION

2044. **Levin RM, Chodosh R, Sherman JD: Factitious purpura simulating autoerythrocyte sensitization.**
Ann Intern Med 70:1201-6, Jun 69
ADOLESCENCE/ *AUTOIMMUNE DISEASES, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ DNA/ ECCHYMOSIS, diagnosis/ ERYTHROCYTES, immunology/ FEMALE/ HEMOGLOBIN/ HUMAN/ PREDNISONE, therapeutic use/ *PURPURA, diagnosis/ SKIN, pathology/ SKIN TESTS

2045. **Levin SS, Touchstone JC, Murawec T: An improved solvent system for thin-layer chromatography of adrenal steroids.** J Chromatogr 42:129-30, 3 Jun 69
ADRENAL CORTEX HORMONES, analysis/ ANDROGENS, analysis/ CHOLESTEROL, analysis/ CHROMATOGRAPHY, THIN LAYER/ PROGESTATIONAL HORMONES, analysis/ *SOLVENTS/ *STEROIDS, analysis

2046. **Levin W, Alvares A, Jacobson M, et al: Effect of storage of frozen liver microsomal preparations on the hydroxylation of testosterone and pentobarbital and the N-demethylation of ethylmorphine.**
Biochem Pharmacol 18:883-9, Apr 69
ANIMAL EXPERIMENTS/ CYTOCHROMES, pharmacodynamics/ FREEZE DRYING/ HYDROXYLASES, pharmacodynamics/ *LIVER, enzymology/ MALE/ *MICROSOMES, enzymology/ *MORPHINE, metabolism/ *PENTOBARBITAL, metabolism/ RATS/ SUSPENSIONS/ TABLETS/ *TESTOSTERONE, metabolism/ TIME FACTORS

2047. **Levine AJ: Influence of age and ovarian stimulation upon carcinoma in situ. A histologic study.**
Amer J Obstet Gynec 104:1023-6, 1 Aug 69
ADULT/ AGE FACTORS/ AGED/ *CARCINOMA, chemically induced/ *CARCINOMA, pathology/ *CERVIX NEOPLASMS, chemically induced/ *CERVIX NEOPLASMS, pathology/ *ESTROGENS/ FEMALE/ HUMAN/ HYPERPLASIA/ MIDDLE AGE/ *PROGESTERONE

2048. **Levine S, Prineas J, Scheinberg LC: Allergic encephalomyelitis: inhibition of cellular passive transfer by x-irradiation.**
Proc Soc Exp Biol Med 131:986-90, Jul 69
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ BONE MARROW CELLS, transplantation/ *ENCEPHALOMYELITIS, ALLERGIC, prevention & control/ FEMALE/ LYMPH NODES, cytology/ *LYMPH NODES, transplantation/ MALE/ *RADIATION EFFECTS/ RATS/ SPLEEN, cytology/ SPLEEN, transplantation/ THYMUS GLAND, cytology/ THYMUS GLAND, transplantation

2049. **Levine S, Sowinski R: Allergic adrenalitis and encephalomyelitis produced by injection into lymph nodes.** Clin Exp Immun 4:177-8, Jan 69
*ADRENAL GLAND DISEASES, immunology/ ANIMAL EXPERIMENTS/ *AUTOIMMUNE DISEASES/ *ENCEPHALOMYELITIS, ALLERGIC/ FREUND'S ADJUVANT/ IMMUNIZATION/ INJECTIONS/ *LYMPH NODES/ METHODS/ RATS/ TISSUE EXTRACTS

2050. **Levine S, Strebel R: Allergic encephalomyelitis: inhibition of cellular passive transfer by exogenous and endogenous steroids.**
Experientia 25:189-90, 15 Feb 69
*ADRENAL CORTEX HORMONES, physiology/ ADRENAL CORTEX HORMONES, secretion/ ANIMAL EXPERIMENTS/ CORTICOTROPIN, secretion/ DEPRESSION, CHEMICAL/ *DEXAMETHASONE, pharmacodynamics/ *ENCEPHALOMYELITIS, ALLERGIC, prevention & control/ FEMALE/ *LYMPH NODES, immunology/ LYMPH NODES, transplantation/ NEOPLASM TRANSPLANTATION/ ORGAN WEIGHT/ PITUITARY NEOPLASMS/ RATS/ *STRESS, immunology/ STRESS, physiopathology/ THYMUS GLAND

2051. **Levitan IB, Webb TE: Effects of 5-azacytidine on polyribosomes and on the control of tyrosine transaminase activity in rat liver.**
Biochim Biophys Acta 182:491-500, 17 Jun 69
ADENINE, metabolism/ ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ ENZYME INDUCTION/ LEUCINE, metabolism/ LIVER, cytology/ LIVER, drug effects/ *LIVER, enzymology/ LYSINE, metabolism/ MALE/ *NUCLEOSIDES, pharmacodynamics/ PERFUSION/ PROTEINS, biosynthesis/ RATS/ *RIBOSOMES, drug effects/ TIME FACTORS/ TRITIUM/ TRYPTOPHAN OXYGENASE, biosynthesis/ TRYPTOPHAN OXYGENASE, metabolism/ TYROSINE, metabolism/ *TYROSINE AMINOTRANSFERASE, biosynthesis/ TYROSINE AMINOTRANSFERASE, metabolism

2052. **Levorato C: Identificazione e determinazione quantitativa di corticosteroidi in preparazioni dermatologiche.**
Farmaco [Prat] 24:227-33, Apr 69 (Ita)
ADRENAL CORTEX HORMONES, administration & dosage/ *ADRENAL CORTEX HORMONES, analysis/ *ADRENAL CORTEX HORMONES, isolation & purification/ *ADRENAL CORTEX HORMONES, isolation & purification/ CHROMATOGRAPHY, THIN LAYER/ *DERMATOLOGIC AGENTS, analysis/ ENGLISH ABSTRACT/ HUMAN/ OINTMENTS/ SPECTROPHOTOMETRY

2053. **Levtova FA, Slezin VB: Vliianie élektroliticheskogo razrusheniia mindalevidnykh iader na raspredelenie podkrepliaiushchikh sistem golovnogo mozga zhivotnykh.**
Fiziol Zh SSSR Sechenov 54:406-12, Apr 68 (Rus)
*AMYGDALOID BODY, physiology/ ANIMAL EXPERIMENTS/ CATS/ ELECTRIC STIMULATION/ EMOTIONS/ ENGLISH ABSTRACT/ *HYPOTHALAMUS, physiology/ MOTOR ACTIVITY/ *RETICULAR FORMATION, physiology

2054. **Levy BS, Ashburn W: Thyroid-uptake studies using 132I.** J Nucl Med 10:286-9, Jun 69
HUMAN/ HYPERTHYROIDISM, diagnosis/ IODINE, metabolism/ *IODINE ISOTOPES, DIAGNOSTIC/ THYROID DISEASES, diagnosis/ *THYROID GLAND, metabolism/ *THYROID GLAND FUNCTION TESTS

2055. **Levy JM, Grunewald C, Klein F, et al: L'élimination de l'hormone gonadotrope chorionique et de l'hormone lutéinisante chez les nouveau-nés de mères normales et toxémiques.** Arch Franc Pediat 26:73-7, Jan 69 (Fre)
ECLAMPSIA, metabolism/ FEMALE/ *GONADOTROPINS, CHORIONIC, urine/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN/ LEYDIG CELLS/ *LH, urine/ MALE/ *MATERNAL-FETAL EXCHANGE/ PREGNANCY/ PREGNANCY IN DIABETES,

metabolism/ PREGNANCY TESTS/ *PREGNANCY TOXEMIAS, metabolism/ TIME FACTORS

2056. **Lewis JL Jr, Davis RC, Ross GT:** Hormonal, immunologic, and chemotherapeutic studies of transplantable human choriocarcinoma.
Amer J Obstet Gynec 104:472-8, 15 Jun 69
ANIMAL EXPERIMENTS/ ANTILYMPHOCYTE SERUM/ *CHORIOCARCINOMA/ CHORIOCARCINOMA, drug therapy/ CHORIOCARCINOMA, immunology/ *CORTISONE, pharmacodynamics/ FEMALE/ *GONADOTROPINS, CHORIONIC, secretion/ HAMSTERS/ *HORMONES, ECTOPIC, secretion/ HUMAN/ *IMMUNE SERUMS/ *IMMUNOSUPPRESSIVE AGENTS, pharmacodynamics/ *LYMPHOCYTES, immunology/ *METHOTREXATE, therapeutic use/ NEOPLASM TRANSPLANTATION/ TRANSPLANTATION, HETEROLOGOUS

2057. **Li CH, Dixon JS, Schmidt KD, et al:** Amino and carboxy-terminal sequences of ovine lactogenic hormone. Nature (London) 222:1268-9, 28 Jun 69
*AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ PEPTIDES, analysis/ PITUITARY GLAND, analysis/ *PROLACTIN, analysis/ SHEEP

2058. **Liakhovitskii MM, Moerman LA:** Endotrakheal'nyi narkoz pri operatsiiakh po povodu tiazhelykh form basedovoi bolezni.
Vestn Khir Grekov 102:101-3, Feb 69 (Rus)
*ANESTHESIA, INTRATRACHEAL/ *GOITER, EXOPHTHALMIC, surgery/ HUMAN/ THYROIDECTOMY

2059. **Liberman B, Wajchenberg BL:** Adaptation to dietary sodium restriction in adrenocortical insufficiency.
Rev Franc Etud Clin Biol 14:46-51, Jan 69
*ADDISON'S DISEASE, drug therapy/ ADDISON'S DISEASE, physiopathology/ *ADRENAL CORTEX HORMONES, therapeutic use/ *ADRENAL GLAND HYPOFUNCTION, drug therapy/ ADRENALECTOMY/ ADULT/ *ALDOSTERONE, therapeutic use/ *CORTISONE, therapeutic use/ *DIET, SALT-FREE/ FEMALE/ GLOMERULAR FILTRATION RATE/ HUMAN/ HYPONATREMIA, drug therapy/ HYPONATREMIA, etiology/ *HYPOPITUITARISM, drug therapy/ HYPOPITUITARISM, physiopathology/ MALE/ MIDDLE AGE/ SHEEHAN'S SYNDROME, drug therapy/ SODIUM, physiology/ SODIUM, urine

2060. **Liberti JP, Alfano J, Sonenberg M:** Chemical and biological characterization of methylated bovine growth hormone.
Biochim Biophys Acta 181:176-83, May 69
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CATTLE/ CONDUCTOMETRY/ ELECTROPHORESIS/ ESTERS, analysis/ HYPOPHYSECTOMY/ METHYLATION/ PITUITARY GLAND, physiology/ RATS/ *SOMATOTROPIN/ SOMATOTROPIN, analysis/ SOMATOTROPIN, pharmacodynamics/ STIMULATION, CHEMICAL

2061. **Libertun C, Moguilevsky JA, Schiaffini O, et al:** Effect of hypophysectomy on the oxidative ang glycolytic metabolism of hypothalamus.
Experientia 25:196-7, 15 Feb 69
ANIMAL EXPERIMENTS/ *GLYCOLYSIS/ *HYPOPHYSECTOMY/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ *HYPOTHALAMUS, metabolism/ LACTATES, biosynthesis/ MALE/ MANOMETRY/ *OXYGEN CONSUMPTION/ PEPTIDES, biosynthesis/ PITUITARY HORMONE RELEASING FACTORS, physiology/ RATS

2062. **Lidberg L:** Aterfall i sexualkriminalitet efter kastration. Kasuistiskt meddelande.
Nord Psykiat T 22:387-91, 1968 (Swe)
ADULT/ CASE REPORT/ *CASTRATION/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ *SEX OFFENSES

2063. **Lidén S:** Gonorréfallen fortsätter att öka. Betydelsen av medicinska faktorer.
Lakartidningen 66:907-11, 26 Feb 69 (Swe)
ADULT/ CONTRACEPTIVES, ORAL/ ENGLISH ABSTRACT/ FEMALE/ GONORRHEA, diagnosis/ *GONORRHEA, drug therapy/ GONORRHEA, etiology/ HUMAN/ MALE/ *PENICILLIN G, therapeutic use/ PROCAINE, therapeutic use

2064. **Lie-Injo LE, Lopez CG, Dutt AK:** Pathological findings in hydrops foetalis due to alpha-thalassamemia: a review of 32 cases.
Trans Roy Soc Trop Med Hyg 62:874-9, 1968
ADRENAL GLANDS, pathology/ EDEMA, pathology/ FEMALE/ FETAL DEATH/ FETAL DISEASES, blood/ FETAL DISEASES, etiology/ *FETAL DISEASES, pathology/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, etiology/ ISLANDS OF LANGERHANS, pathology/ MALE/ PLACENTA, pathology/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, pathology/ PREGNANCY TOXEMIAS, complications/ *THALASSEMIA, complications

2065. **Lieber E, Hirschhorn K, Fudenberg HH:** Response of agammaglobulinaemic lymphocytes in mixed lymphocyte culture. Clin Exp Immun 4:83-91, Jan 69
ADOLESCENCE/ ADULT/ AGAMMAGLOBULINEMIA, familial & genetic/ *AGAMMAGLOBULINEMIA, immunology/ CHILD/ FEMALE/ HUMAN/ KARYOTYPING/ LYMPHOCYTE TRANSFORMATION/ LYMPHOCYTES, drug effects/ *LYMPHOCYTES, immunology/ MALE/ MIDDLE AGE/ *PLANT AGGLUTININS, pharmacodynamics/ SEX CHROMOSOMES/ TISSUE CULTURE

2066. **Lieberman LM, Beierwaltes WH, Varma VM, et al:** Labeled dopamine concentration in human adrenal medulla and in neuroblastoma.
J Nucl Med 10:93-7, Feb 69
*ADRENAL MEDULLA, metabolism/ CARBON ISOTOPES/ CHILD/ *DOPAMINE, metabolism/ EPINEPHRINE, metabolism/ FEMALE/ HEPATOMA, metabolism/ HUMAN/ INJECTIONS, INTRAVENOUS/ LIVER NEOPLASMS, metabolism/ *LUNG NEOPLASMS, metabolism/ MIDDLE AGE/ NEURILEMMOMA, metabolism/ *NEUROBLASTOMA, metabolism/ NOREPINEPHRINE, metabolism

2067. **Liebowitz HR:** Pathogenesis of ascites in cirrhosis of liver. II. New York J Med 69:2012-24, 15 Jul 69 (67 ref.)
ALCOHOL, ETHYL, metabolism/ ALDOSTERONE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ASCITES, etiology/ ASCITIC FLUID/ HEART FAILURE, CONGESTIVE, complications/ HEMODYNAMICS/ HUMAN/ HYPERALDOSTERONISM, etiology/ HYPERTENSION, PORTAL, etiology/ KIDNEY, physiopathology/ *LIVER CIRRHOSIS, complications/ OSMOTIC PRESSURE/ PORTACAVAL ANASTOMOSIS/ REVIEW/ SERUM ALBUMIN, metabolism/ VENA CAVA, INFERIOR

2068. **Liew CC, Gornall AG:** Effects of aldosterone on blood pressure and glucose-6-phosphate dehydrogenase activity of heart muscle.
Canad J Physiol Pharmacol 47:193-7, Feb 69
*ALDOSTERONE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLOOD PRESSURE, drug effects/ DESOXYCORTICOSTERONE/ GLUCOSEPHOSPHATE DEHYDROGENASE, analysis/ *GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ MALE/ *MUSCLE, SMOOTH, enzymology/ MYOCARDIUM, enzymology/ NADP, metabolism/ RATS

2069. **Liggins GC:** Premature parturition after infusion of corticotrophin or cortisol into foetal lambs.

J Endocr 42:323-9, Oct 68
ADRENAL GLANDS, anatomy & histology/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN, anatomy & histology/ *CORTICOTROPIN, pharmacodynamics/ ESTRADIOL, pharmacodynamics/ FEMALE/ *FETUS, drug effects/ *HYDROCORTISONE, pharmacodynamics/ LABOR, drug effects/ *LABOR, INDUCED/ ORGAN WEIGHT/ *PITUITARY-ADRENAL SYSTEM, physiology/ PREGNANCY/ SHEEP

2070. **Lim MK**: Experience with serum magnesium estimations. Med J Aust 1:1075-7, 24 May 69
AUTOANALYSIS/ CALCIUM, blood/ COMPARATIVE STUDY/ FLUOROMETRY/ HUMAN/ HYPERPARATHYROIDISM, blood/ KIDNEY FAILURE, CHRONIC, blood/ *MAGNESIUM, blood/ MALABSORPTION SYNDROMES, blood/ METHODS/ NEOPLASMS, blood/ PHOSPHATES, blood/ TETANY, blood

2071. **Lin TC, Kang BJ, Shimizu Y, et al**: Evaluation of the fluorescent antibody--cell culture test for detection and titration of hog cholera virus.
Nat Inst Anim Health Quart (Tokyo) 9:10-9, Spring 69
ARBOVIRUS/ COMPARATIVE STUDY/ CYTOPATHOGENIC EFFECT, VIRAL/ *FLUORESCENT ANTIBODY TECHNIC/ GUINEA PIGS/ *HOG CHOLERA/ KIDNEY/ NEWCASTLE DISEASE VIRUS/ SWINE/ TESTIS/ TIME FACTORS/ TISSUE CULTURE/ *VERTEBRATE VIRUSES, UNCLASSIFIED, isolation & purification

2072. **Lindemann R, Trygstad O, Halvorsen S**: Pituitary control of erythropoiesis.
Scand J Haemat 6:77-86, 1969
ANIMAL EXPERIMENTS/ ANOXIA/ CORTICOTROPIN, analysis/ CORTICOTROPIN, pharmacodynamics/ *ERYTHROPOIESIS, drug effects/ HUMAN/ HYDROCORTISONE, pharmacodynamics/ IRON, blood/ IRON ISOTOPES/ MICE/ OXYGEN CONSUMPTION/ PITUITARY GLAND/ POLYCYTHEMIA, etiology/ PROLACTIN, pharmacodynamics/ THYROTROPIN, analysis/ THYROTROPIN, pharmacodynamics/ TISSUE EXTRACTS, analysis/ *TISSUE EXTRACTS, pharmacodynamics

2073. **Lindner H**: Therapie der akuten Virushepatitis.
Landarzt 43:910-8, 10 Jul 67 (Ger)
*CHOLAGOGUES AND CHOLERETICS, therapeutic use/ CHRONIC DISEASE/ DIET THERAPY/ *GLUCOCORTICOIDS, therapeutic use/ *HEPATITIS, INFECTIOUS, therapy/ HUMAN/ INFUSIONS, PARENTERAL/ *LIPOTROPIC FACTORS, therapeutic use/ *VITAMINS, therapeutic use

2074. **Lindner J**: Der rheumatische Bindegewebs-Stoffwechsel und die pathologische Struktur der Bindegewebe bei rheumatoider Arthritis.
Verh Deutsch Ges Inn Med 74:1315-49, 1968 (170 ref.) (Ger)
*ARTHRITIS, RHEUMATOID, metabolism/ *ARTHRITIS, RHEUMATOID, pathology/ CAPILLARIES, pathology/ CARTILAGE, ARTICULAR, metabolism/ COLLAGEN/ CONNECTIVE TISSUE, drug effects/ *CONNECTIVE TISSUE, metabolism/ *CONNECTIVE TISSUE, pathology/ DNA, biosynthesis/ ESTROGENS, pharmacodynamics/ GLUCOCORTICOIDS, pharmacodynamics/ HISTOCYTOCHEMISTRY/ HUMAN/ LYSOSOMES/ LYSOSOMES, enzymology/ MICROSCOPY, ELECTRON/ MODELS, THEORETICAL/ PROGESTERONE, pharmacodynamics/ RADIOAUTOGRAPHY/ REVIEW/ SULFATES, metabolism/ SYNOVIAL MEMBRANE, metabolism/ SYNOVIAL MEMBRANE, pathology/ TRITIUM

2075. **Lindo DE, Grenn HH**: Case report. Bilateral sertoli cell tumour in a canine cryptorchid with accompanying pathological lesions. Canad Vet J 10:145-7, May 69
CRYPTORCHISM, pathology/ CRYPTORCHISM, veterinary/ *DOG DISEASES, pathology/ DOGS/ MALE/ SERTOLI CELL TUMOR, pathology/ *SERTOLI CELL TUMOR, veterinary

2076. **Lindsay RH, Starnes WR, Hershman JM, et al**: Purification of bovine thyroid-stimulating hormone by solubility fractionation with ammonium sulfate.
Proc Soc Exp Biol Med 131:875-80, Jul 69
*AMMONIUM COMPOUNDS/ ANIMAL EXPERIMENTS/ CATTLE/ *CHEMISTRY, ANALYTICAL/ CHROMATOGRAPHY, ION EXCHANGE/ DEAE-CELLULOSE/ IODINE ISOTOPES/ METHODS/ PRECIPITATION/ *SOLUBILITY/ *SULFATES/ *THYROTROPIN, isolation & purification

2077. **Linet O, Van Zwieten PA, Hertting G**: Effect of hydrazinophthalazines on catecholamines in rats.
Europ J Pharmacol 6:121-4, May 69
*ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ *BRAIN CHEMISTRY/ *HYDRALAZINE, pharmacodynamics/ MALE/ *MYOCARDIUM, analysis/ *NOREPINEPHRINE, analysis/ RATS/ TIME FACTORS/ TRITIUM

2078. **Linneweh F**: Therapie des nephrotischen Syndroms im Kindesalter.
Deutsch Med Wschr 94:1335-6, 20 Jun 69 (Ger)
AZATHIOPRINE, adverse effects/ *AZATHIOPRINE, therapeutic use/ BIOPSY/ BLOOD PROTEINS, analysis/ HUMAN/ KIDNEY, pathology/ *NEPHROTIC SYNDROME, drug therapy/ *PREDNISOLONE, therapeutic use

2079. **Linss W, Steizner A, Urbach H**: Elektronenmikroskopische Untersuchungen über die Entwicklung von Coxiella burneti im Hodengewebe des Meerschweinshens.
Arch Ges Virusforsch 26:86-96, 1969 (Ger)
ANIMAL EXPERIMENTS/ COXIELLA, cytology/ *COXIELLA, growth & development/ ENGLISH ABSTRACT/ GUINEA PIGS/ MALE/ MICROSCOPY, ELECTRON/ *TESTIS

2080. **Linzell JL, Mepham TB, Annison EF, et al**: Mammary metabolism in lactating sows: arteriovenous differences of milk precursors and the mammary metabolism of [14C]glucose and [14C]acetate.
Brit J Nutr 23:319-32, Jun 69
*ACETATES, metabolism/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ CARBON ISOTOPES/ *GLUCOSE, metabolism/ *LACTATION/ LACTOSE, analysis/ LIPIDS, metabolism/ MAMMAE, blood supply/ *MAMMAE, metabolism/ MILK, analysis/ OXYGEN CONSUMPTION/ PROTEINS, metabolism/ SWINE

2081. **Lippert TH, Waton NG**: Untersuchungen über den Ursprung des Histamins in der Hypophyse der Katze.
Naunyn Schmiedeberg Arch Pharm Exp Path 260:170-1, 1968 (Ger)
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CATS/ *HISTAMINE, biosynthesis/ *HISTIDINE, metabolism/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ *PITUITARY GLAND, metabolism

2082. **Lisboa BP, Gustafsson JA**: Biosynthesis of 18-hydroxytestosterone in the human foetal liver.
Europ J Biochem 9:402-5, Jun 69
*ANDROSTANES, biosynthesis/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ FEMALE/ GELS/ HUMAN/ LIVER, embryology/ *LIVER, metabolism/ MALE/ *MICROSOMES, metabolism/ MODELS, BIOLOGIC/ PREGNANCY/ SILICA/ SPECTRUM ANALYSIS/ *STEROIDS, biosynthesis/ STEROIDS, isolation & purification/ *STEROLS, biosynthesis/ *TESTOSTERONE, metabolism

2083. **Lish RD**: Reproductive potential of the male rat: enhancement of copulatory levels following lesions of the mammillary body in sexually non-active and active animals. J Reprod Fertil 19:353-6, Jul 69
ANIMAL EXPERIMENTS/ *COITUS/ EJACULATION/ FEMALE/ *HYPOTHALAMUS,

physiology/ MALE/ RATS/ *SEX BEHAVIOR, ANIMAL

2084. **Lishajko F:** Influence of chloride ions and ATP-Mg++ on the release of catecholamines from isolated adrenal medullary granules.
Acta Physiol Scand 75:255-6, Jan-Feb 69
*ADENOSINE TRIPHOSPHATE, pharmacodynamics/ *ADRENAL MEDULLA, drug effects/ ANIMAL EXPERIMENTS/ CATTLE/ *CHLORIDES, pharmacodynamics/ *EPINEPHRINE, biosynthesis/ IN VITRO/ *MAGNESIUM, pharmacodynamics/ *NOREPINEPHRINE, biosynthesis/ STIMULATION, CHEMICAL

2085. **Lisk RD:** Progesterone: role in limitation of ovulation and sex behavior in mammals.
Trans NY Acad Sci 31:593-601, May 69
ANIMAL EXPERIMENTS/ CASTRATION/ ESTRUS, drug effects/ FEMALE/ HAMSTERS/ INJECTIONS, SUBCUTANEOUS/ MALE/ OVARY, physiology/ *OVULATION, drug effects/ *PROGESTERONE, pharmacodynamics/ RATS/ *SEX BEHAVIOR, ANIMAL, drug effects

2086. **Lissitzky S, Laurent B, Bernard P, et al:** Etudes expérimentales sur un cas de tyrosinose. Nouvelle hypothèse pathogénique.
Rev Franc Etud Clin Biol 14:19-30, Jan 69 **(Fre)**
ADULT/ AMINO ACIDS, blood/ AMINO ACIDS, urine/ AMINOTRANSFERASES, metabolism/ ANIMAL EXPERIMENTS/ BLOOD SUGAR/ CARBON DIOXIDE, metabolism/ CHROMATOGRAPHY/ DEPRESSION, CHEMICAL/ DIETARY CARBOHYDRATES, pharmacodynamics/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ ENZYME INDUCTION/ FEMALE/ GLUCOSE, urine/ HUMAN/ HYDROCORTISONE, pharmacodynamics/ KIDNEY DISEASES, physiopathology/ KIDNEY TUBULES, physiopathology/ LIVER, enzymology/ MALE/ *METABOLIC DISEASES/ PHENOLS, urine/ PREGNANCY/ PYRIDOXAL PHOSPHATE/ PYRIDOXINE, administration & dosage/ PYRUVATE OXIDASE, biosynthesis/ RATS/ STIMULATION, CHEMICAL/ TIME FACTORS/ *TYROSINE, administration & dosage/ TYROSINE, blood/ *TYROSINE, metabolism/ TYROSINE, urine/ WATER, metabolism

2087. **Lissitzky S, Manté S, Attali JC, et al:** Action of 3',5'-cyclic adenosinemonophosphate on the protein synthesizing capacity of thyroid polyribosomes in vitro.
Biochem Biophys Res Commun 35:437-43, 22 May 69
*ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ DEPRESSION, CHEMICAL/ IN VITRO/ LEUCINE, metabolism/ PHENYLALANINE, metabolism/ POLYNUCLEOTIDES, metabolism/ *PROTEINS, biosynthesis/ *RIBOSOMES, metabolism/ SHEEP/ STIMULATION, CHEMICAL/ THYROID GLAND, cytology/ *THYROID GLAND, metabolism/ THYROTROPIN, pharmacodynamics/ TRYPSIN, pharmacodynamics/ URACIL NUCLEOTIDES, metabolism

2088. **Liszka G, Gál I, Kiss I:** Uber die sich nach Pankreaserkrankungen entwickelnden intraossealen Nekrosen.
Acta Med Acad Sci Hung 26:61-72, 1969 **(Ger)**
AGED/ BONE AND BONES, pathology/ *BONE DISEASES, etiology/ BONE DISEASES, pathology/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ NECROSIS/ PANCREAS, pathology/ *PANCREATIC DISEASES, complications/ PANCREATIC DISEASES, pathology/ PANCREATIC DISEASES, physiopathology/ PANCREATIC DISEASES, radiography

2089. **Litta-Modignani R, Badoni M:** Metyrapone and pyrogen tests in hyperadrenocorticism: evaluation of blood corticotropin levels. J Endocr 42:245-51, Oct 68
ADOLESCENCE/ ADULT/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CORTICOSTERONE, blood/ *CORTICOTROPIN, blood/ *CUSHING'S SYNDROME, blood/ CUSHING'S SYNDROME, diagnosis/ FEMALE/ HUMAN/ HYDROCORTISONE, metabolism/ HYPOTHALAMUS, drug effects/ *METYRAPONE, diagnostic use/ MIDDLE AGE/ *POLYSACCHARIDES, BACTERIAL, diagnostic use/ *PYROGENS, diagnostic use/ RATS

2090. **Little SL, Gray AJ, Lamming GE:** Local effect of the ovary on the uterus of the rat. J Endocr 43:33-4, Jan 69
ANIMAL EXPERIMENTS/ CASTRATION/ EMBRYO/ FALLOPIAN TUBES, physiology/ FEMALE/ *OVARY, physiology/ OVARY, secretion/ PREGNANCY/ *PREGNANCY, ANIMAL/ RATS/ SEX HORMONES, secretion/ *UTERUS, physiology

2091. **Litwak O, Mussey E:** Vaginal hormonal cytology.
Minn Med 52:731-5, May 69
*ESTROGENS, analysis/ FEMALE/ HUMAN/ PREGNANCY/ *VAGINA, cytology/ *VAGINAL SMEARS

2092. **Liu FT, Lin HS, Zullo TG:** Effect of graded doses of estradiol benzoate on dental caries and salivary glands in female rats. J Dent Res 48:485, May-Jun 69
ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ *CARIOGENIC AGENTS/ *DENTAL CARIES, occurrence/ *ESTRADIOL/ FEMALE/ ORGAN WEIGHT/ PAROTID GLAND, drug effects/ RATS/ *SALIVARY GLANDS, drug effects/ SUBMANDIBULAR GLAND, drug effects/ THYROID GLAND, drug effects

2093. **Liu FT, Lin HS:** Effect of some contraceptive steroids on growth and development of salivary glands and incidence of dental caries in female rats.
J Dent Res 48:477-82, May-Jun 69
ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ *CONTRACEPTIVE AGENTS/ *ETHINYL ESTRADIOL/ FEMALE/ INJECTIONS, SUBCUTANEOUS/ *MEDROXYPROGESTERONE/ ORGAN WEIGHT/ *PAROTID GLAND, drug effects/ RATS/ *SUBMANDIBULAR GLAND, drug effects

2094. **Liu FT, Lin HS:** Influence of corticosterone on the integrity of salivary glands and the incidence of dental caries in the rat. J Dent Res 48:467-72, May-Jun 69
ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ *CARIOGENIC AGENTS/ *CORTICOSTERONE/ *DENTAL CARIES, occurrence/ *HYDROCORTISONE/ INJECTIONS, SUBCUTANEOUS/ ORGAN WEIGHT/ PAROTID GLAND, drug effects/ PROTEIN-BOUND IODINE TEST/ RATS/ *SALIVARY GLANDS, drug effects/ SUBMANDIBULAR GLAND, drug effects/ THYROID GLAND, drug effects

2095. **Liu FT, Lin HS:** Effect of norethindrone on submandibular glands and dental caries in female rats.
Proc Soc Exp Biol Med 131:331-5, Jun 69
ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ *DENTAL CARIES, chemically induced/ FEMALE/ INJECTIONS, SUBCUTANEOUS/ *NORETHINDRONE, pharmacodynamics/ ORGAN WEIGHT/ OVARY, drug effects/ RATS/ *SUBMANDIBULAR GLAND, drug effects/ THYROID GLAND, drug effects/ UTERUS, drug effects

2096. **Liubashevskiĭ NM:** Vliianie sviazyvaniia radioizotopov strontsiia, ittriia i tseziia belkami syvorotki krovi na nakoplenie ikh v tkaniakh.
Radiobiologiia 8:754-5, Sep-Oct 68 **(Rus)**
ANIMAL EXPERIMENTS/ *BLOOD PROTEINS, metabolism/ BONE AND BONES, metabolism/ *CESIUM ISOTOPES, metabolism/ PROTEIN BINDING/ RATS/ *STRONTIUM ISOTOPES, metabolism/ *YTTRIUM ISOTOPES, metabolism

2097. **Liubashevskiĭ NM, Puchkova SM:** Ob otsenke fiziko-khimicheskogo sostoianiia izotopov v tkaniakh organizma.
Med Radiol (Moskva) 13:69-70, Aug 68 **(Rus)**
*BONE AND BONES, metabolism/ CHEMISTRY, PHYSICAL/ METHODS/ *RADIOISOTOPES, metabolism

2098. **Liubchanskiĭ ER:** Povedenie Pu239 v organizme krys posle odnokratnoĭ ingaliatsii nekotorykh ego khimicheskikh soedineniĭ.
Radiobiologiia 7:541-7, Jul-Aug 67 **(Rus)**
ANIMAL EXPERIMENTS/ *BONE AND BONES, metabolism/ *LUNG, metabolism/ *PLUTONIUM, metabolism/ RATS/ SKELETON, metabolism

2099. **Livett BG, Geffen LB, Rush RA:** Immunohistochemical evidence for the transport of dopamine-B-hydroxylase and a catecholamine binding protein in sympathetic nerves.
Biochem Pharmacol 18:923-4, Apr 69
ADRENAL MEDULLA, metabolism/ ANIMAL EXPERIMENTS/ *ANTIBODY FORMATION/ *DOPAMINE, metabolism/ FLUORESCENT ANTIBODY TECHNIC/ GOATS/ *HYDROXYLASES, metabolism/ IMMUNE SERUMS/ *NERVE ENDINGS, enzymology/ *NERVE ENDINGS, immunology/ NERVE ENDINGS, metabolism/ PROTEIN BINDING/ *PROTEINS, metabolism/ RABBITS/ SHEEP/ SYMPATHETIC NERVOUS SYSTEM, metabolism

2100. **Lloyd BJ:** Adrenal sterol metabolism in the hamster following ACTH and cortisol administration.
Endocrinology 85:347-50, Aug 69
ACETATES, metabolism/ ADRENAL CORTEX HORMONES, biosynthesis/ *ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHOLESTEROL, blood/ *CORTICOTROPIN, pharmacodynamics/ CORTICOTROPIN, physiology/ DEPRESSION, CHEMICAL/ ESTERS, metabolism/ HAMSTERS/ *HYDROCORTISONE, pharmacodynamics/ HYDROCORTISONE, physiology/ *LIPIDS, metabolism/ LIVER GLYCOGEN, isolation & purification/ MALE/ *PITUITARY-ADRENAL SYSTEM/ *STEROLS, metabolism

2101. **Lloyd GA:** Radiological signs in proptosis.
Trans Ophthal Soc UK 87:375-83, 1967
CAROTID ARTERIES, radiography/ DIAGNOSIS, DIFFERENTIAL/ EXOPHTHALMOS, etiology/ EXOPHTHALMOS, radiography/ HUMAN/ ORBIT, blood supply/ *ORBIT, radiography/ PHLEBOGRAPHY

2102. **Lloyd KO, Kabat EA, Beychok S:** Immunochemical studies on blood groups. 43. The interaction of blood group substances from various sources with a plant lectin, concanavalin A. J Immun 102:1354-62, Jun 69
*ABO FACTORS/ ANTIGENS/ DISACCHARIDES, isolation & purification/ GASTRIC JUICE, analysis/ GASTRIC JUICE, immunology/ HEMAGGLUTINATION TESTS/ HEXOSAMINES, analysis/ HUMAN/ IMMUNE SERUMS/ LEWIS BLOOD-GROUP SYSTEM/ OPTICAL ROTATORY DISPERSION/ OVARIAN CYSTS, immunology/ *PLANT AGGLUTININS/ PRECIPITIN TESTS/ SWINE

2103. **Lo SS, Hitzig WH, Sigg P:** Management of chronic idiopathic thrombocytopenic purpura in children, with particular reference to immunosuppressive therapy. Acta Haemat (Basel) 41:1-15, 1969
ADOLESCENCE/ AZATHIOPRINE, adverse effects/ AZATHIOPRINE, therapeutic use/ BLOOD CELL COUNT/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ CHILD/ FEMALE/ GEL DIFFUSION TESTS/ HAPTOGLOBINS, analysis/ HUMAN/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ LEUKOCYTE COUNT/ MALE/ PLATELET ADHESIVENESS/ PREDNISONE, adverse effects/ *PURPURA, THROMBOPENIC, drug therapy/ SPLENECTOMY

2104. **Lo Bruno D, Tabarroni F, Rapino P, et al:** Aspetti del metabolismo fosfo-calcico nell'anziano.
G Geront 16:1201-26, Nov 68 **(Ita)**
ADULT/ AGED/ *AGING, physiology/ *CALCIUM, metabolism/ *CALCIUM METABOLISM DISORDERS/ FEMALE/ HUMAN/ *HYPERCALCEMIA/ *HYPOCALCEMIA/ MALE/ MIDDLE AGE/ *PHOSPHATES, metabolism/ *PHOSPHORUS METABOLISM DISORDERS

2105. **Lockett MF:** Changes in the flow and composition of the urine induced by the 18 monoacetate of D-aldosterone, in cats.
J Physiol (London) 202:671-82, Jun 69
*ALDOSTERONE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CATS/ DECEREBRATE STATE/ DIURESIS/ HYPOPHYSECTOMY/ *KIDNEY, drug effects/ POTASSIUM, urine/ SODIUM, urine/ URINE, secretion/ VASOPRESSIN, secretion

2106. **Loeber F:** Rachitisprophylaxe heute.
Deutsch Schwesternzeitung 22:205-6, Apr 69 (Ger)
RICKETS, prevention & control/ SPECIAL LIST NURSING/ VITAMIN D, therapeutic use

2107. **Loewit KK, Laurence KA:** Termination of pregnancy in the rat with rabbit antibovine LH serum.
Fertil Steril 20:679-88, Jul-Aug 69
*ABORTION, chemically induced/ ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ CATTLE/ EMBRYO, drug effects/ FEMALE/ GEL DIFFUSION TESTS/ HEMAGGLUTINATION TESTS/ *IMMUNE SERUMS, pharmacodynamics/ INJECTIONS/ *LH/ LH, physiology/ MALE/ OVARY, pathology/ PREGNANCY/ PREGNANCY, ANIMAL/ *PREGNANCY, ANIMAL, drug effects/ RABBITS/ RATS/ UTERUS, pathology

2108. **Logan JW:** Thyroid depression following splenic irradiation in lymphoma patients.
Aust Radiol 13:161-3, May 69
DEPRESSION, CHEMICAL/ HUMAN/ LYMPHOMA, complications/ *RADIOTHERAPY, adverse effects/ *SPLEEN, radiation effects/ SPLENOMEGALY, complications/ *THYROID GLAND, radiation effects/ THYROTROPIN, radiation effects/ *THYROTROPIN, secretion

2109. **Loginov AS, Berezov VM:** Patogenez i lechenie otechno-astsiticheskogo sindroma u bol'nykh tsirrozom pecheni.
Ter Arkh 39:12-20, Aug 67 (116 ref.) **(Rus)**
ADRENAL CORTEX HORMONES, therapeutic use/ ALDOSTERONE, metabolism/ *ASCITES, etiology/ ASCITES, therapy/ DIET THERAPY/ *EDEMA, etiology/ EDEMA, therapy/ HUMAN/ *LIVER CIRRHOSIS, complications/ LIVER CIRRHOSIS, metabolism/ LYMPHATIC SYSTEM, physiopathology/ PROTEINS, metabolism/ REVIEW/ VASOPRESSIN, metabolism/ WATER-ELECTROLYTE BALANCE

2110. **Löhr GW:** Genetische Enzymdefekte der Hexokinase und der Transport-Adenosin-Triphosphat-Phosphohydrolase der Erythrozyten.
Folia Haemat (Leipzig) 91:28-38, 1969 **(Ger)**
*ADENOSINE TRIPHOSPHATASE/ ADOLESCENCE/ ADULT/ AGED/ ANEMIA, PERNICIOUS, enzymology/ ARRHYTHMIA, metabolism/ CHILD/ CHROMOSOME ABERRATIONS/ ELECTROLYTES/ ENZYME TESTS/ ERYTHROCYTES, enzymology/ FANCONI SYNDROME, enzymology/ FEMALE/ GLYCOSIDES, adverse effects/ HEINZ BODIES/ *HEXOKINASE/ HUMAN/ MALE/ METABOLISM, INBORN ERRORS, familial & genetic/ OSMOSIS/ PEDIGREE

2111. **Loi G, Marotta U:** Un caso di riproduzione in loco di tumore del timo. Nunt Radiol 33:1405-18, Nov 67 **(Ita)**
HUMAN/ MALE/ MIDDLE AGE/ *NEOPLASM RECURRENCE, LOCAL/ THORACIC RADIOGRAPHY/ *THYMUS NEOPLASMS/ THYMUS NEOPLASMS, classification/ TOMOGRAPHY

2112. **Lojda L, Navrátil S:** Výskyty případů analogických syndromu testikulární feminizace u Sus scrofa domestica. Cas Lek Cesk 108:709-10, May 69 **(Cze)**
ENGLISH ABSTRACT/ HERMAPHRODITISM, veterinary/ *SEX DIFFERENTIATION DISORDERS, veterinary/ *SWINE DISEASES/ TESTICULAR FEMINIZATION, veterinary

2113. **Lommatzsch P, Motsch K:** Veränderungen an Augenhintergrund beim Phäochromocytom im Kindesalter.
Ber Deutsch Ophth Ges 68:435-7, 1968 **(Ger)**
*ADRENAL GLAND NEOPLASMS, pathology/ CHILD/ FEMALE/ *FUNDUS OCULI, pathology/ HUMAN/ *PHEOCHROMOCYTOMA, pathology

2114. **Long JF:** Relationship of gastric secretion to food intake in lactating rats.
Amer J Physiol 217:228-32, Jul 69
ANIMAL EXPERIMENTS/ ATROPINE, pharmacodynamics/ BODY WEIGHT/ *DIET/ FEMALE/ *GASTRIC JUICE, secretion/ *LACTATION/ PEPSIN, secretion/ RATS/ STOMACH, secretion/ VAGOTOMY/ VAGUS NERVE, physiology

2115. **Lopez Botet E, Calabuig JR, Gonzalez Bayo E:** Hormonal allergy in asthma and migraines.
Allerg Asthma (Leipzig) 14:78-84, 1968
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ *ASTHMA, complications/ FEMALE/ FSH/ GONADOTROPINS/ HUMAN/ HYPERSENSITIVITY/ LH/ MALE/ MENOPAUSE/ MENSTRUATION DISORDERS, complications/ MIDDLE AGE/ *MIGRAINE, complications/ PREMENSTRUAL TENSION/ SEX FACTORS/ *SEX HORMONES/ *SEX HORMONES, pharmacodynamics/ SKIN TESTS

2116. **Lorenz W, Gerant M, Werle E:** Induction of the specific histidine decarboxylase by TSH and 2-mercaptobenzimidazole-1,3-dimethyiol (MBI).
Naunyn Schmiedeberg Arch Pharm Exp Path 260:171-2, 1968
ANIMAL EXPERIMENTS/ *BENZIMIDAZOLES, pharmacodynamics/ *CARBOXY-LYASES, biosynthesis/ DUODENUM, enzymology/ *ENZYME INDUCTION/ FEMALE/ HISTIDINE/ KIDNEY, enzymology/ LIVER, enzymology/ MYOCARDIUM, enzymology/ PANCREAS, enzymology/ PAROTID GLAND, enzymology/ RATS/ STIMULATION, CHEMICAL/ STOMACH, enzymology/ SUBMANDIBULAR GLAND, enzymology/ *SULFHYDRYL COMPOUNDS, pharmacodynamics/ THYMUS GLAND, enzymology/ THYROID GLAND, enzymology/ *THYROTROPIN, pharmacodynamics

2117. **Lorenzen I:** Corticosteroids and vascular connective tissue. I. Effects of prednisone on rabbit aorta. Biochemical and morphological studies.
Acta Endocr (Kobenhavn) 60:586-94, Apr 69
ANIMAL EXPERIMENTS/ AORTA, drug effects/ *AORTA, metabolism/ AORTA, ABDOMINAL/ AORTA, THORACIC/ BODY WEIGHT/ COLLAGEN, metabolism/ CONNECTIVE TISSUE, drug effects/ *CONNECTIVE TISSUE, metabolism/ DEPRESSION, CHEMICAL/ GLUCOCORTICOIDS, adverse effects/ HEMORRHAGE, chemically induced/ HEXOSAMINES, analysis/ HYDROXYPROLINE, analysis/ MALE/ MUCOPOLYSACCHARIDES, biosynthesis/ *MUCOPOLYSACCHARIDES, metabolism/ ORGAN WEIGHT/ *PREDNISONE, pharmacodynamics/ RABBITS/ SULFATES, metabolism/ SULFUR ISOTOPES/ URONIC ACIDS, analysis

2118. **Loria PR:** Fluocinolone acetonide in atopic dermatitis.
J Louisiana Med Soc 121:49-50, Feb 69
ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ *DERMATITIS, ATOPIC, drug therapy/ FEMALE/ *FLUOCINOLONE ACETONIDE, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE

2119. **Lostroh AJ:** Regulation by FSH and ICSH (LH) of reproductive function in the immature male rat.
Endocrinology 85:438-45, Sep 69
AGE FACTORS/ ANIMAL EXPERIMENTS/ FSH, pharmacodynamics/ *FSH, physiology/ *GERM CELLS/ HYPOPHYSECTOMY/ LH, pharmacodynamics/ *LH, physiology/ MALE/ ORGAN WEIGHT/ PROSTATE, drug effects/ RATS/ *REPRODUCTION/ SEMINAL VESICLES, drug effects/ *SPERMATOZOA/ TESTIS, anatomy & histology/ TESTIS, drug effects/ *TESTIS, physiology/ TESTOSTERONE, pharmacodynamics

2120. **Loudon NB, Burton JL:** Oral contraceptives and blood-pressure. Lancet 2:217, 26 Jul 69
ADULT/ *BLOOD PRESSURE, drug effects/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ HUMAN

2121. **Lowe TE:** The physiological significance of kinekard.
Aust Ann Med 18:108-12, May 69
ANIMAL EXPERIMENTS/ ARTERIES/ BISHYDROXYCOUMARIN, therapeutic use/ CHROMATOGRAPHY, ION EXCHANGE/ FROGS/ GEL FILTRATION/ HEART ATRIUM/ HEPATIC VEINS/ HUMAN/ HYPERTENSION, blood/ ION EXCHANGE RESINS/ IPRONIAZID, therapeutic use/ LIVER DISEASES, blood/ METHODS/ MUSCLE CONTRACTION/ MUSCLE, SMOOTH/ MUSCLES/ *PEPTIDES, blood/ PITUITARY GLAND, physiology/ SPLEEN, physiology

2122. **Lowry JB, Orr KG, Wade WG:** Infarction of the small intestine associated with oral contraceptives.
J Irish Med Ass 62:260-2, Jul 69
ADULT/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ *MESENTERIC VASCULAR OCCLUSION, chemically induced

2123. **Loygue J, Bonfils S, Debray C, et al:** Problèmes posés par les tumeurs villeuses recto-sigmoidiennes.
Presse Med 77:97-9, 18 Jan 69 **(Fre)**
ACIDOSIS, diagnosis/ ADRENAL GLAND HYPOFUNCTION, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ ELECTROCOAGULATION/ HUMAN/ HYPOCALCEMIA/ HYPOKALEMIA/ HYPONATREMIA/ INTESTINAL MUCOSA, pathology/ INTESTINAL POLYPS, pathology/ INTESTINAL POLYPS, surgery/ NEPHRITIS, diagnosis/ NITROGEN, blood/ RADIUM, therapeutic use/ *RECTAL NEOPLASMS/ RECTAL NEOPLASMS, diagnosis/ RECTAL NEOPLASMS, pathology/ RECTAL NEOPLASMS, radiotherapy/ RECTAL NEOPLASMS, surgery/ *SIGMOID NEOPLASMS/ SIGMOID NEOPLASMS, diagnosis/ SIGMOID NEOPLASMS, pathology/ SIGMOID NEOPLASMS, radiotherapy/ SIGMOID NEOPLASMS, surgery/ SIGMOIDOSCOPY/ WATER-ELECTROLYTE BALANCE

2124. **Lubar JF, Schaefer CF, Wells DG:** The role of the septal area in the regulation of water intake and associated motivationalehavior.
Ann NY Acad Sci 157:875-93, 15 May 69
ANIMAL EXPERIMENTS/ AVOIDANCE LEARNING/ *BEHAVIOR, ANIMAL/ BODY WEIGHT/ *CEREBRAL CORTEX, physiology/ *DRINKING BEHAVIOR/ FEEDING BEHAVIOR/ MALE/ *MOTIVATION/ OSMOLAR CONCENTRATION/ RATS/ URINE, analysis/ VASOPRESSIN, pharmacodynamics

2125. **Lubbers EJ:** Het syndroom van de vena ovarica.
Nederl T Geneesk 113:1058-62, 14 Jun 69 **(Dut)**
ADULT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *OVARY, blood supply/ *URETERAL OBSTRUCTION, etiology/ *VEINS, abnormalities

2126. **Lubs HA:** A marker X chromosome.
Amer J Hum Genet 21:231-44, May 69
ADOLESCENCE/ ADULT/ CHILD, PRESCHOOL/ CHROMOSOME ABERRATIONS/ CHROMOSOME ABNORMALITIES/ FEMALE/ HETEROZYGOTE/ HUMAN/ INFANT/ KARYOTYPING/ LEUKOCYTES/ MALE/ MENTAL RETARDATION, familial & genetic/

METHODS/ MIDDLE AGE/ MITOSIS/ PEDIGREE/ RADIOAUTOGRAPHY/ *SEX CHROMOSOMES/ THYMIDINE/ TISSUE CULTURE/ TRITIUM

2127. **Lucchini CR:** L'assorbimento intestinale nel vecchio.
G Geront 15:903-15, Aug 67 (57 ref.) (Ita)
AGED/ CALCIUM, metabolism/ CARBOHYDRATES, metabolism/ HUMAN/ *INTESTINAL ABSORPTION/ *INTESTINE, SMALL, anatomy & histology/ *INTESTINE, SMALL, metabolism/ INTESTINE, SMALL, pathology/ IRON, metabolism/ LIPIDS, metabolism/ PHOSPHORUS, metabolism/ POTASSIUM, metabolism/ PROTEINS, metabolism/ REVIEW/ SODIUM, metabolism/ VITAMIN A, metabolism/ VITAMIN B 12, metabolism/ WATER, metabolism

2128. **Ludentsova SV:** Vliianie vyvedeniia pochki pod kozhu na gipotalamus.
Biull Eksp Biol Med 67:114-7, Apr 69 (Rus)
ANIMAL EXPERIMENTS/ *HYPOTHALAMUS, physiology/ *KIDNEY, transplantation/ MALE/ RATS/ TRANSPLANTATION, AUTOLOGOUS

2129. **Ludescher E, Hohenwallner W:** Der Einfluss von menschlichem Wachstumshormon auf die Glykolyse im menschlichen Erythrocyten in vitro.
Clin Chim Acta 24:423-30, Jun 69 (Ger)
ADENOSINE TRIPHOSPHATE, biosynthesis/ ENGLISH ABSTRACT/ *ERYTHROCYTES, metabolism/ GLUCOSE, metabolism/ *GLYCOLYSIS, drug effects/ HEXOSEPHOSPHATES, metabolism/ HUMAN/ IN VITRO/ LACTATE DEHYDROGENASE, pharmacodynamics/ LACTATES, biosynthesis/ PHOSPHOFRUCTOKINASE, antagonists & inhibitors/ PYRUVATE KINASE, pharmacodynamics/ PYRUVATES, biosynthesis/ *SOMATOTROPIN, pharmacodynamics

2130. **Ludin H:** Die aortographische Abklärung bei der renovaskulären Hypertension.
Radiol Clin (Basel) 37:219-28, 1968 (Ger)
ADENOMA, radiography/ ADOLESCENCE/ ADRENAL GLAND NEOPLASMS, complications/ ADRENAL GLAND NEOPLASMS, radiography/ ADULT/ AORTIC ANEURYSM, complications/ AORTIC ANEURYSM, radiography/ AORTIC COARCTATION, complications/ AORTIC COARCTATION, radiography/ AORTOGRAPHY/ ATROPHY/ COLLATERAL CIRCULATION/ DILATATION/ FEMALE/ HEMODYNAMICS/ HUMAN/ HYPERTENSION, RENAL, etiology/ *HYPERTENSION, RENAL, radiography/ *KIDNEY DISEASES, diagnosis/ KIDNEY NEOPLASMS, complications/ KIDNEY NEOPLASMS, radiography/ MALE/ MIDDLE AGE/ ORGAN WEIGHT/ PHEOCHROMOCYTOMA, radiography/ RENAL ARTERY OBSTRUCTION, complications/ RENAL ARTERY OBSTRUCTION, radiography

2131. **Ludin HP, Spiess J, Koenig MP:** Neuropathy and hyperthyroidism.
Electroenceph Clin Neurophysiol 27:107, Jul 69
ELECTROMYOGRAPHY/ HUMAN/ *HYPERTHYROIDISM, complications/ *MUSCULAR DISEASES, complications/ *NERVOUS SYSTEM DISEASES, complications

2132. **Lugaro G, Giannattasio G, Ciaccolini C, et al:** Biochemical study on the pituitary inhibition of gonadal origin. Experientia 25:147-8, 15 Feb 69
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, ION EXCHANGE/ DEAE-CELLULOSE/ FEEDBACK/ FEMALE/ ORGAN WEIGHT/ *OVARY, physiology/ PARABIOSIS/ PEPTIDES, pharmacodynamics/ *PITUITARY GLAND, physiology/ POLYNUCLEOTIDES, pharmacodynamics/ RATS

2133. **Lugtenburg J, Havinga E:** Studies on vitamin D and related compounds XX. The conformation of tachysterol; N. O. E. and 220 MHz N. M. R. Tetrahedron Lett 28:2391-4, Jun 69
CHEMISTRY/ NUCLEAR MAGNETIC RESONANCE/ *VITAMIN D

2134. **Lukács FV, Végh E, Bognár M, et al:** Uber die Wirkung der anabolen Steroidbehandlung auf die Entwicklung.
Acta Paediat Acad Sci Hung 9:337-53, 1968 (Ger)
ADOLESCENCE/ AGE FACTORS/ *ANABOLIC STEROIDS, pharmacodynamics/ BODY HEIGHT/ BODY WEIGHT/ BONE AND BONES, drug effects/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ *GROWTH, drug effects/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ *OSSIFICATION, PHYSIOLOGIC, drug effects

2135. **Lumbers ER, Skinner SL:** The occurrence and assay of renin in human urine.
Aust J Exp Biol Med Sci 47:251-62, Apr 69
ANGIOTENSIN/ ANIMAL EXPERIMENTS/ CHEMISTRY/ KININS/ LYSINE/ METHODS/ RATS/ RENIN, isolation & purification/ *RENIN, urine/ SHEEP

2136. **Lund JS, Feldt-Rasmussen M:** Accidental aspiration of talc. Report of a case in a two-year-old child.
Acta Paediat Scand 58:295-6, May 69
ADRENAL CORTEX HORMONES, therapeutic use/ ASPIRATION/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INTUBATION, INTRATRACHEAL/ LUNG, physiopathology/ OXYGEN INHALATION THERAPY/ PENICILLIN, therapeutic use/ POWDERS/ PREDNISONE, therapeutic use/ RESPIRATION, ARTIFICIAL/ RESPIRATORY INSUFFICIENCY/ *TALC, poisoning

2137. **Lundvall F, Stakemann G:** Abortudviklingen i Københavns kommune 1965-68.
Ugeskr Laeg 131:939-41, 22 May 69 (Dan)
*ABORTION, occurrence/ *ABORTION, CRIMINAL/ ADOLESCENCE/ ADULT/ BIRTH RATE/ *CONTRACEPTION/ CONTRACEPTIVES, ORAL/ DENMARK/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INTRAUTERINE DEVICES/ MIDDLE AGE/ PREGNANCY

2138. **Lunenfeld B, Eshkol A, Insler V, et al:** Metabolic disorders of the ovary.
Advances Metab Dis 3:153-207, 1968 (153 ref.)
AMENORRHEA, physiopathology/ ESTROGENS, biosynthesis/ FSH, physiology/ HUMAN/ LH, physiology/ MALE/ MENSTRUATION/ OVARIAN NEOPLASMS, physiopathology/ *OVARY, metabolism/ OVARY, physiopathology/ *OVARY, physiopathology/ PREGNANCY/ PROGESTERONE, biosynthesis/ *PUNCTURES/ REVIEW/ STEROIDS, biosynthesis

2139. **Lunenfeld B, Rabau E:** Recenti sviluppi nel trattamento dell'infertilità. Minerva Ginec 19:906-9, 30 Sep 67 (Ita)
ABORTION/ FEMALE/ *GONADOTROPINS, CHORIONIC, therapeutic use/ HUMAN/ MENSTRUATION DISORDERS, drug therapy/ *OVULATION, drug effects/ *PREGNANCY/ *STERILITY, FEMALE, drug therapy

2140. **Lungimayr G, Schwarzmeier J:** Morphologie und Adenosinphosphate bei experimenteller Nierenverkalkung.
Z Ges Exp Med 148:204-9, 1968 (Ger)
*ADENINE NUCLEOTIDES, analysis/ ADENOSINE TRIPHOSPHATE, analysis/ ANIMAL EXPERIMENTS/ DIHYDROTACHYSTEROL, adverse effects/ *KIDNEY, analysis/ MICROSCOPY, ELECTRON/ NEPHROCALCINOSIS, chemically induced/ *NEPHROCALCINOSIS, pathology/ RATS

2141. **Lungu A:** Interacţiunea dintre hormoni şi acizii nucleici. Stud Cercet Endocr 19:529-30, 1968 (Rum)
ANIMAL EXPERIMENTS/ *DNA, metabolism/ *HORMONES, pharmacodynamics/ IN VITRO/ LIVER, metabolism/ *RNA, biosynthesis

2142. **Luse SA:** Ultrastructural aspects of infections in the central nervous system.
Res Publ Ass Res Nerv Ment Dis 44:53-70, 1968 (14

ref.)
AXONS/ BLOOD-BRAIN BARRIER/ BLOOD VESSELS, pathology/ *CENTRAL NERVOUS SYSTEM DISEASES, pathology/ CEREBRAL CORTEX, pathology/ ENCEPHALOMYELITIS, pathology/ HYPOTHALAMUS, pathology/ INFECTION/ LEUKOCYTES/ MICROSCOPY, ELECTRON/ PHAGOCYTOSIS/ REVIEW/ SPINAL CORD, pathology

2143. **Lutherer LO, Fregly MJ, Anton AH:** An interrelationship between theophylline and catecholamines in the hypothyroid rat acutely exposed to cold. Fed Proc 28:1238-42, May-Jun 69
AMINES, pharmacodynamics/ ANIMAL EXPERIMENTS/ BODY TEMPERATURE REGULATION/ *CATECHOLAMINES, metabolism/ CATECHOLAMINES, urine/ *COLD/ ENVIRONMENTAL EXPOSURE/ HYPOTHYROIDISM, chemically induced/ *HYPOTHYROIDISM, metabolism/ MALE/ RATS/ *THEOPHYLLINE, pharmacodynamics/ THYROID ANTAGONISTS, pharmacodynamics/ THYROXINE, pharmacodynamics/ TRIAZOLES, pharmacodynamics

2144. **Lutomirsky C:** Pathophysiologische Mechanismen bei der Hypotonie endokriner Störungen. Praxis 58:791-801, 24 Jun 69 (Ger)
ADRENAL CORTEX HORMONES, physiology/ ADULT/ CATECHOLAMINES, physiology/ *ENDOCRINE DISEASES, complications/ HUMAN/ *HYPOTENSION, physiopathology/ MIDDLE AGE/ PARATHYROID HORMONE, physiology/ THYROXINE, physiology/ VASOPRESSIN, physiology

2145. **Luton JP:** Les insuffisances thyroïdiennes dépassées. Presse Med 77:1105-6, 25 Jun 69 (Fre)
AGED/ ANURIA/ COMA, etiology/ CORTISONE, administration & dosage/ FEMALE/ HEATING/ HEMORRHAGE, diagnosis/ HUMAN/ HYPOGLYCEMIA, etiology/ HYPOPITUITARISM/ HYPOTHERMIA, diagnosis/ *HYPOTHYROIDISM/ HYPOTHYROIDISM, diagnosis/ HYPOTHYROIDISM, etiology/ HYPOTHYROIDISM, therapy/ INJECTIONS, INTRAVENOUS/ MALE/ MIDDLE AGE/ *MYXEDEMA/ MYXEDEMA, complications/ OXYGEN INHALATION THERAPY/ PROTEIN-BOUND IODINE TEST/ RESPIRATORY INSUFFICIENCY, diagnosis/ THYROID HORMONES, blood/ THYROXINE, administration & dosage/ TISSUE EXTRACTS, administration & dosage/ TRIIODOTHYRONINE, administration & dosage

2146. **Luton JP, Saltiel H:** L'insuffisance surrénale aiguë. Presse Med 77:1104, 25 Jun 69 (Fre)
ACUTE DISEASE/ ADDISON'S DISEASE, complications/ *ADRENAL GLAND HYPOFUNCTION/ ADRENAL GLAND HYPOFUNCTION, drug therapy/ ADRENAL GLAND HYPOFUNCTION, etiology/ ADRENALECTOMY, adverse effects/ CORTICOSTERONE, administration & dosage/ CORTISONE, administration & dosage/ GLUCOSE, administration & dosage/ HEMATOCRIT/ HEMATOMA/ HUMAN/ HYDROCORTISONE, administration & dosage/ HYPERKALEMIA, diagnosis/ HYPERPLASIA/ HYPOGLYCEMIA, diagnosis/ HYPONATREMIA, diagnosis/ INFANT, NEWBORN/ INJECTIONS, INTRAMUSCULAR/ INJECTIONS, INTRAVENOUS/ SODIUM CHLORIDE, administration & dosage/ WATERHOUSE-FRIDERICHSEN SYNDROME, complications

2147. **Lutwak L:** Tracer studies of intestinal calcium absorption in man. Amer J Clin Nutr 22:771-85, Jun 69
ADULT/ AGE FACTORS/ AGED/ BODY WEIGHT/ CALCIUM, administration & dosage/ *CALCIUM, metabolism/ CALCIUM, urine/ *CALCIUM, DIETARY/ CALCIUM ISOTOPES/ *CUSHING'S SYNDROME, metabolism/ FECES, analysis/ FEMALE/ HUMAN/ *HYPERPARATHYROIDISM, metabolism/ *HYPOPARATHYROIDISM, metabolism/ INJECTIONS, INTRAVENOUS/ *INTESTINAL ABSORPTION/ *MALABSORPTION SYNDROMES, metabolism/ MALE/ MIDDLE AGE/ *MYOSITIS OSSIFICANS, metabolism/ *OSTEITIS DEFORMANS, metabolism/ *OSTEOPOROSIS, metabolism/ SEX FACTORS/ STATISTICS/ TIME FACTORS

2148. **Lutwak-Mann C, Hay MF, New DA:** Action of various agents on rabbit blastocysts in vivo and in vitro. J Reprod Fertil 18:235-57, Mar 69
AMINOPTERIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANOXIA/ ANTIMETABOLITES, pharmacodynamics/ CHLOROMERCURIBENZOATES, pharmacodynamics/ COLCHICINE, pharmacodynamics/ DNA, pharmacodynamics/ ENZYMES, antagonists & inhibitors/ ESTRIOL, pharmacodynamics/ FEMALE/ GALACTOSE, pharmacodynamics/ GLYCERALDEHYDE, pharmacodynamics/ HEXOSEPHOSPHATES, pharmacodynamics/ HORMONES, pharmacodynamics/ IN VITRO/ MITOSIS, drug effects/ *OVUM, drug effects/ PENTOSES, pharmacodynamics/ RABBITS/ SALICYLATES, pharmacodynamics/ SOMATOTROPIN, pharmacodynamics

2149. **Lynch HT:** Genetic factors in carcinoma. Med Clin N Amer 53:923-39, Jul 69 (75 ref.)
ADRENAL GLAND NEOPLASMS, familial & genetic/ AGE FACTORS/ CARCINOMA, BASAL CELL, familial & genetic/ CYTOGENETICS/ FEMALE/ *GENETICS, HUMAN/ HUMAN/ LIVER NEOPLASMS, familial & genetic/ MALE/ MELANOMA, familial & genetic/ *NEOPLASMS, familial & genetic/ NEOPLASMS, occurrence/ NEPHROBLASTOMA, familial & genetic/ NEUROBLASTOMA, familial & genetic/ NEUROFIBROMATOSIS, familial & genetic/ REVIEW/ SKIN NEOPLASMS, familial & genetic/ XERODERMA PIGMENTOSUM, familial & genetic

2150. **Lynch PR, Harrington GJ, Michie C:** Cardiovascular reflexes associated with cerebral angiography. Invest Radiol 4:156-60, May-Jun 69
ANIMAL EXPERIMENTS/ BRADYCARDIA/ CAROTID ARTERIES/ CATHETERIZATION/ *CEREBRAL ANGIOGRAPHY/ CONTRAST MEDIA, pharmacodynamics/ DOGS/ *HEART RATE/ HEART RATE, drug effects/ HYPERTONIC SOLUTIONS, pharmacodynamics/ INJECTIONS, INTRA-ARTERIAL/ RECEPTORS, NEURAL/ *REFLEX/ SODIUM CHLORIDE, pharmacodynamics/ THYROID GLAND, blood supply

M

2151. **McCarthy C, Varghese PJ, Barritt DW:** Prognosis of atrial arrhythmias treated by electrical counter shock therapy. A three-year follow-up. Brit Heart J 31:496-500, Jul 69
ADULT/ AGED/ AORTIC VALVE, surgery/ AURICULAR FIBRILLATION, complications/ AURICULAR FIBRILLATION, etiology/ *AURICULAR FIBRILLATION, therapy/ *ELECTRIC COUNTERSHOCK/ ELECTRIC COUNTERSHOCK, adverse effects/ FEMALE/ FOLLOW-UP STUDIES/ HEART SEPTAL DEFECTS, ATRIAL, surgery/ HUMAN/ HYPERTHYROIDISM, complications/ INFANT/ MALE/ MIDDLE AGE/ MITRAL VALVE STENOSIS, surgery/ MYOCARDIAL DISEASES, PRIMARY, complications/ POSTOPERATIVE COMPLICATIONS/ PROGNOSIS/ PULMONARY HEART DISEASE, complications

2152. **McCormick JR, Sonksen PH, Soeldner JS, et al:** Renal handling of insulin and growth hormone in hemorrhagic shock. Surgery 66:175-80, Jul 69
ANIMAL EXPERIMENTS/ DOGS/ INSULIN, blood/ *INSULIN, metabolism/ *KIDNEY, metabolism/ *SHOCK, HEMORRHAGIC, metabolism/ SOMATOTROPIN, blood/ *SOMATOTROPIN, metabolism

2153. **McCraw EF, Wagle SR, Patterson C, et al:** Cortisol

induction of lipolysis in adrenalectomized diabetic rats. Life Sci 8:505-9, 15 May 69
ADIPOSE TISSUE, metabolism/ *ADRENALECTOMY/ *ALLOXAN DIABETES, metabolism/ ANIMAL EXPERIMENTS/ CYCLOHEXIMIDE, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ FATTY ACIDS, NONESTERIFIED, biosynthesis/ FATTY ACIDS, NONESTERIFIED, blood/ GLYCERIN, biosynthesis/ HYDROCORTISONE, antagonists & inhibitors/ *HYDROCORTISONE, pharmacodynamics/ HYPERGLYCEMIA, chemically induced/ IN VITRO/ *LIPIDS, metabolism/ PUROMYCIN, pharmacodynamics/ RATS

2154. **McCrum WR, Lee RM, Van den Ende H, et al:** Studies of the electrical parameters and behavioral effects of an EEG "seizure discharge".
Henry Ford Hosp Med J 17:77-88, Summer 69
AMYGDALOID BODY, physiology/ ANIMAL EXPERIMENTS/ *CONDITIONING, OPERANT/ *CONVULSIONS/ ELECTRODES/ *ELECTROENCEPHALOGRAPHY/ ELECTROPHYSIOLOGY/ MONKEYS

2155. **McDonald DM, Seiki K, Prizant M, et al:** Ovarian secretion of progesterone in relation to the Golgi apparatus in lutein cells during the estrous cycle of the rat. Endocrinology 85:236-43, Aug 69
ANIMAL EXPERIMENTS/ CORPUS LUTEUM, cytology/ *CORPUS LUTEUM, secretion/ ESTRUS/ FEMALE/ *GOLGI APPARATUS/ OVARY, blood supply/ PROGESTERONE, blood/ *PROGESTERONE, secretion/ RATS/ SECRETORY RATE/ VAGINAL SMEARS/ VEINS

2156. **McDonald FD, Thiel G, Wilson DR, et al:** The prevention of acute renal failure in the rat by long-term saline loading: a possible role of the renin-angiotensin axis.
Proc Soc Exp Biol Med 131:610-4, Jun 69
*ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD VOLUME/ FEMALE/ GLOMERULAR FILTRATION RATE/ GLYCERIN/ *KIDNEY, physiology/ KIDNEY FAILURE, ACUTE, chemically induced/ *KIDNEY FAILURE, ACUTE, prevention & control/ METHODS/ POTASSIUM, blood/ POTASSIUM, urine/ RATS/ *RENIN, pharmacodynamics/ SODIUM, blood/ SODIUM, urine/ *SODIUM CHLORIDE, pharmacodynamics

2157. **Macdonald GJ:** Ovarian function and progestin content in response to gonadotrophins.
J Reprod Fertil 19:299-308, Jul 69
ANIMAL EXPERIMENTS/ CHOLESTEROL, analysis/ ESTROGENS, secretion/ ESTRUS/ FEMALE/ HYPOPHYSECTOMY/ *LH, pharmacodynamics/ OVARY, analysis/ OVARY, drug effects/ PREGNANES, analysis/ *PROGESTERONE, analysis/ *PROLACTIN, pharmacodynamics/ RATS/ STEROLS, analysis/ UTERUS, physiology/ VAGINAL SMEARS

2158. **Macdonald GJ, Greep RO:** Prolactin-induced morphological luteal regression unaffected by LH.
Proc Soc Exp Biol Med 131:905-7, Jul 69
ANIMAL EXPERIMENTS/ CORPUS LUTEUM, drug effects/ *CORPUS LUTEUM, physiology/ FEMALE/ HYPOPHYSECTOMY/ *LH, pharmacodynamics/ ORGAN WEIGHT/ OVARY, anatomy & histology/ *PROLACTIN, pharmacodynamics/ RATS

2159. **McDonough PG:** Office approach to the management of primary amenorrhea. Southern Med J 62:659-64, Jun 69
ADOLESCENCE/ *AMENORRHEA, diagnosis/ AMENORRHEA, etiology/ FEMALE/ HUMAN/ KARYOTYPING/ MENSTRUATION/ PUBERTY/ SEX CHROMATIN

2160. **Macdougald TJ:** Problems of low tension glaucoma.
Trans Ophthal Soc UK 87:873-92, 1967
ADULT/ AGED/ FEMALE/ GLAUCOMA, chemically induced/ GLAUCOMA, diagnosis/ *GLAUCOMA, occurrence/ GLAUCOMA, prevention & control/ GLAUCOMA, therapy/ GLUCOCORTICOIDS, adverse effects/ HUMAN/ *INTRAOCULAR PRESSURE/ MALE/ MIDDLE AGE/ NICOTINIC ACID, therapeutic use/ TONOMETRY

2161. **McGeer EG, Wada JA, Terao A, et al:** Amine synthesis in various brain regions with caudate or septal lesions.
Exp Neurol 24:277-84, Jun 69
*ACYLTRANSFERASES, metabolism/ AMYGDALOID BODY, enzymology/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ *BRAIN INJURY, ACUTE, enzymology/ CATS/ CAUDATE NUCLEUS, enzymology/ CAUDATE NUCLEUS, pathology/ ELECTROCOAGULATION/ ELECTROENCEPHALOGRAPHY/ HIPPOCAMPUS, enzymology/ *HYDROXYLASES, metabolism/ MESENCEPHALON, enzymology/ PONS, enzymology/ STEREOTAXIC TECHNICS/ *SUCCINATE DEHYDROGENASE, metabolism/ TRYPTAMINES, metabolism/ TYROSINE, metabolism

2162. **McGinty DJ:** Somnolence, recovery and hyposomnia following ventro-medial diencephalic lesions in the rat. Electroenceph Clin Neurophysiol 26:70-9, Jan 69
ANIMAL EXPERIMENTS/ AROUSAL/ *ELECTROENCEPHALOGRAPHY/ *HYPOTHALAMUS, physiology/ MALE/ RATS/ *RETICULAR FORMATION, physiology/ *SLEEP/ SLEEP DISORDERS, etiology/ SLEEP DISORDERS, physiopathology/ SLEEP, REM/ SLEEP STAGES/ SOMNAMBULISM, etiology/ SOMNAMBULISM, physiopathology/ TIME FACTORS/ WAKEFULNESS

2163. **McGrath P:** Prolactin activity and human growth hormone in pharyngeal hypophyses from embalmed cadavers. J Endocr 42:205-12, Oct 68
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CADAVER/ *EMBALMING/ FEMALE/ HUMAN/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ MALE/ PHARYNX/ PIGEONS/ *PITUITARY GLAND, analysis/ *PROLACTIN, analysis/ RADIOIMMUNOASSAY/ *SOMATOTROPIN, analysis

2164. **MacGregor AB, Macleod DA, Thomson JW:** Combined chemotherapy in the treatment of malignant effusions. Brit J Surg 56:489-91, Jul 69
ALKYLATING AGENTS, administration & dosage/ ALKYLATING AGENTS, therapeutic use/ ANTINEOPLASTIC AGENTS, therapeutic use/ *ASCITES, drug therapy/ ASCITIC FLUID/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BODY WEIGHT/ BREAST NEOPLASMS, complications/ COLCHICINE, therapeutic use/ CYCLOPHOSPHAMIDE, adverse effects/ FEMALE/ HUMAN/ *NEOPLASMS, complications/ OVARIAN NEOPLASMS, complications/ *PLEURAL EFFUSION, drug therapy/ THIO-TEPA, therapeutic use

2165. **MacGregor RR, Sheagren JN, Lipsett MB, et al:** Alternate-day prednisone therapy. Evaluation of delayed hypersensitivity responses, control of disease and steroid side effects.
New Eng J Med 280:1427-31, 26 Jun 69
ADOLESCENCE/ ADRENAL GLANDS, drug effects/ ADULT/ AGED/ ANTIBODY FORMATION, drug effects/ CORTICOTROPIN, diagnostic use/ FEMALE/ HISTOPLASMIN/ HUMAN/ HYDROCORTISONE, blood/ *HYPERSENSITIVITY, DELAYED/ *IMMUNITY, drug effects/ INFLAMMATION, drug therapy/ MALE/ MUMPS VIRUS, immunology/ NITROBENZENES/ PITUITARY GLAND/ *PREDNISONE, administration & dosage/ PREDNISONE, adverse effects/ PREDNISONE, pharmacodynamics/ SKIN TESTS/ TUBERCULIN

2166. **McGuinness AE, Joasoo A:** Recovery from aplastic anemia associated with infectious hepatitis.
Med J Aust 1:1090-2, 24 May 69 (15 ref.)
ADULT/ *ANEMIA, APLASTIC, complications/ ANEMIA, APLASTIC, drug therapy/ BLOOD

CELL COUNT/ BLOOD PLATELETS/ CHILD/ HEMATOCRIT/ *HEPATITIS, INFECTIOUS, complications/ HEPATITIS, INFECTIOUS, drug therapy/ HUMAN/ LEUKOCYTE COUNT/ LIVER, pathology/ MALE/ PREDNISONE, therapeutic use/ REVIEW/ TESTOSTERONE, therapeutic use

2167. **McGrire JL, Lisk RD**: Localization of estrogen receptors in the rat hypothalamus. Neuroendocrinology 4:289-95, 1969
ANIMAL EXPERIMENTS/ CASTRATION/ ESTRADIOL, metabolism/ *ESTROGENS, physiology/ FEMALE/ *HYPOTHALAMUS, anatomy & histology/ HYPOTHALAMUS, physiology/ MALE/ RATS/ *RECEPTORS, DRUG/ TRITIUM

2168. **Macintosh AM**: Psychiatric aspects of oral contraceptives. Med J Aust 1:1107, 24 May 69
*CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ METABOLISM, drug effects/ PSYCHOLOGY

2169. **McIntyre DI**: Child health care. 4. Foot development. Appl Ther 11:281-2, May 69
*BONE AND BONES, growth & development/ *FOOT, growth & development/ HUMAN

2170. **Mack WS**: Maldescended testicles. Practitioner 202:665, May 69
ADULT/ CRYPTORCHISM, complications/ *CRYPTORCHISM, surgery/ HUMAN/ MALE/ *STERILITY, MALE, etiology

2171. **McKenzie IF, Kincaid-Smith P**: Foam cells in the renal glomerulus. J Path 97:151-4, Jan 69
ADULT/ ANDROSTERONE, therapeutic use/ ANTICHOLESTEREMIC AGENTS, therapeutic use/ BIOPSY/ BUTYRATES, therapeutic use/ FEMALE/ GLOMERULONEPHRITIS, pathology/ HUMAN/ *HYPERLIPEMIA, complications/ HYPERLIPEMIA, pathology/ KIDNEY DISEASES, etiology/ *KIDNEY GLOMERULUS, pathology/ LIPIDS, analysis/ MALE/ MIDDLE AGE

2172. **McKerron CG, Scott RL, Asper SP, et al**: Effects of clofibrate (Atromid S) on the thyroxine-binding capacity of thyroxine-binding globulin and free thyroxine. J Clin Endocr 29:957-61, Jul 69
ADULT/ *ANTICHOLESTEREMIC AGENTS, pharmacodynamics/ ANTILIPEMIC AGENTS, pharmacodynamics/ BLOOD PROTEIN DISORDERS/ *BUTYRATES, pharmacodynamics/ CLINICAL RESEARCH/ FEMALE/ HUMAN/ IODINE, blood/ LIPIDS, blood/ LIPOPROTEINS, blood/ MALE/ PLACEBOS/ PROTEIN BINDING/ *THYROXINE, blood/ *THYROXINE-BINDING PROTEIN

2173. **McKiel CF Jr**: Surgery of testicular tumors. Surg Clin N Amer 49:99-103, Feb 69
ADULT/ *DISGERMINOMA, surgery/ HUMAN/ MALE/ NEOPLASM METASTASIS/ PALLIATIVE TREATMENT/ PERITONEAL CAVITY/ *TERATOID TUMOR, surgery/ TESTICULAR NEOPLASMS, diagnosis/ *TESTICULAR NEOPLASMS, surgery

2174. **McKinney RM, Churchill FC 2d, Spillane JT, et al**: Characterization of fluorescein isothiocyanate dyes by infrared and thin-layer chromatography methods. Anal Biochem 29:526-32, Jun 69
CHROMATOGRAPHY, THIN LAYER/ DRUG ADULTERATION/ *DYES, analysis/ *FLUORESCEINS, analysis/ INFRARED RAYS/ METHODS/ SPECTRUM ANALYSIS/ *THIOCYANATES, analysis

2175. **Mackowski A, Zielina J**: Torebka gruczolaka lub torbieli wola guzowatego i zawarte w niej naczynia. Pol Przegl Chir 41:218-23, Mar 69 (Pol)
*CAPILLARIES, pathology/ *CYSTADENOMA, PAPILLARY, pathology/ *GOITER, pathology/ HUMAN/ THYROID GLAND, blood supply/ *THYROID NEOPLASMS, pathology

2176. **McLarty DG, Alexander WD, Harden RM, et al**: Results of treatment of thyrotoxicosis following relapse after antithyroid drug therapy. Brit Med J 3:203-5, 26 Jul 69
ADOLESCENCE/ ADULT/ AGED/ CHILD/ FEMALE/ HUMAN/ HYPERTHYROIDISM, drug therapy/ HYPERTHYROIDISM, radiotherapy/ HYPERTHYROIDISM, surgery/ *HYPERTHYROIDISM, therapy/ HYPOTHYROIDISM, etiology/ IODINE ISOTOPES, therapeutic use/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS/ RADIOTHERAPY, adverse effects/ *THYROID ANTAGONISTS, therapeutic use

2177. **McLarty DG, Alexander WD, Harden RM, et al**: Results of treatment of thyrotoxicosis after postoperative relapse. Brit Med J 3:200-3, 26 Jul 69
ADULT/ AGED/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ HYPERTHYROIDISM, drug therapy/ HYPERTHYROIDISM, radiotherapy/ HYPERTHYROIDISM, surgery/ *HYPERTHYROIDISM, therapy/ HYPOTHYROIDISM, etiology/ IODINE ISOTOPES, administration & dosage/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS/ RADIOTHERAPY, adverse effects/ *THYROID ANTAGONISTS, therapeutic use/ THYROID GLAND FUNCTION TESTS/ THYROIDECTOMY

2178. **McLean FW, Heine MW, Held B, et al**: Relationship between the oral contraceptive and folic acid metabolism. Serum folate concentrations. Amer J Obstet Gynec 104:745-7, 1 Jul 69
CLINICAL RESEARCH/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ ETHYNODIOL DIACETATE, administration & dosage/ FEMALE/ FOLIC ACID, blood/ *FOLIC ACID, metabolism/ FOLIC ACID DEFICIENCY, chemically induced/ HUMAN/ MESTRANOL, administration & dosage/ NORETHINDRONE, administration & dosage/ TIME FACTORS

2179. **Macleod J**: Further observations on the role of varicocele in human male infertility. Fertil Steril 20:545-63, Jul-Aug 69
ADULT/ FEMALE/ HUMAN/ MALE/ MOVEMENT/ PREGNANCY/ SPERMATOZOA/ *STERILITY, MALE, etiology/ STERILITY, MALE, pathology/ STERILITY, MALE, surgery/ *TESTICULAR DISEASES, complications/ TESTICULAR DISEASES, surgery/ TESTIS, blood supply/ *VARICOCELE, complications/ VARICOCELE, pathology/ VARICOCELE, surgery/ VEINS, surgery

2180. **Macmillan KL, Desjardins C, Kirton KT, et al**: Seminal composition and sexual activity after castration and testosterone replacement in rabbits. Proc Soc Exp Biol Med 131:673-7, Jun 69
ANIMAL EXPERIMENTS/ CASTRATION/ FRUCTOSE, analysis/ MALE/ RABBITS/ *SEMEN, analysis/ *SEX BEHAVIOR, ANIMAL, drug effects/ *TESTIS, physiology/ *TESTOSTERONE, pharmacodynamics

2181. **McNamara JJ, Lamborn PJ, Mills D, et al**: Effect of short-term pharmacologic doses of adrenocorticosteroid therapy on wound healing. Ann Surg 170:199-202, Aug 69
ANIMAL EXPERIMENTS/ DEXAMETHASONE, administration & dosage/ *DEXAMETHASONE, pharmacodynamics/ RATS/ *WOUND HEALING, drug effects

2182. **McNeils FL, Pai VT**: Malignant lymphoma of head and neck. Laryngoscope 79:1076-86, Jun 69
CHEEK/ *HEAD/ HODGKIN'S DISEASE, pathology/ HUMAN/ INFECTIOUS MONONUCLEOSIS, complications/ LYMPHOMA, classification/ LYMPHOMA, complications/ LYMPHOMA, immunology/ LYMPHOMA, mortality/ *LYMPHOMA, pathology/ LYMPHOMA, radiography/ LYMPHOMA, radiotherapy/ LYMPHOMA, GIANT FOLLICULAR, pathology/ LYMPHOSARCOMA, pathology/ MAXILLARY NEOPLASMS, pathology/ *NECK NEOPLASMS, pathology/ NOSE NEOPLASMS, pathology/ ONCOGENIC VIRUSES/ ORBITAL

NEOPLASMS, pathology/ PALATAL NEOPLASMS, pathology/ PAROTID NEOPLASMS, pathology/ SARCOMA, RETICULUM CELL, pathology/ SCALP/ THYROID NEOPLASMS, pathology

2183. **Madan BR, Bal MS, Santani DD, et al:** Effect of beta-alanine and L-histidine on immune response.
Jap J Pharmacol 19:180-2, Mar 69
AGGLUTINATION TESTS/ *ALANINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ *ANTIBODY FORMATION, drug effects/ FEMALE/ *HISTIDINE, pharmacodynamics/ MALE/ RABBITS/ THYROID HORMONES

2184. **Madjerek ZS:** Some histochemical aspects of the development of traumatic deciduoma in spayed mice.
J Endocr 43:xxxi-xxxii, Jan 69
ALKALINE PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ CASTRATION/ *DECIDUA, analysis/ FEMALE/ GLYCOGEN, analysis/ HISTOCYTOCHEMISTRY/ MICE/ MUCOPOLYSACCHARIDES, analysis/ PROGESTERONE, pharmacodynamics/ UTERINE NEOPLASMS, enzymology/ *UTERINE NEOPLASMS, metabolism/ UTERINE NEOPLASMS, pathology/ UTERUS, drug effects/ *UTERUS, injuries/ UTERUS, pathology

2185. **Maekawa K, Fukuda Y, Tomimatsu K:** [Interaction between estrogen and progestogen in a vaginal smear of ovariectomized and partially hepatectomized rats]
J Tokyo Med Coll 27:69-75, Jan 69 **(Jap)**
ANIMAL EXPERIMENTS/ *CASTRATION/ *ESTROGENS, pharmacodynamics/ FEMALE/ HEPATECTOMY/ *LIVER, drug effects/ ORGAN WEIGHT/ PROGESTERONE, antagonists & inhibitors/ *PROGESTERONE, pharmacodynamics/ RATS/ *VAGINAL SMEARS

2186. **Maggi CM, Raffaelli R:** Valutazione comparativa di trattamenti endodontici enzimatici a mezzo di controlli batteriologici.
Mondo Odontostomat 11:194-9, Mar-Apr 69 **(Ita)**
ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ ANTIBIOTICS, therapeutic use/ BACTERIOLOGICAL TECHNICS/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ HUMAN/ MIDDLE AGE/ *PEPTIDE HYDROLASES, therapeutic use/ *ROOT CANAL THERAPY

2187. **Magliulo S:** Tecoma ed adenocarcinoma dell'endometrio. (Osservazioni anatomo-cliniche su di un caso) Rass Int Clin Ter 49:483-90, 30 Apr 69 **(Ita)**
*ADENOCARCINOMA, complications/ ENDOMETRIUM/ FEMALE/ HUMAN/ MIDDLE AGE/ *OVARIAN NEOPLASMS, complications/ *THECA CELL TUMOR, complications/ *UTERINE NEOPLASMS, complications

2188. **Magrassi F:** Medical education in Italy.
Brit Med J 2:685-7, 14 Jun 69
*EDUCATION, MEDICAL/ EDUCATIONAL MEASUREMENT/ ENDOCRINOLOGY, education/ INTERNAL MEDICINE, education/ ITALY/ METABOLIC DISEASES/ OPHTHALMOLOGY, education/ RESEARCH/ *SCHOOLS, MEDICAL/ SPECIALISM/ SPECIALTIES, MEDICAL

2189. **Mahaux JE, Chamla-Soumenkof J, Nagel M, et al:** Evolution de la captation eodée, du PBI-131, PBI-127 et des symptômes cliniques lors de l'administration de triiodothyronine à des hyperthyroïdienne diffuse. Rôle de l'appareil lymphoïde et du LATS dans l'effet de stimulation basedowienne.
Ann Endocr (Paris) 29:483-95, Jul-Aug 68 **(Fre)**
AGED/ *BLOOD PROTEINS/ GOITER, EXOPHTHALMIC, etiology/ *GOITER, EXOPHTHALMIC, physiopathology/ HUMAN/ IMIDAZOLES, therapeutic use/ *IODINE, blood/ IODINE, metabolism/ IODINE ISOTOPES, DIAGNOSTIC/ LONG-ACTING THYROID STIMULATOR, physiology/ LYMPHATIC SYSTEM, immunology/ METHIMAZOLE, therapeutic use/ MIDDLE AGE/ PROTEIN BINDING/ RADIOISOTOPE SCANNING/ THYROID GLAND FUNCTION TESTS/ *TRIIODOTHYRONINE, diagnostic use

2190. **Mahesh VB, Pria SD, Greenblatt RB:** Abnormal lactation with Cushing's syndrome--a case report.
J Clin Endocr 29:978-81, Jul 69
ADULT/ ANDROSTERONE, urine/ CASE REPORT/ CHEMISTRY, CLINICAL/ *CHIARI-FROMMEL SYNDROME, complications/ *CUSHING'S SYNDROME, complications/ DEHYDROEPIANDROSTERONE, urine/ DEXAMETHASONE, diagnostic use/ ETIOCHOLANOLONE, urine/ FEMALE/ HUMAN/ HYDROCORTISONE, blood/ HYDROCORTISONE, secretion/ 17-KETOSTEROIDS, urine/ SECRETORY RATE/ TRITIUM

2191. **Mahesh VG, McDonough PG:** Urinary steroid excretion in a hirsute patient with ovarian cortical stromal hyperplasia and endometrial carcinoma.
Amer J Obstet Gynec 104:602-3, 15 Jun 69
ADRENAL CORTEX HORMONES, urine/ ADULT/ *ANDROGENS, urine/ ANDROSTERONE, urine/ CASE REPORT/ DEHYDROEPIANDROSTERONE, urine/ DEXAMETHASONE, diagnostic use/ ESTRADIOL, urine/ ESTRIOL, urine/ *ESTROGENS, urine/ ESTRONE, urine/ ETIOCHOLANOLONE, urine/ FEMALE/ *HIRSUTISM, urine/ HUMAN/ HYPERPLASIA, urine/ *OVARIAN DISEASES, urine/ *STEROIDS, urine/ *UTERINE NEOPLASMS, urine

2192. **Mahon R, Dubecq JP:** La maladie trophoblastique et son traitement. Maroc Med 49:26-30, Jan 69 **(Fre)**
ADULT/ FEMALE/ HUMAN/ PREGNANCY/ *TROPHOBLASTIC TUMOR/ *UTERINE NEOPLASMS

2193. **Maier C:** Die Behandlung der hämolytischen Anämien.
Ther Umsch 25:438-42, Aug 68 **(Ger)**
ANEMIA, HEMOLYTIC, therapy/ *ANEMIA, HEMOLYTIC, therapy/ BLOOD TRANSFUSION/ HUMAN/ *SPLENECTOMY/ STEROIDS, therapeutic use

2194. **Maillard JM:** Du traitement des pleurésies.
Ther Umsch 25:604-10, Nov 68 **(Fre)**
*ANTITUBERCULAR AGENTS, therapeutic use/ EMPYEMA, surgery/ *EMPYEMA, therapy/ *EMPYEMA, TUBERCULOUS, drug therapy/ EMPYEMA, TUBERCULOUS, occurrence/ EMPYEMA, TUBERCULOUS, surgery/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ *PLEURAL EFFUSION, etiology/ PLEURAL EFFUSION, surgery/ *PLEURISY, etiology

2195. **Mallie HD, Quinlan WJ Jr, Mermagen H, et al:** The effects of whole- or partial-body 1000 kVp x-irradiation on the bone marrow of the dog. II. Preliminary 59Fe uptake measurements.
Health Phys 16:345-8, Mar 69
ANIMAL EXPERIMENTS/ *BONE AND BONES, metabolism/ *BONE MARROW, radiation effects/ CITRATES, metabolism/ DOGS/ HEMATOPOIESIS/ IRON ISOTOPES, metabolism/ *RADIATION EFFECTS/ RADIOMETRY

2196. **Mainardi L, Magni LA, Careddu P:** Eliminazione urinaria di chinurenina e di altri metaboliti del triptofano prima e dopo somministrazione di prednisolone nel neonato.
Acta Vitamin (Milano) 22:81-4, 1968 **(Ita)**
ENGLISH ABSTRACT/ HUMAN/ *INFANT, NEWBORN/ INJECTIONS, INTRAMUSCULAR/ *KIDNEY, metabolism/ KYNURENINE, metabolism/ *KYNURENINE, urine/ MALE/ *PREDNISOLONE, pharmacodynamics/ TRYPTOPHAN, metabolism/ *TRYPTOPHAN, urine

2197. **Mainwaring WI:** Binding of [3H] testosterone in the nuclei of androgen-dependent tissues.
J Endocr 43:37-8, Jan 69

ANIMAL EXPERIMENTS/ BINDING SITES/ CASTRATION/ CELL NUCLEUS, analysis/ *CELL NUCLEUS, metabolism/ MALE/ NUCLEOPROTEINS, analysis/ PROSTATE, analysis/ *PROSTATE, metabolism/ RATS/ *TESTOSTERONE, metabolism/ TRITIUM

2198. **Maisey MN, Lessof MH:** Thyroid function in Addison's disease. Brit Med J 3:392-3, 16 Aug 69
ADDISON'S DISEASE, complications/ ADDISON'S DISEASE, immunology/ *ADDISON'S DISEASE, physiopathology/ ADOLESCENCE/ ADULT/ AUTOANTIBODIES, analysis/ FEMALE/ HUMAN/ MALE/ MICROSOMES, immunology/ MIDDLE AGE/ THYROID DISEASES, complications/ THYROID DISEASES, diagnosis/ THYROID GLAND, immunology/ *THYROID GLAND, physiopathology/ THYROID GLAND FUNCTION TESTS/ THYROTROPIN, diagnostic use

2199. **Maiss HJ:** Praktische Erfahrungen mit rektalen Prednison-Gaben bei Erwachsenen und Kindern. Med Welt 12:774-7, 23 Mar 68 **(Ger)**
ADULT/ CHILD/ HUMAN/ *PREDNISONE, administration & dosage/ SUPPOSITORIES

2200. **Májský A, Jakoubková J, Zavadil M:** Immunological studies of choriocarcinoma. IV. The antigenicity of trophoblast. Neoplasma (Bratisl) 16:63-9, 1969
ADULT/ AGGLUTINATION TESTS/ *ANTIGENS/ *BLOOD PLATELETS, immunology/ *CHORIOCARCINOMA, immunology/ COMPLEMENT FIXATION TESTS/ FEMALE/ HUMAN/ HYDATIDIFORM MOLE, immunology/ KIDNEY, immunology/ MALE/ METHODS/ NEUTRALIZATION TESTS/ PLACENTA, immunology/ PREGNANCY/ RABBITS/ SPERMATOZOA, immunology/ *TROPHOBLAST, immunology/ TROPHOBLASTIC TUMOR, immunology

2201. **Makara GB, Stark E, Palkovits M, et al:** Afferent pathways of stressful stimuli: corticotropin release after partial deafferentation of the medial basal hypothalamus. J Endocr 44:187-93, Jun 69
ADRENALECTOMY/ ALKALOIDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ CORTICOSTERONE, blood/ *CORTICOTROPIN, secretion/ FEMALE/ FORMALDEHYDE, pharmacodynamics/ HISTAMINE, pharmacodynamics/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ *HYPOTHALAMUS, physiology/ LIPOPOLYSACCHARIDES, pharmacodynamics/ MALE/ NEURONS, AFFERENT, physiology/ NOISE/ RATS/ *STRESS/ VIBRATION

2202. **Makhmudov ES, Khodzhimatov VA:** Gipotalamicheskaia neirosekretsiia pri povtornykh vozdeistviiakh vysokoi temperatury okruzhaiushcheĭ sredy. Fiziol Zh SSSR Sechenov 54:421-5, Apr 68 **(Rus)**
ADAPTATION, PHYSIOLOGICAL/ ANIMAL EXPERIMENTS/ DOGS/ ENGLISH ABSTRACT/ *HYPOTHALAMUS, physiology/ *NEUROSECRETION/ *TEMPERATURE

2203. **Maki Y, Akimoto H, Nakada Y, et al:** [Cerebral angiographical findings in secondary aldosteronism due to renal artery stenosis]
Brain Nerve (Tokyo) 21:225-30, Mar 69 **(Jap)**
AORTOGRAPHY/ *CEREBRAL ANGIOGRAPHY/ CEREBROVASCULAR CIRCULATION/ CHILD/ HUMAN/ HYPERALDOSTERONISM, etiology/ *HYPERALDOSTERONISM, radiography/ MALE/ NEPHRECTOMY/ RADIOISOTOPE RENOGRAPHY/ *RENAL ARTERY OBSTRUCTION, complications

2204. **Malek GH, Madsen PO:** Carcinoma of the prostate with unusual metastases. Cancer 24:194-7, Jul 69
*ADRENAL GLAND NEOPLASMS/ AGED/ *BREAST NEOPLASMS/ *CARCINOMA/ CASE REPORT/ HUMAN/ *KIDNEY NEOPLASMS/ MALE/ NEOPLASM METASTASIS/ *PANCREATIC NEOPLASMS/ *PROSTATIC NEOPLASMS/ *TESTICULAR NEOPLASMS

2205. **Maleva IIa:** K voprosu o metodike vyiavleniia prediabeta. Ter Arkh 39:80-4, Aug 67 **(Rus)**
ADOLESCENCE/ ADULT/ AGED/ FEMALE/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ *PREDIABETIC STATE, diagnosis/ *PREDNISOLONE, diagnostic use

2206. **Malik SK, Martin CJ:** Tuberculosis, corticosteroid therapy, and pulmonary function.
Amer Rev Resp Dis 100:13-8, Jul 69
ADOLESCENCE/ ADULT/ AGED/ ANTITUBERCULAR AGENTS, therapeutic use/ BODY WEIGHT/ CARBON DIOXIDE, blood/ FEMALE/ HUMAN/ LUNG, physiopathology/ MALE/ MIDDLE AGE/ OXYGEN, blood/ PARTIAL PRESSURE/ *PREDNISONE, therapeutic use/ SPIROMETRY/ *TUBERCULOSIS, PULMONARY, drug therapy/ *TUBERCULOSIS, PULMONARY, physiopathology

2207. **Mali G, Heibrunn A, Paarmann HF, et al:** Die Behandlung der multiplen Sklerose mit anabolen Steroiden. Med Klin 63:2075-7, 20 Dec 68 **(Ger)**
COMPARATIVE STUDY/ HUMAN/ *MULTIPLE SCLEROSIS, drug therapy/ *NANDROLONE, therapeutic use

2208. **Mallard JR, Kent M:** Electron spin resonance in biological tissues.
Phys Med Biol 14:373-96, Jul 69 (97 ref.)
ANIMAL EXPERIMENTS/ BONE AND BONES/ CARCINOGENS, pharmacodynamics/ DIAGNOSIS, DIFFERENTIAL/ *ELECTRON SPIN RESONANCE/ FREE RADICALS/ FREEZE DRYING/ HUMAN/ LEUKEMIA, metabolism/ LIVER, metabolism/ LIVER NEOPLASMS, metabolism/ MELANIN/ METHODS/ MICE/ MITOCHONDRIA/ NEOPLASMS, metabolism/ PHOTOSYNTHESIS/ RATS/ REVIEW

2209. **Malvaux P, Beckers C, Visscher M de:** Bilans d'iode au cours de l'adolescence.
Ann Endocr (Paris) 29:480-2, Jul-Aug 68 **(Fre)**
ADOLESCENCE/ DIET/ FECES, analysis/ FOOD ANALYSIS/ GOITER, ENDEMIC, etiology/ HUMAN/ IODINE, analysis/ *IODINE, metabolism/ IODINE, urine

2210. **Malyshenko IM:** Bioélektricheskaia aktivnost' golovnogo mozga krys pri vvedenii tireoidina i 6-metiltiouratsila v usloviiakh reaktsii napriazheniia i adrenaléktomii.
Fiziol Zh SSSR Sechenov 54:176-81, Feb 68 **(Rus)**
*ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *BRAIN, drug effects/ ELECTROENCEPHALOGRAPHY/ *METHYLTHIOURACIL, pharmacodynamics/ RATS/ *STRESS/ THYROID GLAND, physiology

2211. **Man EB, Jones WS:** Thyroid function in human pregnancy. V. Incidence of maternal serum low butanol-extractable iodines and of normal gestational TBG and TBPA capacities; retardation of 8-month-old infants. Amer J Obstet Gynec 104:898-908, 15 Jul 69
ABORTION, etiology/ ABORTION, occurrence/ ADOLESCENCE/ ADULT/ BIRTH WEIGHT/ FEMALE/ FETAL DEATH, etiology/ FETAL DEATH, occurrence/ *GROWTH/ GROWTH DISORDERS, etiology/ GROWTH DISORDERS, occurrence/ HUMAN/ HYPERTHYROIDISM, complications/ *HYPOTHYROIDISM, blood/ HYPOTHYROIDISM, complications/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, etiology/ INFANT, NEWBORN, DISEASES, occurrence/ *IODINE, blood/ MENTAL RETARDATION, etiology/ MENTAL RETARDATION, occurrence/ PREGNANCY/ *PREGNANCY COMPLICATIONS, blood/ PRENATAL CARE/ PROTEIN-BOUND IODINE TEST/ THYROID DISEASES, blood/ THYROID GLAND, drug effects/ *THYROID GLAND, physiology/ THYROID HORMONES, therapeutic use/ *THYROXINE-BINDING PROTEIN, blood

2212. **Manabe Y:** Sperm migration in rats with experimental diabetes insipidus. J Reprod Fertil 18:371-3, Mar 69

ANIMAL EXPERIMENTS/ DENERVATION/ *DIABETES INSIPIDUS, physiopathology/ FEMALE/ MALE/ OVIDUCTS, physiology/ *OXYTOCIN, physiology/ PITUITARY GLAND, POSTERIOR, physiology/ RATS/ *SPERMATOZOA, physiology/ UTERUS, physiology

2213. **Manabe Y:** Urinary excretion of oestriol and pregnanediol during bougie-induced abortion in mid-pregnancy. J Endocr 42:331-5, Oct 68
*ABORTION, THERAPEUTIC/ DELIVERY/ *ESTRIOL, urine/ FEMALE/ FETAL MEMBRANES, anatomy & histology/ FETUS/ HUMAN/ PLACENTA, anatomy & histology/ PREGNANCY/ *PREGNANEDIOL, urine/ RUBBER/ *UTERUS, physiology

2214. **Mandelli Contegni G:** Sperimentazione clinica con un cortisonico ritardo nella broncopatia asmatica.
Minerva Med 60:2480-2, 23 Jun 69 **(Ita)**
ADULT/ *ASTHMA, drug therapy/ *BRONCHITIS, drug therapy/ *DELAYED-ACTION PREPARATIONS, therapeutic use/ FEMALE/ HUMAN/ MALE/ *METHYLPREDNISOLONE, therapeutic use/ MIDDLE AGE

2215. **Mandevski S, Baldzhyiski A:** Pnevmoretroperitoneum, suchetan s tomografiia pri zaboliavane na bubretsite i nadbubrechnite zhlezi.
Khirurgiia (Sofiia) 21:343-8, 1968 **(Bul)**
*ADRENAL GLAND DISEASES, radiography/ ENGLISH ABSTRACT/ HUMAN/ *KIDNEY DISEASES, radiography/ *PNEUMOPERITONEUM, ARTIFICIAL/ TOMOGRAPHY

2216. **Mankin HJ, Lippiello L:** Nucleic acid and protein synthesis in epiphyseal plates of rachitic rats. An autoradiographic study.
J Bone Joint Surg [Brit] 51:862-74, Jul 69
ANIMAL EXPERIMENTS/ DIET/ DNA, biosynthesis/ EPIPHYSES, cytology/ *EPIPHYSES, metabolism/ EPIPHYSES, pathology/ GLYCINE, metabolism/ METHODS/ *NUCLEIC ACIDS, biosynthesis/ NUCLEOSIDES, metabolism/ POLYSACCHARIDES, biosynthesis/ *PROTEINS, biosynthesis/ RATS/ *RICKETS, metabolism/ RICKETS, pathology/ RNA, biosynthesis/ SODIUM/ SULFATES/ THYMIDINE, metabolism/ TRITIUM/ VITAMIN D, therapeutic use/ VITAMIN D DEFICIENCY, metabolism

2217. **Mankin HJ, Lippiello L:** Nucleic acid and protein synthesis in epiphyseal plates of rachitic rats. An autoradiographic study.
J Bone Joint Surg [Amer] 51:862-74, Jul 69
ANIMAL EXPERIMENTS/ CYTOSINE NUCLEOTIDES, metabolism/ *DNA, biosynthesis/ *EPIPHYSES, metabolism/ EPIPHYSES, pathology/ GLYCINE, metabolism/ POLYSACCHARIDES, metabolism/ *PROTEINS, biosynthesis/ RADIOAUTOGRAPHY/ RATS/ *RICKETS, metabolism/ RICKETS, pathology/ *RNA, biosynthesis/ SULFUR ISOTOPES/ THYMIDINE, metabolism/ TIBIA, metabolism/ TRITIUM/ VITAMIN D/ VITAMIN D DEFICIENCY, metabolism

2218. **Man'kovskii NB:** Diencephalic pathology in the clinical picture of certain collagenoses in young and middle aged patients. Geront Clin (Basel) 11:231-8, 1969
BLOOD SUGAR, analysis/ CALCINOSIS, radiography/ CALCINOSIS, radiotherapy/ CALCIUM, blood/ CALCIUM, urine/ CARBOHYDRATES, metabolism/ COLLAGEN DISEASES, metabolism/ *COLLAGEN DISEASES, pathology/ COPPER, blood/ COPPER, urine/ DERMATOMYOSITIS, pathology/ *DIENCEPHALON, pathology/ EDEMA, pathology/ ELECTROENCEPHALOGRAPHY/ HUMAN/ HYPOPROTEINEMIA, metabolism/ 17-KETOSTEROIDS, urine/ LUPUS ERYTHEMATOSUS, SYSTEMIC, pathology/ MANGANESE, blood/ MANGANESE, urine/ MENINGES, pathology/ MIDDLE AGE/ PERIARTERITIS NODOSA, pathology/ POTASSIUM, blood/ POTASSIUM, urine/ SCLERODERMA, pathology

2219. **Manning JP, Carter SG, Butler MC:** Artificial stimulatory and hormonal requirements of decidual alkaline phosphatase in the pseudopregnant rat.
Acta Endocr (Kobenhavn) 61:164-72, May 69
*ALKALINE PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ CASTRATION/ *DECIDUA, enzymology/ ELECTRIC STIMULATION/ ENDOMETRIUM, injuries/ ESTRADIOL, pharmacodynamics/ FEMALE/ HISTOCYTOCHEMISTRY/ NIDATION/ PREGNANCY/ *PREGNANCY, ANIMAL/ PROGESTERONE, pharmacodynamics/ *PROGESTERONE, physiology/ *PSEUDOPREGNANCY/ RATS/ STIMULATION, CHEMICAL

2220. **Manns JG, MacKenzie EP:** Use of the Programma 101 desk-top computer in radioimmunoassay and liquid scintillation calculations.
Canad J Physiol Pharmacol 47:490-1, May 69
*COMPUTERS/ HORMONES/ *RADIOIMMUNOASSAY/ *RADIOMETRY

2221. **Mannstadt C, Neumann W:** Zur Diagnose und Differentialdiagnose des hypophysären Zwergwuchses (Nanosomia pituitaria)
Z Aerztl Fortbild (Jena) 62:1094-9, 1 Oct 68 **(Ger)**
ADULT/ CORTICOSTERONE, urine/ CRETINISM, diagnosis/ DESOXYCORTICOSTERONE, urine/ DIAGNOSIS, DIFFERENTIAL/ *DWARFISM, PITUITARY, diagnosis/ DWARFISM, PITUITARY, radiography/ DWARFISM, PITUITARY, urine/ HUMAN/ 17-KETOSTEROIDS, urine/ MALE/ MONGOLISM, diagnosis/ TURNER'S SYNDROME, diagnosis

2222. **Manolescu R:** Incidents et accidents de l'anesthésie générale chez les malades en état d'insuffisance rénale algüe.
Anesth Analg (Paris) 26:67-74, Jan-Feb 69 **(Fre)**
ACIDOSIS, chemically induced/ ADULT/ *ANESTHESIA, GENERAL, adverse effects/ ANOXIA, chemically induced/ BARBITURATES, adverse effects/ CATECHOLAMINES, blood/ CHILD/ CORTISONE, adverse effects/ CURARE, adverse effects/ DIGITALIS GLYCOSIDES, adverse effects/ DRUG SYNERGISM/ DRUG TOLERANCE/ FEMALE/ HEMODIALYSIS/ HUMAN/ *KIDNEY FAILURE, ACUTE, complications/ MIDDLE AGE/ MORPHINE, adverse effects/ PHENOTHIAZINES, adverse effects/ PREOPERATIVE CARE/ RESPIRATORY CENTER, drug effects/ SHOCK, SURGICAL, chemically induced

2223. **Many M, Giron F, Birtwell WC, et al:** Effects of depulsation of renal blood flow upon renal function and renin secretion. Surgery 66:242-9, Jul 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ DOGS/ JUXTAGLOMERULAR APPARATUS, cytology/ *KIDNEY, blood supply/ *KIDNEY, physiology/ KIDNEY, secretion/ KIDNEY FUNCTION TESTS/ NATRIURESIS/ *RENAL ARTERY, physiology/ *RENIN, secretion/ WATER-ELECTROLYTE BALANCE

2224. **Marchant J:** Sarcoma induction in mice by methylcholanthrene. The influence of thymus grafting and of castration.
Brit J Cancer 23:377-82, Jun 69
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ ANTIBODY FORMATION/ *CASTRATION/ FEMALE/ INJECTIONS, SUBCUTANEOUS/ MALE/ *METHYLCHOLANTHRENE/ MICE/ *SARCOMA, EXPERIMENTAL, chemically induced/ *THYMUS GLAND, transplantation/ TRANSPLANTATION, HOMOLOGOUS/ TRANSPLANTATION IMMUNOLOGY

2225. **Marchese G:** Osservazioni critiche sul sistema di

concentrazione urinaria a controcorrente. II. Considerazioni anatomo-fisiologiche.
Recent Progr Med (Roma) 46:286-304, Mar 67 (Ita)
ANIMAL EXPERIMENTS/ HUMAN/ *KIDNEY, physiology/ KIDNEY CONCENTRATING ABILITY/ *KIDNEY TUBULES, physiology/ SODIUM, metabolism/ *VASOPRESSIN, physiology/ *WATER-ELECTROLYTE BALANCE, physiology

2226. **Marconato A**: Valore della citologia vaginale nella diagnosi di tumori trofoblastici.
Minerva Ginec 19:939, 30 Sep 67 (Ita)
FEMALE/ HISTOCYTOCHEMISTRY/ HUMAN/ LACTATE DEHYDROGENASE, analysis/ NAD, analysis/ SUCCINATE DEHYDROGENASE, analysis/ *TROPHOBLASTIC TUMOR, enzymology/ *VAGINAL SMEARS

2227. **Marelli G**: Influenza dell'ormone somatotropo sul fultrato glomerulare e sul Tm del glucosio nel vecchio.
Acta Geront (Milano) 18:71-9, Apr-Jun 68 (Ita)
AGED/ ENGLISH ABSTRACT/ *GLOMERULAR FILTRATION RATE/ *GLUCOSE, metabolism/ HUMAN/ KIDNEY, drug effects/ *SOMATOTROPIN, pharmacodynamics

2228. **Maresca BM**: Recubrimiento experimental de la pulpa sana del diente humano con corticosteroides y antibióticos de amplio espectro.
Rev Asoc Odont Argent 56:390-5, Nov 68 (Spa)
ADOLESCENCE/ *ADRENAL CORTEX HORMONES, pharmacodynamics/ *ANTIBIOTICS, pharmacodynamics/ *DENTAL PULP, drug effects/ DENTAL PULP CAPPING/ *DENTAL PULP DISEASES, prevention & control/ HUMAN/ TOOTH, anatomy & histology

2229. **Margherita SS, Premachandra BN**: Studies on thyroglobulin immunity. VI. Thyroid hormones and thyroglobulin specificity. J Immun 102:1511-22, Jun 69
ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ CHROMATOGRAPHY/ ELECTROPHORESIS/ GEL DIFFUSION TESTS/ *HAPTENS, analysis/ IMMUNE SERUMS/ IODINE ISOTOPES/ PRECIPITIN TESTS/ PROTEIN-BOUND IODINE TEST/ RABBITS/ *THYROGLOBULIN, analysis/ THYROXINE-BINDING PROTEIN

2230. **Margules DL, Stein L**: Cholinergic synapses in the ventromedial hypothalamus for the suppression of operant behavior by punishment and satiety.
J Comp Physiol Psychol 67:327-35, Mar 69
ANIMAL EXPERIMENTS/ ATROPINE, pharmacodynamics/ AVOIDANCE LEARNING/ *CONDITIONING, OPERANT/ CONSUMMATORY BEHAVIOR/ FEEDING BEHAVIOR/ HYPOTHALAMUS, drug effects/ *HYPOTHALAMUS, physiology/ MALE/ MOTOR ACTIVITY/ *PUNISHMENT/ RATS/ *SYNAPSES, physiology

2231. **Mariani R, Unal D, Spriet A, et al**: Hypoglycémie du nouveau-né avec microcéphalie, macroglossie et mégalosplanchnie.
Arch Franc Pediat 26:337-45, Mar 69 (Fre)
*ABDOMEN, abnormalities/ ELECTROENCEPHALOGRAPHY/ GIGANTISM, complications/ HUMAN/ HYPOCALCEMIA, complications/ *HYPOGLYCEMIA, complications/ INFANT/ INFANT, NEWBORN/ MALE/ MENTAL RETARDATION, etiology/ *MICROCEPHALY, complications/ ORGAN WEIGHT/ POLYCYTHEMIA, complications/ PSYCHOMOTOR DISORDERS, etiology/ *TONGUE, abnormalities

2232. **Marie J, Hennequet A, Marandian H, et al**: Hypervitaminose D2 par ingestion quotidienne d'une dose exagérée de la solution hydro-alcoolique à 400 U.I. par goutte. Evolution favorable après régime d'exclusion calcique et corticothérapie.
Ann Pediat (Paris) 16:24-6, 2 Jan 69 (Fre)
CALCIUM, DIETARY/ DIET THERAPY/ ERGOCALCIFEROL, administration & dosage/ *ERGOCALCIFEROL, adverse effects/ GLOMERULAR FILTRATION RATE/ HUMAN/ *HYPERCALCEMIA, chemically induced/ *HYPERCALCEMIA, therapy/ INFANT/ KIDNEY CONCENTRATING ABILITY/ MALE/ MOTHER-CHILD RELATIONS/ PHOSPHORUS, blood/ *PREDNISONE, therapeutic use/ RICKETS, prevention & control

2233. **Marie J, Lévèque B, Courtecuisse V, et al**: Syndrome hémolytique et urémique associé à un syndrome néphrotique idiopathique, évoluant depuis quatre ans. Ann Pediat (Paris) 16:7-12, 2 Jan 69 (Fre)
*ANEMIA, HEMOLYTIC, complications/ BIOPSY/ CHILD/ CHLORAMBUCIL, therapeutic use/ FEMALE/ GLUCOCORTICOIDS, therapeutic use/ HEMOGLOBINURIA, etiology/ HUMAN/ HYPERTENSION, RENAL, complications/ KIDNEY, pathology/ KIDNEY GLOMERULUS, pathology/ MICROSCOPY, ELECTRON/ *NEPHROTIC SYNDROME, complications/ NEPHROTIC SYNDROME, drug therapy/ THROMBOCYTOSIS, pathology/ THROMBOPENIA, etiology/ *UREMIA, complications

2234. **Marin A, Vivan A**: Sindrome di Trner e tubercolosi dell'endometrio. Studio anatomo-clinico e patogenetico.
Riv Anat Pat Oncol 30:207-25, Aug-Sep 67 (Ita)
BREAST, abnormalities/ *ENDOMETRIUM, pathology/ FEMALE/ HUMAN/ MIDDLE AGE/ TUBERCULOSIS, PULMONARY, pathology/ *TUBERCULOSIS, UROGENITAL, pathology/ *TURNER'S SYNDROME, pathology

2235. **Märki HH**: Diagnóstico y tratamiento de linfomas malignos. Folia Clin Int (Barc) 17:423-4, Sep 67 (Spa)
*ADRENAL CORTEX HORMONES, therapeutic use/ *CYCLOPHOSPHAMIDE, therapeutic use/ HUMAN/ *LYMPHOMA, diagnosis/ *LYMPHOMA, drug therapy/ LYMPHOMA, radiotherapy/ *MECHLORETHAMINE, therapeutic use/ *TRIAZIQUONE, therapeutic use/ *VINBLASTINE, therapeutic use

2236. **Markosian AA, Chepurov AK**: O roli adrenergicheskogo substrata gipotalamusa v reguliatsii sistemy svertyvaniia krovi.
Fiziol Zh SSSR Sechenov 53:1455-62, Dec 67 (Rus)
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION, drug effects/ BRAIN, physiology/ *CATECHOLAMINES, pharmacodynamics/ ELECTROENCEPHALOGRAPHY/ ELECTROPHYSIOLOGY/ ENGLISH ABSTRACT/ *EPINEPHRINE, pharmacodynamics/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, drug effects/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ *HYPOTHALAMUS, drug effects/ *NOREPINEPHRINE, pharmacodynamics/ RABBITS

2237. **Marks SC Jr**: The parafollicular cell of the thyroid gland as the source of an osteoblast-stimulating factor. Evidence from experimentally osteopetrotic mice.
J Bone Joint Surg [Brit] 51:875-90, Jul 69
ANIMAL EXPERIMENTS/ BONE DEVELOPMENT, drug effects/ CALCIUM, blood/ EPITHELIUM, cytology/ FEMALE/ FIBULA, pathology/ HYPERCALCEMIA, metabolism/ HYPERPLASIA/ INJECTIONS, INTRAPERITONEAL/ MALE/ MICE/ *OSTEOBLASTS, growth & development/ OSTEOPETROSIS, chemically induced/ *OSTEOPETROSIS, etiology/ PARATHYROID GLANDS, physiology/ PARATHYROID GLANDS, surgery/ *PARATHYROID HORMONE, pharmacodynamics/ PROLINE, metabolism/ *THYROID GLAND, cytology/ THYROID GLAND, pathology/ THYROID GLAND, physiology/ TIBIA, drug effects/ TISSUE EXTRACTS/ TRITIUM

2238. **Marks SC Jr**: The parafollicular cell of the thyroid gland as the source of an osteoblast-stimulating factor. Evidence from experimentally osteopetrotic mice.
J Bone Joint Surg [Amer] 51:875-90, Jul 69
ANIMAL EXPERIMENTS/ *BONE DEVELOPMENT/ BONE RESORPTION, etiology/ CALCIUM, blood/ MICE/

*OSTEOBLASTS/ *OSTEOPETROSIS, etiology/ OSTEOPETROSIS, pathology/ PARATHYROID GLANDS, surgery/ *PARATHYROID HORMONE/ PROLINE, metabolism/ THYROCALCITONIN/ *THYROID GLAND, cytology/ THYROID GLAND, pathology/ THYROIDECTOMY/ TIBIA, cytology/ TRITIUM

2239. **Markwardt F, Barthel W, Glusa E:** Untersuchungen über die Hemmung der Aminfreisetzung aus Blutplättchen und Nebennierenmark.
Med Exp (Basel) 18:176-84, 1968 (Ger)
ADENOSINE TRIPHOSPHATASE/ *ADRENAL MEDULLA, drug effects/ ADRENAL MEDULLA, secretion/ ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, secretion/ CARBACHOL, antagonists & inhibitors/ *CATECHOLAMINES, antagonists & inhibitors/ CATECHOLAMINES, blood/ CATECHOLAMINES, secretion/ CATTLE/ COLORIMETRY/ *ETHYLMALEIMIDE, pharmacodynamics/ HIRUDIN, pharmacodynamics/ *PAPAVERINE, pharmacodynamics/ PRENYLAMINE, pharmacodynamics/ RABBITS/ *SEROTONIN, antagonists & inhibitors/ SEROTONIN, blood/ SEROTONIN, secretion/ THROMBIN

2240. **Marley PB:** Antifertility effect of 5-hydroxytryptamine at the time of implantation in mice and rats.
J Endocr 43:34-5, Jan 69
ANIMAL EXPERIMENTS/ *CONTRACEPTIVE AGENTS/ FEMALE/ MICE/ *NIDATION, drug effects/ PREGNANCY/ PROGESTERONE, pharmacodynamics/ RATS/ SEROTONIN, antagonists & inhibitors/ *SEROTONIN, pharmacodynamics

2241. **Marmer MJ:** Iatrogenesis in anesthesiology.
Anesth Analg (Cleveland) 48:612-6, Jul-Aug 69
ACETYLCHOLINE, adverse effects/ ANEMIA, SICKLE CELL, chemically induced/ *ANESTHESIA, adverse effects/ ANESTHESIOLOGY/ ANTIBIOTICS, adverse effects/ AUTONOMIC DYSFUNCTION, familial & genetic/ BLOOD TRANSFUSION, adverse effects/ CATHETERIZATION, adverse effects/ GLAUCOMA, chemically induced/ HUMAN/ *IATROGENIC DISEASE/ METHEMOGLOBINEMIA, chemically induced/ MUSCLE RELAXANTS, adverse effects/ MYOTONIA ATROPHICA, chemically induced/ MYOTONIA CONGENITA, chemically induced/ PERIPHERAL NERVE DISEASES, chemically induced/ PHARMACOGENETICS/ PORPHYRIA, chemically induced/ PREANESTHETIC MEDICATION/ PREOPERATIVE CARE/ PSYCHOPHYSIOLOGIC DISORDERS/ PULMONARY EDEMA, chemically induced/ STEROIDS, adverse effects/ TRANQUILIZING AGENTS, adverse effects

2242. **Marmol JG, Scriggins AL, Vollman RF:** Mothers of mongoloid infants in the collaborative project.
Amer J Obstet Gynec 104:533-43, 15 Jun 69
ABNORMALITIES, DRUG-INDUCED/ AGE FACTORS/ BIRTH ORDER/ BIRTH WEIGHT/ CAUCASIAN RACE/ FEMALE/ HUMAN/ MALE/ MATERNAL AGE/ *MONGOLISM, occurrence/ NEGROID RACE/ ORGAN WEIGHT/ PARITY/ PLACENTA/ PREGNANCY/ PREGNANCY COMPLICATIONS, occurrence/ *PRENATAL INFLUENCES/ PUBERTY/ RACIAL STOCKS/ RADIATION GENETICS/ RADIOTHERAPY, adverse effects/ SEX RATIO/ TIME FACTORS

2243. **Maronde RF, Milgrom M, Dickey JM:** Potassium loss with thiazide therapy. Amer Heart J 78:16-21, Jul 69
ALDOSTERONE, secretion/ ALDOSTERONE, urine/ BLOOD GAS ANALYSIS/ FEMALE/ HUMAN/ *HYDROCHLOROTHIAZIDE, pharmacodynamics/ HYPERTENSION, drug therapy/ HYPERTENSION, metabolism/ MALE/ NATRIURESIS, drug effects/ POTASSIUM, blood/ *POTASSIUM, urine/ SODIUM, blood/ SODIUM, urine

2244. **Márquez FJ, Salvati E:** Síndrome migranoso pielonefritico. Sus causas y tratamiento.
Rev Argent Urol 37:142-8, Jan-Jul 68 (Spa)
ADULT/ CALCIUM, metabolism/ HUMAN/ *MIGRAINE, complications/ *PYELONEPHRITIS, complications

2245. **Marrama P, Della Casa L, Bonati B:** La sindrome clinica e metabolica dei eocromocitomi.
Endocr Sci Cost 29:289-322, Nov 67 (161 ref.) (Ita)
ADENINE NUCLEOTIDES, metabolism/ ADRENAL MEDULLA, anatomy & histology/ ADRENAL MEDULLA, metabolism/ ADRENAL MEDULLA, physiology/ AGE FACTORS/ BASAL METABOLISM/ *EPINEPHRINE, biosynthesis/ EPINEPHRINE, pharmacodynamics/ HISTOCYTOCHEMISTRY/ HUMAN/ HYPERTENSION, etiology/ HYPERTHYROIDISM, metabolism/ LIPIDS, metabolism/ *NOREPINEPHRINE, biosynthesis/ NOREPINEPHRINE, pharmacodynamics/ *PHEOCHROMOCYTOMA, metabolism/ PHEOCHROMOCYTOMA, pathology/ REVIEW

2246. **Marrs JM, Rowe KW Jr:** The effect of clofibrate on open-angle glaucoma.
Arch Ophthal (Chicago) 82:19-20, Jul 69
*ANDROSTERONE, therapeutic use/ *ANTICHOLESTEREMIC AGENTS, therapeutic use/ AQUEOUS HUMOR, physiology/ *BUTYRATES, therapeutic use/ *GLAUCOMA, drug therapy/ HUMAN/ INTRAOCULAR PRESSURE

2247. **Marsella A:** Il morbo di Whipple. Lipodistrofia intestinale. Nunt Radiol 33:1511-7, Dec 67 (Ita)
ADULT/ *ANTIBIOTICS, therapeutic use/ *CORTICOTROPIN, therapeutic use/ *CORTISONE, therapeutic use/ FEMALE/ HUMAN/ *LIPODYSTROPHY, INTESTINAL, drug therapy/ *LIPODYSTROPHY, INTESTINAL, radiography/ MALE/ MIDDLE AGE/ *VITAMINS, therapeutic use

2248. **Marshall JH, Rundo J, Harrison GE:** Retention of radium in man. Radiat Res 39:445-51, Aug 69
BONE AND BONES, metabolism/ HUMAN/ *MODELS, BIOLOGIC/ *RADIUM, metabolism/ TIME FACTORS

2249. **Marshall WA, Tanner JM:** Variations in pattern of pubertal changes in girls.
Arch Dis Child 44:291-303, Jun 69
ADOLESCENCE/ AGE FACTORS/ *ANTHROPOMETRY/ BREAST, growth & development/ CHILD/ FEMALE/ GREAT BRITAIN/ HAIR, growth & development/ HUMAN/ MENSTRUATION/ *PUBERTY/ SOCIAL CLASS/ SOCIOECONOMIC FACTORS/ STATISTICS/ TIME FACTORS

2250. **Marshall WC, Ockenden BG, Fosbrooke AS, et al:** Wolman's disease. A rare lipidosis with adrenal calcification. Arch Dis Child 44:331-41, Jun 69
*ADRENAL GLAND DISEASES, familial & genetic/ ADRENAL GLAND DISEASES, pathology/ BRAIN CHEMISTRY/ CALCINOSIS, familial & genetic/ CHOLESTEROL, analysis/ FEMALE/ HISTOCYTOCHEMISTRY/ HUMAN/ INFANT/ INFANT, NEWBORN/ INTESTINAL DISEASES, metabolism/ KIDNEY DISEASES, pathology/ *LIPOIDOSIS, familial & genetic/ LIVER DISEASES, metabolism/ LIVER DISEASES, pathology/ LYMPH NODES, pathology/ MALE/ RETICULOENDOTHELIAL SYSTEM, analysis/ SPLENIC DISEASES, metabolism/ TRIGLYCERIDES, analysis

2251. **Marston JH, Kelly WA, Eckstein P:** Effect of an intra-uterine device on gamete transport and fertilization in the Rhesus monkey.
J Reprod Fertil 19:149-56, Jun 69
ANIMAL EXPERIMENTS/ CORPUS LUTEUM, physiology/ EMBRYO/ FALLOPIAN TUBES, physiology/ FEMALE/ *FERTILIZATION/ *INTRAUTERINE DEVICES/ MALE/ MONKEYS/ *OVUM/ PREGNANCY/ *SPERMATOZOA/ UTERUS, physiology

2252. **Marston JH, Kelly WA**: Contraceptive action of intra-uterine devices in the ferret.
J Reprod Fertil 18:419-29, Apr 69
ANIMAL EXPERIMENTS/ CARNIVORA/ CASTRATION/ COITUS/ EMBRYO/ FALLOPIAN TUBES, physiology/ FEMALE/ *FERTILIZATION/ *INTRAUTERINE DEVICES/ LAPAROTOMY/ NIDATION/ OVARY, physiology/ PREGNANCY/ PSEUDOPREGNANCY

2253. **Martel W, Sitterley BH**: Roentgenologic manifestations of osteonecrosis. Amer J Roentgen 106:509-22, Jul 69
ADULT/ ALCOHOLISM, complications/ BONE DISEASES, complications/ BONE DISEASES, etiology/ *BONE DISEASES, radiography/ DERMATITIS EXFOLIATIVA, complications/ FEMALE/ FEMUR HEAD, radiography/ GOUT, complications/ HIP, radiography/ HUMAN/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ MALE/ MIDDLE AGE/ NECROSIS/ OSTEOARTHRITIS, complications/ SPONDYLITIS, ANKYLOSING, complications/ STEROIDS, adverse effects/ TALUS, radiography

2254. **Marthy HJ**: Die Organogenese des Coelomsystems von Octopus vulgaris Lam.
Rev Suisse Zool 75:723-63, 1968 (Ger)
ENDOCRINE GLANDS, embryology/ ENGLISH ABSTRACT/ EPITHELIUM, cytology/ FEMALE/ *GONADS, embryology/ *KIDNEY, embryology/ MALE/ MESODERM, cytology/ *MOLLUSCA, embryology/ MORPHOGENESIS/ *PERICARDIUM, embryology

2255. **Marti H, Studer H, Dettwiler W, et al**: Persistence of a physiological circadian rhythm of plasma-free 11-hydroxycorticosteroid levels in totally fasting obese subjects. Experientia 25:320-1, 15 Mar 69
ADOLESCENCE/ ADULT/ *CIRCADIAN RHYTHM/ *FASTING/ FEMALE/ HUMAN/ *HYDROCORTISONE, blood/ HYDROCORTISONE, secretion/ MALE/ MIDDLE AGE/ *OBESITY, blood/ PITUITARY-ADRENAL SYSTEM

2256. **Martin C, Bentegeat J, Bildstein G, et al**: Evolution de la toxoplasmose congénetale. Etude critique de 12 cas traités. Ann Pediat (Paris) 16:117-28, 2 Feb 69 (Fre)
ANTI-INFECTIVE AGENTS, therapeutic use/ BRAIN DISEASES, complications/ CALCINOSIS, complications/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ EYE DISEASES, complications/ FEMALE/ FETAL DISEASES, prevention & control/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ HYDROCEPHALUS, complications/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, prevention & control/ JAUNDICE, NEONATAL, diagnosis/ MALE/ MICROCEPHALY, diagnosis/ NEUROLOGIC MANIFESTATIONS/ PREGNANCY/ PROGNOSIS/ SERODIAGNOSIS/ *TOXOPLASMOSIS, CONGENITAL/ TOXOPLASMOSIS, CONGENITAL, classification/ TOXOPLASMOSIS, CONGENITAL, complications/ TOXOPLASMOSIS, CONGENITAL, drug therapy

2257. **Martin DL, DeLuca HF**: Influence of sodium on calcium transport by the rat small intestine.
Amer J Physiol 216:1351-9, Jun 69
ANIMAL EXPERIMENTS/ *BIOLOGICAL TRANSPORT, ACTIVE/ *CALCIUM, metabolism/ CELL MEMBRANE PERMEABILITY/ CHLORIDES, pharmacodynamics/ CHOLINE, pharmacodynamics/ DUODENUM, metabolism/ ELECTROPHYSIOLOGY/ *INTESTINAL ABSORPTION/ *INTESTINE, SMALL, metabolism/ LACTOSE, pharmacodynamics/ MALE/ MANNITOL, pharmacodynamics/ OUABAIN, pharmacodynamics/ POTASSIUM, pharmacodynamics/ RATS/ *SODIUM, pharmacodynamics/ TIME FACTORS/ VITAMIN D, pharmacodynamics/ VITAMIN D DEFICIENCY

2258. **Martin DL, Melancon MJ Jr, DeLuca HF**: Vitamin D stimulated, calcium-dependent adenosine triphosphatase from brush borders of rat small intestine.
Biochem Biophys Res Commun 35:819-23, 27 Jun 69
*ADENOSINE TRIPHOSPHATASE/ ANIMAL EXPERIMENTS/ *CALCIUM, pharmacodynamics/ INTESTINAL ABSORPTION/ *INTESTINE, SMALL, enzymology/ MALE/ RATS/ *VITAMIN D, pharmacodynamics/ VITAMIN D DEFICIENCY, enzymology

2259. **Martin FI, Bindon BM, Lamond DR**: Collaborative bioassay of follicle stimulating hormone by the hypophysectomised mouse uterus augmentation assay. Aust J Exp Biol Med Sci 47:281-2, Apr 69
ANIMAL EXPERIMENTS/ ANIMALS, LABORATORY/ BIOLOGICAL ASSAY/ *FSH, analysis/ GONADOTROPINS, CHORIONIC/ HYPOPHYSECTOMY/ METHODS/ MICE/ *UTERUS

2260. **Martin G**: Wann sollen Laktationshemmer injiziert werden?
Geburtsh Frauenheilk 29:385-90, Apr 69 (Ger)
*ESTRADIOL, pharmacodynamics/ FEMALE/ HUMAN/ *LACTATION, drug effects/ PREGNANCY/ *TESTOSTERONE, pharmacodynamics/ TIME FACTORS

2261. **Martin L, Finn CA, Stokes J**: Refractory period following oestrogenic stimulation of cell division in the mouse uterus. J Endocr 43:xl, Jan 69
ANIMAL EXPERIMENTS/ *CELL DIVISION, drug effects/ *ESTRADIOL, pharmacodynamics/ FEMALE/ MICE/ PROGESTERONE/ TIME FACTORS/ *UTERUS, drug effects

2262. **Martin L, Finn CA**: Duration of progesterone treatment required for a stromal response to oestradiol-17-beta in the uterus of the mouse. J Endocr 44:279-80, Jun 69
ANIMAL EXPERIMENTS/ CASTRATION/ *ESTRADIOL, pharmacodynamics/ FEMALE/ MICE/ MITOSIS, drug effects/ *PROGESTERONE, pharmacodynamics/ *UTERUS, drug effects

2263. **Martin LG, Bullard RW**: Thyroxine-enhanced susceptibility of mice to Klebsiella pneumoniae.
Proc Soc Exp Biol Med 131:824-7, Jul 69
ANIMAL EXPERIMENTS/ FEMALE/ HYPOTHYROIDISM, chemically induced/ *HYPOTHYROIDISM, physiopathology/ *KLEBSIELLA INFECTIONS, immunology/ KLEBSIELLA INFECTIONS, mortality/ MICE/ PROPYLTHIOURACIL/ THYROTROPIN, physiology/ *THYROXINE, pharmacodynamics

2264. **Martin MM**: Coexisting anterior pituitary and neurohypophyseal insufficiency. A syndrome with diagnostic implication.
Arch Intern Med (Chicago) 123:409-16, Apr 69
ADOLESCENCE/ ADULT/ BIOPSY/ BRAIN NEOPLASMS, pathology/ CHOLESTEATOMA, pathology/ CORTICOTROPIN, pharmacodynamics/ CORTISONE, administration & dosage/ CORTISONE, pharmacodynamics/ CRANIOPHARYNGIOMA, pathology/ DIABETES INSIPIDUS, complications/ *DIABETES INSIPIDUS, diagnosis/ FEMALE/ FSH, urine/ GROWTH DISORDERS/ HAIR/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ HYPERTONIC SOLUTIONS/ HYPOGONADISM, diagnosis/ HYPOPITUITARISM, complications/ *HYPOPITUITARISM, diagnosis/ HYPOTHALAMUS/ 17-KETOSTEROIDS, urine/ MALE/ METYRAPONE, therapeutic use/ MIDDLE AGE/ PINEALOMA, pathology/ PITUITARY DISEASES, pathology/ POLYURIA, chemically induced/ PROTEIN-BOUND IODINE TEST/ SELLA TURCICA/ SKULL, radiography/ TESTIS, pathology/ THIRST/ VISUAL FIELDS/ WATER, metabolism

2265. **Martinazzi M, Bonini PA, Carnevali L**: Studio morfologico dei reticolosarcomi e linfosarcomi del

testicolo.
Arch De Vecchi Anat Pat 50:373-88, Nov 67 (Ita)
ADOLESCENCE/ ADULT/ HUMAN/ *LYMPHOSARCOMA, pathology/ LYMPHOSARCOMA, radiotherapy/ LYMPHOSARCOMA, surgery/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ NEOPLASM RECURRENCE, LOCAL/ *SARCOMA, RETICULUM CELL, pathology/ SARCOMA, RETICULUM CELL, surgery/ *TESTICULAR NEOPLASMS, pathology/ TESTICULAR NEOPLASMS, radiotherapy/ TESTICULAR NEOPLASMS, surgery

2266. **Martinelli M, Bernardi P, Lo Bruno D:** Effetti del 6-metil-prednisolone (ad azione pronta e ad azione ritardata) sulla funzione surrenale glicoattiva, in rapporto all'età ed al sesso dei pazienti.
Endocr Sci Cost 30:298-306, Apr 69 (Ita)
*ADRENAL CORTEX HORMONES, metabolism/ *ADRENAL GLANDS, drug effects/ ADULT/ AGE FACTORS/ AGED/ *DELAYED-ACTION PREPARATIONS, pharmacodynamics/ FEMALE/ HUMAN/ *HYDROCORTISONE, metabolism/ MALE/ METHYLPREDNISOLONE, pharmacodynamics/ SEX FACTORS

2267. **Martínez-Manautou J:** Diez años de investigación con esteroides reguladores de la fertilidad.
Gac Med Mex 98:1560-75, Dec 68 (Spa)
ACETATES, pharmacodynamics/ ADULT/ CHLORMADINONE, pharmacodynamics/ CONTRACEPTIVE AGENTS, adverse effects/ ENDOMETRIUM, drug effects/ *ESTROGENS, pharmacodynamics/ FEMALE/ HUMAN/ MENSTRUATION, drug effects/ *OVULATION, drug effects/ *PROGESTATIONAL HORMONES, administration & dosage

2268. **Martula M, Sadliński C:** W sprawię operacji wola u dzieci. Endokr Pol 20:183-6, May-Jun 69 (Pol)
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ *GOITER, surgery/ *GOITER, EXOPHTHALMIC, surgery/ HUMAN/ MALE/ THYROIDECTOMY

2269. **Marubini E, Barghini G:** Ricerche sull'età media di comparsa della pubertà nella popolazione scolare femminile di Carrara.
Minerva Pediat 21:281-5, 18 Feb 69 (Ita)
ADOLESCENCE/ AGE FACTORS/ BIOMETRY/ CHILD/ FEMALE/ HEALTH SURVEYS/ HUMAN/ ITALY/ *PUBERTY

2270. **Marusic ET, Mulrow PJ:** 18-Hydrocorticosterone biosynthesis in an aldosterone secreting tumor and in the surrounding nontumorous adrenal gland.
Proc Soc Exp Biol Med 131:778-80, Jul 69
*ADRENAL GLAND NEOPLASMS, metabolism/ *ADRENAL GLANDS, metabolism/ *ALDOSTERONE, biosynthesis/ *ALDOSTERONE, secretion/ CARBON ISOTOPES/ CHROMATOGRAPHY, PAPER/ *CORTICOSTERONE, metabolism/ *GLUCOCORTICOIDS, biosynthesis/ HUMAN/ MALE/ MIDDLE AGE/ TRITIUM

2271. **Masarone M:** Su di un caso di sindrome di Russel.
Minerva Pediat 21:333-4, 25 Feb 69 (Ita)
*ASTROCYTOMA, surgery/ *BRAIN NEOPLASMS, surgery/ *CACHEXIA, etiology/ ELECTROENCEPHALOGRAPHY/ HUMAN/ HYPOTHALAMUS, pathology/ INFANT/ MALE/ NEUROLOGIC MANIFESTATIONS/ PNEUMOENCEPHALOGRAPHY/ PSYCHOMOTOR DISORDERS/ SKULL, radiography/ VENTRICULOGRAPHY

2272. **Mascher D, Peper K:** Zwei Einwärtskomponenten des Membranstromes im Myokard.
Pflueger Arch 307:R32-3, 1969 (Ger)
ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ *HEART, physiology/ HEART VENTRICLE/ *MEMBRANE POTENTIALS/ *MYOCARDIUM/ SHEEP/ SODIUM, metabolism

2273. **Mashimo K, Okamoto M:** [C21 steroid hormone]
Jap J Clin Med 27:386-93, Feb 69 (Jap)
*ADRENAL CORTEX HORMONES, analysis/ CHEMISTRY/ CHROMATOGRAPHY/ HUMAN/ MALE/ METHODS/ PROTEIN BINDING/ RADIOISOTOPE DILUTION TECHNIC

2274. **Maslowski J:** Zespół o cechach depresji endogennej w przebiegu leczenia pęcherzych deksametazonem.
Psychiat Pol 2:685-6, Nov-Dec 68 (Pol)
CASE REPORT/ *DEPRESSION, chemically induced/ *DEXAMETHASONE, adverse effects/ FEMALE/ HUMAN/ MIDDLE AGE/ *PEMPHIGUS, drug therapy/ *PSYCHOSES, TOXIC

2275. **Mason DT, Spann JF Jr, Zelis R:** New developments in the understanding of the actions of the digitalis glycosides.
Progr Cardiovasc Dis 11:443-78, May 69 (138 ref.)
ANIMAL EXPERIMENTS/ BLOOD CIRCULATION, drug effects/ CALCIUM, metabolism/ DIGITALIS GLYCOSIDES, administration & dosage/ DIGITALIS GLYCOSIDES, adverse effects/ DIGITALIS GLYCOSIDES, metabolism/ *DIGITALIS GLYCOSIDES, pharmacodynamics/ DIGITALIS GLYCOSIDES, therapeutic use/ DIGITALIS GLYCOSIDES, toxicity/ DRUG SYNERGISM/ *HEART, drug effects/ HEART DISEASES, drug therapy/ *HEART FAILURE, CONGESTIVE, drug therapy/ HEMODYNAMICS, drug effects/ HUMAN/ MYOCARDIUM, analysis/ *MYOCARDIUM, metabolism/ NOREPINEPHRINE, administration & dosage/ POTASSIUM, administration & dosage/ POTASSIUM, metabolism/ RESERPINE, administration & dosage/ REVIEW/ TACHYCARDIA, drug therapy/ THYROID HORMONES, administration & dosage

2276. **Massie ED, Gomes WR, VanDemark NL:** Effects of thyroidectomy or thyroxine on testicular tissue metabolism. J Reprod Fertil 18:173-4, Feb 69
ANIMAL EXPERIMENTS/ CARBON DIOXIDE, biosynthesis/ IN VITRO/ MALE/ OXYGEN CONSUMPTION/ RATS/ TESTIS, drug effects/ *TESTIS, metabolism/ TESTIS, pathology/ *THYROID GLAND, physiology/ THYROIDECTOMY/ *THYROXINE, pharmacodynamics

2277. **Massry SG, Coburn JW, Kleeman CR:** Renal handling of magnesium in the dog.
Amer J Physiol 216:1460-7, Jun 69
ANIMAL EXPERIMENTS/ CALCIUM, urine/ CALCIUM CHLORIDE/ DESOXYCORTICOSTERONE, pharmacodynamics/ DOGS/ FEMALE/ GLOMERULAR FILTRATION RATE/ KIDNEY, metabolism/ *KIDNEY, physiology/ MAGNESIUM, blood/ *MAGNESIUM, metabolism/ MAGNESIUM, urine/ METHODS/ PARATHYROID GLANDS/ SODIUM CHLORIDE, metabolism/ TISSUE EXTRACTS, pharmacodynamics

2278. **Massry SG, Coburn JW, Kleeman CR:** The influence of extracellular volume expansion on renal phosphate reabsorption in the dog. J Clin Invest 48:1237-45, Jul 69
ANIMAL EXPERIMENTS/ DOGS/ *EXTRACELLULAR SPACE, physiology/ FEMALE/ GLOMERULAR FILTRATION RATE/ INFUSIONS, PARENTERAL/ *KIDNEY TUBULES, physiology/ NATRIURESIS/ PARATHYROID GLANDS, physiology/ PARATHYROID GLANDS, surgery/ *PHOSPHATES, physiology/ PHOSPHATES, urine/ SODIUM CHLORIDE/ THYROIDECTOMY

2279. **Massry SG, Popovtzer MM:** The use of inorganic phosphate in the treatment of hypercalcemia.
Med Times 97:226-32, Aug 69
CALCIUM, blood/ CALCIUM, urine/ CAPSULES/ CREATININE, urine/ HUMAN/ *HYPERCALCEMIA, drug therapy/ INJECTIONS, INTRAVENOUS/ PHOSPHATES, blood/ *PHOSPHATES, therapeutic use/ PHOSPHATES, urine/ POTASSIUM, therapeutic use/ SODIUM, therapeutic use

2280. **Masuda Y:** [Bihemistry of phytohormones--mechanism of action of auxin]
J Jap Biochem Soc 41:97-110, Mar 69 (103 ref.) **(Jap)**
CELL DIFFERENTIATION/ CELL WALL, metabolism/ COMPLIANCE/ CYCLOHEXIMIDE, antagonists & inhibitors/ ESTRADIOL, pharmacodynamics/ MITOMYCIN, antagonists & inhibitors/ NUCLEIC ACIDS, metabolism/ *PLANT GROWTH REGULATORS/ PLANT GROWTH REGULATORS, antagonists & inhibitors/ PLANT GROWTH REGULATORS, pharmacodynamics/ PLANT PROTEINS, metabolism/ *PLANTS, growth & development/ REVIEW/ WHEAT, growth & development

2281. **Mathé AA, Knapp PH:** Decreased plasma free fatty acids and urinary epinephrine in bronchial asthma.
New Eng J Med 281:234-8, 31 Jul 69
ADRENAL MEDULLA, physiopathology/ ADULT/ *ASTHMA, blood/ ASTHMA, physiopathology/ *ASTHMA, urine/ *EPINEPHRINE, urine/ *FATTY ACIDS, NONESTERIFIED, blood/ HUMAN/ MALE/ NOREPINEPHRINE, urine/ RELAXATION/ STRESS, PSYCHOLOGIC/ SYMPATHETIC NERVOUS SYSTEM, physiopathology/ VANILMANDELIC ACID, urine

2282. **Mathé G:** La chimiothérapie des cancers (La recherche opérationnelle de son efficacité et sa place dans la stratégie therapeutique des maladies néoplasiques)
Presse Med 77:383-4, 1 Mar 69 **(Fre)**
*AGRANULOCYTOSIS, drug therapy/ *ANTINEOPLASTIC AGENTS, therapeutic use/ BONE MARROW CELLS, drug effects/ CYCLOPHOSPHAMIDE, administration & dosage/ DAUNOMYCIN, therapeutic use/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ *LEUKEMIA, LYMPHOCYTIC, drug therapy/ *LEUKEMIA, MYELOBLASTIC, drug therapy/ LEUKOCYTE COUNT/ METHOTREXATE, administration & dosage/ NEOPLASM CIRCULATING CELLS/ NEOPLASMS, radiotherapy/ NEOPLASMS, surgery/ PREDNISONE, therapeutic use/ VINBLASTINE, administration & dosage/ VINCRISTINE, therapeutic use

2283. **Mather EC, Dale HE:** Respiratory studies of bovine endometrial preparations.
J Reprod Fertil 18:174, Feb 69
ANIMAL EXPERIMENTS/ CATTLE/ ENDOMETRIUM, analysis/ *ENDOMETRIUM, metabolism/ ESTROGENS, physiology/ FEMALE/ IN VITRO/ NITROGEN, analysis/ *OXYGEN CONSUMPTION/ PROGESTERONE, physiology

2284. **Matheus G, Matinelli C:** Exfoliative cytologic study of female rats epithelium changes during the estrous cycle, pregnancy and puerperium.
Pakistan Dent Rev 19:44-7, Apr 69
CYTODIAGNOSIS/ ESTRUS/ MOUTH MUCOSA, cytology/ PREGNANCY/ PUERPERIUM/ RATS, physiology/ SEX HORMONES, physiology/ SPECIAL LIST DENTAL

2285. **Mathur RS:** Estrogen conjugates of hen's urine.
Canad J Biochem 47:535-8, May 69
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHICKENS, metabolism/ CHROMATOGRAPHY, THIN LAYER/ *ESTROGENIC SUBSTANCES, CONJUGATED, urine/ *ESTRONE, metabolism/ FEMALE/ *ORNITHINE, metabolism/ SOLVENTS/ STEROLS, urine/ TRITIUM

2286. **Matoušek J:** Effects on spermatogenesis in guinea-pigs, rabbits and sheep after their immunization with sexual organ fluids of bulls.
J Reprod Fertil 19:63-72, Jun 69
ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ CATTLE/ *EPIDIDYMIS, immunology/ GUINEA PIGS/ IMMUNIZATION/ MALE/ ORGAN WEIGHT/ RABBITS/ *SEMEN, immunology/ *SEMINAL VESICLES, immunology/ SHEEP/ *SPERMATOZOA/ TESTIS, pathology

2287. **Matsukura S:** [ACTH]
Jap J Clin Med 27:313-8, Feb 69 **(Jap)**
ADRENAL GLAND DISEASES, blood/ *CORTICOTROPIN, blood/ HUMAN/ IODINE ISOTOPES/ METHODS/ RADIOIMMUNOASSAY

2288. **Matsumoto K, Samuels LT:** Influence of steroid distribution between microsomes and soluble fraction on steroid metabolism by microsomal enzymes.
Endocrinology 85:402-9, Sep 69
ANDROSTANES, isolation & purification/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ HYDROXYPROGESTERONE, isolation & purification/ *HYDROXYPROGESTERONE, metabolism/ IN VITRO/ MALE/ MICE/ MICROSCOPY, ELECTRON/ MICROSOMES, enzymology/ *MICROSOMES, metabolism/ *PROGESTERONE, metabolism/ TESTIS, cytology/ TESTIS, enzymology/ *TESTIS, metabolism/ TESTOSTERONE, isolation & purification/ TRITIUM

2289. **Matsumoto S:** [The endocrinology of puberty and adolescence. The female sex glands]
Clin Endocr (Tokyo) 17:109-12, Feb 69 **(Jap)**
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ *ESTROGENS, physiology/ FEMALE/ FSH, urine/ *GONADOTROPINS, urine/ GROWTH/ HUMAN/ 17-KETOSTEROIDS, urine/ MENSTRUATION/ *OVARY, physiology/ PERIODICITY/ *PUBERTY

2290. **Matsuo S, Vitums A, King JR, et al:** Light-microscope studies of the cytology of the adenohypophysis of the white-crowned sparrow, Zonotrichia leucophrys gambelii. Z Zellforsch 95:143-76, 1969
ANIMAL EXPERIMENTS/ *BIRDS, anatomy & histology/ BIRDS, physiology/ *CASTRATION/ FEMALE/ HISTOLOGICAL TECHNICS/ *LIGHT/ MALE/ PITUITARY GLAND, anatomy & histology/ *PITUITARY GLAND, cytology/ PITUITARY GLAND, physiology/ *SEASONS/ STAINS AND STAINING

2291. **Matsuura K:** [Biochemical studies on the pathogenesis of retinitis pigmentosa. 1. Relative activity of MSH-like substance in the urine of patients with retinitis pigmentosa]
Folia Ophthal Jap 20:349-53, Apr 69 **(Jap)**
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ FISHES/ HUMAN/ *MSH, urine/ *RETINITIS PIGMENTOSA, urine

2292. **Mattelaer JJ, Frick J:** Zur Problematik der kongenitalen Hodenaplasie.
Z Urol 61:787-90, Nov 68 **(Ger)**
ADOLESCENCE/ ATROPHY, congenital/ CHILD/ CHILD, PRESCHOOL/ *CRYPTORCHISM, surgery/ HUMAN/ MALE/ *TESTICULAR DISEASES, congenital

2293. **Matthelj JA:** The ACTH cells in the adenohypophysis of the Mexican cave fish Anoptichthys jordani, as identified by metopirone (SU 4885) treatment.
Z Zellforsch 92:588-95, 1968
*ADRENAL GLANDS, cytology/ ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ CELL NUCLEUS/ CORTICOTROPIN, biosynthesis/ FEMALE/ *FISHES, anatomy & histology/ FISHES, physiology/ HISTOLOGICAL TECHNICS/ MALE/ *METYRAPONE, pharmacodynamics/ *PITUITARY GLAND, cytology/ PITUITARY GLAND, drug effects/ PITUITARY GLAND, physiology/ STATISTICS/ STIMULATION, CHEMICAL

2294. **Matthews GJ, Hassner A:** A synthesis of 16-beta,17-beta-iminoandrostanes.
Tetrahedron Lett 23:1833-6, May 69
*ANDROSTANES, chem synthesis/ *AZIRINES, chem synthesis

2295. **Matthey R, Petter F:** Existence de deux espèces distinctes, l'une chromosomiquement polymorphe, chez des Mus indiens du groupe booduga. Etude cytogénétique et taxonomique.

Rev Suisse Zool 75:461-98, Sep 68 (Fre)
ANIMAL EXPERIMENTS/ CHROMOSOME ABERRATIONS/ *CHROMOSOMES/ INDIA/ *MICE, classification/ POLYMORPHISM (GENETICS)/ SEX CHROMOSOMES/ *SPECIES SPECIFICITY

2296. **Mattner PE:** Ovarian blood flow in sheep during the oestrous cycle. J Reprod Fertil 19:385, Jul 69
ANIMAL EXPERIMENTS/ ESTRADIOL, secretion/ *ESTRUS/ FEMALE/ *OVARY, blood supply/ REGIONAL BLOOD FLOW/ SHEEP

2297. **Matuszewski B:** Regulation of growth of nurse nuclei in the development of egg follicles in Cecidomyiidae (Diptera). Chromosoma 25:429-69, 1968
ANIMAL EXPERIMENTS/ CELL NUCLEUS, metabolism/ DIPTERA/ DNA, biosynthesis/ FEMALE/ *GRAAFIAN FOLLICLE, growth & development/ *GRAAFIAN FOLLICLE, metabolism/ MITOSIS/ *OVARY, cytology/ RNA, biosynthesis

2298. **Matveev MP, Chudnovskaia MV:** Sostoianie pochechnoĭ osmoreguliatsii s nefroticheskoĭ formoĭ diffuznogo glomerulonefrita u deteĭ.
Pediatriia 47:49-53, Feb 68 (Rus)
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ GLOMERULONEPHRITIS, drug therapy/ *GLOMERULONEPHRITIS, metabolism/ HUMAN/ KIDNEY CONCENTRATING ABILITY/ KIDNEY FUNCTION TESTS/ PREDNISOLONE, therapeutic use/ *WATER-ELECTROLYTE BALANCE

2299. **Matysiak VG:** Vliianie parov benzina na funktsional'nuiu deiatel'nost' gipofiza, nadpochechnikov i i iachnikov belykh krys v éksperimente. Gig Sanit 33:98-100, Sep 68 (Rus)
*ADRENAL GLANDS, drug effects/ *AIR POLLUTION/ ANIMAL EXPERIMENTS/ *BENZENE, toxicity/ ENVIRONMENTAL EXPOSURE/ ORGAN WEIGHT/ *OVARY, drug effects/ *PITUITARY GLAND, drug effects/ RATS

2300. **Mauger JW, Paruta AN, Gerraughty RJ:** Consecutive first-order kinetic consideration of hydrocortisone hemisuccinate. J Pharm Sci 58:574-8, May 69
CHEMISTRY/ COLORIMETRY/ DRUG STABILITY/ *HYDROCORTISONE/ HYDROGEN-ION CONCENTRATION/ INDICATORS AND REAGENTS/ KINETICS/ SUCCINATES

2301. **Maurer RR, Whitener RH, Foote RH:** Relationship of in vivo gamete aging and exogenous hormones to early embryo development in rabbits.
Proc Soc Exp Biol Med 131:882-5, Jul 69
AGING/ ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ *EMBRYO, growth & development/ FEMALE/ *FSH, pharmacodynamics/ *GERM CELLS/ IN VITRO/ *LH, pharmacodynamics/ OVULATION/ *OVUM/ RABBITS/ *SPERMATOZOA/ STIMULATION, CHEMICAL/ TISSUE CULTURE

2302. **Mauvais-Jarvis P:** Evolution dans la conception de récepteur androgénique.
Presse Med 77:1128, 28 Jun 69 (Fre)
*ANDROGENS/ ANIMAL EXPERIMENTS/ BINDING SITES/ ESTRADIOL, metabolism/ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ MALE/ PROSTATE, drug effects/ PROSTATE, metabolism/ PROTEINS, biosynthesis/ *RECEPTORS, NEURAL, drug effects/ SEMINAL VESICLES, drug effects/ SEX CHARACTERISTICS, drug effects/ SKIN, drug effects/ SKIN, metabolism/ STANOLONE, pharmacodynamics/ TESTOSTERONE, metabolism/ TESTOSTERONE, pharmacodynamics

2303. **Mauvais-Jarvis P, Bercovici JP, Floch HH:** Influence des hormones sexuelles sur le métabolisme des androgènes.
Rev Franc Etud Clin Biol 14:159-68, Feb 69 (Fre)
ADULT/ *ANDROGENS, metabolism/ ANDROSTANES, metabolism/ ANDROSTANES, urine/ ANDROSTERONE, metabolism/ CARBON ISOTOPES/ CHILD/ ENGLISH ABSTRACT/ ENZYME INDUCTION/ ENZYME REPRESSION/ ESTROGENS, administration & dosage/ *ESTROGENS, metabolism/ ESTROGENS, therapeutic use/ ETHINYL ESTRADIOL, administration & dosage/ ETIOCHOLANOLONE, urine/ FEMALE/ GLUCURONATES, urine/ *GONADOTROPINS, CHORIONIC, pharmacodynamics/ HIRSUTISM, metabolism/ HUMAN/ MALE/ PROSTATE, metabolism/ PUBERTY/ SEX FACTORS/ *SEX HORMONES, pharmacodynamics/ STEIN-LEVENTHAL SYNDROME/ STEROIDS, urine/ SULFATES, urine/ TESTOSTERONE, administration & dosage/ TESTOSTERONE, metabolism/ TRITIUM

2304. **Maxwell MH:** Rein et hypertension artérielle.
Presse Med 77:943-6, 28 May 69 (Fre)
AMINOHIPPURIC ACID, physiology/ ANIMAL EXPERIMENTS/ DIABETIC NEPHROPATHIES, complications/ DIURESIS/ DOGS/ FANCONI SYNDROME, complications/ GLOMERULAR FILTRATION RATE/ GLOMERULONEPHRITIS, complications/ HUMAN/ HYPERTENSION, RENAL, complications/ HYPERTENSION, RENAL, pathology/ *HYPERTENSION, RENAL, physiopathology/ KIDNEY, physiopathology/ *KIDNEY GLOMERULUS, pathology/ KIDNEY, POLYCYSTIC, complications/ *KIDNEY TUBULES, pathology/ *NATRIURESIS/ NEPHRITIS, pathology/ PERFUSION/ PYELONEPHRITIS, complications/ RADIATION INJURY, EXPERIMENTAL/ RATS/ RENAL ARTERY, pathology

2305. **Mayer N:** Adaptation de Rana esculenta à des milieux varies. Etude speciale de l'excretion rénale de l'eau et des électrolytes au cours des changements de milieux.
Comp Biochem Physiol 29:27-50, Apr 69 (Fre)
ADAPTATION, PHYSIOLOGICAL/ ADRENAL CORTEX HORMONES, physiology/ ANIMAL EXPERIMENTS/ BLOOD/ DIURESIS/ ENGLISH ABSTRACT/ FROGS/ GLOMERULAR FILTRATION RATE/ ISOTONIC SOLUTIONS/ *KIDNEY, physiology/ KIDNEY TUBULES, physiology/ KINETICS/ MALE/ MANNITOL/ OSMOLAR CONCENTRATION/ PITUITARY HORMONES, POSTERIOR, physiology/ POTASSIUM, blood/ POTASSIUM, urine/ SKIN ABSORPTION/ SODIUM, blood/ SODIUM, urine/ SODIUM CHLORIDE/ TIME FACTORS/ URINE, physiology/ URINE, secretion/ WATER/ *WATER-ELECTROLYTE BALANCE

2306. **Mayne JG, Hatch GS:** Arthritis of the temporomandibular joint.
J Amer Dent Ass 79:125-30, Jul 69
*ARTHRITIS, therapy/ *ARTHRITIS, INFECTIOUS, pathology/ *ARTHRITIS, RHEUMATOID, complications/ *COSTEN'S SYNDROME/ HUMAN/ INJECTIONS, INTRA-ARTICULAR/ JOINT DISEASES, etiology/ METABOLIC DISEASES, complications/ *OSTEOARTHRITIS, pathology/ STEROIDS, therapeutic use/ *TEMPOROMANDIBULAR JOINT, pathology

2307. **Mazza C, Palmieri L:** Terapia cortisonica endorachidea in un caso di uveomeningite di Vogt-Koyanagi-Harada.
Riv Otoneurooftal 42:345-56, Sep-Oct 67 (Ita)
CEREBROSPINAL FLUID, analysis/ FEMALE/ HUMAN/ *HYDROCORTISONE, administration & dosage/ INTRAOCULAR PRESSURE/ MIDDLE AGE/ *PIGMENTATION DISORDERS, drug therapy/ SPINAL PUNCTURE/ UVEITIS, drug therapy/ UVEOMENINGOENCEPHALITIC SYNDROME, drug therapy

2308. **Mazzaferri EL, Skillman TG:** Diazepam (Valium) and thyroid function: a double-blind, placebo controlled study in normal volunteers showing no drug effect.
Amer J Med Sci 257:388-94, Jun 69
ADULT/ CHOLESTEROL, blood/ CLINICAL RESEARCH/ DIAZEPAM, adverse effects/

*DIAZEPAM, pharmacodynamics/ FEMALE/ HUMAN/ HYPERTHYROIDISM, diagnosis/ MALE/ MIDDLE AGE/ PLACEBOS/ PROTEIN-BOUND IODINE TEST/ *THYROID GLAND, drug effects/ THYROID GLAND FUNCTION TESTS/ THYROXINE, blood/ TRIIODOTHYRONINE

2309. **Mckusick VA**: Alteraciones hereditables del tejido conectivo. Estado actual.
Medicina (B Air) 28:387-412, Nov-Dec 68 (139 ref.) (Spa)
ARACHNODACTYLY, pathology/ *CONNECTIVE TISSUE, pathology/ CUTIS LAXA, pathology/ EHLERS-DANLOS SYNDROME, pathology/ ELASTIC TISSUE, pathology/ *HEREDITARY DISEASES, pathology/ HOMOCYSTINURIA, pathology/ HUMAN/ OSTEOGENESIS IMPERFECTA, pathology/ PSEUDOXANTHOMA ELASTICUM, pathology/ REVIEW

2310. **Mead RA, Eik-Nes KB**: Oestrogen levels in peripheral blood plasma of the spotted.
J Reprod Fertil 18:351-3, Mar 69
ANIMAL EXPERIMENTS/ *CARNIVORA, physiology/ ESTRADIOL, blood/ *ESTROGENS, blood/ ESTRONE, blood/ ESTRUS/ FEMALE/ NIDATION/ TIME FACTORS

2311. **Mears E, Vessey MP, Andolšek L, et al**: Preliminary evaluation of four oral contraceptives containing only progestogens. Brit Med J 1:730-4, 21 Jun 69
ADOLESCENCE/ ADULT/ CHLORMADINONE, adverse effects/ CHLORMADINONE, therapeutic use/ CLINICAL RESEARCH/ *CONTRACEPTIVES, ORAL, therapeutic use/ ENDOMETRIUM, cytology/ FEMALE/ HUMAN/ MEGESTROL, adverse effects/ MEGESTROL, therapeutic use/ MENSTRUATION DISORDERS, chemically induced/ NORETHINDRONE, adverse effects/ NORETHINDRONE, therapeutic use/ PREGNANCY/ PROGESTATIONAL HORMONES, adverse effects/ *PROGESTATIONAL HORMONES, therapeutic use

2312. **Medina del Campo JJ, Maqueo M, García G**: Estudio histoquímico y morfológico del endometrio en mujeres tratadas con clormadinona 0.5 mg.
Ginec Obstet Mex 24:217-21, Feb 69 (Spa)
BIOPSY/ *CHLORMADINONE, therapeutic use/ *ENDOMETRIUM, drug effects/ ENGLISH ABSTRACT/ FEMALE/ HUMAN

2313. **Medlinsky JT, Napier CD, Gurney CW**: The use of an antiandrogen to further investigate the erythropoietic effects of androgens.
J Lab Clin Med 74:85-92, Jul 69
ANIMAL EXPERIMENTS/ *ERYTHROPOIESIS, drug effects/ ERYTHROPOIETIN, biosynthesis/ FEMALE/ *17-HYDROXYCORTICOSTEROIDS, pharmacodynamics/ IRON, metabolism/ MICE/ *TESTOSTERONE, pharmacodynamics

2314. **Meeus-Bith L, Clavel B, Gazeau JN, et al**: Emploi de la cyclophosphamide à doses massives dans le traitement des tumeurs solides humaines.
Sem Hop Paris 44:3307-20, 20 Dec 68 (Fre)
ANTIBIOTICS, therapeutic use/ ASPHYXIA, prevention & control/ BLOOD CELL COUNT/ BREAST NEOPLASMS, drug therapy/ BRONCHIAL NEOPLASMS, drug therapy/ CARCINOID TUMOR, drug therapy/ CARCINOMA, BASAL CELL, drug therapy/ CARCINOMA, BRONCHIOLAR, drug therapy/ COBALT ISOTOPES, therapeutic use/ *CYCLOPHOSPHAMIDE, administration & dosage/ CYCLOPHOSPHAMIDE, adverse effects/ ENGLISH ABSTRACT/ GLUCOCORTICOIDS, therapeutic use/ IMMUNOCHEMISTRY/ INJECTIONS, INTRAVENOUS/ LEUKOPENIA, chemically induced/ LYMPHOSARCOMA, drug therapy/ MEDIASTINAL NEOPLASMS, drug therapy/ *NEOPLASMS, drug therapy/ RADIOISOTOPE SCANNING/ RADIOTHERAPY, HIGH ENERGY/ SARCOMA, RETICULUM CELL, drug therapy/ TRACHEAL NEOPLASMS, drug therapy

2315. **Meglioli G, Krahenbuhl C, Desaulles PA**: The action of sex hormones on endometrial secretion in spayed rats sensitized to oestradiol.
Experientia 25:194-5, 15 Feb 69
ANIMAL EXPERIMENTS/ *BODY FLUIDS/ CASTRATION/ *ENDOMETRIUM, secretion/ EPITHELIUM/ *ESTRADIOL, pharmacodynamics/ FEMALE/ HYDROGEN-ION CONCENTRATION/ ORGAN WEIGHT/ *PROGESTERONE, pharmacodynamics/ RATS/ STIMULATION, CHEMICAL/ TESTOSTERONE, pharmacodynamics/ UTERUS, drug effects/ VISCOSITY

2316. **Meikle AW, Jubiz W, Hutchings MP, et al**: A simplified metyrapone test with determination of plasma 11-deoxycortisol (Metyrapone test with plasma S).
J Clin Endocr 29:985-7, Jul 69
ADRENAL GLAND HYPERFUNCTION, diagnosis/ ADRENAL GLAND HYPOFUNCTION, diagnosis/ ADRENAL GLAND NEOPLASMS, diagnosis/ BLOOD CHEMICAL ANALYSIS/ CHEMISTRY, CLINICAL/ CORTICOSTERONE, blood/ CORTISONE, blood/ CUSHING'S SYNDROME, diagnosis/ DESOXYCORTICOSTERONE, blood/ HUMAN/ HYDROCORTISONE, blood/ *17-HYDROXYCORTICOSTEROIDS, blood/ HYDROXYPROGESTERONE, blood/ HYPOPITUITARISM, diagnosis/ METHODS/ *METYRAPONE, diagnostic use/ *PITUITARY GLAND FUNCTION TESTS/ PROGESTERONE, blood/ PROTEIN BINDING/ *TRANSCORTIN/ TRITIUM

2317. **Meinders AE, Leeuwen AM van, Vries LA de**: Antidiuretic effect of chlorpropamide.
Folia Med Neerl 12:58-68, 2 Dec 69
ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ *CHLORPROPAMIDE, pharmacodynamics/ CHLORPROPAMIDE, therapeutic use/ *DIABETES INSIPIDUS, drug therapy/ *DIURESIS, drug effects/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ OSMOLAR CONCENTRATION/ URINE

2318. **Meissner J, Wulff U, Hansen HG**: Tierexperimentelle Indikatorstundine zum Einfluss katabol und anabol wirksamer Steroide.
Arzneimittelforschung 19:606-13, Apr 69 (Ger)
BONE MARROW, analysis/ BONE MARROW, drug effects/ COMPARATIVE STUDY/ DEPRESSION, CHEMICAL/ *DNA, analysis/ DNA, antagonists & inhibitors/ DUODENUM, analysis/ DUODENUM, drug effects/ KIDNEY, analysis/ KIDNEY, drug effects/ *LIPIDS, analysis/ LYMPH NODES, analysis/ MALE/ *METHENOLONE, pharmacodynamics/ PHOSPHATES/ PHOSPHORUS ISOTOPES/ *PREDNISOLONE, pharmacodynamics/ RABBITS/ RADIOAUTOGRAPHY/ *RNA, analysis/ SPLEEN, analysis/ SPLEEN, drug effects/ STIMULATION, CHEMICAL/ TESTIS, analysis/ TESTIS, drug effects/ THYMIDINE/ THYMUS GLAND, analysis/ THYMUS GLAND, drug effects/ TRITIUM

2319. **Mela L, Chance B**: Calcium carrier and the "high affinity calcium binding site" in mitochondria.
Biochem Biophys Res Commun 35:556-9, 22 May 69
ANIMAL EXPERIMENTS/ BINDING SITES/ BIOLOGICAL TRANSPORT/ *CALCIUM, metabolism/ DEPRESSION, CHEMICAL/ HOLMIUM/ KIDNEY, cytology/ *MITOCHONDRIA, metabolism/ *MITOCHONDRIA, LIVER, metabolism/ *MITOCHONDRIA, MUSCLE, metabolism/ MYOCARDIUM, cytology/ PIGEONS/ PRASEODYMIUM/ RATS

2320. **Melamed MR, Koss LG, Flehinger BJ, et al**: Prevalence rates of uterine cervical carcinoma in situ for women using the diaphragm or contraceptive oral steroids.
Brit Med J 3:195-200, 26 Jul 69
ADOLESCENCE/ ADULT/ AGE FACTORS/ *CERVIX NEOPLASMS, etiology/ *CERVIX NEOPLASMS, occurrence/ CERVIX

NEOPLASMS, pathology/ *CONTRACEPTIVE DEVICES, adverse effects/ *CONTRACEPTIVES, ORAL, adverse effects/ ESTROGENS, adverse effects/ FEMALE/ HEALTH SURVEYS/ HUMAN/ MIDDLE AGE/ NEW YORK CITY/ PREGNANCY/ PROGESTATIONAL HORMONES, adverse effects

2321. **Melby JC, Dale SL:** Comparison of absorption, disposal, and activity of soluble and repository corticosteroid esters. Clin Pharmacol Ther 10:344-9, May-Jun 69
ACETATES/ CARBON ISOTOPES/ *DEXAMETHASONE, blood/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, urine/ MALE/ PHOSPHATES/ TRITIUM

2322. **Melnykovych G, Bishop CF:** Relationships between steroid binding and elevation of alkaline phosphatase in HeLa cells.
Biochim Biophys Acta 177:579-85, 6 May 69
*ADRENAL CORTEX HORMONES, pharmacodynamics/ *ALKALINE PHOSPHATASE/ BINDING SITES/ CHEMISTRY/ CORTISONE, pharmacodynamics/ DESOXYCORTICOSTERONE, pharmacodynamics/ *HELA CELLS, enzymology/ *PREDNISOLONE, pharmacodynamics/ PREDNISONE, pharmacodynamics/ PREGNANES, pharmacodynamics/ PREGNENOLONE, pharmacodynamics/ PROGESTERONE, pharmacodynamics/ STEROLS, pharmacodynamics/ STIMULATION, CHEMICAL/ TISSUE CULTURE/ TRYPSIN

2323. **Melsom ME:** Komplikasjoner ved Mycoplasma pneumoniae infeksjoner.
T Norsk Laegeforen 89:820-1, 1 Jun 69 **(Nor)**
ADULT/ ANEMIA, HEMOLYTIC, ACQUIRED, drug therapy/ *ANEMIA, HEMOLYTIC, ACQUIRED, etiology/ ANTIBIOTICS, therapeutic use/ BLOOD TRANSFUSION/ ENGLISH ABSTRACT/ *ERYTHEMA NODOSUM, etiology/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ MYCOPLASMA, isolation & purification/ *MYCOPLASMA INFECTIONS, complications/ MYCOPLASMA INFECTIONS, drug therapy/ PREDNISONE, therapeutic use

2324. **Meltzer H:** Muscle enzyme release in the acute psychoses.
Arch Gen Psychiat (Chicago) 21:102-12, Jul 69
*ALDOLASE, blood/ ALDOLASE, cerebrospinal fluid/ BODY WEIGHT/ *CREATINE KINASE, blood/ *DEPRESSION, enzymology/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ *MUSCLES, enzymology/ MUSCLES, secretion/ MYOGLOBIN, urine/ PARENTS/ *PSYCHOSES, MANIC-DEPRESSIVE, enzymology/ *SCHIZOPHRENIA, enzymology/ SCHIZOPHRENIA, CHILDHOOD, enzymology

2325. **Mendelson M:** Electrical and mechanical characteristics of a very fast lobster muscle.
J Cell Biol 42:548-63, Aug 69
ANIMAL EXPERIMENTS/ BIOMECHANICS/ CALCIUM, metabolism/ *CRUSTACEA/ ELECTROMYOGRAPHY/ EVOKED POTENTIALS/ IN VITRO/ MEMBRANE POTENTIALS/ *MUSCLE CONTRACTION/ *MUSCLES, innervation/ *MUSCLES, physiology

2326. **Menge AC:** Early embryo mortality in heifers isoimmunized with semen and conceptus.
J Reprod Fertil 18:67-74, Feb 69
ANIMAL EXPERIMENTS/ CATTLE/ EMBRYO, immunology/ ESTRUS/ FEMALE/ *FETAL DEATH, etiology/ FREUND'S ADJUVANT/ IMMUNE SERUMS/ IMMUNIZATION/ INSEMINATION/ *ISOANTIGENS/ MALE/ PREGNANCY/ RABBITS/ *SEMEN, immunology/ STERILITY, FEMALE, etiology/ TESTIS, immunology

2327. **Mengel K, Schwabe U:** Lipolyse an isolierten Fettzellen von Fettsüchtigen Mäusen (obese mice)
Naunyn Schmiedeberg Arch Pharm Exp Path 260:176, 1968 **(Ger)**
ADENYL CYCLASE, metabolism/ ADIPOSE TISSUE, enzymology/ *ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ CORTICOTROPIN, pharmacodynamics/ IN VITRO/ MICE/ NOREPINEPHRINE, pharmacodynamics/ *OBESITY, metabolism/ PHOSPHATASES, metabolism/ STIMULATION, CHEMICAL/ THEOPHYLLINE, pharmacodynamics

2328. **Menguy R:** Pseudohyperparathyroidism due to malignant melanoma.
Surg Clin N Amer 49:49-56, Feb 69
BONE NEOPLASMS/ FEMALE/ HUMAN/ *HYPERCALCEMIA, etiology/ *HYPERTHYROIDISM, etiology/ *MELANOMA, complications/ MELANOMA, surgery/ NEOPLASM METASTASIS/ *PHOSPHORUS METABOLISM DISORDERS, etiology/ *THIGH

2329. **Merchie G:** La thyroide lingulae.
Rev Med Liege 22:333-5, 15 Jun 67 **(Fre)**
ADULT/ FEMALE/ HUMAN/ *HYPOTHYROIDISM, etiology/ *THYROID GLAND, abnormalities/ *TONGUE

2330. **Merimee TJ, Fineberg SE, Tyson JE:** Fluctuations of human growth hormone secretion during menstrual cycle: response to arginine.
Metabolism 18:606-8, Jul 69
ADULT/ *ARGININE, pharmacodynamics/ ESTROGENS, physiology/ FEMALE/ HUMAN/ *MENSTRUATION/ SEX FACTORS/ SOMATOTROPIN, blood/ *SOMATOTROPIN, secretion/ STIMULATION, CHEMICAL

2331. **Merimee TJ, Rabinowtitz D, Fineberg SE:** Arginine-initiated release of human growth hormone. Factors modifying the response in normal man.
New Eng J Med 280:1434-8, 26 Jun 69
ADOLESCENCE/ ADULT/ ARGININE, administration & dosage/ BLOOD SUGAR, analysis/ BODY WEIGHT/ DIETHYLSTILBESTROL, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ EXERTION/ FEMALE/ HUMAN/ HYPERGLYCEMIA, blood/ INJECTIONS, INTRAVENOUS/ MALE/ METHYLTESTOSTERONE, pharmacodynamics/ *PITUITARY GLAND FUNCTION TESTS, standards/ SEX FACTORS/ *SOMATOTROPIN, blood/ STIMULATION, CHEMICAL

2332. **Merimee TJ, Rimoin DL, Rabinowitz D, et al:** Metabolic studies in the African pygmy.
Trans Ass Amer Physicians 81:221-30, 1968
AFRICA/ ARGININE, diagnostic use/ *BINDING SITES/ BLOOD UREA NITROGEN/ *DWARFISM, PITUITARY/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ HUMAN/ HYPOGLYCEMIA, chemically induced/ IMMUNOASSAY/ INSULIN, blood/ INSULIN, diagnostic use/ MALE/ NEGROID RACE/ *SOMATOTROPIN, blood

2333. **Merkova MA, Fridliand IB, Ginzburg MB, et al:** Izmenenie biokhimicheskikh pokazateleĭ pri luchevoĭ terapii opukholeĭ gipofiza.
Med Radiol (Moskva) 12:8-13, Feb 67 **(Rus)**
ADOLESCENCE/ ADULT/ BLOOD PROTEIN ELECTROPHORESIS/ *BLOOD PROTEINS/ *BLOOD SUGAR/ CHILD/ *CHOLESTEROL, blood/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PITUITARY NEOPLASMS, blood/ *PITUITARY NEOPLASMS, radiotherapy/ *POTASSIUM, blood/ *SODIUM, blood/ *ZINC, blood

2334. **Merrifield RB:** Solid-phase peptide synthesis.
Advances Enzym 32:221-96, 1969 (267 ref.)
AMINO ACIDS/ ANGIOTENSIN, chem synthesis/ FERREDOXINS, chem synthesis/ HYDROGEN-ION CONCENTRATION/ INSULIN, chem synthesis/ OXYTOCIN, chem synthesis/ *PEPTIDES, chem synthesis/ POLYSTYRENES/ RADIOAUTOGRAPHY/ RESINS/ REVIEW/ TRITIUM/ VASOPRESSIN, chem synthesis

2335. **Merry J, Marks V:** A test for alcoholism? Lancet 2:107-8, 12 Jul 69
ADAPTATION, PHYSIOLOGICAL/ *ALCOHOLISM, diagnosis/ DRUG TOLERANCE/ HUMAN/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, drug effects/ *PITUITARY-ADRENAL SYSTEM, drug effects

2336. **Mersmann HJ, Segal HL:** Glucocorticoid control of the liver glycogen synthetase-activating system. J Biol Chem 244:1701-4, 10 Apr 69
*ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ DIET/ *ENZYME PRECURSORS/ FASTING/ *GLUCOCORTICOIDS, pharmacodynamics/ *GLUCOSYLTRANSFERASES, metabolism/ *LIVER, enzymology/ LIVER, metabolism/ LIVER GLYCOGEN, biosynthesis/ RATS/ STIMULATION, CHEMICAL/ TIME FACTORS/ TRITIUM

2337. **Mertelsmann R:** Purification and some properties of a soluble DNA-dependent RNA polymerase from nuclei of human placenta. Europ J Biochem 9:311-8, Jun 69
AMMONIUM COMPOUNDS/ CARBON ISOTOPES/ *CELL NUCLEUS, enzymology/ CHROMATOGRAPHY, ION EXCHANGE/ DEAE-CELLULOSE/ DNA/ FEMALE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ METHODS/ MICROSCOPY, ELECTRON/ NUCLEOTIDES/ PEPTIDE HYDROLASES, antagonists & inhibitors/ PLACENTA, cytology/ *PLACENTA, enzymology/ POLYNUCLEOTIDES/ PREGNANCY/ RIBONUCLEASE/ *RNA NUCLEOTIDYL- TRANSFERASES/ RNA NUCLEOTIDYL- TRANSFERASES, isolation & purification/ SOLUBILITY/ TEMPERATURE/ TIME FACTORS/ TRITIUM

2338. **Merwin RM, Redmon LW:** Skeletal and reticular tissue disorders produced in mice by agent(s) from Sarcoma 37. J Nat Cancer Inst 43:365-76, Aug 69
AGE FACTORS/ ANIMAL EXPERIMENTS/ BONE AND BONES, pathology/ *BONE DISEASES, etiology/ BONE DISEASES, pathology/ FEMALE/ IMMUNE SERUMS/ *LEUKEMIA, EXPERIMENTAL, etiology/ MALE/ MICE/ MOLONEY VIRUS, immunology/ *MOUSE LEUKEMIA VIRUSES/ MOUSE LEUKEMIA VIRUSES, growth & development/ MOUSE LEUKEMIA VIRUSES, immunology/ *SARCOMA 37, microbiology/ *SARCOMA, RETICULUM CELL, etiology/ SEX FACTORS/ SPLEEN, pathology/ *SPLENOMEGALY, etiology/ THYMUS GLAND, pathology/ TISSUE EXTRACTS

2339. **Meskó K, Fetzer A:** Iatrogene polyätiologische Hypokaliämie. Praxis 57:20-3, 9 Jan 68 (Ger)
*CORTISONE, adverse effects/ FEMALE/ HUMAN/ *HYPOKALEMIA, chemically induced/ KIDNEY DISEASES, chemically induced/ MIDDLE AGE

2340. **Messier B:** Effect of exogenous thyroxine on 3H-thymidine uptake in mouse pituitary gland. Acta Endocr (Kobenhavn) 61:133-6, May 69
ANIMAL EXPERIMENTS/ DEPRESSION, CHEMICAL/ FEMALE/ MICE/ PITUITARY GLAND, drug effects/ *PITUITARY NEOPLASMS, metabolism/ *THYMIDINE, metabolism/ THYROIDECTOMY/ THYROTROPIN/ *THYROXINE, pharmacodynamics/ TRITIUM

2341. **Metcalf D:** The effect of bleeding on the number of in vitro colony-forming cells in the bone marrow. Brit J Haemat 16:397-407, Apr 69
ANEMIA, blood/ ANIMAL EXPERIMENTS/ BLOOD TRANSFUSION/ *BONE MARROW CELLS/ CORTISONE, pharmacodynamics/ ERYTHROCYTES/ ERYTHROPOIESIS/ HEMATOCRIT/ *HEMORRHAGE, blood/ HEMORRHAGE, complications/ LEUKOCYTE COUNT/ MICE/ POLYCYTHEMIA, blood/ SPLEEN, cytology/ SPLENECTOMY/ SPLENOMEGALY, etiology/ TISSUE CULTURE

2342. **Metz CE:** Predicting the minimum activity required for thyroid-uptake studies. J Nucl Med 10:475-9, Jul 69
*IODINE ISOTOPES, DIAGNOSTIC/ MODELS, THEORETICAL/ *RADIATION MONITORING/ RADIOMETRY/ STATISTICS/ *THYROID GLAND, metabolism

2343. **Metz EA:** A study of the unconjugated steroids of bovine heart. II. Comparison of steroids of the male heart with those of the female heart. J Amer Osteopath Ass 68:1052-4, Jun 69
ANDROGENS, analysis/ ANIMAL EXPERIMENTS/ CATTLE/ ESTROGENS, analysis/ FEMALE/ MALE/ *MYOCARDIUM, analysis/ SEX FACTORS/ *STEROIDS, analysis

2344. **Mey R:** Acerca de la profilaxis de las molas. Folia Clin Int (Barc) 17:264-5, May 67 (Spa)
CHLORMADINONE, therapeutic use/ *HYDATIDIFORM MOLE, prevention & control/ PREGNANCY

2345. **Meyer D:** Autoradiographische Untersuchungen zum RNS- und DNS-Stoffwechsel der Rattennebenniere nach Hypophysektomie. Z Zellforsch 92:447-51, 1968 (Ger)
*ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ *DNA, metabolism/ ENGLISH ABSTRACT/ HISTOLOGICAL TECHNICS/ *HYPOPHYSECTOMY/ MALE/ NUCLEOSIDES/ RADIOAUTOGRAPHY/ RATS/ *RNA, metabolism/ STATISTICS/ THYMIDINE/ TRITIUM

2346. **Meyer D, Larrieu MJ, Sultan Y, et al:** La chirurgie dans la maladie de Willebrand (à propos de trois observations personnelles) Nouv Rev Franc Hemat 9:307-10, Mar-Apr 69 (Fre)
BLOOD COAGULATION TESTS/ BLOOD TRANSFUSION/ *CHOLECYSTECTOMY/ CORTISONE, therapeutic use/ FACTOR VIII, analysis/ *FALLOPIAN TUBES, surgery/ FEMALE/ HUMAN/ PLATELET ADHESIVENESS/ PREDNISONE, therapeutic use/ PREOPERATIVE CARE/ *TONSILLECTOMY/ *VON WILLEBRAND'S DISEASE, surgery

2347. **Meyer JS, Steinberg LS:** Microscopically benign thyroid follicles in cervical lymph nodes. Serial section study of lymph node inclusions and entire thyroid gland in 5 cases. Cancer 24:302-11, Aug 69
ADULT/ AGED/ ARTERIOSCLEROSIS, pathology/ BLADDER NEOPLASMS, pathology/ *CARCINOMA, pathology/ *CARCINOMA, PAPILLARY, pathology/ CELL NUCLEUS/ ESOPHAGEAL VARICES, pathology/ HUMAN/ INFLAMMATION/ LIVER CIRRHOSIS, pathology/ *LYMPH NODES, pathology/ MALE/ METHODS/ MIDDLE AGE/ *NECK/ *THYROID GLAND, pathology/ *THYROID NEOPLASMS, pathology/ VASCULAR DISEASES, pathology

2348. **Meyer P, Ménard J, Papanicolau N, et al:** Re-evaluation of the role of hypovolemia on the release of renin. Experientia 25:498-9, 15 May 69
ARTERIES/ BLOOD PRESSURE/ *BLOOD VOLUME/ *ETHACRYNIC ACID, pharmacodynamics/ *FUROSEMIDE, pharmacodynamics/ HEART RATE/ HEMATOCRIT/ HEMORRHAGE, physiopathology/ INULIN, metabolism/ KIDNEY, physiopathology/ NATRIURESIS/ PLASMA VOLUME/ RENIN, blood/ RENIN, physiology/ *RENIN, secretion/ VEINS

2349. **Mezinova NN, Krivets NA:** Soderzhanie 17-neĭtral'nykh ketosteroidov i degidrozepiandrosterona v moche bol'nykh pri predrakovykh zabolevaniiakh i rake sheĭki matki. Vop Onkol 15:77-9, 1969 (Rus)
ADULT/ *CERVIX NEOPLASMS, urine/ *DEHYDROEPIANDROSTERONE, urine/ FEMALE/ HUMAN/ *17-KETOSTEROIDS, urine/ MIDDLE AGE/ *PRECANCEROUS CONDITIONS, urine

2350. **Michaelis D, Schäfer H, Köhler E, et al:** Effect of insulin on the metabolism of fat and carbohydrate in growth-onset diabetes with angiolopathy.

Pol Arch Med Wewnet 42:487-95, 1969
ADOLESCENCE/ CATECHOLAMINES, blood/ *DIABETES MELLITUS, drug therapy/ DIABETES MELLITUS, JUVENILE, drug therapy/ *DIABETIC ANGIOPATHIES, drug therapy/ DIETARY CARBOHYDRATES, metabolism/ DIETARY FATS, metabolism/ HUMAN/ HYDROCORTISONE, blood/ *INSULIN, therapeutic use/ MALE/ SOMATOTROPIN, blood

2351. **Michaels L, Buttoo AS, Hills P:** Fulminating hemolytic streptococcal infection. Canad J Surg 12:318-25, Jul 69
ACUTE DISEASE/ ADULT/ ANIMAL EXPERIMENTS/ AXILLA, pathology/ EDEMA, etiology/ FEMALE/ HUMAN/ HYDROCORTISONE, administration & dosage/ HYDROCORTISONE, adverse effects/ INJECTIONS/ LUNG, microbiology/ MALE/ MICE/ MIDDLE AGE/ MITRAL VALVE, microbiology/ MYOCARDIUM, pathology/ SHOCK, drug therapy/ SKIN ULCER, pathology/ SPLEEN, microbiology/ *STREPTOCOCCAL INFECTIONS, pathology/ STREPTOCOCCUS, isolation & purification/ THORAX, pathology

2352. **Michel JR:** L'urographie intraveineuse dans l'étude de l'hypertension rénovasculaire.
Radiol Clin (Basel) 37:209-18, 1968 **(Fre)**
ADOLESCENCE/ ADULT/ FEMALE/ HUMAN/ *HYPERTENSION, RENAL, radiography/ INJECTIONS, INTRAVENOUS/ MALE/ METHODS/ NEPHRECTOMY/ RENAL ARTERY OBSTRUCTION, radiography/ RENIN, blood/ UROGRAPHY

2353. **Michel-Bechet M, Cotte G, Lieutaud R, et al:** Stades évolutifs des nodules thyroidiens sécrétants autonomes. Etude histologique et historadio-autographique en microscopie optique et électronique. Marseille Med 106:29-32, 1969 **(Fre)**
HUMAN/ MICROSCOPY/ MICROSCOPY, ELECTRON/ RADIOAUTOGRAPHY/ *THYROID DISEASES, pathology/ *THYROID GLAND, pathology

2354. **Middleton WR, Thompson GR:** The mechanism of steatorrhea in induced hyperthyroidism in the rat.
J Lab Clin Med 74:19-30, Jul 69
ANIMAL EXPERIMENTS/ BILE ACIDS AND SALTS, analysis/ CARBON ISOTOPES/ FATTY ACIDS, NONESTERIFIED, metabolism/ GASTROINTESTINAL MOTILITY/ *HYPERTHYROIDISM, complications/ *INTESTINAL ABSORPTION/ LINOLEIC ACID/ *LIPIDS, metabolism/ MALABSORPTION SYNDROMES, etiology/ OLEIC ACID/ PANCREATIC DISEASES, complications/ RATS/ *SPRUE, etiology/ SPRUE, physiopathology/ TRIGLYCERIDES, metabolism/ TRIOLEIN

2355. **Midgley AR Jr, Niswender GD, Ram JS:** Hapten-radioimmunoassay: a general procdure for the estimation of steroidal and other haptenic substances.
Steroids 13:731-7, Jun 69
CATTLE/ CHOLESTEROL, analysis/ CORTICOSTERONE, analysis/ CORTISONE, analysis/ ESTRADIOL, analysis/ ESTRIOL, analysis/ *ESTROGENS, analysis/ ESTRONE, analysis/ *HAPTENS, analysis/ HUMAN/ HYDROCORTISONE, analysis/ IMMUNE SERUMS/ METHODS/ PROGESTERONE, analysis/ RABBITS/ RADIOIMMUNOASSAY/ *SERUM ALBUMIN, RADIO-IODINATED/ *STEROIDS, analysis/ *STEROLS, analysis/ TESTOSTERONE, analysis

2356. **Miech G, Stoebner P, Meunier-Carus J, et al:** La protéinose alvéolaire. Deux observations avec étude ultrastructurale.
Sem Hop Paris 45:576-86, 20 Feb 69 **(Fre)**
ACETYLCYSTEINE, therapeutic use/ ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ ANTIBIOTICS, therapeutic use/ AUTOANTIBODIES/ BIOPSY/ BRONCHOSCOPY/ COUGH, etiology/ DYSPNEA/ ENGLISH ABSTRACT/ HEPARIN, therapeutic use/ HUMAN/ IMMUNOELECTROPHORESIS/ LIPOPROTEINS, analysis/ MALE/ MICROSCOPY, ELECTRON/ MUCOPROTEINS, analysis/ NYSTATIN, therapeutic use/ PLEURAL EFFUSION, etiology/ *PULMONARY ALVEOLAR PROTEINOSIS/ PULMONARY ALVEOLI, pathology/ RESPIRATORY FUNCTION TESTS/ SPUTUM, analysis/ TRYPSIN, therapeutic use

2357. **Miecznikowski A, Zgliczyński JM, Serwacki A, et al:** Wpływ urazu operacyjnego na poziom gonadotropin.
Pol Przegl Chir 41:401-5, 1969 **(Pol)**
*ADRENAL CORTEX HORMONES, secretion/ ADRENAL CORTEX HORMONES, urine/ ADULT/ *CHOLECYSTECTOMY/ ENGLISH ABSTRACT/ FEMALE/ *GONADOTROPINS, PITUITARY, secretion/ GONADOTROPINS, PITUITARY, urine/ HUMAN

2358. **Mietkiewski K, Lukaszyk A:** The response of the rat testis to prolonged administration of an androgen antagonist (cyproterone).
Acta Endocr (Kobenhavn) 60:561-70, Apr 69
ACID PHOSPHATASE, analysis/ ANDROGENS, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ ESTERASES, analysis/ FEEDBACK/ FSH, secretion/ HISTOCYTOCHEMISTRY/ HYPERPLASIA/ HYPERTROPHY/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ LEYDIG CELLS, drug effects/ LH, secretion/ MALE/ OXIDOREDUCTASES, analysis/ *PREGNANES, pharmacodynamics/ RATS/ STIMULATION, CHEMICAL/ *TESTIS, drug effects/ TESTIS, enzymology/ TESTIS, pathology

2359. **Migdal A:** Przypadek przełomu, w przebiegu przewlekłej niedoczynności nadnerczy, wyzwolonego przyjmowaniem meprobamatu.
Wiad Lek 22:849-52, 1 May 69 **(Pol)**
ADDISON'S DISEASE/ *ADRENAL GLAND HYPOFUNCTION/ *COMA, chemically induced/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *MEPROBAMATE, adverse effects/ MIDDLE AGE

2360. **Migdalska B, Kasperlik-Zaluska A:** Celowość domięśniowego stosowania zawiesiny octanu hydrokortyzonu, przeznaczonego do wstrzyknięć dostawowych. Pol Tyg Lek 24:526-8, Apr 69 **(Pol)**
ADDISON'S DISEASE, drug therapy/ ADOLESCENCE/ *ADRENAL GLAND HYPOFUNCTION, drug therapy/ ADULT/ FEMALE/ HUMAN/ *HYDROCORTISONE, therapeutic use/ INJECTIONS, INTRA-ARTICULAR/ INJECTIONS, INTRAMUSCULAR/ MALE/ MIDDLE AGE

2361. **Mikamo K:** Female preponderance in the sex ratio during early intrauterine development: a sex chromatin study. Jap J Hum Genet 13:272-7, Mar 69
*EMBRYO/ FEMALE/ *FETUS/ HUMAN/ *SEX CHROMATIN/ *SEX RATIO

2362. **Miklavskaia GM:** K metodike fraktsionnogo opredeleniia neĭtral'nykh 17-ketosteroidov mochi s pomoshch'iu tonkosloĭnoĭ khromatografii.
Lab Delo 9:566-7, 1967 **(Rus)**
*CHROMATOGRAPHY, THIN LAYER/ FEMALE/ HUMAN/ *17-KETOSTEROIDS, urine/ METHODS

2363. **Milcou SM, Serban AM, Ionesco B, et al:** Pseudohermaphrodisme masculin familial.
Rev Franc Endocr Clin 9:465-75, Nov-Dec 68 **(Fre)**
ADOLESCENCE/ ESTROGENS, urine/ *HERMAPHRODITISM, familial & genetic/ HUMAN/ HYPOSPADIAS/ KARYOTYPING/ 17-KETOSTEROIDS, urine/ MALE/ PHENOTYPE/ TESTIS, pathology

2364. **Milcu I, Damian E, Popescu I, et al:** Corelaţiile dintre pineală şi colesterolul hepatic şi sanguin la şoarece şi şobolan. Stud Cercet Endocr 19:473-8, 1968 **(Rum)**
ANIMAL EXPERIMENTS/ CHOLESTEROL, blood/ *CHOLESTEROL, metabolism/ *LIVER, metabolism/ MICE/ PINEAL BODY/ *PINEAL BODY, physiology/ RATS/ *TISSUE EXTRACTS, pharmacodynamics

2365. **Milcu SM, Ionescu B, Maximilian C:** Disgenezile gonadale. Etiologie, patogenie, clasificări.
Stud Cercet Endocr 19:459-72, 1968 (36 ref.) **(Rum)**
FEMALE/ HERMAPHRODITISM, etiology/ HUMAN/ KLINEFELTER'S SYNDROME, etiology/ MALE/ REVIEW/ SEX DIFFERENTIATION DISORDERS, etiology/ TESTICULAR FEMINIZATION, etiology/ TURNER'S SYNDROME, classification/ *TURNER'S SYNDROME, etiology/ VIRILISM, etiology

2366. **Miline R, Krstić R, Devečerski V:** Sur le comportement de la glande pinéale dans des conditions de stress.
Acta Anat (Basel) 71:352-402, 1968 **(Fre)**
ACID PHOSPHATASE, metabolism/ ALKALINE PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ CELL NUCLEOLUS/ CELL NUCLEUS/ IMMOBILIZATION/ MALE/ MICROSCOPY, ELECTRON/ ORGANOIDS/ PINEAL BODY, enzymology/ *PINEAL BODY, pathology/ RATS/ *STRESS, PSYCHOLOGIC

2367. **Millard J:** Zur Lokalbehandlung der entzündlichen Erkrankungen des Gehörganges und des Mittelohrs.
Deutsch Med J 20:181-4, Mar 69 **(Ger)**
ADULT/ *ANTIBIOTICS, ANTIFUNGAL, administration & dosage/ *DEXAMETHASONE, administration & dosage/ FEMALE/ HUMAN/ MIDDLE AGE/ OPHTHALMIC SOLUTIONS/ *OTITIS, drug therapy/ OTITIS EXTERNA, drug therapy/ OTITIS MEDIA, drug therapy/ *OXYTETRACYCLINE, administration & dosage/ PIMARICIN, administration & dosage/ *TETRACAINE, administration & dosage

2368. **Miller AL, Lehman RH, Geretti R:** Unusual audiological findings in cranial metaphyseal dysplasia.
Arch Otolaryng (Chicago) 89:861-4, Jun 69
AUDIOMETRY/ *BONE AND BONES, abnormalities/ BONE CONDUCTION/ CHILD/ FACIAL BONES, abnormalities/ FACIAL EXPRESSION/ FEMALE/ *HEARING DISORDERS, diagnosis/ HUMAN/ LANGUAGE DEVELOPMENT/ *OSTEOPOROSIS/ *SKULL, abnormalities/ SKULL, radiography/ SPEECH

2369. **Miller AL, Levy HR:** Rat mammary acetyl coenzyme A carboxylase. I. Isolation and characterization.
J Biol Chem 244:2334-42, 10 May 69
ADENOSINE TRIPHOSPHATE/ ANIMAL EXPERIMENTS/ BICARBONATES/ CENTRIFUGATION, DENSITY GRADIENT/ CHEMISTRY/ CHROMATOGRAPHY/ CITRATES/ COENZYME A/ DIALYSIS/ FEMALE/ GEL FILTRATION/ KINETICS/ LACTATION/ LECITHINS/ *LIGASES/ LIGASES, isolation & purification/ MAGNESIUM/ *MAMMAE, enzymology/ METHODS/ PRECIPITATION/ PREGNANCY/ PROPIONATES/ RATS

2370. **Miller JE, Litwack G:** Studies on soluble and mitochondrial tyrosine aminotransferase: evidence for a physical change in the cytosol enzyme during induction.
Biochem Biophys Res Commun 36:35-41, 7 Jul 69
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ ASPARTIC ACID, pharmacodynamics/ *CYTOPLASM, enzymology/ ENZYME INDUCTION/ HYDROCORTISONE, pharmacodynamics/ IODOTYROSINE/ KETOGLUTARIC ACID, metabolism/ KINETICS/ LIVER, cytology/ *LIVER, enzymology/ MALE/ *MITOCHONDRIA, LIVER, enzymology/ OXALOACETATES, metabolism/ RATS/ TYROSINE AMINOTRANSFERASE, antagonists & inhibitors/ TYROSINE AMINOTRANSFERASE, isolation & purification/ *TYROSINE AMINOTRANSFERASE, metabolism

2371. **Miller RG:** The treatment of osteoporosis. A report of a double blind clinical therapeutic trial.
Geront Clin (Basel) 11:244-52, 1969
AGED/ ALKALINE PHOSPHATASE, blood/ BACKACHE/ BLOOD PROTEINS, analysis/ BRONCHITIS, complications/ CALCIUM, blood/ *CALCIUM, therapeutic use/ CALCIUM, urine/ CHRONIC DISEASE/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ DIETHYLSTILBESTROL, adverse effects/ *DIETHYLSTILBESTROL, therapeutic use/ DRUG SYNERGISM/ EMPHYSEMA, complications/ FEMALE/ HEMORRHAGE, etiology/ HUMAN/ LACTATES, therapeutic use/ MALE/ *METHYLTESTOSTERONE, therapeutic use/ MIDDLE AGE/ OSTEOPOROSIS, complications/ *OSTEOPOROSIS, drug therapy/ OSTEOPOROSIS, radiography/ PHOSPHORUS, blood/ TIME FACTORS/ UREA, blood/ VAGINA/ *VITAMIN D, therapeutic use

2372. **Miller WW, Colton RP:** Oculomotor paralysis without visual field loss in pituitary tumor.
Trans Pacif Coast Otoophthal Soc 49:243-52, 1968
*ADENOMA, CHROMOPHOBE, complications/ CAVERNOUS SINUS/ FEMALE/ *GLAUCOMA, complications/ HUMAN/ MIDDLE AGE/ *OCULOMOTOR PARALYSIS, complications/ *PITUITARY NEOPLASMS, complications/ SELLA TURCICA, pathology

2373. **Millett FE Jr, Giles CL:** Single dose alternate day corticosteroid therapy in posterior uveitis.
Eye Ear Nose Throat Monthly 48:456-8, Aug 69
FEMALE/ HUMAN/ MALE/ *PREDNISONE, administration & dosage/ RETROSPECTIVE STUDIES/ *UVEITIS, drug therapy

2374. **Mills SC, Scott TW:** Metabolism of fatty acids by testicular and ejaculated ram spermatozoa.
J Reprod Fertil 18:367-9, Mar 69
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ EJACULATION/ *FATTY ACIDS, metabolism/ GLYCERIDES, biosynthesis/ MALE/ OLEIC ACID, metabolism/ PALMITIC ACID, metabolism/ SHEEP/ *SPERMATOZOA, metabolism/ TESTIS

2375. **Milne JA:** The metabolism of androgens by sebaceous glands.
Brit J Derm 81:Suppl 2:23-8, 1969 (20 ref.)
ADULT/ *ANDROGENS, metabolism/ DEHYDROEPIANDROSTERONE, metabolism/ FEMALE/ HUMAN/ HYDROXYSTEROID DEHYDROGENASE, analysis/ MALE/ MIDDLE AGE/ REVIEW/ *SEBACEOUS GLANDS, metabolism/ TRITIUM

2376. **Milutinovic PS, Stanbury JB, Wicken JV, et al:** Thyroid function in a family with the Pendred syndrome.
J Clin Endocr 29:962-9, Jul 69
AGED/ DEAFNESS, familial & genetic/ *DEAFNESS, physiopathology/ DIIODOTYROSINE, analysis/ GOITER, familial & genetic/ *GOITER, physiopathology/ HUMAN/ *IODIDES, metabolism/ IODINE, metabolism/ IODINE ISOTOPES, DIAGNOSTIC/ IODOTYROSINE, analysis/ KINETICS/ MALE/ PERCHLORIC ACIDS, pharmacodynamics/ THYROID GLAND, drug effects/ *THYROID GLAND, physiopathology/ THYROID GLAND FUNCTION TESTS

2377. **Milverton EJ, Hunyor AB:** Cryotherapy for dendritic keratitis.
Med J Aust 1:889-93, 3 May 69
CORNEAL ULCER, therapy/ CORTICOSTERONE, therapeutic use/ *CRYOTHERAPY/ CRYOTHERAPY, instrumentation/ EYELIDS/ FOLLOW-UP STUDIES/ HEAT/ HUMAN/ IDOXURIDINE, therapeutic use/ IRIDOCYCLITIS, complications/ IRITIS/ KERATITIS, DENDRITIC, complications/ KERATITIS, DENDRITIC, diagnosis/ KERATITIS, DENDRITIC, drug therapy/ *KERATITIS, DENDRITIC, therapy/ LIP/ NOSE/ POSTOPERATIVE COMPLICATIONS/ PREDNISONE, therapeutic use/ TIME FACTORS/ WOUND HEALING

2378. **Minelli R, Korecky B:** Effect of growth hormone and thyroxinon isometric contractile mechanics of cardiac muscle.
Canad J Physiol Pharmacol 47:545-52, Jun 69
ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ *HEART, drug effects/ HYPOPHYSECTOMY/ MALE/ *MUSCLE CONTRACTION, drug effects/ ORGAN

WEIGHT/ PAPILLARY MUSCLES, drug effects/ PITUITARY GLAND, physiology/ RATS/ *SOMATOTROPIN, pharmacodynamics/ *THYROXINE, pharmacodynamics

2379. **Minssen-Guetté M, Jacques J, Rettenmaier R, et al:** A-nor-5-alpha-androstane derivatives. IV. New structures with potential antiimplantation activity.
J Med Chem 12:388-93, May 69
ANDROSTANES, analysis/ *ANDROSTANES, chem synthesis/ ANDROSTANES, pharmacodynamics/ NIDATION, drug effects/ NUCLEAR MAGNETIC RESONANCE/ STEREOISOMERS/ STEROIDS, pharmacodynamics

2380. **Mion H, Boucher R, Genest J:** Méthode pour la détermination de l'hormone antidiurétique dans le plasma.
Rev Franc Etud Clin Biol 14:213-5, Feb 69 **(Fre)**
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ HUMAN/ METHODS/ RATS/ *VASOPRESSIN, blood/ VASOPRESSIN, isolation & purification

2381. **Miovski D, Lazarov A, Pešik P:** Prilog kon problemot na korelacijata Pemphigua-graviditet.
God Zborn Med Fak Skopje 14:399-408, 1968 **(Ser)**
ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ FEMALE/ HUMAN/ *PEMPHIGUS, drug therapy/ PREGNANCY/ *PREGNANCY COMPLICATIONS, drug therapy

2382. **Miravet L, Rambaud JC, Louis C, et al:** Absorption de la vitamine D3-H3 dans les ostéomalacies nutritionnelles.
Sem Hop Paris 45:531-8, 14 Feb 69 **(Fre)**
ADOLESCENCE/ ADULT/ AGED/ CHOLECALCIFEROL, administration & dosage/ *CHOLECALCIFEROL, metabolism/ ENGLISH ABSTRACT/ FEMALE/ GASTRECTOMY/ HUMAN/ *INTESTINAL ABSORPTION/ LIPIDS, metabolism/ LIVER CIRRHOSIS, complications/ MALABSORPTION SYNDROMES/ MALE/ MIDDLE AGE/ OSTEOMALACIA, complications/ OSTEOMALACIA, drug therapy/ *OSTEOMALACIA, metabolism/ PANCREATITIS, complications/ PROTEIN-LOSING ENTEROPATHIES, complications/ *RICKETS, metabolism/ SPRUE, complications/ TRITIUM/ VITAMIN D DEFICIENCY

2383. **Misiewicz L:** Proresid w leczeniu złośliwych nowotworów jajnika u kobiet.
Ginek Pol 40:419-22, 1969 **(Pol)**
ENGLISH ABSTRACT/ FEMALE/ GLYCOSIDES, therapeutic use/ HUMAN/ LAPAROTOMY/ *OVARIAN NEOPLASMS, drug therapy/ PALLIATIVE TREATMENT/ *PODOPHYLLUM, therapeutic use

2384. **Misurale F, Cagnazzo G, Storace A:** Asthenospermia and its treatment with HCG.
Fertil Steril 20:650-3, Jul-Aug 69
*GONADOTROPINS, CHORIONIC, therapeutic use/ HUMAN/ MALE/ MOVEMENT/ SEMEN/ SPERMATOZOA/ *STERILITY, MALE, drug therapy/ *TESTICULAR DISEASES, drug therapy

2385. **Mitolo G, Bellone F:** Tumori dell'ovaio come causa di precocità puberali.
Minerva Ginec 21:338-42, 31 Mar 69 **(Ita)**
CHILD/ FEMALE/ HUMAN/ *OVARIAN NEOPLASMS, complications/ *PUBERTY, PRECOCIOUS, etiology

2386. **Mittwoch U:** Do genes determine sex?
Nature (London) 221:446-8, 1 Feb 69
ANIMAL EXPERIMENTS/ DROSOPHILA/ *GENES/ HUMAN/ *MITOSIS/ *SEX CHROMOSOMES/ *SEX DETERMINATION

2387. **Mitznegg P, Heim F:** Anabolismus und Schwangerschaft. Arch Gynaek 206:437-49, 1968 **(Ger)**
ANIMAL EXPERIMENTS/ BLOOD PROTEINS, analysis/ DNA, analysis/ FEMALE/ KIDNEY, anatomy & histology/ KIDNEY, drug effects/ *KIDNEY, metabolism/ LIVER, anatomy & histology/ LIVER, cytology/ LIVER, drug effects/ *LIVER, metabolism/ LIVER GLYCOGEN, analysis/ MICE/ ORGAN SPECIFICITY/ ORGAN WEIGHT/ *PREGNANCY/ PREGNANCY, ANIMAL/ RNA, analysis/ SYMPATHOLYTICS, pharmacodynamics/ TESTOSTERONE, antagonists & inhibitors/ TESTOSTERONE, pharmacodynamics

2388. **Miura K:** [Adrenal cortex function tests and their interpretation]
Jap J Clin Med 27:278-85, Feb 69 (61 ref.) **(Jap)**
ADOLESCENCE/ ADRENOGENITAL SYNDROME, physiopathology/ ADULT/ ALDOSTERONE, secretion/ ANDROGENS, secretion/ CHILD/ CHILD, PRESCHOOL/ CORTICOSTERONE, diagnostic use/ CORTICOTROPIN, blood/ CORTICOTROPIN, diagnostic use/ DEXAMETHASONE, diagnostic use/ FEMALE/ GLUCOCORTICOIDS, secretion/ HUMAN/ HYPERTENSION, complications/ HYPOKALEMIA, complications/ MALE/ METYRAPONE, diagnostic use/ *PITUITARY-ADRENAL FUNCTION TESTS/ REVIEW/ WATER

2389. **Miura S, Kato T, Tauchi K, et al:** [Case of pseudohypoparathyroidism--with special reference to an electroencephalographic study]
Clin Endocr (Tokyo) 17:128-32, Feb 69 **(Jap)**
ADULT/ *ELECTROENCEPHALOGRAPHY/ FEMALE/ HUMAN/ *PSEUDOHYPOPARATHYROIDISM, diagnosis

2390. **Miyai K:** Long-acting thyroid stimulator (LATS).
Acta Path Jap 18:504-7, Nov 68
ANTIGEN-ANTIBODY REACTIONS/ ANTIGENS, analysis/ COMPARATIVE STUDY/ GAMMA GLOBULIN, 7S/ HUMAN/ *LONG-ACTING THYROID STIMULATOR/ LONG-ACTING THYROID STIMULATOR, biosynthesis/ LONG-ACTING THYROID STIMULATOR, pharmacodynamics/ LYMPHOCYTES/ *THYROTROPIN/ THYROTROPIN, pharmacodynamics/ TISSUE CULTURE

2391. **Miyai K, Matsuoka T:** [Thyroxine]
Jap J Clin Med 27:373-7, Feb 69 **(Jap)**
HUMAN/ IODINE ISOTOPES/ METHODS/ *THYROXINE, blood/ THYROXINE-BINDING PROTEIN, blood

2392. **Mizuno N, Clemente CD, Sauerland EK:** Projections from the orbital gyrus in the cat. II. To telencephalic and diencephalic structures.
J Comp Neurol 136:127-41, Jun 69
AMYGDALOID BODY, anatomy & histology/ ANIMAL EXPERIMENTS/ CATS/ CAUDATE NUCLEUS, anatomy & histology/ *CEREBRAL CORTEX, anatomy & histology/ CORPUS CALLOSUM, anatomy & histology/ *DIENCEPHALON, anatomy & histology/ GANGLIA, BASAL, anatomy & histology/ NERVE DEGENERATION/ *TELENCEPHALON, anatomy & histology/ THALAMUS, anatomy & histology

2393. **Moberg A, Svenhann K, Wågermark J:** Acute "idiopathic" pancreatitis. A post-mortem etiological study. Acta Chir Scand 134:369-72, 1968
ACUTE DISEASE/ AGED/ ALCOHOLISM, complications/ ARTERIOSCLEROSIS, complications/ CHOLELITHIASIS, complications/ CORTISONE, adverse effects/ EMBOLISM, complications/ FEMALE/ HUMAN/ INFECTION, complications/ PANCREATITIS, chemically induced/ PANCREATITIS, classification/ *PANCREATITIS, etiology/ *PANCREATITIS, pathology/ SHOCK, complications

2394. **Modestov VK, Arsen'ev VN:** Ratsional'nyĭ sposob vychisleniia faktora F pri opredelenii funktsional'nogo sostoianiia shchitovidnoĭ zhelezy s pomoshch'iu J131-tiroksina.
Med Radiol (Moskva) 12:81, Dec 67 **(Rus)**
*BLOOD PROTEIN ELECTROPHORESIS/

HUMAN/ MATHEMATICS/ METHODS/ *SERUM ALBUMIN, RADIO-IODINATED, diagnostic use/ *THYROID GLAND FUNCTION TESTS

2395. **Modigliani E, Strauch G, Delzant G, et al:** Etude de la sécrétion d'insuline au cours de la perfusn d'arginine. Effets comparés des sympatholytiques chez des sujets normaus et hyperthyroidiens.
Rev Franc Etud Clin Biol 14:267-75, Mar 69 **(Fre)**
ADULT/ AGED/ *ARGININE, administration & dosage/ BLOOD SUGAR, analysis/ CATECHOLAMINES, physiology/ DIABETES MELLITUS, complications/ ENGLISH ABSTRACT/ EPINEPHRINE, pharmacodynamics/ GLUCOSE, metabolism/ *GUANETHIDINE, pharmacodynamics/ HUMAN/ *HYPERTHYROIDISM, metabolism/ INSULIN, blood/ *INSULIN, secretion/ MIDDLE AGE/ PERFUSION/ PHENTOLAMINE, pharmacodynamics/ *PROPRANOLOL, pharmacodynamics/ PROTEINS, metabolism/ RADIOIMMUNOASSAY/ THYROID HORMONES, physiology/ TOLBUTAMIDE, diagnostic use

2396. **Mody JK:** A new type of transplantable adrenal tumor and its comparative histopathology.
Cancer Res 29:1254-61, Jun 69
ADRENAL GLAND NEOPLASMS, chemically induced/ *ADRENAL GLAND NEOPLASMS, pathology/ ANIMAL EXPERIMENTS/ BENZANTHRACENES/ FEMALE/ MALE/ MAMMAE, surgery/ MICE/ *NEOPLASM TRANSPLANTATION/ NEOPLASMS, EXPERIMENTAL, chemically induced/ *NEOPLASMS, EXPERIMENTAL, pathology

2397. **Modzelewska I:** Rezerwa nadnerczowa u dzieci zdrowych z prawidłową i powiększoną grasicą.
Pediat Pol 44:437-42, Apr 69 **(Pol)**
CHILD, PRESCHOOL/ CORTICOTROPIN, diagnostic use/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ INFANT/ 17-KETOSTEROIDS, urine/ *THYMUS HYPERPLASIA, urine

2398. **Mogenson GJ:** General and specific reinforcement systems for drinking behavior.
Ann NY Acad Sci 157:779-97, 15 May 69
ANIMAL EXPERIMENTS/ *DRINKING BEHAVIOR/ ELECTRIC STIMULATION/ FEEDING BEHAVIOR/ FOOD DEPRIVATION/ *HYPOTHALAMUS, physiology/ MALE/ METHODS/ RATS/ *REINFORCEMENT (PSYCHOLOGY)/ SELF STIMULATION/ WATER DEPRIVATION

2399. **Mogilevsky JA, Fels E, Rubinstein L, et al:** Effect of gonadectomy on gonadotrophin secretion in androgenized rats. Studies in parabiosis.
Acta Physiol Lat Amer 17:200-3, 1967
ANIMAL EXPERIMENTS/ CASTRATION/ FEEDBACK/ FEMALE/ *GONADOTROPINS, PITUITARY, secretion/ ORGAN WEIGHT/ *OVARY, physiology/ *PARABIOSIS/ RATS/ *TESTOSTERONE, pharmacodynamics

2400. **Mogilevsky JA, Libertun C, Schiaffini O, et al:** Metabolic evidence of the sexual differentiation of hypothalamus. Neuroendocrinology 4:264-9, 1969
ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ CASTRATION/ CEREBRAL CORTEX, metabolism/ FEMALE/ *GLYCOLYSIS/ *HYPOTHALAMUS, metabolism/ LACTATES, biosynthesis/ MALE/ MANOMETRY/ OXYGEN CONSUMPTION/ RATS/ *SEX CHARACTERISTICS

2401. **Mohla S, Prasad MR:** Effect of clomiphene and compound 48-80 on uterine glycogen in the rat.
Fertil Steril 20:654-60, Jul-Aug 69
ANIMAL EXPERIMENTS/ ANTIHISTAMINICS, pharmacodynamics/ *CLOMIPHENE, pharmacodynamics/ COMPOUND 48-80, antagonists & inhibitors/ *COMPOUND 48-80, pharmacodynamics/ FEMALE/ GLYCOGEN, analysis/ *GLYCOGEN, analysis/ LIVER GLYCOGEN, analysis/ ORGAN WEIGHT/ RATS/ STIMULATION, CHEMICAL/ *UTERUS, drug effects

2402. **Mohri H, Reichenbach DD, Barnes RW, et al:** Viable aortic valve heterotransplantation.
Circulation 39:Suppl:31-8, May 69
ANIMAL EXPERIMENTS/ AORTIC VALVE, cytology/ *AORTIC VALVE, transplantation/ CONNECTIVE TISSUE CELLS/ DOGS/ FEMALE/ HISTOCOMPATIBILITY/ LYMPHOCYTES, immunology/ MALE/ PLASMA CELLS, immunology/ SEX CHROMATIN, analysis/ SHEEP/ TISSUE CULTURE/ TRANSPLANTATION, HETEROLOGOUS/ TRANSPLANTATION, HETEROLOGOUS, mortality/ *TRANSPLANTATION IMMUNOLOGY

2403. **Möller E, Brinkmann W, Weber O, et al:** Nebenwirkungen durch Glucocorticoide in der Lebertherapie.
Deutsch Med Wschr 94:1371-3 passim, 27 Jun 69 **(Ger)**
ACUTE DISEASE/ CHRONIC DISEASE/ DIABETES MELLITUS, chemically induced/ FRACTURES, SPONTANEOUS, chemically induced/ *GLUCOCORTICOIDS, adverse effects/ HEPATITIS, drug therapy/ HUMAN/ LIVER ABSCESS, chemically induced/ LIVER CIRRHOSIS, drug therapy/ *LIVER DISEASES, drug therapy/ OSTEOPOROSIS, chemically induced/ PREDNISOLONE, adverse effects/ PREDNISONE, adverse effects

2404. **Molnár B, Szabó Z:** Histological study of the hypophysis of the transylvanian lamprey (Eudontomyzon danfordi Regan).
Acta Biol Acad Sci Hung 19:373-9, 1968
ANIMAL EXPERIMENTS/ CORTICOTROPIN, biosynthesis/ CYCLOSTOMES/ HISTOCYTOCHEMISTRY/ *PITUITARY GLAND, cytology/ PITUITARY GLAND, metabolism

2405. **Moine K:** The adrenal weight of mice with spontaneous adrenocortical lipid depletion. A comparison with untreated, ACTH- and dexamethasone-treated C57B1 mice. Acta Path Microbiol Scand 75:37-50, 1969
*ADRENAL GLAND DISEASES/ *ADRENAL GLANDS/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ COMPARATIVE STUDY/ *CORTICOTROPIN, pharmacodynamics/ *DEXAMETHASONE, pharmacodynamics/ *LIPID METABOLISM, INBORN ERRORS/ MALE/ MICE/ ORGAN WEIGHT/ *PITUITARY-ADRENAL SYSTEM/ PITUITARY GLAND, physiology/ SPECIES SPECIFICITY

2406. **Moine K:** Histometric studies on the adrenal cortex of mice with spontaneous adrenocortical lipid depletion. A comparison with dexamethasone- and ACTH-treated C57B1 mice.
Acta Path Microbiol Scand 75:51-63, 1969
*ADRENAL GLAND DISEASES, etiology/ *ADRENAL GLANDS, anatomy & histology/ ADRENAL GLANDS, cytology/ ANIMAL EXPERIMENTS/ CELL NUCLEOLUS/ CELL NUCLEUS/ COMPARATIVE STUDY/ *CORTICOTROPIN, pharmacodynamics/ CORTICOTROPIN, secretion/ *DEXAMETHASONE, pharmacodynamics/ *LIPID METABOLISM, INBORN ERRORS, etiology/ MICE/ PITUITARY-ADRENAL SYSTEM/ PITUITARY GLAND, physiology

2407. **Moltz H, Levin R, Leon M:** Differential effects of progesterone on the maternal behavior of primiparous and multiparous rats.
J Comp Physiol Psychol 67:36-40, Jan 69
ANIMAL EXPERIMENTS/ BRAIN, drug effects/ BRAIN, metabolism/ BREEDING/ CESAREAN SECTION/ FEMALE/ *MATERNAL BEHAVIOR, drug effects/ PREGNANCY/ *PROGESTERONE, pharmacodynamics/ PROLACTIN, metabolism/ PUERPERIUM/ RATS

2408. **Momose G, Katayama T, Kitahara K, et al:** [A study of radiation hypophysectomy for prostatic cancer. (1)

Review of the pituitary ablation in literature] Jap J Urol 60:145-57, Feb 69 (192 ref.) (Jap)
ACROMEGALY, radiotherapy/ ANDROGENS, therapeutic use/ BREAST NEOPLASMS, radiotherapy/ BREAST NEOPLASMS, therapy/ CUSHING'S SYNDROME, radiotherapy/ ESTROGENS, therapeutic use/ FEMALE/ HUMAN/ HYPOPHYSECTOMY/ MALE/ MIDDLE AGE/ *PITUITARY GLAND IRRADIATION/ *PROSTATIC NEOPLASMS, radiotherapy/ PROSTATIC NEOPLASMS, therapy/ REVIEW/ SOMATOTROPIN, therapeutic use

2409. **Momose S, Masuda S:** [Critical exposure time to estrogen for cornification of vaginal epithelium in spayed rays] Acta Anat Nippon 44:29-34, Mar 69 (Jap)
ANIMAL EXPERIMENTS/ CASTRATION/ EPITHELIUM, drug effects/ *ESTRADIOL, pharmacodynamics/ FEMALE/ KERATIN/ RATS/ TIME FACTORS/ *VAGINA, drug effects

2410. **Moncalvo F, Gerna G, Morandini GC, et al:** Sui "tumori" del mediastino. Contributo clinico-diagnostico sulla base di 22 casi.
G Ital Mal Torace 21:11-41, Nov-Dec 67 (Ita)
ADOLESCENCE/ ADULT/ CARCINOMA, EPIDERMOID, diagnosis/ CYSTS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ FIBROMA, diagnosis/ FIBROSARCOMA, diagnosis/ *GOITER, SUBSTERNAL, diagnosis/ HODGKIN'S DISEASE, diagnosis/ HUMAN/ LYMPHOSARCOMA, diagnosis/ MALE/ *MEDIASTINAL NEOPLASMS, diagnosis/ METHODS/ MIDDLE AGE/ NEOPLASM METASTASIS, diagnosis/ NEURILEMMOMA, diagnosis/ PNEUMOMEDIASTINUM, DIAGNOSTIC/ TERATOID TUMOR, diagnosis

2411. **Moneta E:** Prime osservazioni sull'impiego del clomifene in soggetti con anomalie mestruali e sterilità. Ann Ostet Ginec 89:590-636, Sep 67 (Ita)
ADOLESCENCE/ ADULT/ *CLOMIPHENE, therapeutic use/ ENDOMETRIUM, pathology/ FEMALE/ GONADOTROPINS, urine/ HUMAN/ *MENSTRUATION DISORDERS, drug therapy/ OVARY/ *STERILITY, FEMALE, drug therapy

2412. **Moneta E, Castegnaro E:** A case of congenital adrenal hyperplasia with hypertension.
Folia Endocr (Roma) 21:603-10, Oct 68
*ADRENAL GLAND DISEASES, congenital/ *ADRENOGENITAL SYNDROME, congenital/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERPLASIA/ *HYPERTENSION, congenital/ INFANT, NEWBORN/ *VIRILISM, congenital

2413. **Monjardino JP:** Thin-layer electrophoresis of ribonucleotides. Anal Biochem 28:313-7, 4 Apr 69
ADENINE NUCLEOTIDES, analysis/ ALKALIES/ CELL NUCLEUS/ CHROMATOGRAPHY, THIN LAYER/ CYTOPLASM/ CYTOSINE NUCLEOTIDES, analysis/ ELECTROPHORESIS/ GUANINE NUCLEOTIDES, analysis/ *NUCLEOTIDES, analysis/ PITUITARY GLAND/ *RNA, analysis/ SACCHAROMYCES/ SPECTRUM ANALYSIS/ SWINE/ ULTRAVIOLET RAYS/ URACIL NUCLEOTIDES, analysis

2414. **Montgomery DA, Lowe DC, Shanks RG, et al:** Drug treatment of thyrotoxicosis. Brit Med J 3:55, 5 Jul 69
CLINICAL RESEARCH/ HUMAN/ *HYPERTHYROIDISM, drug therapy/ PLACEBOS/ *PROPRANOLOL, therapeutic use

2415. **Mook DG:** Some determinants of preference and aversion in the rat.
Ann NY Acad Sci 157:1158-75, 15 May 69
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ DISCRIMINATION/ *DRINKING BEHAVIOR/ *FEEDING BEHAVIOR/ GLUCOSE, pharmacodynamics/ RATS/ SODIUM CHLORIDE, pharmacodynamics/ SUCROSE, pharmacodynamics

2416. **Moore I, Navon A:** Calcium alginate: a new approach in the artificial culturing of insects, applied to Spodoptera littoralis (Boisduval).
Experientia 25:221-2, 15 Feb 69
*ALGINATES, metabolism/ ANIMAL EXPERIMENTS/ ASCORBIC ACID, metabolism/ CALCIUM, metabolism/ *CULTURE MEDIA/ GLUCONATES, metabolism/ *INSECTS, metabolism/ METHODS

2417. **Moore NW, Barrett S, Brown JB, et al:** Oestrogen and progesterone content of ovarian vein blood of the ewe during the oestrous cycle. J Endocr 44:55-62, May 69
ANIMAL EXPERIMENTS/ CORPUS LUTEUM/ ESTRADIOL, blood/ *ESTROGENS, blood/ ESTRONE, blood/ *ESTRUS/ FEMALE/ GRAAFIAN FOLLICLE/ MALE/ *OVARY, blood supply/ OVARY, secretion/ *PROGESTERONE, blood/ PROGESTERONE, secretion/ SHEEP/ VEINS

2418. **Moore RT:** Fibrous dysplasia of the orbit.
Survey Ophthal 13:321-34, May 69 (26 ref.)
ABNORMALITIES, MULTIPLE, etiology/ BIOPSY/ BONE AND BONES, abnormalities/ BONE NEOPLASMS, diagnosis/ CHILD/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ ENDOCRINE GLANDS, physiopathology/ EXOPHTHALMOS, etiology/ EYE DISEASES/ EYE MANIFESTATIONS/ FACIAL BONES, abnormalities/ FEMALE/ FEMUR, abnormalities/ FEMUR, radiography/ *FIBROUS DYSPLASIA OF BONE/ FIBROUS DYSPLASIA OF BONE, complications/ FIBROUS DYSPLASIA OF BONE, pathology/ FIBROUS DYSPLASIA OF BONE, radiography/ FRACTURES, etiology/ HUMAN/ OPTIC ATROPHY, etiology/ *ORBIT/ ORBIT, pathology/ ORBIT, radiography/ PIGMENTATION DISORDERS, etiology/ REVIEW/ SARCOMA, OSTEOGENIC, diagnosis/ SKULL, abnormalities/ SKULL, radiography/ THYROID GLAND, physiopathology/ VISION DISORDERS, etiology

2419. **Moore RY:** Pineal response to light: mediation by the accessory optic system in the monkey.
Nature (London) 222:781-2, 24 May 69
ANIMAL EXPERIMENTS/ EVOLUTION/ *LIGHT/ MELATONIN, metabolism/ MONKEYS/ *OPTIC CHIASM/ OPTIC NERVE/ *PINEAL BODY, radiation effects/ TRANSFERASES, analysis

2420. **Moore TC, Hume DM:** The period and nature of hazard in clinical renal transplantation. I. The hazard to patient survival. Ann Surg 170:1-11, Jul 69
ABSCESS, occurrence/ ADOLESCENCE/ ADULT/ CADAVER/ CHILD/ COMPARATIVE STUDY/ DUODENAL ULCER, occurrence/ FEMALE/ *HEMORRHAGE, GASTROINTESTINAL, occurrence/ *HEPATITIS, occurrence/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS/ *KIDNEY, transplantation/ MALE/ MIDDLE AGE/ NEOPLASM RECURRENCE, LOCAL/ NEPHRECTOMY/ NEPHROBLASTOMA/ *PEPTIC ULCER, occurrence/ POSTOPERATIVE COMPLICATIONS, occurrence/ PREDNISONE/ *SEPTICEMIA, occurrence/ *SURGICAL WOUND INFECTION, occurrence/ TISSUE DONORS/ TRANSPLANTATION, HOMOLOGOUS, adverse effects/ TRANSPLANTATION, HOMOLOGOUS, mortality/ TRANSPLANTATION IMMUNOLOGY/ ULCER, occurrence

2421. **Moore TE Jr:** Steroid therapy in penetrating keratoplasty.
Trans Pacif Coast Otoophthal Soc 49:289-99, 1968
*CORNEA, transplantation/ GAMMA GLOBULIN/ *KERATITIS, surgery/ *OPHTHALMIA, surgery/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS/ PREDNISOLONE, TOPICAL, adverse effects/ *PREDNISOLONE, TOPICAL, therapeutic use/ PREOPERATIVE CARE/ SURGICAL WOUND INFECTION/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY

2422. **Morales Lepe C, Flores Bustamante H:** Effectos secundarios con un nuevo método anticonceptivo (Ciormadinoma 0.5 mg. en forma continua)
Ginec Obstet Mex 24:197-202, Feb 69 **(Spa)**
ADOLESCENCE/ *CHLORMADINONE, administration & dosage/ *CONTRACEPTIVES, ORAL, administration & dosage/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *MENSTRUATION, drug effects/ TIME FACTORS

2423. **Morandini GC, Gerna G, Rossi A, et al:** Il trattamento del carcinoma del polmone con betatrone da 42MeV. Osservazioni preliminari su 56 casi.
G Ital Mal Torace 22:391-404, Nov-Dec 68 **(Ita)**
ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ AGED/ *CARCINOMA, BRONCHOGENIC, radiotherapy/ ENGLISH ABSTRACT/ HUMAN/ INDOMETHACIN, therapeutic use/ *LUNG NEOPLASMS, radiotherapy/ MIDDLE AGE/ *RADIOTHERAPY, HIGH ENERGY

2424. **Morat-Mesure M:** Sur l'activité stéroïdo-3 beta-hydroxystéroïde-déshydrogénasique au cours de l'organogenèse de la gonade chez la vipère (Vipera aspis L)
C R Acad Sci [D] (Paris) 268:546-9, 20 Jan 69 **(Fre)**
ANIMAL EXPERIMENTS/ FEMALE/ GONADS, embryology/ *GONADS, enzymology/ *HYDROXYSTEROID DEHYDROGENASE, metabolism/ KIDNEY, enzymology/ MALE/ OVARY, enzymology/ SEX FACTORS/ *SNAKES, embryology/ TESTIS, enzymology

2425. **Morel-Maroger L:** Biopsie rénale.
Presse Med 77:751-4, 23 Apr 69 **(Fre)**
ALPORT'S SYNDROME, pathology/ AMYLOIDOSIS, pathology/ *BIOPSY/ BIOPSY, adverse effects/ GLOMERULONEPHRITIS, pathology/ HEMATOMA, etiology/ HEMATURIA, etiology/ HEMATURIA, pathology/ HISTOLOGICAL TECHNICS/ HYPERPARATHYROIDISM, pathology/ *KIDNEY DISEASES, pathology/ *KIDNEY GLOMERULUS, pathology/ METABOLIC DISEASES, pathology/ METABOLISM, INBORN ERRORS, pathology/ METHODS/ NEPHRITIS, INTERSTITIAL, pathology/ NEPHROTIC SYNDROME, pathology/ PROTEINURIA, pathology/ SARCOIDOSIS, pathology/ STAINS AND STAINING/ UROGRAPHY

2426. **Moreno G, Vinzens F:** Effets de la micro-irradiation ultra-violette sur différentes parties de la cellule. I. Etude en microscopie électronique sur coupes en série transversales et sagittales.
Exp Cell Res 56:75-83, Jul 69 **(Fre)**
CARCINOMA, EPIDERMOID/ CELL LINE, radiation effects/ *CELL NUCLEUS, radiation effects/ *CYTOPLASM, radiation effects/ ENDOPLASMIC RETICULUM, radiation effects/ ENGLISH ABSTRACT/ HUMAN/ IN VITRO/ METHODS/ MICROSCOPY, ELECTRON/ MITOCHONDRIA, radiation effects/ MOUTH NEOPLASMS/ RADIATION EFFECTS/ SEX CHROMATIN, radiation effects/ *ULTRAVIOLET RAYS

2427. **Morgane PJ:** The function of the limbic and rhinic forebrain-limbic midbrain systems and reticular formation in the regulation of food and water intake.
Ann NY Acad Sci 157:806-48, 15 May 69
ANIMAL EXPERIMENTS/ CATS/ *DRINKING BEHAVIOR/ ELECTRIC STIMULATION/ ELECTROENCEPHALOGRAPHY/ EYE MOVEMENTS/ *FEEDING BEHAVIOR/ *HYPOTHALAMUS, physiology/ *LIMBIC SYSTEM, physiology/ *MESENCEPHALON, physiology/ RATS/ *RETICULAR FORMATION, physiology/ SELF STIMULATION

2428. **Morgenfeld MC, Prada OE, Richter P:** Tratamiento en linfomas malignos: su repercusión en la esfera genital.
Sangre (Barc) 13:325-30, 1968 **(Spa)**
ADOLESCENCE/ *ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ *CHLORAMBUCIL, therapeutic use/ *CYCLOPHOSPHAMIDE, therapeutic use/ DRUG THERAPY, adverse effects/ FEMALE/ HUMAN/ LYMPHOMA, radiotherapy/ *LYMPHOMA, therapy/ MALE/ MENSTRUATION DISORDERS/ RADIOTHERAPY, adverse effects/ STERILITY, MALE

2429. **Mori KF:** Antigenic structure of human gonadotropins: contribution of carbohydrate moiety to the antigenic structure of pituitary follicle-stimulating hormone.
Endocrinology 85:330-6, Aug 69
ANIMAL EXPERIMENTS/ *ANTIGENS/ BIOLOGICAL ASSAY/ COMPLEMENT FIXATION TESTS/ DISACCHARIDES/ *FSH/ *GALACTOSE/ GLUCOSIDASE/ GLYCOSIDES/ GONADOTROPINS, CHORIONIC/ HUMAN/ IMMUNE SERUMS/ IMMUNOASSAY/ IMMUNOCHEMISTRY/ LACTOSE/ MALE/ MURAMIDASE/ NEURAMINIDASE/ ORGAN WEIGHT/ OVARY, drug effects/ RABBITS

2430. **Mori Y, Mizutani S, Sonoda T, et al:** [XX-male: a case report] Jap J Urol 60:279-85, Apr 69 **(Jap)**
ADULT/ BLOOD/ CASE REPORT/ GENITALIA, MALE/ HUMAN/ IMPOTENCE/ KARYOTYPING/ MALE/ *SEX CHROMOSOME ABNORMALITIES/ SKIN/ TESTIS/ UROGRAPHY

2431. **Moricard R:** Gonadotrophines, méiose, ovulation. Cytophysiologie et applications humaines. II. Fonction méiogène du liquide folliculaire. Microscopie électronique. 2. Ovocyte humain. Essai de cytologie ultrastructurale comparée.
Rev Franc Gynec Obstet 63:643-94, Dec 68 **(Fre)**
BIRDS/ ENGLISH ABSTRACT/ FEMALE/ FISHES/ *GONADOTROPINS, metabolism/ *GRAAFIAN FOLLICLE, cytology/ HUMAN/ *MEIOSIS/ MICE/ MICROSCOPY, ELECTRON/ *OVULATION/ *OVUM, cytology/ PREGNANCY/ RABBITS

2432. **Morimoto T, Yamamoto M:** [Studies of inhibitory substances of gastric secretion. I. Isolation of urogastrone from human primary pregnancy and non-pregnancy urine]
J Pharm Soc Jap 89:215-21, Feb 69 **(Jap)**
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY/ ELECTROPHORESIS/ FEMALE/ *GASTRIC JUICE/ GASTRONE, urine/ GONADOTROPINS, urine/ HUMAN/ MALE/ METHODS/ *MUCOPOLYSACCHARIDES, urine/ *PREGNANCY/ RATS

2433. **Morínigo F, Coelho B:** Insuficiência adeno-hipofisária pós-parto com diabetes insipidus.
Arq Brasil Endocr 17:93-8, Aug 68 **(Por)**
ADULT/ *DIABETES INSIPIDUS, etiology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYDROCORTISONE, pharmacodynamics/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM/ KIDNEY GLOMERULUS, drug effects/ *PITUITARY DISEASES, complications/ PREGNANCY/ PREGNANCY COMPLICATIONS/ *PUERPERAL DISORDERS, complications

2434. **Moroz BB, Pinelis VG:** Gliukokortikoednaia funktsiia kory nadpochechnikov u krys, porazhennykh poloniem-210.
Radiobiologiia 8:689-92, Sep-Oct 68 **(Rus)**
*ADRENAL GLANDS, analysis/ ADRENAL GLANDS, radiation effects/ ANIMAL EXPERIMENTS/ *CORTICOSTERONE, biosynthesis/ CORTICOSTERONE, blood/ GLUCOCORTICOIDS, biosynthesis/ MALE/ PHOSPHOLIPIDS, analysis/ *POLONIUM/ *RADIATION INJURY, EXPERIMENTAL/ RATS

2435. **Morris D, Grewaal DS:** Halogen substituted derivatives of acetylcholine as inhibitors of choline acetyltransferase. Life Sci 8:511-6, 15 May 69
ACETYLCHOLINE, biosynthesis/ *ACETYLCHOLINE, pharmacodynamics/ ACYLTRANSFERASES, analysis/ *ACYLTRANSFERASES, antagonists & inhibitors/ *BROMIDES, pharmacodynamics/ *CHLORIDES, pharmacodynamics/ FEMALE/ HUMAN/ IN VITRO/ *IODIDES,

pharmacodynamics/ METHODS/ PLACENTA, enzymology/ PREGNANCY/ RADIOCHEMISTRY

2436. **Morris NM, Udry JR:** Depression of physical activity by contraceptive pills.
Amer J Obstet Gynec 104:1012-4, 1 Aug 69
ADULT/ CHLORMADINONE, pharmacodynamics/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ DEPRESSION, CHEMICAL/ ETHINYL ESTRADIOL, pharmacodynamics/ FEMALE/ HUMAN/ LOCOMOTION, drug effects/ MENSTRUATION/ MESTRANOL, pharmacodynamics/ *MOTOR ACTIVITY, drug effects

2437. **Morse PH, Walsh FB, McCormick JR:** Ocular findings in hereditary diaphyseal cysplasia (Engelmann's disease). Amer J Ophthal 68:100-4, Jul 69
ADULT/ BONE AND BONES, abnormalities/ BONE DEVELOPMENT/ BONE DISEASES, complications/ *BONE DISEASES, familial & genetic/ BONE DISEASES, radiography/ BONE DISEASES, surgery/ CATARACT, etiology/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ EXOPHTHALMOS, etiology/ EYE DISEASES, etiology/ *EYE MANIFESTATIONS/ FEMALE/ FIBULA, radiography/ HUMAN/ HUMERUS, radiography/ MALE/ OPTIC ATROPHY, etiology/ PAPILLEDEMA, etiology/ RADIUS, radiography/ RETINAL VESSELS/ SCLEROSIS/ SKULL, radiography/ TIBIA, radiography/ ULNA, radiography

2438. **Morton A:** A quantitative analysis of the normal neuron population of the hypothalamic magnocellular nuclei in man and of their projections to the neurohypophysis. J Comp Neurol 136:143-57, Jun 69
AGED/ DENSITOMETRY/ HISTOLOGICAL TECHNICS/ HUMAN/ HYPOPHYSECTOMY/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, cytology/ MIDDLE AGE/ NEUROFIBRILS, analysis/ *NEURONS, analysis/ NEURONS, cytology/ OPTIC NERVE, cytology/ *PITUITARY GLAND, POSTERIOR, cytology

2439. **Mosca L, Tutinelli F:** Reticolosarcoma plurimetastatizzante del dotto deferente. Studio anatomo-clinico di un caso.
Arch De Vecchi Anat Pat 50:93-124, Nov 67 (Ita)
BLOOD PROTEIN DISORDERS, etiology/ EOSINOPHILIA, etiology/ HUMAN/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ POLYNEURITIS, etiology/ *SARCOMA, RETICULUM CELL, pathology/ SKIN MANIFESTATIONS/ *TESTICULAR NEOPLASMS, pathology/ THROMBOCYTOSIS, etiology/ THROMBOPHLEBITIS, etiology/ *VAS DEFERENS

2440. **Moskalev IuI, Buldakov LA:** O kinetike nakoplenila i vyvedenila strontsila-90.
Radiobiologiia 7:381-4, May-Jun 67 (Rus)
AGE FACTORS/ ANIMAL EXPERIMENTS/ *BONE AND BONES, metabolism/ DOGS/ KINETICS/ MATHEMATICS/ RATS/ *STRONTIUM ISOTOPES, metabolism/ YTTRIUM ISOTOPES, metabolism

2441. **Mosler KH:** Probleme der Wehenhemmung durch Pharmaka. Med Klin 64:133-9, 24 Jan 69 (Ger)
BRONCHODILATOR AGENTS, therapeutic use/ CHLORDIAZEPOXIDE, therapeutic use/ DIAZEPAM, therapeutic use/ FEMALE/ *HALOTHANE/ HUMAN/ INFANT MORTALITY/ ISOPROTERENOL, therapeutic use/ *LABOR, PREMATURE, prevention & control/ ORCIPRENALINE, therapeutic use/ *PAPAVERINE, therapeutic use/ PHENETHYLAMINES, therapeutic use/ PREGNANCY/ *PROGESTERONE, therapeutic use/ RESORCINOL, therapeutic use/ *SYMPATHOMIMETICS, therapeutic use/ UTERUS, physiology/ *VASODILATOR AGENTS, therapeutic use

2442. **Moss ML:** Comparative anatomy of vertebrate dermal bone and teeth. I. The epidermal co-participation hypothesis. Acta Anat (Basel) 71:178-208, 1968
AMPHIBIA/ ANATOMY, COMPARATIVE/ ANIMAL EXPERIMENTS/ *BONE AND BONES, anatomy & histology/ DENTINOGENESIS/ *EVOLUTION/ FISHES/ MAMMALS/ *ODONTOGENESIS/ REPTILES/ *SKIN, anatomy & histology/ *TOOTH, anatomy & histology/ TOOTH GERM, anatomy & histology

2443. **Motais R, Maetz J:** Arginine vasotocine et évolution de la perméabilité branchiale au sodium au cours du passage d'eau douce en eau de mer chez le flet.
J Physiol (Paris) 59:Suppl:271, 1967 (Fre)
ANIMAL EXPERIMENTS/ *ARGININE, pharmacodynamics/ *CELL MEMBRANE PERMEABILITY, drug effects/ *FISHES/ *GILLS, drug effects/ MARINE BIOLOGY/ *PEPTIDES, pharmacodynamics/ *PITUITARY HORMONES, POSTERIOR, pharmacodynamics/ *SODIUM ISOTOPES/ VASOTOCIN, pharmacodynamics/ WATER-ELECTROLYTE BALANCE

2444. **Mothes K:** Die Alkaloide im Stoffwechsel der Pflanze.
Experientia 25:225-40, 15 Mar 69 (Ger)
ALKALOIDS, biosynthesis/ *ALKALOIDS, metabolism/ ANTHRANILIC ACID, metabolism/ DOPAMINE, metabolism/ INDOLES, metabolism/ ISOQUINOLINES, biosynthesis/ MEVALONIC ACID, metabolism/ PAPAVER, metabolism/ PENICILLIUM, metabolism/ PHENYLALANINE, metabolism/ PIPECOLIC ACIDS, biosynthesis/ *PLANTS, MEDICINAL, metabolism/ PREGNENOLONE, metabolism/ QUINAZOLINES, biosynthesis/ SPARTEINE, metabolism/ TERPENES, metabolism/ TRYPTOPHAN, metabolism/ TYROSINE, metabolism

2445. **Mott R, Knief J, Faul J:** Ein Beitrag zur Behandlung chronischer Leberparenchymschäden mit 6-Mercaptopurin. Med Klin 63:1422-8, 6 Sep 68 (Ger)
ADULT/ ALANINE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ BLOOD SUGAR/ CHRONIC DISEASE/ FEMALE/ HEPATITIS, blood/ *HEPATITIS, drug therapy/ HUMAN/ LIVER CIRRHOSIS, blood/ *LIVER CIRRHOSIS, drug therapy/ MALE/ *MERCAPTOPURINE, therapeutic use/ MIDDLE AGE/ PREDNISOLONE, therapeutic use

2446. **Motta P:** Sulla fine stuttura della cellula luteinica umana durante alcune tappe del suo ciclo evolutivo con particolare referimento alla sua attività secretiva.
Biol Lat (Milano) 20:201-24, Jul-Sep 67 (Ita)
CELL DIFFERENTIATION/ *CORPUS LUTEUM, cytology/ CORPUS LUTEUM, secretion/ *CORPUS LUTEUM HORMONES, biosynthesis/ FEMALE/ HUMAN/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ *OVULATION/ PREGNANCY

2447. **Moura AF:** Estudo dos estados menopáusicos. Contrôle de estrogenioterapia pela citologia vaginal e pela avaliação estrogênica urinária.
Rev Brasil Med 26:11-4, Jan 69 (Por)
ENGLISH ABSTRACT/ *ESTROGENS, therapeutic use/ ESTROGENS, urine/ FEMALE/ HUMAN/ *MENOPAUSE, drug effects/ *VAGINA, cytology/ VAGINA, drug effects

2448. **Mouren P, Tatossian A, Poinso Y, et al:** L'intoxication aiguë par la colchicine.
Presse Med 77:505-8, 22 Mar 69 (Fre)
ACUTE DISEASE/ ADRENAL GLAND HYPERFUNCTION, chemically induced/ ADULT/ ALOPECIA, chemically induced/ ANIMAL EXPERIMENTS/ ANTIDOTES/ APPETITE DISORDERS, chemically induced/ ASTHENIA, chemically induced/ COLCHICINE, poisoning/ COLCHICINE, toxicity/ COMA, chemically induced/ CONVULSIONS, chemically induced/ DIARRHEA, chemically induced/ DIURESIS, drug effects/ ENDOMETRIUM, drug effects/ ENZYMES, antagonists & inhibitors/ EXCHANGE TRANSFUSION/ FALLOPIAN TUBES, drug effects/ FEMALE/

HEMORRHAGE, chemically induced/ HUMAN/ LEUKOCYTOSIS, chemically induced/ MICE/ MITOSIS, drug effects/ MYELIN SHEATH, drug effects/ NEUROMUSCULAR JUNCTION, drug effects/ POLYNEURITIS, chemically induced/ RATS/ TANNINS, therapeutic use/ VITAMIN B COMPLEX, therapeutic use/ VOMITING, chemically induced

2449. **Mouriz J, Riesco G, Usobiaga P:** Thyroid proteins in a goitrous cretin with iodide organification defect.
J Clin Endocr 29:942-7, Jul 69
ADOLESCENCE/ *CRETINISM/ FEMALE/ GEL FILTRATION/ *GOITER, congenital/ HUMAN/ *IODIDES, metabolism/ *IODINE/ IODOPROTEINS, analysis/ *METABOLISM, INBORN ERRORS/ PEDIGREE/ *PROTEINS, analysis/ THIOCYANATES, diagnostic use/ *THYROID GLAND, analysis/ THYROID GLAND, metabolism/ ULTRACENTRIFUGATION

2450. **Mouton M, Sigogneau-Jagodzinski M, Chalopin H, et al:** Etude d'un principle cardiotonique d'origine animale soluble dans l'éther de pétrole, actif sur le coeur de grenouille. J Physiol (Paris) 59:Suppl:272, 1967 **(Fre)**
*ADRENAL CORTEX HORMONES, pharmacodynamics/ ANIMAL EXPERIMENTS/ CHEMISTRY/ ETHERS/ FROGS/ *HEART, drug effects/ *LIPIDS, pharmacodynamics/ PERFUSION/ PETROLEUM/ RATS/ SOLUBILITY/ STIMULATION, CHEMICAL

2451. **Mozziconacci P, Attal C:** Traitement des cardiopathies rhumatismales.
Sem Hop Paris 44:2869-76, 14 Nov 68 **(Fre)**
CONVALESCENCE/ *CORTICOTROPIN, administration & dosage/ *DIGITALIS GLYCOSIDES, therapeutic use/ DIURETICS, administration & dosage/ ENDOCARDITIS, BACTERIAL, drug therapy/ ENGLISH ABSTRACT/ ERYTHROMYCIN, therapeutic use/ *GLUCOCORTICOIDS, administration & dosage/ HEART ENLARGEMENT, diagnosis/ HEART FAILURE, CONGESTIVE, diagnosis/ HUMAN/ INJECTIONS, INTRAMUSCULAR/ *PENICILLIN, administration & dosage/ PERICARDITIS, diagnosis/ RHEUMATIC HEART DISEASE, diagnosis/ *RHEUMATIC HEART DISEASE, drug therapy/ RHEUMATIC HEART DISEASE, immunology/ RHEUMATIC HEART DISEASE, occurrence/ SOCIOECONOMIC FACTORS/ STREPTOCOCCAL INFECTIONS, complications/ STREPTOCOCCAL INFECTIONS, drug therapy/ TETRACYCLINE, therapeutic use

2452. **Mozziconacci P, Combourieu M:** Le syndrome post-corticothérapie.
Therapeutique 45:534-5, May 69 **(Fre)**
ADOLESCENCE/ *ADRENAL CORTEX HORMONES, adverse effects/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ *HEADACHE, etiology/ HUMAN/ *JOINT DISEASES, etiology/ MALE/ *NAUSEA, etiology/ RHEUMATIC FEVER, drug therapy/ TIME FACTORS/ TUBERCULOSIS, drug therapy

2453. **Mückter H, Frankus E, Moré E:** Experimental therapeutic investigations with 1-(morpholinomethyl)-4-phthalimido-piperidindione-2,6 on dimethylbenzanthracene-induced tumors of Sprague-Dawley rats. Cancer Res 29:1212-7, Jun 69
ANDROGENS, therapeutic use/ ANIMAL EXPERIMENTS/ *ANTINEOPLASTIC AGENTS, therapeutic use/ *BENZANTHRACENES/ BODY WEIGHT/ CASTRATION/ COMPARATIVE STUDY/ ESTRADIOL, therapeutic use/ ESTRUS, drug effects/ FEMALE/ HYPOPHYSECTOMY/ MESTRANOL, therapeutic use/ *MORPHOLINES, therapeutic use/ *NEOPLASMS, EXPERIMENTAL, chemically induced/ *NEOPLASMS, EXPERIMENTAL, drug therapy/ NEOPLASMS, EXPERIMENTAL, surgery/ *PIPERIDINES, therapeutic use/ RATS

2454. **Muelheims GH, Francis EE, Kinsella RA Jr:** Suppression of the hypothalami- c-pituitary-adrenal axis in the newborn dog.
Endocrinology 85:365-7, Aug 69
*ADRENAL GLANDS, secretion/ ANIMAL EXPERIMENTS/ *ANIMALS, NEWBORN, physiology/ CORTICOTROPIN, pharmacodynamics/ DEPRESSION, CHEMICAL/ *DEXAMETHASONE, pharmacodynamics/ DOGS/ FEEDBACK/ FEMALE/ HYDROCORTISONE, blood/ HYDROCORTISONE, secretion/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, drug effects/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ MALE/ *PITUITARY-ADRENAL SYSTEM/ PITUITARY-ADRENAL SYSTEM, drug effects

2455. **Muggia A:** Pre-Columbian perception.
New Eng J Med 280:1365, 12 Jun 69
CRETINISM, occurrence/ ECUADOR/ GOITER, ENDEMIC, complications/ GOITER, ENDEMIC, occurrence/ HUMAN/ HYPOTHYROIDISM, complications/ MEDICINE IN ART/ UMBILICAL HERNIA, complications/ *UMBILICAL HERNIA, occurrence

2456. **Muggia FM:** Hormonal management of breast cancer.
Brit Med J 3:179, 19 Jul 69
AGED/ *BREAST NEOPLASMS, drug therapy/ HUMAN/ MALE/ MEDROXYPROGESTERONE, therapeutic use/ MIDDLE AGE/ *PROGESTATIONAL HORMONES, therapeutic use

2457. **Mühlen K aus der, Ockenfels H:** Morphologische Veränderungen im Diencephalon und Telencephalon nach Störungen des Regelkreises Adenohypophyse-Nebennierenrinde. 3. Ergebnisse beim Meerschweinchen nach Verabreichung von Cortison und Hydrocortison.
Z Zellforsch 93:126-41, 1969 **(Ger)**
ADRENAL CORTEX HORMONES, secretion/ ANIMAL EXPERIMENTS/ *CORTISONE, pharmacodynamics/ *DIENCEPHALON, cytology/ FEEDBACK/ GUINEA PIGS/ *HYDROCORTISONE, pharmacodynamics/ *PITUITARY-ADRENAL SYSTEM, physiology/ PITUITARY GLAND, cytology/ *TELENCEPHALON, cytology

2458. **Mühler E, Janoschek K:** Aetiocholanolonfieber und Lebererkrankungen.
Med Welt 12:739-42, 23 Mar 68 **(Ger)**
ADULT/ CHRONIC DISEASE/ *ETIOCHOLANOLONE, blood/ *FEVER, etiology/ HEPATITIS, blood/ *HEPATITIS, complications/ HUMAN/ MALE

2459. **Mukerjee AB, Sarkar SK, Dasgupta M, et al:** Endocrinological disturbances in cirrhosis of liver--a clinical, biochemical and histo-pathological study.
J Ass Physicians India 17:173-9, Mar 69
ATROPHY/ FEMALE/ HUMAN/ *17-KETOSTEROIDS, urine/ *LIVER CIRRHOSIS, pathology/ MALE/ *TESTIS, pathology

2460. **Mukherjee SC:** Hypertension of toxaemia.
J Indian Med Ass 51:431-4, 1 Nov 68
FEMALE/ HUMAN/ HYPERTENSION, etiology/ *HYPERTENSION, physiopathology/ PREGNANCY/ *PREGNANCY TOXEMIAS, physiopathology/ PROGESTERONE, physiology

2461. **Mulargia A, Burnaccini P, Franco T:** La cortisolemia dopo carico di estratto corticosurrenale ed epatico.
Policlinico [Prat] 76:840-6, 30 Jun 69 **(Ita)**
*ADDISON'S DISEASE, drug therapy/ *ADRENAL GLANDS/ ADULT/ *BRONCHOPNEUMONIA, drug therapy/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYDROCORTISONE, blood/ *LIVER EXTRACTS, therapeutic use/ MALE/ MIDDLE AGE/ *PERITONITIS, drug therapy/ *PLEURISY, drug therapy/ *SILICOTUBERCULOSIS, drug therapy/ *TISSUE EXTRACTS, therapeutic use/ *TUBERCULOSIS, PULMONARY, drug therapy

2462. **Mulargia A, Burnaccini P:** L'impiego di una

associazione cortico-vitaminica con estratto epatico nella terapia coadiuvante della tubercolosi polmonare. Minerva Med 60:1902-8, 16 May 69 (Ita)
*ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ *ANTITUBERCULAR AGENTS, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ *LIVER EXTRACTS, therapeutic use/ MALE/ MIDDLE AGE/ *PYRIDOXINE, therapeutic use/ *TUBERCULOSIS, PULMONARY, drug therapy/ *VITAMIN B 12, therapeutic use

2463. **Müller F**: Die transitorischen Verschlüsse in der postnatalen Entwicklung der Marsupialia.
Acta Anat (Basel) 71:581-624, 1968 (Ger)
ANIMALS, NEWBORN/ *CHEEK, growth & development/ *EAR, growth & development/ EMBRYO/ EVOLUTION/ *EYELIDS, growth & development/ FEMALE/ HAMSTERS/ HISTOCYTOCHEMISTRY/ LACTATION/ *MARSUPIALIA, growth & development/ PREGNANCY

2464. **Müller F, Wenzel G**: Pathogenese und Prophylaxe der Arteriosklerose. Z Ges Inn Med 24:25-8, 1 Jan 69 (Ger)
AGE FACTORS/ *ARTERIOSCLEROSIS, etiology/ *ARTERIOSCLEROSIS, prevention & control/ CORONARY DISEASE, etiology/ CORONARY DISEASE, prevention & control/ DIABETES MELLITUS, complications/ DIET/ *DIET, ATHEROGENIC/ ENGLISH ABSTRACT/ EXERCISE THERAPY/ FEMALE/ GENETICS, HUMAN/ HUMAN/ HYPERCHOLESTEREMIA, complications/ HYPERTENSION, complications/ MALE/ MYXEDEMA, complications/ *OBESITY, complications/ SMOKING/ STRESS, PSYCHOLOGIC, complications

2465. **Muller G, Dehalleux JM, Ritter J, et al**: L'ovulène, son action sur l'endomètre, le col utérin et l'ovaire.
Gynec Obstet (Paris) 67:521-32, Nov-Dec 68 (Fre)
ADULT/ *CERVIX UTERI, drug effects/ *CONTRACEPTIVES, ORAL/ DRUG SYNERGISM/ DYSMENORRHEA, drug therapy/ ENDOMETRIOSIS, drug therapy/ *ENDOMETRIUM, drug effects/ ENGLISH ABSTRACT/ ETHYNODIOL DIACETATE, adverse effects/ *ETHYNODIOL DIACETATE, pharmacodynamics/ ETHYNODIOL DIACETATE, therapeutic use/ FEMALE/ *GYNECOLOGIC DISEASES, drug therapy/ HUMAN/ MENORRHAGIA, drug therapy/ MENSTRUATION DISORDERS, drug therapy/ MESTRANOL, adverse effects/ *MESTRANOL, pharmacodynamics/ MESTRANOL, therapeutic use/ MIDDLE AGE/ *OVARY, drug effects/ PREGNANCY/ UTERINE HEMORRHAGE, chemically induced

2466. **Müller J, Gross F**: Effects of experimental renal hypertension on aldosterone biosynthesis by rat adrenal tissue.
Acta Endocr (Kobenhavn) 60:669-80, Apr 69
ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, metabolism/ *ALDOSTERONE, biosynthesis/ ANGIOTENSIN, physiology/ ANIMAL EXPERIMENTS/ CORTICOSTERONE, biosynthesis/ CORTICOTROPIN, pharmacodynamics/ DESOXYCORTICOSTERONE, biosynthesis/ DIET, SALT-FREE/ *HYPERTENSION, RENAL, metabolism/ IN VITRO/ MALE/

pharmacodynamics/ RATS/ RENAL ARTERY OBSTRUCTION, metabolism/ RENIN, physiology/ SEROTONIN, pharmacodynamics/ SODIUM CHLORIDE/ TRITIUM

potassium deficiency and uremia upon the

serotonin, potassium ions and adrenocorticotropin.

ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, metabolism/ *ALDOSTERONE, biosynthesis/ ANIMAL EXPERIMENTS/

*DEFICIENCY DISEASES, metabolism/ DESOXYCORTICOSTERONE, biosynthesis/ IN VITRO/ MALE/ NEPHRECTOMY/ *POTASSIUM, pharmacodynamics/ *POTASSIUM DEFICIENCY, metabolism/ RATS/ *SEROTONIN, pharmacodynamics/ *SODIUM, metabolism/ STIMULATION, CHEMICAL/ *UREMIA, metabolism

2468. **Muller M**: Etude clinique et anatomo-pathologique de 31 carcinomes médullaires à stroma amyloïde de la thyroïde. Schweiz Med Wschr 99:433-9, 29 Mar 69 (Fre)
ADULT/ AGED/ *AMYLOID/ *CARCINOMA/ CARCINOMA, diagnosis/ CARCINOMA, pathology/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *THYROID NEOPLASMS/ THYROID NEOPLASMS, diagnosis/ THYROID NEOPLASMS, pathology

2469. **Muller P**: Les malformations ovariennes. Essai de classification. Gynec Prat 19:401-33, 1968 (Fre)
ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *OVARIAN DISEASES, classification/ *OVARY, abnormalities

2470. **Muller P, Keller B**: Les troubles congénitaux de la réceptivité ovarienne.
Gynec Prat 19:435-51, 1968 (Fre)
ADOLESCENCE/ *AMENORRHEA, etiology/ CENTRAL NERVOUS SYSTEM DISEASES, complications/ *CENTRAL NERVOUS SYSTEM DISEASES, congenital/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *OVARIAN DISEASES, congenital

2471. **Müller R, Bettzeiche H, Mlytz H**: Unsere Erfahrungen mit der erweiterten Diagnostik übertragener Schwangerschaften.
Deutsch Gesundh 23:2175-80, 14 Nov 68 (Ger)
ADOLESCENCE/ ADULT/ AMNIOTIC FLUID/ CYTODIAGNOSIS/ ENDOSCOPY/ ENGLISH ABSTRACT/ ESTROGENS, urine/ FEMALE/ HUMAN/ PREGNANCY/ *PREGNANCY COMPLICATIONS, diagnosis/ *PREGNANCY, PROLONGED/ VAGINA, cytology

2472. **Muller SA**: Hirsutism.
Amer J Med 46:803-17, May 69 (109 ref.)
ADRENOGENITAL SYNDROME, complications/ ADULT/ AGING/ CHILD, PRESCHOOL/ EMOTIONS/ ENDOCRINE DISEASES, complications/ FEMALE/ HAIR, growth & development/ *HIRSUTISM/ HIRSUTISM, chemically induced/ HIRSUTISM, classification/ HIRSUTISM, etiology/ HIRSUTISM, familial & genetic/ HUMAN/ MENOPAUSE/ MENSTRUATION DISORDERS, complications/ MIDDLE AGE/ NEOPLASMS, complications/ PORPHYRIA, complications/ PREGNANCY/ PUBERTY/ REVIEW/ VIRILISM, etiology

2473. **Müller-Oerlinghausen B, Künzel B, Hasselblatt A**: Wirkung von Testosteron und einem Anti-Androgen (Cyproteron) auf die Glucuronidbildung.
Naunyn Schmiedeberg Arch Pharm Exp Path 260:179-80, 1968 (Ger)
*ANDROGENS, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ CASTRATION/ *GLUCURONATES, biosynthesis/ LIVER, drug effects/ *LIVER, metabolism/ MALE/ ORGAN WEIGHT/ *PREGNANES, pharmacodynamics/ RATS/ SEMINAL VESICLES, drug effects/ STIMULATION, CHEMICAL/ TESTOSTERONE, pharmacodynamics/

NUCLEOTIDES

2474. **Müller-Wieland K**: Internistische Behandlung der Colitis ulcerosa.
Med Klin 64:964-8, 23 May 69 (34 ref.) (Ger)

2467. **Müller J, Huber R**: Effects of sodium deficiency,

ANTINEOPLASTIC AGENTS, therapeutic use/

TRANSFUSION/ COLITIS, ULCERATIVE,

Endocrinology 85:43-9, Jul 69

therapy/ COLITIS, ULCERATIVE, prevention & control/ COLITIS, ULCERATIVE, surgery/ DIETARY PROTEINS/ ENEMA/ FEMALE/

CORTICOSTERONE, biosynthesis/

HUMAN/ IRON, therapeutic use/ MIDDLE AGE/ OPIUM, therapeutic use/ PRECANCEROUS CONDITIONS/ PREGNANCY/ PREGNANCY COMPLICATIONS, drug therapy/ REVIEW

2475. **Mulligan RM**: Important aspects of the metabolism of the liver cell revealed in selected references.
Exp Med Surg 26:66-95, 1968 (51 ref.)
ADRENAL CORTEX HORMONES, pharmacodynamics/ ADRENAL GLANDS, physiology/ AGE FACTORS/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ DNA, biosynthesis/ DOGS/ FEMALE/ HEPATECTOMY/ *LIVER, cytology/ *LIVER, metabolism/ LIVER REGENERATION, radiation effects/ MALE/ MICE/ MICROSCOPY, ELECTRON/ MITOCHONDRIA, LIVER, metabolism/ MITOSIS, radiation effects/ MONKEYS/ PITUITARY GLAND, physiology/ PROTEINS, biosynthesis/ RADIOAUTOGRAPHY/ RATS/ REVIEW/ SOMATOTROPIN, pharmacodynamics/ THIOUREA, pharmacodynamics/ THYMIDINE, metabolism/ TRITIUM

2476. **Mulvey PF Jr, Macalone JM**: Thyroidal dysfunction during simulated altitude conditions.
Fed Proc 28:1243-6, May-Jun 69
*ALTITUDE/ ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ *ANOXIA, physiopathology/ CHROMATOGRAPHY/ ENVIRONMENTAL EXPOSURE/ IODINE ISOTOPES, DIAGNOSTIC/ ORGAN WEIGHT/ PROTEIN-BOUND IODINE TEST/ RADIOAUTOGRAPHY/ RATS/ *THYROID GLAND, physiopathology/ *THYROXINE, biosynthesis

2477. **Munro IC, Middleton EJ, Grice HC**: Biochemical and pathological changes in rats fed brominated cottonseed oil for 80 days.
Food Cosmet Toxic 7:25-33, Jan 69
ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ *BROMINE, toxicity/ *COTTONSEED, toxicity/ GLUCOSEPHOSPHATASE, analysis/ GLUCOSEPHOSPHATE DEHYDROGENASE, analysis/ KIDNEY, pathology/ LIVER, enzymology/ LIVER, pathology/ MALE/ METABOLISM, drug effects/ MYOCARDIUM, pathology/ RATS/ SPLEEN, pathology/ THYROID GLAND, pathology/ TIME FACTORS

2478. **Munson ES, Wagman IH**: Acid-base changes during lidocaine induced seizures in Macaca mulatta.
Arch Neurol (Chicago) 20:406-12, Apr 69
*ACID-BASE EQUILIBRIUM/ AMYGDALOID BODY, physiopathology/ ANIMAL EXPERIMENTS/ BEHAVIOR, ANIMAL/ BODY WEIGHT/ CAUDATE NUCLEUS, physiopathology/ CONVULSIONS, chemically induced/ *CONVULSIONS, metabolism/ CONVULSIONS, physiopathology/ ELECTROENCEPHALOGRAPHY/ ELECTROPHYSIOLOGY/ LIDOCAINE/ LIDOCAINE, blood/ LIDOCAINE, toxicity/ MONKEYS/ RESPIRATION

2479. **Münzenberg KJ, Gebhardt M**: Kristallographische Untersuchungen der Knochenminerale.
Deutsch Med Wschr 94:1325-30, 20 Jun 69 (Ger)
ANIMAL EXPERIMENTS/ APATITES, analysis/ *BONE AND BONES, analysis/ CALCIUM CARBONATE, analysis/ CALCIUM PHOSPHATES, analysis/ *CRYSTALLOGRAPHY/ DENSITOMETRY, X-RAY/ INFRARED RAYS/ *MINERALS, analysis/ RABBITS/ SPECTRUM ANALYSIS

2480. **Münzenberg KJ, Zorn B, Thomas G**: Lamelläre periostale Knochenneubildungen und idiopathische periostale Hyperostosis mit Dysproteinämie.
Munchen Med Wschr 111:1045-50, 2 May 69 (Ger)
ADOLESCENCE/ ADULT/ *BLOOD PROTEIN DISORDERS, complications/ BONE AND BONES, injuries/ *BONE DISEASES, radiography/ BONE NEOPLASMS, radiography/ CHILD/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ MYOSITIS OSSIFICANS, radiography/ OSTEOARTHROPATHY, SECONDARY HYPERTROPHIC, radiography/ OSTEOMYELITIS, radiography/ *PERIOSTEUM, radiography/ PERIOSTITIS, radiography/ RICKETS, radiography/ SARCOMA, EWING'S, radiography/ VARICOSE ULCER, radiography

2481. **Murad F, Strauch BS, Vaughan M**: The effect of gonadotropins on testicular adenyl cyclase.
Biochim Biophys Acta 177:591-8, 6 May 69
*ADENINE NUCLEOTIDES/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, biosynthesis/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, isolation & purification/ ADENYL CYCLASE, metabolism/ ANIMAL EXPERIMENTS/ CORTICOTROPIN, pharmacodynamics/ DEPRESSION, CHEMICAL/ DOGS/ *ENZYMES, metabolism/ EPINEPHRINE, pharmacodynamics/ FLUORIDES, pharmacodynamics/ FSH, antagonists & inhibitors/ *FSH, pharmacodynamics/ GLUCAGON, pharmacodynamics/ LH, antagonists & inhibitors/ *LH, pharmacodynamics/ MALE/ RATS/ SHEEP/ STIMULATION, CHEMICAL/ SYMPATHOLYTICS, pharmacodynamics/ TESTIS, cytology/ *TESTIS, enzymology/ TRITIUM

2482. **Murakami S**: [Effect of estrogen on glycogen synthesis in the rat uterus]
Folia Endocr Jap 44:1249-59, 20 Feb 69 (Jap)
ANIMAL EXPERIMENTS/ BLOOD SUGAR, analysis/ CARBON ISOTOPES/ CHLORIDES, analysis/ CHLORIDES, blood/ CYCLOHEXIMIDE, pharmacodynamics/ *ESTRADIOL, pharmacodynamics/ FEMALE/ GLUCOSE, analysis/ GLUCOSE, metabolism/ GLYCOGEN, analysis/ *GLYCOGEN, biosynthesis/ IN VITRO/ LIVER GLYCOGEN, analysis/ RATS/ TIME FACTORS/ UTERUS, analysis/ *UTERUS, metabolism

2483. **Muratori G**: Distribuzione e caratteristiche istomorfologiche dei paragangli atriali del cuore del gatto. Arch Ital Anat Embriol 74:1-13, 1969 (Ita)
ANIMAL EXPERIMENTS/ CATS/ *CHROMAFFIN SYSTEM, anatomy & histology/ *CORONARY VESSELS, anatomy & histology/ ENGLISH ABSTRACT/ *HEART ATRIUM, anatomy & histology/ *HEART SEPTUM, anatomy & histology

2484. **Murdoch RN, White IG**: The effect of oestradiol and progesterone on the activity of enzymes in the endometrium and caruncles of the ovariectomized ewe. J Endocr 42:187-92, Oct 68
ACID PHOSPHATASE, metabolism/ ALKALINE PHOSPHATASE, metabolism/ AMYLASE, metabolism/ ANIMAL EXPERIMENTS/ ASPARTATE AMINOTRANSFERASE, metabolism/ CASTRATION/ *ENDOMETRIUM, enzymology/ *ESTRADIOL, pharmacodynamics/ FEMALE/ GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ IN VITRO/ LACTATE DEHYDROGENASE, metabolism/ PHOSPHATASES, metabolism/ *PROGESTERONE, pharmacodynamics/ SHEEP/ SUCCINATE DEHYDROGENASE, metabolism/ UTERUS, drug effects/ *UTERUS, enzymology

2485. **Murphy GP, Brede HE, Weber HW, et al**: Correlation of tissue-typing tests in baboon renal allotransplants.
S Afr Med J 43:689-94, 31 May 69
ABO FACTORS/ AGGLUTINATION TESTS/ ANIMAL EXPERIMENTS/ *ANTIGENS, analysis/ APES/ AZATHIOPRINE, pharmacodynamics/ CHLOROQUINE, pharmacodynamics/ CORTISONE, pharmacodynamics/ FEMALE/ GAMMA GLOBULIN, pharmacodynamics/ GOATS/ HISTOCOMPATIBILITY TESTING/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, pharmacodynamics/ *KIDNEY, transplantation/ LEUKOCYTES, analysis/ *LEUKOCYTES, immunology/ MALE/ ORGAN SPECIFICITY/ RIBONUCLEASE, pharmacodynamics/ SKIN TESTS/ THALIDOMIDE, pharmacodynamics/

TIME FACTORS/ TISSUE EXTRACTS/ TRANSPLANTATION, HETEROLOGOUS/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY/ TRANSPLANTATION IMMUNOLOGY, drug effects

2486. **Murphy GP, Mirand EA, Kenny GM:** Renal and extrarenal erythropoietin in man. New York J Med 69:2007-11, 15 Jul 69
ANDROGENS, pharmacodynamics/ CHILD/ *ERYTHROPOIETIN, metabolism/ HUMAN/ *KIDNEY, metabolism/ KIDNEY, transplantation/ KIDNEY DISEASES, metabolism/ MALE/ MIDDLE AGE/ TRANSPLANTATION, HOMOLOGOUS

2487. **Murray RK, Gadacz I, Bach M, et al:** Metabolic and electrophoretic studies of rat liver sorbitol dehydrogenase. Canad J Biochem 47:587-93, Jun 69
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ AGING/ *ALCOHOL OXIDOREDUCTASES, analysis/ *ALCOHOL OXIDOREDUCTASES, metabolism/ ANIMAL EXPERIMENTS/ BORATES/ BUFFERS/ CORTISONE, pharmacodynamics/ ELECTROPHORESIS/ FEMALE/ HEPATOMA, enzymology/ HYPOPHYSECTOMY/ ISOENZYMES, analysis/ LIVER, drug effects/ LIVER, embryology/ MALE/ PITUITARY GLAND, physiology/ RATS/ *SORBITOL/ STARVATION

2488. **Murthy MS:** Interpretation of changes in the uterine cervix. Lancet 1:1158-9, 7 Jun 69
CARCINOMA, EPIDERMOID, pathology/ CERVIX MUCUS, drug effects/ *CERVIX NEOPLASMS, pathology/ *CERVIX UTERI, pathology/ CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ HUMAN/ HYPERPLASIA

2489. **Mushina LN:** O radiochuvstvitel'nosti zlokachestvennykh timom. Med Radiol (Moskva) 12:18-20, Feb 67 (Rus)
ENGLISH ABSTRACT/ HUMAN/ MALE/ MIDDLE AGE/ *THYMOMA, radiotherapy/ *THYMUS NEOPLASMS, radiotherapy

2490. **Mussa GC:** Attuali orientamenti terapeutici dei tumori della tiroide nell'infanzia. Minerva Pediat 19:1693-6, 15 Sep 67 (Ita)
ADENOCARCINOMA, radiotherapy/ CARCINOMA, radiotherapy/ CARCINOMA, BRONCHIOLAR, radiotherapy/ CARCINOMA, PAPILLARY, radiotherapy/ CHILD/ CHILD, PRESCHOOL/ *HEMANGIOMA, radiotherapy/ HUMAN/ NEOPLASMS, RADIATION-INDUCED/ *THYMUS HYPERPLASIA, radiotherapy/ THYROID NEOPLASMS, etiology/ THYROID NEOPLASMS, radiotherapy/ *THYROID NEOPLASMS, therapy/ *TONSILLITIS, radiotherapy

2491. **Muszyńska B, Wilczyńska A, Buczek E, et al:** Modyfikacja metody Drektera oznaczania 17-ketosterydów w moczu. Endokr Pol 20:253-61, May-Jun 69 (Pol)
ADOLESCENCE/ ADULT/ AGED/ CHILD/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *17-KETOSTEROIDS, urine/ MALE/ METHODS/ MIDDLE AGE

2492. **Myers HA, Honig CR:** Influence of initial resistance on magnitude of response to vasomotor stimuli. Amer J Physiol 216:1429-36, Jun 69
ACETYLCHOLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ DOGS/ ELECTRIC STIMULATION/ EPINEPHRINE, pharmacodynamics/ FEMALE/ GLYCERYL TRINITRATE, pharmacodynamics/ HINDLIMB, blood supply/ HYPOTHALAMUS, physiology/ MALE/ METHODS/ MODELS, BIOLOGIC/ MUSCLES, blood supply/ REGIONAL BLOOD FLOW/ *VASCULAR RESISTANCE/ VASOCONSTRICTOR AGENTS, pharmacodynamics/ VASODILATOR AGENTS, pharmacodynamics/ *VASOMOTOR SYSTEM, physiology

2493. **Myers RD:** Chemical mechanisms in the hypothalamus mediating eating and drinking in the monkey. Ann NY Acad Sci 157:918-33, 15 May 69
ANIMAL EXPERIMENTS/ *DRINKING BEHAVIOR/ *FEEDING BEHAVIOR/ *HYPOTHALAMUS, physiology/ MALE/ METHODS/ NEURAL TRANSMISSION/ PARASYMPATHOMIMETICS, pharmacodynamics/ SYMPATHOMIMETICS, pharmacodynamics

2494. **Myers RD, Yaksh TL:** Control of body temperature in the unanaesthetized monkey by cholinergic and aminergic systems in the hypothalamus. J Physiol (London) 202:483-500, Jun 69
ACETYLCHOLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BODY TEMPERATURE, drug effects/ *BODY TEMPERATURE REGULATION/ BRAIN MAPPING/ CARBACHOL, pharmacodynamics/ CATECHOLAMINES, pharmacodynamics/ CATHETERIZATION/ CONSCIOUSNESS/ FEVER, chemically induced/ *HYPOTHALAMUS, physiology/ HYPOTHERMIA, chemically induced/ INJECTIONS/ MALE/ MONKEYS/ NOREPINEPHRINE, pharmacodynamics/ PHYSOSTIGMINE, pharmacodynamics/ SEROTONIN, antagonists & inhibitors/ SEROTONIN, pharmacodynamics/ SHIVERING

2495. **Myhill J:** Extra-thyroidal neck radioactivity. J Nucl Med 10:52, Jan 69
HUMAN/ *IODINE ISOTOPES, DIAGNOSTIC, metabolism/ KIDNEY, metabolism/ METHODS/ *RADIOACTIVITY/ THYROID GLAND, metabolism/ *THYROID GLAND FUNCTION TESTS

2496. **Myhill J:** Thyroid testing during drug administration. Med J Aust 1:422-4, 22 Feb 69
CARBIMAZOLE, pharmacodynamics/ *ESTROGENS, pharmacodynamics/ HUMAN/ *IODINE, pharmacodynamics/ IODINE ISOTOPES, DIAGNOSTIC/ PROPYLTHIOURACIL, pharmacodynamics/ PROTEIN-BOUND IODINE TEST/ PSYCHOPHARMACOLOGY/ *THYROID ANTAGONISTS, pharmacodynamics/ *THYROID GLAND, drug effects/ THYROID GLAND, metabolism/ *THYROID GLAND FUNCTION TESTS/ TRIIODOTHYRONINE, metabolism

N

2497. **Nadkarni BB, Nadkarni RB:** Leukaemoid reaction. J Indian Med Ass 51:624-6, 16 Dec 68
*ADENOCARCINOMA, complications/ *ADRENAL GLAND NEOPLASMS, complications/ HUMAN/ *LEUKEMOID REACTION, etiology/ *LUNG NEOPLASMS, complications/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS

2498. **Nagai T, Iinuma TA, Koda S:** Computer-focusing for area scans. J Nucl Med 9:507-16, Oct 68
ANALOG-DIGITAL CONVERSION/ *AUTOMATIC DATA PROCESSING/ *COMPUTERS, DIGITAL/ DATA DISPLAY/ HUMAN/ METHODS/ MODELS, THEORETICAL/ *RADIOISOTOPE SCANNING/ THYROID GLAND

2499. **Nagai T, Solis BA, Koh CS:** An approach to developing adrenal-gland scanning. J Nucl Med 9:576-81, Nov 68
ADRENAL GLAND NEOPLASMS, diagnosis/ *ADRENAL GLANDS/ ADRENAL GLANDS, metabolism/ ADULT/ ANIMAL EXPERIMENTS/ CHOLESTEROL, metabolism/ CUSHING'S SYNDROME, diagnosis/ FEMALE/ HUMAN/ HYPERALDOSTERONISM, diagnosis/ INJECTIONS/ IODINE ISOTOPES, DIAGNOSTIC/ METHODS/ MIDDLE AGE/ RADIOAUTOGRAPHY/ *RADIOISOTOPE SCANNING/ STEROLS, metabolism/ TRITIUM/ UTERINE NEOPLASMS

2500. **Naismith DJ**: The foetus as a parasite.
Proc Nutr Soc 28:25-31, Mar 69
ADRENAL CORTEX HORMONES, physiology/ ANIMAL EXPERIMENTS/ BIRTH WEIGHT/ BODY WEIGHT/ ESTROGENS, physiology/ FEMALE/ *FETUS, metabolism/ HUMAN/ LIPIDS, metabolism/ LIVER, analysis/ PREGNANCY/ PROTEINS, analysis/ PROTEINS, metabolism/ RATS

2501. **Naitoh P, Kales A, Kollar EJ, et al**: Electroencephalographic activity after prolonged sleep loss.
Electroenceph Clin Neurophysiol 27:2-11, Jul 69
ADULT/ BEHAVIOR/ BLOOD PRESSURE/ BODY TEMPERATURE/ CIRCADIAN RHYTHM/ COMPUTERS, DIGITAL/ *ELECTROENCEPHALOGRAPHY/ HEART RATE/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, blood/ MALE/ PARTIAL PRESSURE/ RESPIRATION/ *SLEEP, physiology/ *SLEEP DEPRIVATION/ WAKEFULNESS

2502. **Najbrt V, Petrová I, Rovenský J, et al**: Význam hydratace rohoviny v hojení morfy atopického ekzému. Cesk Derm 44:79-80, May 69 **(Cze)**
ADOLESCENCE/ CHILD/ *ECZEMA, therapy/ HUMAN/ *HYDROCORTISONE, TOPICAL, therapeutic use/ OCCLUSIVE DRESSINGS/ PLACEBOS

2503. **Nakagawa K, Horiuchi Y, Mashimo K**: Specific and non-specific factors in arginine test.
Lancet 1:1320, 28 Jun 69
ADOLESCENCE/ ADULT/ *ARGININE, diagnostic use/ HUMAN/ *SOMATOTROPIN, blood

2504. **Nakai S**: [Studies on fibrinolytic activity in abortion and stillbirth] J Tokyo Med Coll 27:23-45, Jan 69 **(Jap)**
*ABORTION, blood/ ANIMAL EXPERIMENTS/ FEMALE/ *FETAL DEATH, blood/ FETUS, drug effects/ FIBRINOGEN, analysis/ FIBRINOLYSIN, pharmacodynamics/ *FIBRINOLYSIS/ GESTATIONAL AGE/ HUMAN/ HYDATIDIFORM MOLE, blood/ PREGNANCY/ RABBITS

2505. **Nakajija H, Murata M, Nakata M**: [Cortisol and corticosterone] Jap J Clin Med 27:352-8, Feb 69 **(Jap)**
*CORTICOSTERONE, blood/ HUMAN/ *HYDROCORTISONE, blood/ METHODS/ PREDNISOLONE, metabolism/ PROTEIN BINDING/ SERUM GLOBULIN, analysis/ TRITIUM

2506. **Nakajima H, Niimi H, Horiguchi T, et al**: [The endocrinology of puberty and adolescence. Thyroid hormone]
Clin Endocr (Tokyo) 17:87-94, Feb 69 (36 ref.) **(Jap)**
ADOLESCENCE/ ADULT/ BODY HEIGHT/ BODY WEIGHT/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ GOITER, etiology/ HUMAN/ IODINE, metabolism/ MALE/ ORGAN WEIGHT/ *PUBERTY/ REVIEW/ THYROID GLAND, physiology/ THYROID GLAND FUNCTION TESTS/ *THYROID HORMONES/ THYROXINE, metabolism/ THYROXINE-BINDING PROTEIN, metabolism

2507. **Nakamoto T, Wilson RH**: Effect of combinations of temperature and light on skeletal development and the growth rate of incisors in rats.
J Dent Res 48:461-6, May-Jun 69
ANIMAL EXPERIMENTS/ *BONE AND BONES, growth & development/ DENTAL ARCH, growth & development/ FEMUR, growth & development/ *INCISOR, growth & development/ *LIGHT/ MANDIBLE, growth & development/ MAXILLA, growth & development/ RATS/ *TEMPERATURE/ TESTIS, growth & development

2508. **Nakamura RM, Weigle WO**: Transfer of experimental autoimmune thyroiditis by serum from thyroidectomized donors.
J Exp Med 130:263-85, 1 Aug 69
ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ ANTIBODY FORMATION/ *ANTIGENS/ ARTHUS PHENOMENON, etiology/ *AUTOIMMUNE DISEASES/ FLUORESCENT ANTIBODY TECHNIC/ FREUND'S ADJUVANT/ GUINEA PIGS/ HYPERSENSITIVITY, DELAYED, etiology/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ MYCOBACTERIUM, immunology/ RABBITS/ *THYROGLOBULIN/ THYROIDECTOMY/ THYROIDITIS, etiology/ *THYROIDITIS, immunology/ THYROIDITIS, pathology

2509. **Nakanishi H, Wood C**: Biphasic effects of oxytocin on human uterine and tube motility.
Aust New Zeal J Obstet Gynaec 8:181-8, Nov 68
*FALLOPIAN TUBES, drug effects/ FEMALE/ HUMAN/ MUSCLE CONTRACTION, drug effects/ *OXYTOCIN, pharmacodynamics/ PITUITARY HORMONES, POSTERIOR, pharmacodynamics/ TISSUE CULTURE/ *UTERUS, drug effects/ VASOPRESSIN, pharmacodynamics

2510. **Nakao K, Saito T, Yoshida S, et al**: [Two cases of chronic hypernatremia]
J Jap Soc Intern Med 58:219-24, 10 Mar 69 **(Jap)**
ADULT/ AGED/ CHRONIC DISEASE/ *DIABETES INSIPIDUS, complications/ FEMALE/ HUMAN/ *HYPERNATREMIA, etiology/ VASOPRESSIN, diagnostic use

2511. **Narayan O, Lang G, Rouse BT**: A new influenza A virus infection in turkeys. V. Pathology of the experimental disease by strain turkey-Ontario 7732-66.
Arch Ges Virusforsch 26:166-82, 1969
ANIMAL EXPERIMENTS/ BRAIN, pathology/ CHICKENS/ COMB AND WATTLES, pathology/ INFLUENZA, pathology/ *INFLUENZA, veterinary/ KIDNEY, pathology/ LIVER, pathology/ MYOCARDIUM, pathology/ MYXOVIRUS INFECTIONS, pathology/ MYXOVIRUS INFECTIONS, veterinary/ PANCREAS, pathology/ *POULTRY DISEASES, pathology/ SPLEEN, pathology/ TESTIS, pathology/ *TURKEYS

2512. **Narbaitz R, Adler R**: Submicroscopical aspects in the differentiation of rat fetal Leydig cells.
Acta Physiol Lat Amer 17:286-91, 1967
ANIMAL EXPERIMENTS/ *CELL DIFFERENTIATION/ ENDOPLASMIC RETICULUM/ *LEYDIG CELLS, cytology/ LEYDIG CELLS, embryology/ MALE/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ RATS

2513. **Narbutt B, Grabski J, Staś J, et al**: Morfologia i czynność androgenna jądra szczura po tyreoidektomii chirurgicznej. Endokr Pol 20:223-30, May-Jun 69 **(Pol)**
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ MALE/ RATS/ *TESTIS, anatomy & histology/ *TESTIS, physiology/ *THYROIDECTOMY

2514. **Nasello AG, Izquierdo I**: Effect of learning and of drugs on the ribonucleic acid concentration of brain structures of the rat. Exp Neurol 23:521-8, Apr 69
*AMPHETAMINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *AVOIDANCE LEARNING/ BRAIN, drug effects/ *BRAIN, metabolism/ CEREBELLUM, drug effects/ CEREBELLUM, metabolism/ FEMALE/ HIPPOCAMPUS, drug effects/ HIPPOCAMPUS, metabolism/ HYPOTHALAMUS, drug effects/ HYPOTHALAMUS, metabolism/ ISOTONIC SOLUTIONS/ MESENCEPHALON, drug effects/ MESENCEPHALON, metabolism/ *NICOTINE, pharmacodynamics/ RATS/ *RNA, metabolism/ *SODIUM CHLORIDE, pharmacodynamics/ STRYCHNINE, pharmacodynamics

2515. **Naszlady A, Böszörményi E**: Effect of peripheral arteriovenous shunt on myocardial and renocortical blood flow in the dog.
Acta Med Acad Sci Hung 26:131-42, 1969
*ADRENAL GLANDS, blood supply/ ANIMAL EXPERIMENTS/ ARTERIOVENOUS FISTULA/ BLOOD PRESSURE/ CARDIAC OUTPUT/ *CORONARY VESSELS/ DOGS/ FEMALE/

*FEMORAL ARTERY, surgery/ *FEMORAL VEIN, surgery/ HEMODYNAMICS/ MALE/ REGIONAL BLOOD FLOW

2516. **Nath RL, Das S:** Enzyme studies on carbohydrate metabolism in some clinical conditions.
Bull Calcutta Sch Trop Med 15:95-6, Jul 67
*DIABETES MELLITUS, metabolism/ ERYTHROCYTES, enzymology/ *GLUCOSEPHOSPHATE ISOMERASE, blood/ HUMAN/ *HYPERTENSION, metabolism/ *LEUKEMIA, metabolism/ *MYXEDEMA, metabolism/ *THALASSEMIA, metabolism

2517. **Nathansohn G, Pasqualucci CR, Radaelli P, et al:** Steroids possessing nitrogen atoms. V. Some pharmacological and chemico-physical aspects of a new class of active corticoids: [17alpha,16alpha-d]-oxazolino-steroids.
Steroids 13:365-81, Mar 69
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ CHEMISTRY/ CHEMISTRY, PHYSICAL/ *GLYCOGEN, metabolism/ HYDROCORTISONE, pharmacodynamics/ LIPIDS/ MALE/ *MINERALOCORTICOIDS, metabolism/ OXYPHENBUTAZONE, pharmacodynamics/ PREDNISOLONE, pharmacodynamics/ RABBITS/ SOLUBILITY

2518. **Nathansohn G, Winters G, Aresi V:** Steroids possessing nitrogen atoms. IV. Further studies on the synthesis of [17alpha,16alpha-d]-oxazolino-corticoids.
Steroids 13:383-97, Mar 69
*MINERALOCORTICOIDS, chem synthesis

2519. **Nava C, O'Kane HO, Shorter RG:** The distribution of rabbit anti-mouse thymus globulin after injection into mice. Proc Soc Exp Biol Med 131:990-4, Jul 69
ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ ANTILYMPHOCYTE SERUM, metabolism/ BRAIN, metabolism/ *GAMMA GLOBULIN, 7S, metabolism/ *IMMUNE SERUMS, metabolism/ INTESTINE, SMALL, metabolism/ IODINE ISOTOPES/ KIDNEY, metabolism/ LIVER, metabolism/ LUNG, metabolism/ LYMPH NODES, metabolism/ *LYMPHOCYTES, immunology/ MICE/ RABBITS/ SKIN, metabolism/ SPLEEN, metabolism/ TECHNETIUM/ *THYMUS GLAND, immunology/ THYMUS GLAND, metabolism

2520. **Nebol'sina LI:** Issledovanie funkstional'nogo sostoianiia kory nadpochechnikov pri razlichnykh formakh retikulo-gistiotsitoza v techenii zabolevaniia i pod vliianiem kortikosteroidnoĭ terapii.
Pediatriia 47:72-3, Feb 68 (Rus)
*ADRENAL GLANDS, physiopathology/ CHILD/ CHILD, PRESCHOOL/ *EOSINOPHILIC GRANULOMA, physiopathology/ *HAND-SCHUELLER-CHRISTIAN SYNDROME, physiopathology/ 17-HYDROXYCORTICOSTEROIDS, urine/ INFANT/ 17-KETOSTEROIDS, urine/ *LETTERER-SIWE DISEASE, physiopathology

2521. **Neff NH, Barrett RE, Costa E:** Kinetic and fluorescent histochemical analysis of the serotonin compartments in rat pineal gland. Europ J Pharmacol 5:348-56, Mar 69
ANIMAL EXPERIMENTS/ BRAIN CHEMISTRY/ DESIPRAMINE, pharmacodynamics/ ESTERS, pharmacodynamics/ FLUORESCENCE/ HISTOCYTOCHEMISTRY/ KINETICS/ MALE/ NEURONS, drug effects/ PARGYLINE, pharmacodynamics/ PHENYLALANINE, pharmacodynamics/ *PINEAL BODY, analysis/ PINEAL BODY, metabolism/ RATS/ RESERPINE, pharmacodynamics/ *SEROTONIN, analysis/ SEROTONIN, metabolism/ TIME FACTORS

2522. **Neglur R:** Nitrogen mustard therapy in disseminated lupus erythematosus with steroid failure.
Proc Inst Med Chicago 27:89-90, Jul 68
ADOLESCENCE/ CASE REPORT/ FEMALE/ GLUCOCORTICOIDS, adverse effects/ HUMAN/ KIDNEY DISEASES, etiology/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ *NITROGEN MUSTARD COMPOUNDS, therapeutic use

2523. **Nehlmeyer C:** Ist die Odemtherapie und Prophylaxe mit Glukocortikosteroiden sinnvoll?
DDZ 23:269-72, Jun 69 (Ger)
EDEMA, drug therapy/ EDEMA, prevention & control/ *GLUCOCORTICOIDS, therapeutic use/ HUMAN/ *MOUTH DISEASES, complications/ OXYPHENBUTAZONE, administration & dosage/ *OXYPHENBUTAZONE, therapeutic use

2524. **Nelson MM, Forfar JO:** Congenital abnormalities at birth: their association in the same patient.
Develop Med Child Neurol 11:3-16, Feb 69
*ABNORMALITIES, occurrence/ ABNORMALITIES, MULTIPLE/ *BIRTH INJURY/ BONE AND BONES, abnormalities/ CENTRAL NERVOUS SYSTEM, abnormalities/ EAR, abnormalities/ EXTREMITIES, abnormalities/ FETAL DEATH, occurrence/ GASTROINTESTINAL SYSTEM, abnormalities/ HEART DEFECTS, CONGENITAL/ HUMAN/ INFANT, NEWBORN/ KIDNEY, abnormalities/ SKIN DISEASES, congenital/ THORAX, abnormalities/ UROGENITAL SYSTEM, abnormalities

2525. **Nelson NC, Becker WF:** Thyroid crisis: diagnosis and treatment. Ann Surg 170:263-73, Aug 69
ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ AGED/ ANESTHESIA, SPINAL/ ANTIBIOTICS, therapeutic use/ CHILD/ CORTISONE, therapeutic use/ FEMALE/ GUANETHIDINE, therapeutic use/ HUMAN/ HYPERTHYROIDISM, surgery/ IODIDES, therapeutic use/ LIVER, pathology/ LUNG, pathology/ MALE/ METHIMAZOLE, therapeutic use/ MIDDLE AGE/ MYOCARDIUM, pathology/ PROPYLTHIOURACIL, therapeutic use/ RESERPINE, therapeutic use/ SEX FACTORS/ SODIUM, therapeutic use/ *THYROID CRISIS, diagnosis/ THYROID CRISIS, mortality/ THYROID CRISIS, prevention & control/ *THYROID CRISIS, therapy/ THYROID GLAND, pathology

2526. **Nelson TE:** Induction of ovulation.
J Kansas Med Soc 70:331-6, Jul 69
*CLOMIPHENE, therapeutic use/ FEMALE/ *GONADOTROPINS, therapeutic use/ HUMAN/ *OVULATION/ *STERILITY, FEMALE, drug therapy

2527. **Nenarokova LI, Antipenko EN:** Sostoianie shchitovidnoĭ zhelezy krys posle fraktsionirovannogo rentgenovskogo obluchenila s profilakticheskim vvedeniem tsistamina.
Radiobiologiia 8:731-5, Sep-Oct 68 (Rus)
ANIMAL EXPERIMENTS/ *CYSTAMINE, pharmacodynamics/ MALE/ *RADIATION EFFECTS/ *RADIATION-PROTECTIVE AGENTS, pharmacodynamics/ RATS/ THYROID GLAND, physiopathology/ *THYROID GLAND, radiation effects

2528. **Nerup J, Andersen V, Bendixen G:** Anti-adrenal, cellular hypersensitivity in Addison's disease.
Clin Exp Immun 4:355-63, Apr 69
*ADDISON'S DISEASE, immunology/ *ADRENAL GLANDS, immunology/ ADULT/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ *HYPERSENSITIVITY, DELAYED/ LEUKOCYTES, immunology/ LYMPHOCYTES, immunology/ MALE/ MIDDLE AGE/ TISSUE EXTRACTS

2529. **Neubauer W, Martz G, Moccetti T:** Behandlungsmöglichkeiten der meningealen Aussaat bei Leukämie und malignen Tumoren im Erwachsenenalter.
Schweiz Med Wschr 99:330-4, 8 Mar 69 (Ger)
ADULT/ BRAIN NEOPLASMS, radiotherapy/ *BRAIN NEOPLASMS, therapy/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INJECTIONS,

INTRATHECAL/ INTRACRANIAL PRESSURE/ *LEUKEMIA, complications/ MALE/ MENINGISM, diagnosis/ METHOTREXATE, therapeutic use/ MIDDLE AGE/ NEOPLASM METASTASIS, cerebrospinal fluid/ *NEOPLASM METASTASIS, therapy/ PREDNISONE, administration & dosage/ SPINAL PUNCTURE

2530. **Nève P**: The ultrastructure of thyroid in chronic autoimmune thyroiditis.
Virchow Arch [Path Anat] 346:302-17, 1969
ADULT/ AGED/ *AUTOIMMUNE DISEASES, pathology/ CHRONIC DISEASE/ *GOITER, pathology/ HUMAN/ METHODS/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ THYROIDITIS, etiology/ *THYROIDITIS, pathology/ THYROIDITIS, LYMPHOMATOUS, pathology

2531. **Neville AM, Webb JL, Symington T**: The in vitro utulization of (4-14C)-dehydroisoandrosterone by human adrenocortical tumors associated with virilism. Steroids 13:821-33, Jun 69
ADENOMA, enzymology/ *ADENOMA, metabolism/ ADOLESCENCE/ ADRENAL GLAND NEOPLASMS, enzymology/ *ADRENAL GLAND NEOPLASMS, metabolism/ ANDROSTANES, metabolism/ CARBON ISOTOPES/ CHILD/ CHROMATOGRAPHY/ *DEHYDROEPIANDROSTERONE, metabolism/ HUMAN/ HYDROXYSTEROID DEHYDROGENASE, metabolism/ IN VITRO/ ISOMERASES, metabolism/ 17-KETOSTEROIDS, metabolism/ MALE/ SPECTROPHOTOMETRY/ STEROLS, metabolism/ ULTRAVIOLET RAYS/ VIRILISM, enzymology/ *VIRILISM, metabolism

2532. **Nevstrueva MA, Livshits RE, Shubik VM**: Vliianie immunizatsii na kinetiku vvedeniia strontsiia-90 i nekotorye pokazateli estestvennogo immuniteta. Gig Sanit 32:44-7, Sep 67 (Rus)
ANIMAL EXPERIMENTS/ BONE AND BONES, metabolism/ ENGLISH ABSTRACT/ *IMMUNITY, radiation effects/ *IMMUNIZATION/ MALE/ *RADIATION EFFECTS/ RATS/ *STRONTIUM ISOTOPES/ STRONTIUM ISOTOPES, metabolism

2533. **Newcomer WS**: Dependence of protein-binding of iodide on concentration of thyroidal iodide in chickens. Endocrinology 85:231-5, Aug 69
ANIMAL EXPERIMENTS/ CHICKENS/ IODIDES, analysis/ IODIDES, blood/ *IODIDES, metabolism/ PROTEIN BINDING/ *PROTEINS, metabolism/ THYROID GLAND, analysis/ *THYROID GLAND, metabolism

2534. **Newell FW, Krill AE**: Treatment of uveitis with azathioprine (Imuran).
Trans Ophthal Soc UK 87:499-511, 1967
ADOLESCENCE/ ADULT/ AGED/ *AZATHIOPRINE, therapeutic use/ CHRONIC DISEASE/ FEMALE/ GLUCOCORTICOIDS, therapeutic use/ HISTOPLASMOSIS, drug therapy/ HUMAN/ MALE/ MIDDLE AGE/ *UVEITIS, drug therapy/ UVEITIS, etiology/ VISUAL ACUITY

2535. **Newsome HH**: Purification of bovine renin.
Biochim Biophys Acta 185:247-50, 8 Jul 69
ANIMAL EXPERIMENTS/ ANTIGENS/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ KIDNEY, analysis/ *KIDNEY, enzymology/ METHODS/ PRECIPITATION/ *RENIN, isolation & purification

2536. **Nibbelink DW, Peters BH, McCormick WF**: On the association of pheochromocytoma and cerebellar hemangioblastoma.
Neurology (Minneap) 19:455-60, May 69
ADOLESCENCE/ *ADRENAL GLAND NEOPLASMS, complications/ ADRENAL GLAND NEOPLASMS, pathology/ ADULT/ ANGIOGRAPHY/ *ANGIOSARCOMA, complications/ ANGIOSARCOMA, pathology/ *CEREBELLAR NEOPLASMS, complications/ CEREBELLAR NEOPLASMS, pathology/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PHEOCHROMOCYTOMA, complications/ PHEOCHROMOCYTOMA, pathology

2537. **Nichols J**: Antenatal diagnosis of adrenocortical hyperplasia. Lancet 1:1151-2, 7 Jun 69
*ADRENOGENITAL SYNDROME, diagnosis/ ADULT/ *AMNIOTIC FLUID, analysis/ ESTRADIOL, analysis/ ESTRIOL, analysis/ *ESTROGENS, analysis/ ESTRONE, analysis/ FEMALE/ *FETAL DISEASES, diagnosis/ HUMAN/ PREGNANCY/ *PREGNANETRIOL, analysis

2538. **Nicolaïdis S**: Early systemic responses to orogastric stimulation in the regulation of food and water balance: functional and electrophysiological data.
Ann NY Acad Sci 157:1176-203, 15 May 69
ADOLESCENCE/ ADULT/ ANIMAL EXPERIMENTS/ BLOOD SUGAR, analysis/ CARBON DIOXIDE, biosynthesis/ CATS/ DIET/ *DRINKING BEHAVIOR/ ELECTROPHYSIOLOGY/ *FEEDING BEHAVIOR/ FEMALE/ HUMAN/ HYPOTHALAMUS, physiology/ MALE/ METHODS/ OXYGEN CONSUMPTION/ RATS/ RECEPTORS, NEURAL, physiology/ RESPIRATION/ STOMACH, physiology/ SWEATING/ URINE, analysis/ WATER/ WATER-ELECTROLYTE BALANCE

2539. **Nicolis GL, Gabrilove JL**: Studies on the efficiency of adrenocortical 11 beta-hydroxylation in the human subject. J Clin Endocr 29:831-6, Jun 69
ADENOMA, metabolism/ ADOLESCENCE/ ADRENAL GLAND NEOPLASMS, metabolism/ ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, metabolism/ ADULT/ CARCINOMA, metabolism/ CARCINOMA, BRONCHOGENIC, metabolism/ CORTICOTROPIN, pharmacodynamics/ CUSHING'S SYNDROME, metabolism/ FEMALE/ HIRSUTISM, metabolism/ HUMAN/ *HYDROCORTISONE, urine/ *17-HYDROXYCORTICOSTEROIDS, urine/ MALE/ MIDDLE AGE/ *PREGNANES, urine/ VIRILISM, metabolism

2540. **Niedergerke R, Page S, Talbot MS**: Determination of calcium movements in heart ventricles of the frog.
J Physiol (London) 202:58P-60P, Jun 69
ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ ELECTRIC STIMULATION/ FROGS/ HEART VENTRICLE, metabolism/ METHODS/ MOTOR ACTIVITY/ *MYOCARDIUM, metabolism/ PERFUSION

2541. **Niendorf F**: Behandlungsergebnisse klimakterischer Ausfallserscheinungen mit einem neuen Ostrogenpräparat.
Med Welt 48:2652-7, 30 Nov 68 (Ger)
ADULT/ *CLIMACTERIC/ *ESTRADIOL, therapeutic use/ FEMALE/ HUMAN/ MIDDLE AGE

2542. **Niepel G**: Medikamentöse Therapie der progressiven Polyarthritis. Beitr Rheum 13:97-106, 1968 (Ger)
*ANALGESICS AND ANTIPYRETICS, therapeutic use/ *ANTIMALARIALS, therapeutic use/ *ARTHRITIS, RHEUMATOID, drug therapy/ *GLUCOCORTICOIDS, therapeutic use/ HUMAN

2543. **Niermann H**: Probleme der menschlichen Fortpflanzung. Hippokrates 39:845-8, 30 Nov 68 (Ger)
ADOPTION/ *CRYPTORCHISM, drug therapy/ HUMAN/ INSEMINATION, ARTIFICIAL/ KLINEFELTER'S SYNDROME, complications/ *KLINEFELTER'S SYNDROME, diagnosis/ MALE/ OSTEOPOROSIS, etiology/ *STERILITY, MALE, etiology/ STERILITY, MALE, occurrence/ STERILITY, MALE, prevention & control/ *TESTICULAR DISEASES, complications

2544. **Niimi A, Horiguchi T, Nakajima H**: [Significance of heterotopic thyroid as etiology of sporadic cretinism]
Clin Endocr (Tokyo) 17:194-7, Mar 69 (Jap)
ADOLESCENCE/ ADULT/ CHILD/

*CRETINISM, etiology/ FEMALE/ HUMAN/ IODINE ISOTOPES/ MALE/ RADIOISOTOPE SCANNING/ *THYROID GLAND, abnormalities

2545. **Niimi H, Fujimori M, Horiguchi T, et al:** [Genetic consideration of thyroid diseases in infants] Clin Endocr (Tokyo) 17:153-8, Mar 69 **(Jap)**
AGE FACTORS/ FEMALE/ HUMAN/ INFANT/ IODINE, metabolism/ IODOTYROSINE, metabolism/ MALE/ PEDIGREE/ SEX FACTORS/ *THYROID DISEASES, familial & genetic

2546. **Nikolai TF:** Thyroxine binding globulin deficiency. Constitutional growth retardation erroneously diagnosed as isolated thyrotropin deficiency. J Pediat 75:130-2, Jul 69
CHILD/ DIAGNOSIS, DIFFERENTIAL/ *GROWTH/ GROWTH DISORDERS, diagnosis/ HUMAN/ *HYPOTHYROIDISM, diagnosis/ IMMUNOLOGIC DEFICIENCY SYNDROMES/ MALE/ PROTEIN-BOUND IODINE TEST/ SEX CHROMOSOMES/ *THYROTROPIN/ *THYROXINE-BINDING PROTEIN

2547. **Nilsson BE:** Parity and osteoporosis. Surg Gynec Obstet 129:27-8, Jul 69
AGED/ BONE AND BONES, analysis/ *BONE AND BONES, anatomy & histology/ BONE AND BONES, radiography/ DENSITOMETRY, X-RAY/ FEMALE/ FEMUR, anatomy & histology/ HUMAN/ METACARPUS, anatomy & histology/ MIDDLE AGE/ *OSTEOPOROSIS, etiology/ *OSTEOPOROSIS, occurrence/ PARITY/ *PREGNANCY/ PREGNANCY COMPLICATIONS/ RADIUS, anatomy & histology

2548. **Nir I, Dimick MK, Lepkovsky S:** A fat-mobilizing substance in chicken urine. Canad J Physiol Pharmacol 47:435-43, May 69
ANIMAL EXPERIMENTS/ BLOOD SUGAR/ BODY WEIGHT, drug effects/ CHICKENS/ CHOLESTEROL, blood/ FASTING/ *FATS, metabolism/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ HYPOPHYSECTOMY/ LIVER, drug effects/ MALE/ MICE/ ORGAN WEIGHT/ PHOSPHOLIPIDS, blood/ RATS/ SEX FACTORS/ SPECIES SPECIFICITY/ TRIGLYCERIDES, blood

2549. **Niselovskaia LI, Kolymovskaia LP:** Izuchenie vliianiia bakterial'nykh endotoksinov na okislitel'noe fosforilirovanie v pecheni. Biull Eksp Biol Med 67:51-3, Apr 69 **(Rus)**
*ADRENALECTOMY/ ANIMAL EXPERIMENTS/ BORDETELLA PERTUSSIS, analysis/ ENDOTOXINS, isolation & purification/ *ENDOTOXINS, pharmacodynamics/ ESCHERICHIA COLI, analysis/ IN VITRO/ *LIVER, drug effects/ MITOCHONDRIA, drug effects/ *OXIDATIVE PHOSPHORYLATION, drug effects/ RATS/ RESPIRATION, drug effects/ SALMONELLA PARATYPHI, analysis/ SHIGELLA, analysis

2550. **Nishino K:** [Studies on the human rib-cartilage. 1. A comparative study of radiological findings of calcification and ossification of the human rib-cartilage with its histological findings] Kekkaku 44:131-7, Apr 69 **(Jap)**
ADOLESCENCE/ ADULT/ AGED/ *CALCIFICATION, PHYSIOLOGIC/ *CARTILAGE/ CHILD/ CHILD, PRESCHOOL/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ MIDDLE AGE/ *OSSIFICATION, PHYSIOLOGIC/ *RIBS/ RIBS, anatomy & histology/ RIBS, radiography

2551. **Nistico G, Scapagnini U, Preziosi P:** Metabolic changes in depression. Lancet 2:159, 19 Jul 69
ANIMAL EXPERIMENTS/ BETAMETHASONE, pharmacodynamics/ *BRAIN, metabolism/ *DEPRESSION, metabolism/ DEPRESSION, physiopathology/ HUMAN/ PITUITARY-ADRENAL SYSTEM/ *SEROTONIN, metabolism/ TRYPTOPHAN, metabolism

2552. **Nitsch K:** Rachitisprophylaxe in der Praxis. Med Klin 64:563, 21 Mar 69 **(Ger)**
GENERAL PRACTICE/ HUMAN/ INFANT/ *RICKETS, prevention & control/ VITAMIN D, administration & dosage

2553. **Nobel S, Barnhart F:** Specific binding radioassay of serum thyroxine. Clin Chem 15:509-20, Jun 69
ANALYSIS OF VARIANCE/ BLOOD PROTEINS/ COMPARATIVE STUDY/ HUMAN/ IODINE, blood/ IODINE ISOTOPES/ ION EXCHANGE RESINS/ MATHEMATICS/ METHODS/ PROTEIN BINDING/ *THYROXINE, blood/ THYROXINE-BINDING PROTEIN/ TIME FACTORS

2554. **Noble EP, Butte JC, Kakihana R:** A test for alcoholism? Lancet 2:107, 12 Jul 69
ADAPTATION, PHYSIOLOGICAL/ *ALCOHOLISM, diagnosis/ DRUG TOLERANCE/ HUMAN/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, drug effects/ *PITUITARY-ADRENAL SYSTEM, drug effects

2555. **Noble JP, Bolgert M:** Les manifestations cutanéo-muqueuses des plasmocytoses. Presse Med 77:431-4, 8 Mar 69 **(Fre)**
ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ AMYLOIDOSIS, etiology/ AMYLOIDOSIS, pathology/ AUTOIMMUNE DISEASES/ BENCE JONES PROTEIN, analysis/ BENCE JONES PROTEIN, blood/ COLD/ CRYOGLOBULINS/ ENGLISH ABSTRACT/ GAMMA GLOBULIN, 19S/ HUMAN/ HYPERLIPEMIA, occurrence/ MALE/ MELPHALAN, therapeutic use/ MUCOUS MEMBRANE, pathology/ *MULTIPLE MYELOMA, diagnosis/ MYCOSIS FUNGOIDES, diagnosis/ OSTEOPOROSIS/ *PLASMA CELLS/ *PLASMACYTOMA/ PURPURA, HYPERGLOBULINEMIC, etiology/ PYODERMA, pathology/ *SKIN MANIFESTATIONS/ *SKIN ULCER, diagnosis/ TONGUE, pathology/ XANTHOMATOSIS, occurrence

2556. **Nordio S:** Attualità in campo di fisiopatologia del trasporto organico del calcio. I. I tre aspetti fondamentali dell'azione della vitamina D. Minerva Pediat 19:1611-5, 1 Sep 67 **(Ita)**
AMINO ACIDS, metabolism/ *BIOLOGICAL TRANSPORT, ACTIVE/ *CALCIUM, metabolism/ CELL MEMBRANE PERMEABILITY/ HUMAN/ METABOLIC CLEARANCE RATE/ PHOSPHORUS, metabolism/ RICKETS, metabolism/ RNA, biosynthesis/ *VITAMIN D, metabolism/ VITAMIN D, pharmacodynamics

2557. **Nordman R:** Den endemiska strumans utveckling i Finland. Studier över nyföddas tyreoidea. Nord Med 81:304-7, 6 Mar 69 **(Swe)**
ENGLISH ABSTRACT/ FINLAND/ *GOITER/ GOITER, diagnosis/ GOITER, occurrence/ GOITER, prevention & control/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ *IODINE, analysis/ IODINE, therapeutic use/ ORGAN WEIGHT/ PALPATION/ *THYROID GLAND/ THYROID GLAND, analysis/ THYROID GLAND, anatomy & histology/ TIME FACTORS

2558. **Nordmann J:** Biomicroscopie du cristallin. Arch Ophtal (Paris) 29:163-76, Feb 69 **(Fre)**
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ CATARACT, etiology/ CATARACT, pathology/ CHILD/ CHILD, PRESCHOOL/ DIABETES MELLITUS, complications/ EYE DISEASES, congenital/ EYE INJURIES, complications/ HUMAN/ INFANT/ INFANT, NEWBORN/ *LENS, CRYSTALLINE, cytology/ LENS, CRYSTALLINE, embryology/ LENS, CRYSTALLINE, growth & development/ *LENS, CRYSTALLINE, pathology/ METHODS/ MICROSCOPY/ MIDDLE AGE/ TETANY, complications

2559. **Norris HJ, Garner FM, Taylor HB:** Pathology of feline ovarian neoplasms. J Path 97:138-43, Jan 69
ADENOCARCINOMA, veterinary/ CARNIVORA/ *CAT DISEASES, pathology/ CATS/ FEMALE/

GRANULOSA CELL TUMOR, veterinary/ LEIOMYOMA, veterinary/ LIPOMA, veterinary/ *OVARIAN NEOPLASMS, veterinary/ TERATOID TUMOR, veterinary

2560. **Notation AD, Ungar F:** Steroid inhibition of cholesteryl sulphate cleavage in vitro by rat testis tissue.
J Reprod Fertil 18:154-5, Feb 69
ANIMAL EXPERIMENTS/ *CHOLESTEROL, metabolism/ DEHYDROEPIANDROSTERONE, metabolism/ DEPRESSION, CHEMICAL/ IN VITRO/ KINETICS/ MALE/ PREGNENOLONE, metabolism/ RATS/ SEX HORMONES, biosynthesis/ SULFATASES, metabolism/ SULFATES/ *TESTIS, drug effects/ TESTIS, metabolism/ *TESTOSTERONE, pharmacodynamics

2561. **Notation AD, Ungar F:** Regulation of rat testis steroid sulfatase. A kinetic study.
Biochemistry (Wash) 8:501-6, Feb 69
ADRENAL CORTEX HORMONES, biosynthesis/ ANIMAL EXPERIMENTS/ *CHOLESTEROL, metabolism/ *DEHYDROEPIANDROSTERONE, metabolism/ DEPRESSION, CHEMICAL/ ESTERS/ ESTRADIOL/ FEEDBACK/ HYDROCORTISONE, pharmacodynamics/ KINETICS/ MALE/ *PREGNENOLONE, metabolism/ RATS/ *STEROIDS, pharmacodynamics/ SULFATASES, antagonists & inhibitors/ *SULFATASES, metabolism/ SULFATES/ TESTIS, enzymology/ TESTIS, metabolism/ TESTOSTERONE/ TRITIUM

2562. **Notelovitz M:** The pregnant Natal Indian diabetic.
S Afr Med J 43:394-9, 5 Apr 69
ADOLESCENCE/ ADRENAL GLANDS, physiopathology/ ADULT/ BLOOD SUGAR, analysis/ BODY HEIGHT/ BODY WEIGHT/ CAUCASIAN RACE/ CHOLESTEROL, blood/ ESCHERICHIA COLI INFECTIONS, urine/ ESTROGENS, urine/ ETHNIC GROUPS/ FEMALE/ FETAL DEATH/ GLYCOSURIA, diagnosis/ HIRSUTISM, complications/ HUMAN/ KETONE BODIES, metabolism/ PARITY/ PREGNANCY/ PREGNANCY COMPLICATIONS/ *PREGNANCY IN DIABETES, metabolism/ PREGNANCY TOXEMIAS/ SOUTH AFRICA/ TIME FACTORS/ URIC ACID, blood/ URINARY TRACT INFECTIONS, microbiology/ VASCULAR DISEASES, complications

2563. **Novaro A:** Incidenza delle coronaropatie sulla terapia della obesità. Rass Int Clin Ter 47:977-84, Sep 67 (Ita)
APPETITE DEPRESSANTS, therapeutic use/ *CORONARY DISEASE, complications/ *DIET, REDUCING/ EXERTION/ *FASTING/ HUMAN/ *OBESITY, complications/ OBESITY, drug therapy/ SYMPATHOMIMETICS, therapeutic use/ THYROTROPIN, therapeutic use

2564. **Novello F, Gumaa JA, McLean P:** The pentose phosphate pathway of glucose metabolism. Hormonal and dietary control of the oxidative and non-oxidative reactions of the cycle in liver.
Biochem J 111:713-25, Mar 69
ADRENALECTOMY/ ALLOXAN DIABETES, enzymology/ ANIMAL EXPERIMENTS/ *DIET/ *ENDOCRINE GLANDS, physiology/ GLUCOKINASE, metabolism/ *GLUCOSE, metabolism/ GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ GLUCOSEPHOSPHATE ISOMERASE, metabolism/ HEXOKINASE, metabolism/ HORMONES, pharmacodynamics/ HYPOPHYSECTOMY/ ISOMERASES, metabolism/ *LIVER, enzymology/ MALE/ *PENTOSES, metabolism/ PHOSPHOGLUCONATE DEHYDROGENASE, metabolism/ RATS/ STARVATION/ THYROIDECTOMY/ TRANSFERASES, metabolism

2565. **Novin D, Durham R:** Unit and D-C potential studies of the supraoptic nucleus.
Ann NY Acad Sci 157:740-54, 15 May 69
ANIMAL EXPERIMENTS/ *DRINKING BEHAVIOR/ ELECTROPHYSIOLOGY/ *FEEDING BEHAVIOR/ HYPERTONIC SOLUTIONS/ *HYPOTHALAMUS, physiology/ METHODS/ OSMOSIS/ RABBITS/ RATS/ SODIUM CHLORIDE, pharmacodynamics/ SUCROSE, pharmacodynamics/ WATER DEPRIVATION

2566. **Nowiński J:** Postępy w leczeniu otosklerozy (w 90 rocznicę leczenia operacyjnego)
Przegl Lek 25:310-5, 1969 (Pol)
FENESTRATION/ HUMAN/ OSTEOGENESIS IMPERFECTA, diagnosis/ OSTEOTOMY/ *OTOSCLEROSIS, surgery/ POSTOPERATIVE COMPLICATIONS/ STAPES MOBILIZATION/ STAPES SURGERY

2567. **Noyes R Jr:** Lithium carbonate (a review).
Dis Nerv Syst 30:318-21, May 69 (18 ref.)
BRAIN, metabolism/ CARBONATES/ CARBONATES, metabolism/ CARBONATES, urine/ CARDIOVASCULAR DISEASES, chemically induced/ CENTRAL NERVOUS SYSTEM DISEASES, chemically induced/ DEHYDRATION, chemically induced/ FATIGUE, chemically induced/ GASTROINTESTINAL DISEASES, chemically induced/ GLYCOSURIA, chemically induced/ GOITER, chemically induced/ HUMAN/ INTESTINAL ABSORPTION/ *LITHIUM/ LITHIUM, metabolism/ LITHIUM, poisoning/ LITHIUM, toxicity/ LITHIUM, urine/ MENTAL DISORDERS, chemically induced/ MOVEMENT DISORDERS, chemically induced/ NOREPINEPHRINE, metabolism/ POLYURIA, chemically induced/ PSYCHOSES, MANIC-DEPRESSIVE, drug therapy/ REVIEW

2568. **Nozdrachev AD:** K mekhanizmu deĭstviia dezoksikortikosterona na peredachu vozbuzhdeniia v simpaticheskom ganglii.
Fiziol Zh SSSR Sechenov 54:454-62, Apr 68 (Rus)
ANIMAL EXPERIMENTS/ CATS/ *DESOXYCORTICOSTERONE, pharmacodynamics/ ENGLISH ABSTRACT/ *GANGLIA, AUTONOMIC, drug effects/ INTERNEURONS, drug effects/ *NEURAL TRANSMISSION, drug effects/ SYNAPSES

2569. **Nozdrachev AD:** Efferentnaia impul'satsiia v simpaticheskikh provodnikakh bodrstvuiushchikh zhivotnykh pri adrenalektomii i vvedenii kortikosteroidov.
Fiziol Zh SSSR Sechenov 53:1161-8, Oct 67 (Rus)
*ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *DESOXYCORTICOSTERONE, pharmacodynamics/ DOGS/ ELECTROPHYSIOLOGY/ *HYDROCORTISONE, pharmacodynamics/ *SYMPATHETIC NERVOUS SYSTEM, drug effects/ *SYMPATHETIC NERVOUS SYSTEM, physiology

2570. **Nussdorfer GG, Mazzocchi G:** Interrelazioni tra i vari tipi di cellule presenti nelle zone fascicolata e reticolare della cortico-surrene di ratto normale e in gravidanza. Arch Ital Anat Embriol 74:15-28, 1969 (Ita)
*ADRENAL GLANDS, cytology/ ANIMAL EXPERIMENTS/ CYTOPLASM/ ENGLISH ABSTRACT/ FEMALE/ LYSOSOMES/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ PREGNANCY/ *PREGNANCY, ANIMAL, physiology/ RATS/ RETICULUM

O

2571. **Obenberger J:** Calcification in corneas with alloxan-induced vascularization.
Amer J Ophthal 68:113-9, Jul 69
*ALLOXAN/ ANIMAL EXPERIMENTS/ *CALCINOSIS, chemically induced/ CALCINOSIS, pathology/ *CORNEA/ CORNEA, pathology/ DIHYDROTACHYSTEROL/ EYE, blood supply/ *EYE DISEASES, chemically induced/ GUINEA PIGS/ RABBITS/ RATS/ VASCULAR DISEASES, chemically induced/ VASCULAR DISEASES, pathology

2572. **Obrecht P:** Die Chemotherapie der Leukämien.
Internist (Berlin) 9:489-95, Dec 68 (Ger)
ACUTE DISEASE/ ANTINEOPLASTIC AGENTS, administration & dosage/ *ANTINEOPLASTIC AGENTS, therapeutic use/

ASPARAGINASE, therapeutic use/ CHRONIC DISEASE/ CYCLOPHOSPHAMIDE, therapeutic use/ DAUNOMYCIN, therapeutic use/ HUMAN/ *LEUKEMIA, LYMPHOCYTIC, drug therapy/ *LEUKEMIA, MYELOCYTIC, drug therapy/ MERCAPTOPURINE, therapeutic use/ METHOTREXATE, therapeutic use/ PREDNISONE, therapeutic use/ VINCRISTINE, therapeutic use

2573. **O'Brien ET:** The fibrinolytic system in arteriosclerosis.
J Irish Med Ass 62:203-12, Jun 69 (36 ref.)
AGE FACTORS/ ANTIDIABETICS, therapeutic use/ ARTERIOSCLEROSIS, drug therapy/ ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, pathology/ *ARTERIOSCLEROSIS, physiopathology/ BLOOD COAGULATION/ DIABETES MELLITUS, complications/ DIET/ EXERTION/ *FIBRINOLYSIS/ FIBRINOLYTIC AGENTS, administration & dosage/ FIBRINOLYTIC AGENTS, therapeutic use/ HUMAN/ LIPIDS, blood/ OBESITY, physiopathology/ REVIEW/ SEX FACTORS/ SMOKING/ STRESS, PSYCHOLOGIC, physiopathology/ THROMBOEMBOLISM, drug therapy/ THROMBOSIS, complications/ THYROID DISEASES, complications/ VITAMINS, therapeutic use

2574. **O'Brien J:** Generalized gangliosidosis.
J Pediat 75:167-86, Aug 69
*AMAUROTIC FAMILIAL IDIOCY/ AMAUROTIC FAMILIAL IDIOCY, blood/ AMAUROTIC FAMILIAL IDIOCY, diagnosis/ AMAUROTIC FAMILIAL IDIOCY, enzymology/ AMAUROTIC FAMILIAL IDIOCY, familial & genetic/ AMAUROTIC FAMILIAL IDIOCY, metabolism/ AMAUROTIC FAMILIAL IDIOCY, pathology/ AMAUROTIC FAMILIAL IDIOCY, prevention & control/ AMAUROTIC FAMILIAL IDIOCY, therapy/ AMAUROTIC FAMILIAL IDIOCY, urine/ BONE AND BONES, abnormalities/ BRAIN, enzymology/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ GALACTOSIDASE, metabolism/ GANGLIOSIDES, metabolism/ HUMAN/ INFANT/ INFANT, NEWBORN/ LIPOCHONDRODYSTROPHY, diagnosis/ LIVER, enzymology/ MALE/ MICROSCOPY, ELECTRON/ MUCOPOLYSACCHARIDES, metabolism/ PHENOTYPE

2575. **Ochi Y, DeGroot LJ:** Stimulation of thyroid hyperplasia and protein synthesis by LATS.
Endocrinology 85:344-7, Aug 69
ANIMAL EXPERIMENTS/ FEMALE/ GOITER, chemically induced/ HYPERPLASIA/ LEUCINE, metabolism/ *LONG-ACTING THYROID STIMULATOR, pharmacodynamics/ MICE/ ORGAN WEIGHT/ *PROTEINS, biosynthesis/ STIMULATION, CHEMICAL/ THYROID GLAND, drug effects/ *THYROID GLAND, metabolism/ *THYROTROPIN, pharmacodynamics/ THYROXINE, pharmacodynamics/ TRITIUM

2576. **Ocklitz HW, Schmitz HH, Schmidt EF:** Pädiatrische Arbeitsrichtlinien. 4. Antibiotikatherapie der Meningitis purulenta, der Sepsis und der Staphylokokkenpneumonie.
Z Aerztl Fortbild (Jena) 62:1118-21, 15 Oct 68 (Ger)
*ANTIBIOTICS, therapeutic use/ CHILD/ CHLORAMPHENICOL, therapeutic use/ COLISTIN, therapeutic use/ DIAZEPAM, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, drug therapy/ *MENINGITIS, drug therapy/ PENICILLIN, therapeutic use/ *PNEUMONIA, STAPHYLOCOCCAL, drug therapy/ PREDNISONE, therapeutic use/ *SEPTICEMIA, drug therapy/ SULFONAMIDES, therapeutic use

2577. **Odor DL, Blandau RJ:** Ultrastructural studies on fetal and early postnatal mouse ovaries. II. Cytodifferentiation.
Amer J Anat 125:177-215, Jun 69
ANIMAL EXPERIMENTS/ *CELL DIFFERENTIATION/ CELL NUCLEUS/ CYTOPLASM/ FEMALE/ GOLGI APPARATUS/ MEIOSIS/ MICE/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ MITOSIS/ *OVARY, cytology/ OVARY, embryology/ OVARY, growth & development/ PREGNANCY

2578. **O'Dor RK, Parkes CO, Copp DH:** Biological activities and molecular weights of ultimobranchial and thyroid calcitonins.
Comp Biochem Physiol 29:295-300, Apr 69
ANIMAL EXPERIMENTS/ *BRANCHIAL REGION, metabolism/ CATTLE/ CHEMISTRY/ CHICKENS/ GEL FILTRATION/ HUMAN/ MOLECULAR WEIGHT/ RATS/ SALMONIDAE/ SHARKS/ SOLUBILITY/ SPECIES SPECIFICITY/ SWINE/ *THYROCALCITONIN, metabolism/ *THYROID GLAND, metabolism/ TURKEYS

2579. **Oehmke HJ:** Regionale Strukturunterschiede im Nucleus infundibularis der Vögel (Passeriformes)
Z Zellforsch 92:406-21, 1968 (Ger)
ANIMAL EXPERIMENTS/ *BIRDS, anatomy & histology/ ENGLISH ABSTRACT/ GONADS, physiology/ HISTOLOGICAL TECHNICS/ *HYPOTHALAMUS, anatomy & histology/ HYPOTHALAMUS, physiology

2580. **Oehmke HJ, Priedkalns J, Vaupel-von Harnack M, et al:** Fluoreszenz- und elektronenmikroskopische Untersuchungen an Zwischenhirn-Hypophysensystem von Passer domesticus.
Z Zellforsch 95:109-33, 1969 (Ger)
ANIMAL EXPERIMENTS/ *BIRDS, anatomy & histology/ CYTOPLASMIC GRANULES/ ENGLISH ABSTRACT/ HISTOLOGICAL TECHNICS/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, anatomy & histology/ INJECTIONS, INTRAPERITONEAL/ MICROSCOPY, ELECTRON/ MICROSCOPY, FLUORESCENCE/ NERVE FIBERS, anatomy & histology/ *NEURONS, anatomy & histology/ RESERPINE

2581. **Oftedal P:** Radiosensitivity of Drosophila spermatogonia. IV. Mutation induction in synchronous embryos.
Scand J Clin Lab Invest 22:Suppl 106:97+, 1968
ANIMAL EXPERIMENTS/ CELL DIVISION/ *DROSOPHILA, radiation effects/ EMBRYO, cytology/ *EMBRYO, radiation effects/ FEMALE/ GENES, LETHAL/ MALE/ *MUTATION/ *RADIATION INJURY, EXPERIMENTAL/ SEX CHROMOSOMES/ *SPERMATOZOA, radiation effects

2582. **Ogasa A, Yokoki Y, Sasamoto S:** Effects of antiserum to human chorionic gonadotropin on the spermatogenesis of hypophysectomized rats injected with pregnant mare serum gonadotropin.
Nat Inst Anim Health Quart (Tokyo) 9:45-52, Spring 69
ANDROGENS, secretion/ ANIMAL EXPERIMENTS/ GENITALIA, MALE, growth & development/ GENITALIA, MALE, pathology/ *GONADOTROPINS, CHORIONIC/ *GONADOTROPINS, EQUINE, pharmacodynamics/ HUMAN/ HYPOPHYSECTOMY/ *IMMUNE SERUMS, pharmacodynamics/ INJECTIONS, SUBCUTANEOUS/ MALE/ ORGAN WEIGHT/ RABBITS/ RATS/ *REPRODUCTION/ *SPERMATOZOA

2583. **Ogbeide MI:** Prednisolone in the treatment of tetanus in infants and children. (A preliminary report).
W Afr Med J 18:7-12, Feb 69
CHILD/ CHILD, PRESCHOOL/ HUMAN/ INFANT/ INFANT, NEWBORN/ *PREDNISOLONE, therapeutic use/ TETANUS, drug therapy/ TETANUS, mortality

2584. **Ogle CW, Lockett MF:** The urinary changes induced in rats by high pitched sound (20 kcyc.-sec.).
J Endocr 42:253-60, Oct 68
ADRENAL MEDULLA/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ DENERVATION/ *DIURESIS/ EPINEPHRINE, urine/ FEMALE/ HYPOPHYSECTOMY/ KIDNEY, physiology/ *NATRIURESIS/ OXYTOCIN, pharmacodynamics/ *POTASSIUM, urine/ RATS/ *SOUND/ VASOPRESSIN, secretion/ VASOPRESSIN, urine

2585. **Ohara K**: The present status of the treatment of acne vulgaris in Japan.
J Amer Med Wom Ass 24:313-8, Apr 69
ACNE, occurrence/ *ACNE, therapy/ *ANTIBIOTICS, therapeutic use/ *COSMETICS, therapeutic use/ CRYOTHERAPY/ DIET THERAPY/ *HORMONES, therapeutic use/ HUMAN/ IONTOPHORESIS/ JAPAN

2586. **Ohnuki Y**: Structure of chromosomes. I. Morphological studies of the spiral structure of human somatic chromosomes. Chromosoma 25:402-28, 1968
*CHROMATIDS/ *CHROMOSOMES/ CHROMOSOMES, HUMAN, 1-3/ CHROMOSOMES, HUMAN, 4-5/ CHROMOSOMES, HUMAN, 6-12/ CHROMOSOMES, HUMAN, 13-15/ CHROMOSOMES, HUMAN, 16-18/ CHROMOSOMES, HUMAN, 19-20/ CHROMOSOMES, HUMAN, 21-22/ HISTOLOGICAL TECHNICS/ HUMAN/ LEUKOCYTES, cytology/ SEX CHROMOSOMES/ TISSUE CULTURE

2587. **Ohri SP, Prakash A**: Performance of Murrah buffaloes in Arid Zone. I. Effect of the length of dry period on the successive lactation yield.
Indian Vet J 46:311-5, Apr 69
*BUFFALOES, physiology/ INDIA/ *LACTATION/ *MILK

2588. **Ohtsuka E, Koide SS**: In vitro stimulation of RNA synthesis in isolated rat liver nuclei by glucocorticoids.
Biochem Biophys Res Commun 34:648-52, 6 Jun 69
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *CELL NUCLEUS, metabolism/ DNA/ *GLUCOCORTICOIDS, pharmacodynamics/ *HYDROCORTISONE, pharmacodynamics/ 17-HYDROXYCORTICOSTEROIDS, pharmacodynamics/ IN VITRO/ *LIVER, metabolism/ PHOSPHATES, pharmacodynamics/ PREGNANES, pharmacodynamics/ RATS/ *RNA, biosynthesis/ RNA NUCLEOTIDYL-TRANSFERASES, metabolism/ STEROLS, pharmacodynamics/ STIMULATION, CHEMICAL/ TRITIUM/ URACIL NUCLEOTIDES, metabolism

2589. **Oka K, Hara S**: The total synthesis of samanine.
Tetrahedron Lett 15:1193-6, Mar 69
ALKALOIDS, chem synthesis/ ANIMAL EXPERIMENTS/ SALAMANDERS/ *STEROIDS, chem synthesis

2590. **Oka K, Hara S**: Stereoselective synthesis of samandarine nucleus.
Tetrahedron Lett 24:1987-90, May 69
*ALKALOIDS, chem synthesis/ ANDROSTANES, chem synthesis/ CHEMISTRY

2591. **Okada H, Sumi M, Ahara M, et al**: [Metabolism of 3-deoxosteroid in the rabbit liver. 2]
Folia Endocr Jap 44:1274-6, 20 Mar 69 **(Jap)**
ANABOLIC STEROIDS, metabolism/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, PAPER/ ESTRANES, metabolism/ FEMALE/ IN VITRO/ *LIVER, metabolism/ NANDROLONE, biosynthesis/ PROGESTATIONAL HORMONES, metabolism/ RABBITS/ SPECTROPHOTOMETRY/ *STEROIDS, metabolism/ ULTRAVIOLET RAYS

2592. **Okamoto R**: [The endocrinology of puberty and adolescence. Prolactin]
Clin Endocr (Tokyo) 17:79-86, Feb 69 (53 ref.) **(Jap)**
ADOLESCENCE/ ANIMAL EXPERIMENTS/ CHILD/ CROP, AVIAN, metabolism/ ESTROGENS, urine/ FEMALE/ HUMAN/ LIVER, metabolism/ MALE/ PIGEONS/ PITUITARY GLAND, analysis/ *PROLACTIN/ PROLACTIN, metabolism/ PROLACTIN, physiology/ PROLACTIN, urine/ *PUBERTY/ RATS/ REVIEW

2593. **Okonkwo PO, Kinsella JE**: Orotic acid in food milk powders. Amer J Clin Nutr 22:532-4, May 69
FOOD ANALYSIS/ LACTATION/ METHODS/ *MILK, analysis/ *OROTIC ACID, analysis/ SPECTROPHOTOMETRY

2594. **Okuda K, Takigawa N**: The dehydrogenation of 5 beta-cholestane-3-alpha, 7-alpha, 12-alpha, 26-tetrol by rat liver. Biochim Biophys Acta 176:873-9, 10 Jun 69
ANIMAL EXPERIMENTS/ BILE ACIDS AND SALTS, biosynthesis/ *CHOLESTANES, metabolism/ CHOLESTEROL, metabolism/ CHROMATOGRAPHY, THIN LAYER/ DRUG STABILITY/ HYDROGEN-ION CONCENTRATION/ KIDNEY, metabolism/ KINETICS/ *LIVER, metabolism/ MALE/ MICROSOMES, metabolism/ NAD, metabolism/ NADP, metabolism/ RATS/ *STEROLS, metabolism/ TESTIS, metabolism/ TRITIUM

2595. **Oldfield RK, Pain RW**: A thyro-binding index kit test of thyroid function. An evaluation and modification.
Techn Bull Regist Med Techn 39:134-8, Jun 69
*BLOOD PROTEINS/ HUMAN/ METHODS/ PROTEIN BINDING/ *THYROID GLAND FUNCTION TESTS/ *THYROID HORMONES, blood

2596. **Olds J, Hirano T**: Conditioned responses of hippocampal and other neurons.
Electroenceph Clin Neurophysiol 26:159-66, Feb 69
ANIMAL EXPERIMENTS/ *CONDITIONING, OPERANT/ CORPORA QUADRIGEMINA, physiology/ EVOKED POTENTIALS/ HABITUATION (PSYCHOPHYSIOLOGY)/ *HIPPOCAMPUS, physiology/ HYPOTHALAMUS, physiology/ MEMORY, SHORT-TERM/ MOTIVATION/ *NEURONS, physiology/ RATS/ REACTION TIME/ RETICULAR FORMATION, physiology/ *SOUND/ THALAMUS, physiology

2597. **Olds J, Mink WD, Best PJ**: Single unit patterns during anticipatory behavior.
Electroenceph Clin Neurophysiol 26:144-58, Feb 69
*ACTION POTENTIALS/ ANIMAL EXPERIMENTS/ CORPORA QUADRIGEMINA, physiology/ *DRINKING BEHAVIOR/ *FEEDING BEHAVIOR/ HIPPOCAMPUS, physiology/ HYPOTHALAMUS, physiology/ *MOTIVATION/ *NEURONS, physiology/ RATS/ REACTION TIME/ RETICULAR FORMATION, physiology/ THALAMUS, physiology

2598. **Olivereau M, Lemoine AM**: Action de la prolactine chez l'anguille. Effet sur la structure histologique du rein après hypophysectomie.
Z Zellforsch 95:361-76, 1969 **(Fre)**
ANIMAL EXPERIMENTS/ EELS/ ELECTROLYTES, blood/ ELECTROLYTES, urine/ ENGLISH ABSTRACT/ *HYPOPHYSECTOMY/ KIDNEY, cytology/ *KIDNEY, drug effects/ KIDNEY TUBULES, drug effects/ *PROLACTIN, pharmacodynamics/ SODIUM CHLORIDE, pharmacodynamics

2599. **Olson EB, DeLuca HF**: 25-hydroxycholecalciferol: direct effect on calcium transport.
Science 165:405-7, 25 Jul 69
ANIMAL EXPERIMENTS/ *BIOLOGICAL TRANSPORT, drug effects/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ *CHOLECALCIFEROL, pharmacodynamics/ *INTESTINE, SMALL, drug effects/ PERFUSION/ RATS/ *VITAMIN D DEFICIENCY, metabolism

2600. **Oluwasanmi JO, Fajemisin AA**: Lymphatic cysts of the tunica vaginalis testis. Amer J Surg 117:728-30, May 69
ADOLESCENCE/ CASE REPORT/ CYSTS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ *LYMPHANGIOMA, diagnosis/ LYMPHANGIOMA, pathology/ MALE/ SCROTUM/ SEROUS MEMBRANE/ *TESTICULAR NEOPLASMS, diagnosis/ TESTICULAR NEOPLASMS, pathology

2601. **O'Malley BW**: Hormonal regulation of nucleic acid and protein synthesis.
Trans NY Acad Sci 31:478-503, May 69
ADRENAL CORTEX HORMONES,

pharmacodynamics/ ANDROGENS, pharmacodynamics/ ANIMAL EXPERIMENTS/ CHICK EMBRYO/ CORTICOTROPIN, pharmacodynamics/ *DNA, metabolism/ ESTROGENS, pharmacodynamics/ FEMALE/ *HORMONES, pharmacodynamics/ INSULIN, pharmacodynamics/ KIDNEY, drug effects/ LIVER, enzymology/ MALE/ OVIDUCTS, drug effects/ *PROTEINS, metabolism/ RATS/ RETINA, drug effects/ *RNA, metabolism/ SOMATOTROPIN, pharmacodynamics/ TESTIS, physiology/ THYROXINE, pharmacodynamics/ UTERUS, drug effects

2602. **O'Mara RE, McAfee JG, Subramanian G:** Rare earth nuclides as potential agents for skeletal imaging. J Nucl Med 10:49-51, Jan 69
ANIMAL EXPERIMENTS/ BONE AND BONES, metabolism/ BONE MARROW, metabolism/ EDTA/ *ERBIUM/ ERBIUM, metabolism/ INJECTIONS, INTRAVENOUS/ LIVER, metabolism/ *LUTETIUM/ LUTETIUM, metabolism/ METHODS/ MUSCLES, metabolism/ RABBITS/ *RADIOISOTOPE SCANNING/ *SAMARIUM/ SAMARIUM, metabolism/ *SKELETON/ TECHNOLOGY, RADIOLOGIC

2603. **O'Mara RE, Subramanian G, McAfee JG, et al:** Comparison of 113mIn and other short-lived agents for cerebral scanning. J Nucl Med 10:18-27, Jan 69
ADOLESCENCE/ AGED/ ANIMAL EXPERIMENTS/ *BRAIN/ BRAIN DISEASES, diagnosis/ EPENDYMOMA, metabolism/ FEMALE/ GALLIUM/ HODGKIN'S DISEASE, diagnosis/ HUMAN/ *INDIUM/ INDIUM, metabolism/ LUNG NEOPLASMS, diagnosis/ MALE/ MENINGIOMA, diagnosis/ MICE/ MIDDLE AGE/ NEOPLASMS, EXPERIMENTAL, metabolism/ PINEALOMA, diagnosis/ RADIOACTIVITY/ *RADIOISOTOPE SCANNING/ *RADIOISOTOPES/ SCANDIUM/ TECHNETIUM

2604. **Omori Y, Morrow LB, Ishimaru T, et al:** A buccal smear survey for sex chromatin aberration in Hiroshima high school students.
Hiroshima J Med Sci 18:21-30, Mar 69
ADOLESCENCE/ *CHROMOSOME ABERRATIONS/ FEMALE/ HUMAN/ JAPAN/ KARYOTYPING/ KLINEFELTER'S SYNDROME, diagnosis/ MALE/ MASS SCREENING/ MOUTH MUCOSA/ *SEX CHROMATIN

2605. **Onaya T, Solomon DH, Davidson WD:** Effect of chlorpromazine on thyrotropin-stimulated endocytosis and glucose oxidation in canine thyroid slices. Endocrinology 85:150-4, Jul 69
ANIMAL EXPERIMENTS/ CARBON DIOXIDE, biosynthesis/ CARBON ISOTOPES/ *CHLORPROMAZINE, pharmacodynamics/ COLLOIDS/ DEPRESSION, CHEMICAL/ DOGS/ *GLUCOSE, metabolism/ IN VITRO/ *LYSOSOMES/ *PHAGOCYTOSIS, drug effects/ STIMULATION, CHEMICAL/ THYROGLOBULIN, metabolism/ THYROID GLAND, cytology/ THYROID GLAND, drug effects/ *THYROID GLAND, metabolism/ *THYROTROPIN, antagonists & inhibitors

2606. **O'Neill HJ, Gershbein LL, Scholz RG:** Identification of pristane in human sebum.
Biochem Biophys Res Commun 35:946-52, 27 Jun 69
ADULT/ *ALKANES, analysis/ CHROMATOGRAPHY, GAS/ DERMOID CYST/ FEMALE/ HUMAN/ *LIPIDS, analysis/ MALE/ MIDDLE AGE/ OVARIAN NEOPLASMS/ *SEBUM, analysis/ SPECTRUM ANALYSIS/ VERNIX CASEOSA, analysis

2607. **Onnis A:** I tumori maligni dell'ovaio.
Minerva Ginec 21:333, 31 Mar 69 **(Ita)**
FEMALE/ HUMAN/ *OVARIAN NEOPLASMS, therapy

2608. **Onnis A:** Progressi nella diagnosi e terapia dei tumori trofoblastici. Minerva Ginec 19:928-33, 30 Sep 67 **(Ita)**
ADOLESCENCE/ ADULT/ *ANTIBIOTICS, therapeutic use/ *ANTIMETABOLITES, therapeutic use/ CHORIOCARCINOMA, diagnosis/ FEMALE/ HUMAN/ HYDATIDIFORM MOLE/ MIDDLE AGE/ PARITY/ *PREGNANEDIOL, urine/ *TROPHOBLASTIC TUMOR, classification/ *TROPHOBLASTIC TUMOR, diagnosis/ TROPHOBLASTIC TUMOR, pathology/ TROPHOBLASTIC TUMOR, radiography/ TROPHOBLASTIC TUMOR, surgery

2609. **Ono T, Terayama H, Takaku F, et al:** Hydrocortisone effect upon the phytohemagglutin-stimulated acetylation of histones in human lymphocytes.
Biochim Biophys Acta 179:214-20, 18 Mar 69
ACETATES, metabolism/ CHROMATOGRAPHY, ION EXCHANGE/ DACTINOMYCIN, pharmacodynamics/ DRUG ANTAGONISM/ *HISTONES, metabolism/ HUMAN/ HYDROCHLORIC ACID/ *HYDROCORTISONE, pharmacodynamics/ IN VITRO/ KINETICS/ LYMPHOCYTES, drug effects/ *LYMPHOCYTES, metabolism/ *PLANT AGGLUTININS, pharmacodynamics/ RNA, biosynthesis/ SPECTROPHOTOMETRY/ STIMULATION, CHEMICAL/ TRITIUM

2610. **Oomura Y, Ooyama H, Yamamoto T, et al:** Behavior of hypothalamic unit activity during electrophoretic application of drugs.
Ann NY Acad Sci 157:642-65, 15 May 69
ACETYLCHOLINE, pharmacodynamics/ ACTION POTENTIALS/ AMINOBUTYRIC ACID, pharmacodynamics/ AMYGDALOID BODY, physiology/ ANIMAL EXPERIMENTS/ ATROPINE, pharmacodynamics/ ELECTRIC STIMULATION/ ELECTROPHORESIS/ GLUTAMATES, pharmacodynamics/ *HYPOTHALAMUS, drug effects/ NEURONS, drug effects/ NOREPINEPHRINE, pharmacodynamics/ SEROTONIN, pharmacodynamics

2611. **Oomura Y, Ooyama H, Naka F, et al:** Some stochastical patterns of single unit discharges in the cat hypothalamus under chronic conditions.
Ann NY Acad Sci 157:666-89, 15 May 69
ANIMAL EXPERIMENTS/ CATS/ EATING/ ELECTROENCEPHALOGRAPHY/ ELECTROMYOGRAPHY/ FOOD DEPRIVATION/ *HYPOTHALAMUS, physiology/ METHODS/ MUSCLES, physiology/ NEURONS, physiology/ *PROBABILITY/ SLEEP

2612. **Orbach-Arbouys S:** Essais négatifs de rupture de tolérance immunitaire.
Rev Franc Etud Clin Biol 14:189-91, Feb 69 **(Fre)**
AGE FACTORS/ ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ BCG VACCINATION/ CORTISONE, administration & dosage/ ENGLISH ABSTRACT/ ERYTHROCYTES/ FREUND'S ADJUVANT/ *IMMUNE TOLERANCE/ LYMPHOCYTES/ PERTUSSIS VACCINE/ RATS/ SHEEP/ SPLENECTOMY/ THYMUS GLAND, transplantation/ TRANSPLANTATION, HOMOLOGOUS

2613. **Orchard WH:** Psychiatric aspects of oral contraceptives. Med J Aust 1:872-6, 26 Apr 69
BODY WEIGHT, drug effects/ COITUS/ *CONTRACEPTIVES, ORAL/ CONTRACEPTIVES, ORAL, adverse effects/ DELUSIONS/ DEPRESSION, etiology/ DRUG HYPERSENSITIVITY/ ETHICS, MEDICAL/ FEMALE/ GUILT/ HUMAN/ IATROGENIC DISEASE/ MASOCHISM/ *MENTAL DISORDERS, etiology/ NAUSEA, chemically induced/ NEUROSES/ ORGASM, drug effects/ PSYCHOPHYSIOLOGIC DISORDERS/ PSYCHOSES, TOXIC, etiology/ SEX BEHAVIOR, drug effects/ SUGGESTION/ TRANSFERENCE (PSYCHOLOGY)

2614. **Ordoñez JH:** Physiological observations in residents of Bogota, Colombia, altitude 8700 feet.
Rocky Mountain Med J 66:33-6, Apr 69
ADRENAL GLANDS, physiology/ *ALTITUDE/ *CARDIOVASCULAR SYSTEM, physiology/ COLOMBIA/ HUMAN/ *RESPIRATION

2615. **Orlandi C, Becca B:** Influenza dell'idrocortisone sulla sintesi dell'RNA nucleare e sulla sintesi proteica della placenta e del fegato materno e fetale di ratta.
Ann Ostet Ginec 90:853-63, Dec 68 **(Ita)**
ANIMAL EXPERIMENTS/ *FETUS, metabolism/ *HYDROCORTISONE, pharmacodynamics/ *LIVER, metabolism/ *MATERNAL-FETAL EXCHANGE, drug effects/ *PLACENTA, drug effects/ PLACENTA, metabolism/ PREGNANCY/ *PREGNANCY, ANIMAL, physiology/ *PROTEINS, biosynthesis/ RATS/ *RNA, biosynthesis

2616. **Orofino RA, Cattáneo ES, Callegari AL:** Control del edema post-operatorio con el empleo de corticoides y antibióticos en cirugía dento maxilar. Experencias clínicas. Rev Circ Argent Odont 32:37-8, Mar 69 **(Spa)**
ADRENAL CORTEX HORMONES, therapeutic use/ EDEMA, drug therapy/ POSTOPERATIVE COMPLICATIONS, drug therapy/ SPECIAL LIST DENTAL/ SURGERY, ORAL/ TETRACYCLINE, therapeutic use

2617. **Orsetti A, Basseres J, Macabies J:** Variations de l'insulino-sécrétion au cours de traitements par extraits thyroïdiens chez le chien.
J Physiol (Paris) 59:Suppl:276, 1967 **(Fre)**
ANIMAL EXPERIMENTS/ DOGS/ HYPOGLYCEMIA, chemically induced/ *INSULIN, secretion/ *MEMBRANE POTENTIALS/ *THYROID HORMONES, pharmacodynamics

2618. **Orsini A, Pierron H, Delire M:** Hypothyroïdie par carence en iodo-tyrosine déshodase. Résultats après 7 ans de traitement par l'iode.
Marseille Med 106:47-9, 1969 **(Fre)**
CHILD/ CHILD, PRESCHOOL/ HUMAN/ *HYPOTHYROIDISM, congenital/ HYPOTHYROIDISM, drug therapy/ INFANT/ IODINE, therapeutic use/ IODOTYROSINE, biosynthesis/ MALE/ *THYROID HORMONES, biosynthesis/ TIME FACTORS/ *TYROSINE, biosynthesis

2619. **Ortiz-Neu C, LeRoy EC:** The coincidence of Klinefelter's syndrome and systemic lupus erythematosus. Arthritis Rheum 12:241-6, Jun 69
ADULT/ ANEMIA, HEMOLYTIC, ACQUIRED, chemically induced/ AUTOIMMUNE DISEASES/ CHROMOSOME ABNORMALITIES, complications/ DIPHENYLHYDANTOIN, adverse effects/ HUMAN/ *KLINEFELTER'S SYNDROME, complications/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ LUPUS ERYTHEMATOSUS, SYSTEMIC, etiology/ MALE/ NEPHRITIS, complications/ SEX HORMONES

2620. **Osborne C:** Hydatidiform mole, co-existent with a viable pregnancy. Nurs Mirror 128:35-7, 23 May 69
CESAREAN SECTION/ HYDATIDIFORM MOLE/ PREGNANCY COMPLICATIONS/ SPECIAL LIST NURSING

2621. **Oshima H:** [Biosynthesis and metabolism of androgens in the testis in puberty]
Clin Endocr (Tokyo) 17:101-7, Feb 69 **(Jap)**
ADOLESCENCE/ ADULT/ AGED/ *ANDROGENS, biosynthesis/ ANIMAL EXPERIMENTS/ CHILD/ CHILD, PRESCHOOL/ GONADOTROPINS, CHORIONIC/ GROWTH/ HUMAN/ IN VITRO/ INFANT/ LH, physiology/ MALE/ *PUBERTY/ RATS/ TESTIS, enzymology/ *TESTIS, metabolism/ TESTOSTERONE, biosynthesis/ TESTOSTERONE, physiology

2622. **Ossenberg FW, Baghirzade M, Becker K:** Zum Krankheitsbild der pirmär-chronischen Cholangitis.
Med Welt 12:733-8, 23 Mar 68 (55 ref.) **(Ger)**
ADULT/ *CHOLANGITIS/ CHOLANGITIS, diagnosis/ CHOLANGITIS, drug therapy/ CHOLANGITIS, etiology/ CHOLANGITIS, pathology/ CHOLANGITIS, surgery/ CHRONIC DISEASE/ CORTISONE, therapeutic use/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ GALLBLADDER NEOPLASMS, diagnosis/ HUMAN/ MALE/ MIDDLE AGE/ REVIEW

2623. **Otaka T, Okui S, Uchiyama M:** Stimulation of protein synthesis in mouse liver by ecdysterone.
Chem Pharm Bull (Tokyo) 17:75-81, Jan 69
ACTINOMYCIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ *CHOLESTANES, pharmacodynamics/ *LIVER, drug effects/ MALE/ MICE/ *PROTEINS, biosynthesis/ STIMULATION, CHEMICAL/ TESTOSTERONE, pharmacodynamics

2624. **Otani T, Creaven PJ, Farrell G, et al:** Studies on the biosynthesis of 5-methoxytryptophol in the pineal.
Biochim Biophys Acta 184:184-90, 17 Jun 69
ALDEHYDES, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CATTLE/ GUINEA PIGS/ *INDOLES, biosynthesis/ INDOLES, metabolism/ KINETICS/ METHYLATION/ NADP, metabolism/ *PINEAL BODY, metabolism/ *SEROTONIN, metabolism/ TRANSFERASES

2625. **Ottaway JH:** Glutamine metabolism in the perfused rat heart. Quart J Exp Physiol 54:49-55, Jan 69
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CELL MEMBRANE PERMEABILITY/ FEMALE/ GLUTAMATES, metabolism/ *GLUTAMINE, metabolism/ MYOCARDIUM, analysis/ *MYOCARDIUM, metabolism/ PERFUSION/ RATS/ SOMATOTROPIN, pharmacodynamics

2626. **Ottaway JH:** On the presence of glutaminase in muscle.
Quart J Exp Physiol 54:56-9, Jan 69
ANIMAL EXPERIMENTS/ FEMALE/ *GLUTAMINASE, metabolism/ KIDNEY, enzymology/ *MUSCLES, enzymology/ *MYOCARDIUM, enzymology/ RATS/ SOMATOTROPIN, pharmacodynamics

2627. **Otto H:** Vergleichende Untersuchungen zur Osteoporose (Dem.)
Verh Deutsch Ges Path 52:332-3, 1968 **(Ger)**
AGE FACTORS/ ENGLISH ABSTRACT/ FEMUR NECK, pathology/ HISTOLOGICAL TECHNICS/ HUMAN/ *OSTEOPOROSIS, pathology

2628. **Otto H, Zeus U, Pförtner P:** Morphologie und Morphometrie der Altersosteoporose am Beckenkamm, Femur und 12. Brustwirbel.
Beitr Path Anat 138:436-49, 1969 **(Ger)**
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ ATROPHY/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ *FEMUR, pathology/ FEMUR NECK, pathology/ HUMAN/ *ILIUM, pathology/ MALE/ METHODS/ MIDDLE AGE/ *OSTEOPOROSIS, pathology/ *THORACIC VERTEBRAE, pathology

2629. **Otto K, Heidrich R:** Turner-Syndrom und Stauungspapille.
Z Aerztl Fortbild (Jena) 63:346-7, 15 Mar 69 **(Ger)**
ADULT/ FEMALE/ HUMAN/ HYDROCEPHALUS, complications/ HYDROCEPHALUS, radiography/ *PAPILLEDEMA, etiology/ *TURNER'S SYNDROME, complications/ TURNER'S SYNDROME, radiography

2630. **Overbeck L, Philipp E:** Die Ultrastruktur des Disgerminoms im Ovar. Zugleich ein Beitrag zur Histogenese des Tumors.
Z Geburtsh Gynaek 170:125-36, Apr 69 **(Ger)**
ADULT/ CELL DIFFERENTIATION/ CELL TRANSFORMATION, NEOPLASTIC/ DISGERMINOMA, etiology/ *DISGERMINOMA, pathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MICROSCOPY, ELECTRON/ OVARIAN NEOPLASMS, etiology/ *OVARIAN NEOPLASMS, pathology

2631. **Oyama T, Kimura K, Takazawa T, et al:** An objective evaluation of tranquilizers as preanaesthetic medication: effect on adrenocortical function.
Canad Anaesth Soc J 16:209-16, May 69
ADOLESCENCE/ *ADRENAL GLANDS, drug effects/ ADULT/ COMPARATIVE STUDY/ DIAZEPAM, pharmacodynamics/ FEMALE/ HUMAN/ HYDROCORTISONE, blood/ HYDROXYZINE, pharmacodynamics/ MALE/

MIDDLE AGE/ PLACEBOS/ *PREANESTHETIC MEDICATION/ SLEEP, drug effects/ TRANQUILIZING AGENTS, administration & dosage/ *TRANQUILIZING AGENTS, pharmacodynamics/ WAKEFULNESS, drug effects

2632. **Oyama T, Shibata S, Matsuki A, et al:** Effect of methoxyflurane anaesthesia on thyroid function in man. Canad Anaesth Soc J 16:204-8, May 69
ADULT/ FEMALE/ HUMAN/ IODINE ISOTOPES/ MALE/ *METHOXYFLURANE, pharmacodynamics/ MIDDLE AGE/ *THYROID GLAND, drug effects/ THYROXINE, blood/ TRIIODOTHYRONINE, blood

2633. **Oyama T, Shibata S, Kimura K, et al:** Objective evaluation of pentobarbital as preanesthetic medication: effect on adrenocortical function. Anesth Analg (Cleveland) 48:367-72, May-Jun 69
ADOLESCENCE/ ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, physiology/ ADULT/ ANXIETY/ HUMAN/ HYDROCORTISONE, blood/ 17-HYDROXYCORTICOSTEROIDS, blood/ MIDDLE AGE/ *PENTOBARBITAL/ PLACEBOS/ *PREANESTHETIC MEDICATION

2634. **Oye I:** Adenosine-3',5'-monofosfat som signalmoleky l i hormonale virkningsmekanismer. Nord Med 81:97-101, 23 Jan 69 (17 ref.) **(Swe)**
ADENINE NUCLEOTIDES, biosynthesis/ ADENINE NUCLEOTIDES, pharmacodynamics/ *ADENINE NUCLEOTIDES, physiology/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, physiology/ ADENYL CYCLASE, biosynthesis/ ANIMAL EXPERIMENTS/ CORTICOTROPIN/ *ENZYMES/ EPINEPHRINE/ GLUCAGON/ HISTAMINE/ *HORMONES, pharmacodynamics/ *HORMONES, physiology/ PARATHYROID HORMONE/ PITUITARY HORMONES, ANTERIOR/ REVIEW/ VASOPRESSIN

2635. **Ozsváth A:** Klinische Prüfung von Dexamed-Butazon. Med Welt 48:2669-70, 30 Nov 68 **(Ger)**
AESCULUS, therapeutic use/ *ARTHRITIS, drug therapy/ BIOFLAVONOIDS, therapeutic use/ *DEXAMETHASONE, therapeutic use/ HUMAN/ LIDOCAINE, therapeutic use/ *PHENYLBUTAZONE, therapeutic use/ SALICYLAMIDES, therapeutic use/ *SPINAL DISEASES, drug therapy/ SPONDYLITIS, drug therapy/ THIAMINE, therapeutic use/ VITAMIN B 12, therapeutic use

P

2636. **Packer L, Utsumi K:** The relation of respiration-dependent proton transfer to mitochondrial structure. Arch Biochem 131:386-403, May 69
ANIMAL EXPERIMENTS/ *BIOLOGICAL TRANSPORT, ACTIVE/ CALCIUM, metabolism/ CHOLINE, metabolism/ CYTOCHROMES, metabolism/ DINITROPHENOLS, pharmacodynamics/ *HYDROGEN, metabolism/ MAGNESIUM, metabolism/ MEMBRANES, drug effects/ MEMBRANES, metabolism/ MITOCHONDRIA, LIVER, drug effects/ *MITOCHONDRIA, LIVER, metabolism/ OXIDATIVE PHOSPHORYLATION/ *OXYGEN CONSUMPTION/ PERMEABILITY/ POTASSIUM, metabolism/ *PROTONS/ RATS/ *RESPIRATION/ SODIUM, metabolism/ SPECTROPHOTOMETRY/ SUCCINATES, metabolism/ SURFACE-ACTIVE AGENTS, pharmacodynamics/ TIME FACTORS

2637. **Pacovský V, Dubovský J:** Nové možnosti v rozpznávání metabolických kostnich chorob. Vnitrni Lek 15:442-5, May 69 **(Cze)**
BIOCHEMISTRY/ BIOPSY/ *BONE AND BONES, metabolism/ *BONE DISEASES, diagnosis/ BONE DISEASES, radiography/ ENGLISH ABSTRACT/ HUMAN/ *METABOLIC DISEASES, diagnosis/ METHODS/ RADIOISOTOPES, diagnostic use

2638. **Pagliara AS, Goodman AD:** Effect of adenosine 3',5'-monophosphate on production of glucose and ammonia by renal cortex. J Clin Invest 48:1408-12, Aug 69
*ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ *AMMONIA, biosynthesis/ ANIMAL EXPERIMENTS/ FRUCTOSE, metabolism/ FUMARATES, metabolism/ *GLUCONEOGENESIS, drug effects/ GLUTAMATES, analysis/ GLUTAMINE, metabolism/ GLYCERIN, metabolism/ IN VITRO/ KETOGLUTARIC ACID, metabolism/ *KIDNEY, drug effects/ KIDNEY, metabolism/ MALATES, metabolism/ MALE/ OXALOACETATES, metabolism/ PARATHYROID HORMONE, pharmacodynamics

2639. **Pain RW, Oldfield RK:** Survey of T3 methods of thyroid function. Techn Bull Regist Med Techn 39:139-41, Jun 69
HUMAN/ METHODS/ *THYROID GLAND FUNCTION TESTS/ *TRIIODOTHYRONINE, blood

2640. **Pak CY, Evens R, Jowsey J, et al:** The treatment of osteoporosis with calcium infusions. Clinical studies. Amer J Med 47:7-16, Jul 69
ADULT/ BONE REGENERATION/ BONE RESORPTION/ *CALCIUM, administration & dosage/ CALCIUM, blood/ CALCIUM, metabolism/ CALCIUM, urine/ CALCIUM ISOTOPES/ FECES, analysis/ FEMALE/ HUMAN/ INFUSIONS, PARENTERAL/ INTESTINAL ABSORPTION/ KINETICS/ MALE/ MIDDLE AGE/ *OSTEOPOROSIS, drug therapy/ PHOSPHORUS, blood

2641. **Pakrashi A, Ray GG:** Contraceptive mechanism of IUDs. J Reprod Fertil 19:357-9, Jul 69
ADOLESCENCE/ ADULT/ ALKALINE PHOSPHATASE, analysis/ CERVIX MUCUS/ ENDOMETRIUM, anatomy & histology/ FEMALE/ HUMAN/ *INTRAUTERINE DEVICES/ OVARY, anatomy & histology/ *OVULATION/ VAGINAL SMEARS

2642. **Pala G, Mantegani A, Coppi G:** Terpene compounds as drugs. VI. Acyclic mono- and sesquiterpene thiocyanates and isothiocyanates. J Med Chem 12:725-6, Jul 69
*ANTI-INFECTIVE AGENTS, chem synthesis/ ANTI-INFECTIVE AGENTS, pharmacodynamics/ BACILLUS SUBTILIS, drug effects/ BACTERIOLOGICAL TECHNICS/ CANDIDA, drug effects/ ENTAMOEBA HISTOLYTICA, drug effects/ ESCHERICHIA COLI, drug effects/ SALMONELLA, drug effects/ STAPHYLOCOCCUS, drug effects/ *TERPENES/ *THIOCYANATES, chem synthesis/ THIOCYANATES, pharmacodynamics/ TRICHOMONAS, drug effects

2643. **Palagi L, Jacobellis G, Frajese G, et al:** Rilievi fonotireografici nelle malattie della tiroide. Folia Endocr (Roma) 21:621-31, Oct 68 **(Ita)**
ELECTROCARDIOGRAPHY/ *GOITER, diagnosis/ *GOITER, EXOPHTHALMIC, diagnosis/ HUMAN/ *PHONOCARDIOGRAPHY/ THYROID GLAND FUNCTION TESTS/ *THYROID NEOPLASMS, diagnosis

2644. **Palattella G:** Su di un caso di osteopatia fibro-cistica a localizzazione mandibolare. Ann Stomat (Roma) 18:277-90, Mar 69 **(Ita)**
ADULT/ HUMAN/ MALE/ *MANDIBULAR DISEASES, radiography/ MANDIBULAR DISEASES, surgery/ *OSTEITIS FIBROSA CYSTICA, radiography/ OSTEITIS FIBROSA CYSTICA, surgery/ PARATHYROID GLANDS, surgery

2645. **Palem M, Maquinay A, Margoulies M, et al:** A propos du dosage par chromatographie en phase gazeuse de la testostérone sous forme de chloroacétate. Rev Franc Etud Clin Biol 14:96-8, Jan 69 **(Fre)**
ADULT/ *CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ HUMAN/ MALE/ METHODS/ *TESTOSTERONE, blood

2646. **Paley WB, Inserillo AJ, Malkary JW:** Puerperal diabetes insipidus and panhypopituitarism. Report of a case. Obstet Gynec 34:96-101, Jul 69
ADOLESCENCE/ *DIABETES INSIPIDUS, complications/ DIABETES INSIPIDUS, diagnosis/ DIABETES INSIPIDUS, etiology/ DIABETES INSIPIDUS, therapy/ FEMALE/ HUMAN/ *HYPOPITUITARISM, complications/ *PUERPERAL DISORDERS, complications/ PUERPERAL DISORDERS, diagnosis/ PUERPERAL DISORDERS, etiology/ PUERPERAL DISORDERS, therapy

2647. **Palmer KH, Feierabend JF, Baggett B, et al:** Metabolic removal of a 17-alpha-ethynyl group from the antifertility steroid, norethindrone.
J Pharmacol Exp Ther 167:217-22, Jun 69
ANIMAL EXPERIMENTS/ CHEMISTRY/ CHROMATOGRAPHY/ IN VITRO/ LIVER, analysis/ NORETHINDRONE, analysis/ NORETHINDRONE, isolation & purification/ *NORETHINDRONE, metabolism/ RABBITS

2648. **Palmer KH, Ross FT, Rhodes LS, et al:** Metabolism of antifertility steroids. I. Norethynodrel.
J Pharmacol Exp Ther 167:207-16, Jun 69
ALCOHOLS/ ANIMAL EXPERIMENTS/ CHEMISTRY/ CHROMATOGRAPHY/ FEMALE/ GUINEA PIGS/ HUMAN/ IN VITRO/ LIVER, analysis/ MALE/ NORETHYNODREL, analysis/ NORETHYNODREL, isolation & purification/ *NORETHYNODREL, metabolism/ NORETHYNODREL, urine/ RABBITS/ RATS/ SPECTRUM ANALYSIS/ STEREOISOMERS

2649. **Palmer R:** Etude comparée des effets de la contraception orale combinée ou séquentielle.
Maroc Med 49:9-12, Jan 69 (Fre)
*CONTRACEPTIVES, ORAL/ FEMALE/ HUMAN/ PREGNANCY/ TIME FACTORS

2650. **Palmieri GM, Taleisnik S:** Intake of NaCL solution in rats with diabetes insipidus.
J Comp Physiol Psychol 68:38-44, May 69
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *DIABETES INSIPIDUS/ *DRINKING BEHAVIOR/ DRINKING BEHAVIOR, drug effects/ MALE/ OSMOSIS/ OXYTOCIN, pharmacodynamics/ *SODIUM CHLORIDE/ VASOPRESSIN, pharmacodynamics/ *WATER

2651. **Paloyan E, Lawrence AM, Baker WH, et al:** Near-total parathyroidectomy. Surg Clin N Amer 49:43-8, Feb 69
ADULT/ AGED/ BIOPSY/ FEMALE/ HUMAN/ HYPERPARATHYROIDISM, diagnosis/ *HYPERPARATHYROIDISM, surgery/ HYPOPARATHYROIDISM, occurrence/ MALE/ MIDDLE AGE/ *PARATHYROID GLANDS, surgery/ POSTOPERATIVE COMPLICATIONS, occurrence/ SEX FACTORS

2652. **Panova Z:** Sravnitelni danni ot izsledvane NA PREGNANDIOLA PO TEGLOVEN I FOTOMETRICHEN METOD PRI POLIROVACHKI I TAPITSERKI.
Akush Ginek (Sofiia) 7:329-32, 1968 (Bul)
BULGARIA/ ENVIRONMENTAL EXPOSURE/ FEMALE/ HUMAN/ *NITROSO COMPOUNDS, adverse effects/ *OCCUPATIONAL DISEASES, urine/ POLISHES/ PREGNANEDIOL, biosynthesis/ *PREGNANEDIOL, urine/ *SOLVENTS, adverse effects

2653. **Pantić V, Genbačev O:** Ultrastructure of pituitary lactotropic cells of oestrogen treated male rats.
Z Zellforsch 95:280-9, 1969
ANIMAL EXPERIMENTS/ CASTRATION/ CYTOPLASM/ CYTOPLASMIC GRANULES/ ENDOPLASMIC RETICULUM/ *ESTRADIOL, pharmacodynamics/ HISTOLOGICAL TECHNICS/ MALE/ MICROSCOPY, ELECTRON/ *PITUITARY GLAND, cytology/ PITUITARY GLAND, drug effects/ PROPIONATES, pharmacodynamics/ RATS

2654. **Panzer JD, Atkinson WH:** Tricyanoaminopropene (TCAP): lace of improvement of mentation in mentally retarded children.
Psychosomatics 10:136-40, Mar-Apr 69
ADOLESCENCE/ CHILD/ *CYANIDES, therapeutic use/ FEMALE/ HUMAN/ *LEARNING, drug effects/ MALE/ *MEMORY, drug effects/ *MENTAL RETARDATION, drug therapy/ PHYSICAL EXAMINATION/ PLACEBOS/ *PROPYLAMINES, therapeutic use/ PSYCHOLOGICAL TESTS/ *THYROID ANTAGONISTS, therapeutic use

2655. **Paoletti J, Paoletti C:** Etude de l'interaction d'une diamine stéroïdique, l'Irehdiamine A, et des acides ribonucléiques de transfer.
C R Acad Sci [D] (Paris) 268:2372-5, 12 May 69 (Fre)
CHEMISTRY/ MODELS, CHEMICAL/ OPTICS/ *RNA, SOLUBLE/ RNA, SOLUBLE, analysis/ SPECTROPHOTOMETRY/ *STEROIDS

2656. **Papanicolaou AD, Loraine JA, Dove GA:** Hormone excretion patterns in perimenopausal women.
J Endocr 43:xxvi, Jan 69
BIOLOGICAL ASSAY/ *ESTROGENS, urine/ FEMALE/ HUMAN/ *LH, urine/ *MENOPAUSE/ OVARY, metabolism/ OVULATION/ *PREGNANEDIOL, urine/ RATS

2657. **Pappas A:** Zur Syntropie von Diabetes und Addisonscher Krankheit.
Med Welt 29:1673-9, 22 Jul 67 (Ger)
*ADDISON'S DISEASE, complications/ ADULT/ *DIABETES MELLITUS, complications/ *GLUCOCORTICOIDS, adverse effects/ HUMAN/ MALE

2658. **Pare CM, Yeung DP, Price K, et al:** 5-hydroxytryptamine, noradrenaline, and dopamine in brainstem, hypothalamus, and caudate nucleus of controls and of patients committing suicide by coal-gas poisoning. Lancet 2:133-5, 19 Jul 69
AGE FACTORS/ *BRAIN STEM, analysis/ *CARBON MONOXIDE POISONING, metabolism/ *CAUDATE NUCLEUS, analysis/ COAL/ DEPRESSION, metabolism/ *DOPAMINE, analysis/ FEMALE/ HUMAN/ *HYPOTHALAMUS, analysis/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, metabolism/ *NOREPINEPHRINE, analysis/ *SEROTONIN, analysis/ *SUICIDE

2659. **Parfitt AM:** Chlorothiazide-induced hypercalcemia in juvenile osteoporosis and hyperparathyroidism.
New Eng J Med 281:55-9, 10 Jul 69
ADULT/ AGED/ BLOOD UREA NITROGEN/ BONE RESORPTION, chemically induced/ CALCIUM, blood/ CALCIUM, therapeutic use/ CALCIUM, urine/ *CHLOROTHIAZIDE, adverse effects/ DIURETICS, adverse effects/ ERGOCALCIFEROL, therapeutic use/ FEMALE/ HUMAN/ *HYPERCALCEMIA, chemically induced/ HYPERCALCEMIA, complications/ *HYPERPARATHYROIDISM, complications/ MALE/ METHYCLOTHIAZIDE, adverse effects/ MIDDLE AGE/ *OSTEOPOROSIS, drug therapy/ PREGNANCY/ PREGNANCY COMPLICATIONS

2660. **Parisi M, Ripoche P, Bourguet J:** Une préparation de l'épithélium isolé de la vessie de grenouille; réponses à l'ocytocine, au 3',5'-adénosine monophosphate cyclique et à la théophylline.
Pflueger Arch 309:59-69, 1969 (Fre)
*ADENINE NUCLEOTIDES, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLADDER, drug effects/ CELL MEMBRANE PERMEABILITY/ ENGLISH ABSTRACT/ EPITHELIUM/ FROGS/ OSMOSIS/ *OXYTOCIN/ SODIUM, metabolism/ *THEOPHYLLINE, pharmacodynamics/ WATER, metabolism

2661. **Parker DC, Sassin JF, Mace JW, et al:** Human growth hormone release during sleep: electroencephalographic correlation.
J Clin Endocr 29:871-4, Jun 69
ADULT/ ARGININE, diagnostic use/ ELECTROENCEPHALOGRAPHY/ HUMAN/ MALE/ *SLEEP/ SLEEP, REM/ SLEEP STAGES/ *SOMATOTROPIN, secretion

2662. **Parkin JM, Neligan GA, Dee PM, et al:** The influence of genetic differences, nutrition and sex on the radiological appearances of the lower limb

ossification centres in newborn twins.
Hum Biol 41:1-12, Feb 69
*ANKLE, physiology/ ANKLE, radiography/ *CALCIFICATION, PHYSIOLOGIC/ FEMALE/ *GENETICS, HUMAN/ HUMAN/ INFANT, NEWBORN/ KNEE, radiography/ *LEG, physiology/ MALE/ MATERNAL-FETAL EXCHANGE/ SEX FACTORS/ *TWINS

2663. **Parkinson D:** Intracranial pheochromocytomas (active glomus jugulare). Case report.
J Neurosurg 31:94-100, Jul 69
ADOLESCENCE/ *ADRENAL GLAND NEOPLASMS, diagnosis/ AORTIC DISEASES, diagnosis/ CATECHOLAMINES/ CEREBRAL ANGIOGRAPHY/ HUMAN/ MALE/ NOMENCLATURE/ PARAGANGLIOMA, diagnosis/ PARAGANGLIOMA, NONCHROMAFFIN, diagnosis/ *PHEOCHROMOCYTOMA, diagnosis/ STAINS AND STAINING

2664. **Parkinson PI, Dickson DS:** Survival after 204 defibrillations. Brit Med J 3:175, 19 Jul 69
DEXAMETHASONE, administration & dosage/ *ELECTRIC COUNTERSHOCK/ HUMAN/ MALE/ MIDDLE AGE/ VENTRICULAR FIBRILLATION, drug therapy/ *VENTRICULAR FIBRILLATION, therapy

2665. **Parli CJ, Burns LC, Meghal SK, et al:** Pyruvate metabolism in mammalian liver.
Amer J Physiol 216:1525-33, Jun 69
ALLOXAN, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD SUGAR, analysis/ BUTYRATES, metabolism/ CARBON ISOTOPES/ FASTING/ GLUCAGON, pharmacodynamics/ GLUCOCORTICOIDS, pharmacodynamics/ GLUCONEOGENESIS/ GLUTAMATES, metabolism/ GUINEA PIGS/ HAMSTERS/ HYDROCORTISONE, pharmacodynamics/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, INTRAVENOUS/ *LIVER, metabolism/ METHODS/ MICE/ MITOCHONDRIA, LIVER, metabolism/ MONOSACCHARIDES, pharmacodynamics/ PHLORHIZIN, pharmacodynamics/ *PYRUVATES, metabolism/ RABBITS/ RATS

2666. **Parr E:** The role of inflammation in the uterine weight increase caused by an IUD.
J Reprod Fertil 18:221-6, Mar 69
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CASTRATION/ ENDOMETRIUM, physiopathology/ FEMALE/ GERM-FREE LIFE/ INFLAMMATION/ *INTRAUTERINE DEVICES/ ORGAN WEIGHT/ RATS/ *UTERUS, physiopathology

2667. **Parra A, Schultz RB:** Metabolic response to simultaneous infusion of epinephrine and propranolol in obese adolescents. Metabolism 18:497-508, Jun 69
ADOLESCENCE/ BLOOD SUGAR, metabolism/ CLINICAL RESEARCH/ DRUG SYNERGISM/ *EPINEPHRINE, pharmacodynamics/ FATTY ACIDS, NONESTERIFIED, blood/ INSULIN, blood/ *INSULIN, secretion/ INSULIN ANTIBODIES/ MALE/ *OBESITY, metabolism/ *PROPRANOLOL, pharmacodynamics/ SOMATOTROPIN, blood

2668. **Parratt JR:** Pharmacological aspects of the coronary circulation. Progr Med Chem 6:11-66, 1969 (496 ref.)
ADENINE NUCLEOTIDES, pharmacodynamics/ ANGINA PECTORIS, drug therapy/ ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ *CORONARY DISEASE, drug therapy/ CORONARY DISEASE, physiopathology/ *CORONARY VESSELS, drug effects/ CORONARY VESSELS, physiology/ EPINEPHRINE, pharmacodynamics/ HEART ATRIUM, physiology/ HISTAMINE, pharmacodynamics/ HUMAN/ IPROVERATRIL, pharmacodynamics/ MYOCARDIUM, metabolism/ NITRATES, pharmacodynamics/ NITRITES, pharmacodynamics/ NOREPINEPHRINE, pharmacodynamics/ OXYGEN CONSUMPTION/ PEPTIDES, pharmacodynamics/ PIPERAZINES, pharmacodynamics/ PRENYLAMINE, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ REGIONAL BLOOD FLOW/ REVIEW/ SEROTONIN, pharmacodynamics/ *VASODILATOR AGENTS, pharmacodynamics/ VASOPRESSIN, pharmacodynamics

2669. **Pàstina R, Domini E, Signori G:** Importanza dei test immunologici per il dosaggio dell'HCG nella diagnostica dei tumori trofoblastici e nel controllo della resposta terapeutica.
Minerva Ginec 19:933, 30 Sep 67 **(Ita)**
*CHORIOCARCINOMA, diagnosis/ CHORIOCARCINOMA, drug therapy/ FEMALE/ FOLLOW-UP STUDIES/ GONADOTROPINS, CHORIONIC, analysis/ *GONADOTROPINS, CHORIONIC, urine/ HUMAN/ HYDATIDIFORM MOLE/ *METHOTREXATE, therapeutic use/ *TROPHOBLASTIC TUMOR, diagnosis

2670. **Pàstina R, Jacona A, Gallina T:** Su di un caso di teratocorionepitelioma del testicolo trattato con terapia medica. Minerva Ginec 19:937-8, 30 Sep 67 **(Ita)**
ADULT/ *CHORIOCARCINOMA, drug therapy/ *GONADOTROPINS, CHORIONIC, urine/ HUMAN/ MALE/ *MERCAPTOPURINE, therapeutic use/ METHOTREXATE, therapeutic use/ NEOPLASM METASTASIS/ *TERATOID TUMOR, drug therapy/ *TESTICULAR NEOPLASMS, drug therapy

2671. **Patat P:** Die Anwendung der Gestagene in der Behandlung der Tuberkulose der weiblichen Genitalien. Med Mschr 23:282-4, Jun 69 **(Ger)**
FEMALE/ HUMAN/ *LYNESTRENOL, therapeutic use/ *TUBERCULOSIS, FEMALE GENITAL, drug therapy

2672. **Patent DH:** The reproductive cycle of Gorgonocephalus caryi (Echinodermata; Ophiuroidea).
Biol Bull 136:241-52, Apr 69
ANIMAL EXPERIMENTS/ *ECHINODERMATA, physiology/ FEMALE/ GONADS, anatomy & histology/ MALE/ OVARY, growth & development/ OVARY, physiology/ *REPRODUCTION/ SEASONS/ TESTIS, growth & development/ TESTIS, physiology

2673. **Patrova EA:** Metody opredeleniia vitamina D.
Farmatsiia 18:79-82, Mar-Apr 69 (60 ref.) **(Rus)**
CHROMATOGRAPHY/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ COLORIMETRY/ METHODS/ POLAROGRAPHY/ REVIEW/ SPECTROPHOTOMETRY/ *VITAMIN D, analysis

2674. **Patterson A, Jones BR:** The management of ocular herpes. Trans Ophthal Soc UK 87:59-84, 1967
ADOLESCENCE/ ADULT/ AGED/ BURNS, CHEMICAL, therapy/ CAUTERY/ CHILD/ CHILD, PRESCHOOL/ CLINICAL RESEARCH/ CORNEAL ULCER, therapy/ DRUG HYPERSENSITIVITY/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ IDOXURIDINE, administration & dosage/ IDOXURIDINE, adverse effects/ INFANT/ *KERATITIS, DENDRITIC, therapy/ KERATOCONJUNCTIVITIS, therapy/ MALE/ MIDDLE AGE/ PLACEBOS/ STEROIDS, administration & dosage/ STEROIDS, adverse effects/ STEROIDS, pharmacodynamics/ VIRUS REPLICATION, drug effects/ VISUAL ACUITY

2675. **Patterson M, Wolma F, Drake A, et al:** Gastric secretion and chronic hyperparathyroidism.
Arch Surg (Chicago) 99:9-14, Jul 69
ADULT/ FEMALE/ GASTRIC ACIDITY DETERMINATION/ *GASTRIC JUICE, secretion/ HUMAN/ *HYPERPARATHYROIDISM, physiopathology/ MALE/ MIDDLE AGE/ PARATHYROID HORMONE, therapeutic use/ PENTOLINIUM TARTRATE, diagnostic use/ SCOPOLAMINE, diagnostic use/ SECRETORY RATE/ *STOMACH, physiopathology/ VAGOTOMY

2676. **Patton S:** Milk. Sci Amer 221:58-68 passim, Jul 69
ALBUMINS/ ANIMAL EXPERIMENTS/ BUTTER/ CASEIN/ CATTLE/ CELL MEMBRANE PERMEABILITY/ HAMSTERS/ *LACTATION/ LACTOSE/ *MAMMAE, cytology/ MAMMALS/ MICE/ MICROSCOPY, ELECTRON/ MILK, analysis/ *MILK, physiology/ MILK, secretion/ RATS/ SPECIES SPECIFICITY

2677. **Patton S, Hood LF, Atton JS:** Negligible release of cardiolipin during milk secretion by the ruminant. J Lipid Res 10:260-6, May 69
ANIMAL EXPERIMENTS/ CATTLE/ CHROMATOGRAPHY, THIN LAYER/ FATS, UNSATURATED, metabolism/ FATTY ACIDS, metabolism/ FEMALE/ GOATS/ *LACTATION/ MAMMAE, cytology/ *MAMMAE, metabolism/ MICROSCOPY, ELECTRON/ *MILK/ *MITOCHONDRIA, metabolism/ *PHOSPHOLIPIDS, metabolism/ PHOSPHOLIPIDS, secretion/ SPECIES SPECIFICITY/ SWINE

2678. **Paufler SK, Foote RH:** Spermatogenesis in the rabbit following ligation of the epididymidis at different levels. Anat Rec 164:339-47, Jul 69
ANIMAL EXPERIMENTS/ *EPIDIDYMIS, physiology/ MALE/ ORGAN WEIGHT/ RABBITS/ *SPERMATOZOA/ *TESTIS, anatomy & histology

2679. **Paufler SK, Foote RH:** Effect of triethylenemelamine (TEM) and cadium chloride on spermatogenesis in rabbits. J Reprod Fertil 19:309-19, Jul 69
ANIMAL EXPERIMENTS/ ATROPHY, chemically induced/ *CADMIUM, pharmacodynamics/ MALE/ RABBITS/ *SPERMATOZOA/ STERILITY, MALE, chemically induced/ TESTIS, drug effects/ TESTIS, pathology/ *TRIETHYLENE MELAMINE, pharmacodynamics

2680. **Paufler SK, Foote RH:** Semen quality and testicular function in rabbits following repeated testicular biopsy and unilateral castration. Fertil Steril 20:618-25, Jul-Aug 69
ANIMAL EXPERIMENTS/ BIOPSY/ *CASTRATION/ *FERTILITY/ HYPERTROPHY/ MALE/ MEIOSIS/ ORGAN WEIGHT/ RABBITS/ SPERMATOZOA/ *TESTIS, anatomy & histology/ *TESTIS, surgery/ TIME FACTORS

2681. **Páv J:** Uloha glukagonu v přeměne glycidů. Vnitrni Lek 15:431-4, May 69 (Cze)
*CARBOHYDRATES, metabolism/ CHROMAFFIN SYSTEM/ ENGLISH ABSTRACT/ GLUCAGON, blood/ *GLUCAGON, physiology/ HUMAN/ HYPERGLYCEMIA, chemically induced/ INSULIN, antagonists & inhibitors/ INSULIN, metabolism

2682. **Pavel J:** Induktionsveränderungen der Glutamat-Oxalazetat-Transminase in der Henne unter Wirkung von 11-Dehydrokortikosteron. Acta Physiol Acad Sci Hung 35:133-9, 1969 (Ger)
ANIMAL EXPERIMENTS/ *ASPARTATE AMINOTRANSFERASE/ CHICKENS/ *ENZYME INDUCTION/ *HYDROCORTISONE, pharmacodynamics

2683. **Pavlanský R, Cefelín P, Stehlíček J:** Reakce organismu na endoprotézy z umělých hmot v kostní chirurgii. Cas Lek Cesk 108:727-30, 8 Jun 69 (Cze)
AGED/ *BONE AND BONES, surgery/ BONE NEOPLASMS, surgery/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ ORTHOPEDICS/ *PLASTICS/ *PROSTHESIS/ SARCOMA, OSTEOGENIC, surgery

2684. **Pavlovsky S, Rivara A, Bergna L, et al:** Evaluación clínica de la daunomicina en el tratamiento de las leucemias agudas en combinación con vincristina y prednisona. Medicina (B Air) 28:Suppl 1:71-6, Dec 68 (Spa)
ACUTE DISEASE/ ADULT/ CHILD/ *DAUNOMYCIN, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ *LEUKEMIA, drug therapy/ *PREDNISONE, therapeutic use/ *VINCRISTINE, therapeutic use

2685. **Pavlycheva VI, Karpov SP:** Sluchaĭ vrozhdennoĭ mramornoĭ bolezni v sochetanii s coxa vara. Vestn Rentgen Radiol 42:97-8, Nov-Dec 67 (Rus)
*BONE DISEASES, complications/ CHILD/ HIP, radiography/ *HIP JOINT/ HUMAN/ JOINT DISEASES, radiography/ MALE/ *OSTEOPETROSIS, complications

2686. **Pawan GL:** Levels of fat mobilizing substance (FMS) in urine of human subjects in physiological and pathological conditions of increased lipid metabolism. Proc Nutr Soc 28:17A-18A, Mar 69
ANIMAL EXPERIMENTS/ FATTY ACIDS, NONESTERIFIED, blood/ HUMAN/ KETONES, blood/ *LIPIDS, metabolism/ LIPOTROPIN, urine/ *METABOLIC DISEASES, urine/ MICE

2687. **Pawlowski PJ, Berlowitz L:** Non-replicating chromatin: its attachment to the nuclear membrane in mealy bugs. Exp Cell Res 56:154-6, Jul 69
ANIMAL EXPERIMENTS/ *CELL NUCLEUS, metabolism/ CHROMOSOME MAPPING/ *CHROMOSOMES/ CYTOGENETICS/ DNA, biosynthesis/ *INSECTS, cytology/ *MEMBRANES/ MICROSCOPY, ELECTRON/ *TESTIS, cytology

2688. **Pazianos AG:** The recognition and treatment of adrenal crisis. Med Clin N Amer 53:459-63, Mar 69 (9 ref.)
*ADRENAL GLAND HYPOFUNCTION, diagnosis/ ADRENAL GLAND HYPOFUNCTION, etiology/ *ADRENAL GLAND HYPOFUNCTION, therapy/ ADRENALECTOMY/ ADULT/ CHILD, PRESCHOOL/ EMERGENCIES/ GLUCOCORTICOIDS, administration & dosage/ HUMAN/ HYPOPHYSECTOMY/ INFANT, NEWBORN/ NEOPLASM METASTASIS/ PITUITARY NEOPLASMS, complications/ POSTOPERATIVE COMPLICATIONS/ REVIEW/ STRESS

2689. **Pazin GJ, Braude AI:** Immobilizing antibodies in pyelonephritis. J Immun 102:1454-65, Jun 69
ALDOLASE/ ANIMAL EXPERIMENTS/ *ANTIBODIES, analysis/ *ANTIBODY FORMATION/ BACTERIOLOGICAL TECHNICS/ CENTRIFUGATION, DENSITY GRADIENT/ FLAGELLA, immunology/ GAMMA GLOBULIN, 7S, analysis/ IMMOBILIZATION/ IMMUNE SERUMS/ MERCAPTOETHANOL, pharmacodynamics/ PROTEUS, immunology/ *PYELONEPHRITIS, immunology/ RATS/ THYROGLOBULIN/ ULTRACENTRIFUGATION/ URINE, immunology

2690. **Pazo JH, Houssay AB, Davison TA, et al:** On the mechanism of the thyroid hypertrophy in pinealectomized rats. Acta Physiol Lat Amer 18:332-40, 1968
ANIMAL EXPERIMENTS/ FEMALE/ HYPERTROPHY/ IODINE ISOTOPES/ MALE/ *PINEAL BODY, surgery/ RATS/ *THYROID DISEASES, physiopathology

2691. **Pearlman DM, Duremdes G:** Selective management of hemorrhage from gastro-esophageal varices. Ann Surg 170:142-8, Jul 69
ADULT/ AGED/ *ESOPHAGEAL VARICES, complications/ ESOPHAGEAL VARICES, drug therapy/ ESOPHAGEAL VARICES, mortality/ ESOPHAGEAL VARICES, surgery/ FEMALE/ GASTRIC HYPOTHERMIA/ HEMORRHAGE, GASTROINTESTINAL, drug therapy/ HEMORRHAGE, GASTROINTESTINAL, mortality/ HEMORRHAGE, GASTROINTESTINAL, surgery/ *HEMORRHAGE, GASTROINTESTINAL, therapy/ HUMAN/ INTUBATION, GASTROINTESTINAL/ LIVER FUNCTION TESTS/ MALE/ METHODS/ MIDDLE AGE/ PITUITARY HORMONES, POSTERIOR, therapeutic use/ *STOMACH, blood supply/ TAMPONS

2692. **Pearse AG, Welsch U:** Ultrastructural characteristics of

the thyroid C cells in the summer, autumn and winter states of the hedgehog (Erinaceus europaeus L.), with some reference to other mammalian species.
Z Zellforsch 92:596-609, 1968
ANIMAL EXPERIMENTS/ CHICKENS, anatomy & histology/ CYTOPLASM/ CYTOPLASMIC GRANULES/ GUINEA PIGS, anatomy & histology/ HIBERNATION/ HISTOLOGICAL TECHNICS/ *INSECTIVORA, anatomy & histology/ LIZARDS, anatomy & histology/ MICE, anatomy & histology/ MICROSCOPY, ELECTRON/ RATS, anatomy & histology/ *SEASONS/ SPECIES SPECIFICITY/ *THYROID GLAND, cytology

2693. **Pech A, Cahier S, Vidal A, et al:** La chirurgie des nodules thyroïdiens.
Marseille Med 106:21-8, 1969 **(Fre)**
FEMALE/ HUMAN/ MIDDLE AGE/ *THYROID DISEASES, surgery

2694. **Peckham WD, Parlow AF:** Isolation from human pituitary glands of three discrete electrophoretic components with high luteinizing hormone activity.
Endocrinology 85:618-22, Sep 69
ASCORBIC ACID, metabolism/ BIOLOGICAL ASSAY/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS, DISK/ HUMAN/ *LH, isolation & purification/ LH, standards/ OVARY, metabolism/ *PITUITARY GLAND, analysis

2695. **Péczely P:** Effect of the median eminence of the pigeon (Columba livia domestica L.) on the regulation of adenohypophysial corticotropin secretion.
Acta Physiol Acad Sci Hung 35:47-57, 1969
ADRENAL GLANDS, physiology/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CORTICOTROPIN, analysis/ *CORTICOTROPIN, secretion/ FEMALE/ INSULIN, pharmacodynamics/ MALE/ METHODS/ *NERVE TISSUE/ PIGEONS/ PITUITARY-ADRENAL SYSTEM/ *PITUITARY GLAND, secretion/ PREDNISOLONE, pharmacodynamics/ RATS

2696. **Pegel'man SG, Kanarik UK:** Prisposobitel'nye reaktsii morskikh svinok v usloviiakh dlitel'nogo okhlazhdeniia.
Fiziol Zh SSSR Sechenov 53:1212-7, Oct 67 **(Rus)**
*ADAPTATION, PHYSIOLOGICAL/ ADRENAL GLANDS, physiopathology/ ANIMAL EXPERIMENTS/ ASCORBIC ACID DEFICIENCY, etiology/ *BODY TEMPERATURE REGULATION/ BODY WEIGHT/ *COLD/ ENGLISH ABSTRACT/ EOSINOPHILS/ GASES, metabolism/ GUINEA PIGS/ HEART, anatomy & histology/ HEMOGLOBIN/ LIVER, anatomy & histology/ TIME FACTORS

2697. **Peitersen E:** Disturbances in the central vestibular system after oral contraceptives.
J Laryng 83:725-9, Jul 69
ADULT/ BASILAR ARTERY/ *CONTRACEPTIVES, ORAL, adverse effects/ *EAR DISEASES, chemically induced/ EAR DISEASES, complications/ ELECTROOCULOGRAPHY/ FEMALE/ HUMAN/ NYSTAGMUS, complications/ THROMBOEMBOLISM, chemically induced/ VERTIGO, complications/ *VESTIBULAR APPARATUS, drug effects/ VESTIBULAR FUNCTION TESTS

2698. **Pelc SR, Viola-Magni MP:** 3. Decrease of labeled DNA in cells of the adrenal medulla after intermittent exposure to cold. J Cell Biol 42:460-8, Aug 69
*ADAPTATION, PHYSIOLOGICAL/ *ADRENAL MEDULLA, cytology/ ADRENAL MEDULLA, metabolism/ ANIMAL EXPERIMENTS/ *COLD/ *DNA, metabolism/ MITOSIS/ PERIODICITY/ RATS/ TIME FACTORS/ TRITIUM

2699. **Pellegrino de Iraldi A, Gueudet R:** Action of reserpine on the osmium tetroxide zinc iodide reactive site of synaptic vesicles in the pineal nerves of the rat.
Z Zellforsch 91:178-85, 1968
AMINES, analysis/ ANIMAL EXPERIMENTS/ CATECHOLAMINES, analysis/ HISTOCYTOCHEMISTRY/ HISTOLOGICAL TECHNICS/ INDOLES, analysis/ INJECTIONS, INTRAPERITONEAL/ IODIDES/ MALE/ MICROSCOPY, ELECTRON/ *NERVE ENDINGS, cytology/ NERVE ENDINGS, drug effects/ OSMIUM/ OXIDES/ PINEAL BODY, analysis/ *PINEAL BODY, cytology/ PINEAL BODY, drug effects/ RATS/ *RESERPINE, pharmacodynamics/ ZINC

2700. **Pelletier J, Thimonier J:** Etude de la décharge ovulante par dosage radio-immunologique de la LH plasmatique, chez la Brebis normale ou traitée par un progestagène.
C R Acad Sci [D] (Paris) 268:573-6, 20 Jan 69 **(Fre)**
ANIMAL EXPERIMENTS/ *ESTRUS/ LH, blood/ *LH, secretion/ *OVULATION/ *PROGESTATIONAL HORMONES/ *SHEEP

2701. **Pencea V, Dobrescu G, Mocransky R, et al:** Cercetări histopatologice şi serologice în tirodite.
Rev Medicochir Iasi 72:955-60, Oct-Dec 68 **(Rum)**
*ANTIBODIES, analysis/ *AUTOANTIBODIES, analysis/ CHRONIC DISEASE/ COMPLEMENT FIXATION TESTS/ ENGLISH ABSTRACT/ HUMAN/ THYROGLOBULIN/ *THYROID GLAND, pathology/ *THYROIDITIS, immunology/ *THYROIDITIS, pathology

2702. **Penchansky L, Gonzalez Cueto D:** Estudio histológico de las gonadas de ratones tratados con P32 durante la vida fetal.
Medicina (B Air) 28:Suppl 1:161-4, Dec 68 **(Spa)**
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ FEMALE/ GONADS, cytology/ *GONADS, radiation effects/ MICE/ PHOSPHORUS ISOTOPES, metabolism/ PREGNANCY/ PREGNANCY, ANIMAL, radiation effects/ *RADIATION EFFECTS

2703. **Peng MT, Pi WP, Wu CI:** Growth hormone secretion by pituitary grafts under the median eminence or renal capsule. Endocrinology 85:360-5, Aug 69
ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ CORTICOSTERONE, pharmacodynamics/ DESOXYCORTICOSTERONE, pharmacodynamics/ DIET/ FEMALE/ GROWTH/ HYPOPHYSECTOMY/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ KIDNEY/ MALE/ ORGAN WEIGHT/ *PITUITARY GLAND, secretion/ PITUITARY GLAND, transplantation/ RATS/ *SOMATOTROPIN, secretion/ TESTOSTERONE, pharmacodynamics/ TRANSPLANTATION, HOMOLOGOUS/ TUBE FEEDING

2704. **Penttilä A:** Enterochromaffin cells in the chicken duodenum during prenatal development.
Z Zellforsch 91:380-90, 1968
ANIMAL EXPERIMENTS/ *CHICK EMBRYO, cytology/ CHICK EMBRYO, growth & development/ *CHROMAFFIN SYSTEM, cytology/ CHROMAFFIN SYSTEM, embryology/ CYTOPLASMIC GRANULES/ *DUODENUM, cytology/ DUODENUM, embryology/ HISTOLOGICAL TECHNICS/ MICROSCOPY, ELECTRON

2705. **Penttilä A, Kormano M:** Monoamine oxidase activity in the testis and epididymis of the rat.
Ann Med Exp Biol Fenn 46:557-63, 1968
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN, enzymology/ CHEMISTRY/ EPIDIDYMIS, drug effects/ *EPIDIDYMIS, enzymology/ FETUS, enzymology/ FLUOROMETRY/ MALE/ *MONOAMINE OXIDASE, analysis/ MONOAMINE OXIDASE INHIBITORS, pharmacodynamics/ RATS/ TESTIS, drug effects/ *TESTIS, enzymology/ TISSUE CULTURE

2706. **Pereslegin IA, Kagan IuL:** Rentgenologicheskoe issledovanie sostoianiia distal'nogo otdela tolstoĭ kishki pri opukholiakh zhenskikh polovykh organov.
Vop Onkol 14:81-5, 1968 **(Rus)**
ADULT/ AGED/ *COLONIC DISEASES, etiology/ COLONIC DISEASES, radiography/ FEMALE/ *GYNECOLOGIC NEOPLASMS, complications/ HUMAN/ MIDDLE AGE/

OVARIAN NEOPLASMS, complications/ OVARIAN NEOPLASMS, radiography/ RECTAL DISEASES, etiology/ RECTAL DISEASES, radiography/ SIGMOID, radiography/ UTERINE NEOPLASMS, complications/ UTERINE NEOPLASMS, radiography

2707. **Perez V, Gorosdisch S, De Martire J, et al:** Oral contraceptives: long-term use produces fine structural changes in liver mitochondria.
Science 165:805-7, 22 Aug 69
ADULT/ BIOPSY/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ HUMAN/ LIVER FUNCTION TESTS/ MICROSCOPY, ELECTRON/ MITOCHONDRIA, LIVER, cytology/ *MITOCHONDRIA, LIVER, drug effects/ *TIME

2708. **Pérez-Palacios G, Lamont KG, Pérez AE, et al:** De novo formation and metabolism of steroid hormones in feminizing testes: biochemical and ultrastructural studies. J Clin Endocr 29:786-800, Jun 69
*ACETATES, metabolism/ ADULT/ *ANDROSTANES, biosynthesis/ CARBON ISOTOPES/ CHOLESTEROL, biosynthesis/ *CHOLESTEROL, metabolism/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ *DEHYDROEPIANDROSTERONE, metabolism/ ESTRADIOL, biosynthesis/ HUMAN/ 17-KETOSTEROIDS, biosynthesis/ MALE/ MICROSCOPY, ELECTRON/ PREGNENOLONE, metabolism/ *SEX DIFFERENTIATION DISORDERS, metabolism/ *STEROLS, biosynthesis/ SULFATASES, metabolism/ SULFATES, biosynthesis/ TESTICULAR FEMINIZATION, metabolism/ TESTICULAR FEMINIZATION, pathology/ *TESTIS, pathology/ TESTOSTERONE, biosynthesis/ TESTOSTERONE, metabolism

2709. **Perini O, Cargnello U:** Variazioni ormonali ed ematochimiche nella sindrome premestruale.
Minerva Ginec 19:940-1, 30 Sep 67 **(Ita)**
ADULT/ BLOOD CHEMICAL ANALYSIS/ BODY TEMPERATURE/ BODY WEIGHT/ DIURESIS/ *ESTROGENS, urine/ FEMALE/ HUMAN/ PREMENSTRUAL TENSION, blood/ *PREMENSTRUAL TENSION, urine/ PROTEIN-BOUND IODINE TEST

2710. **Periroth MG, Harrison DC:** Cardiogenic shock: a review.
Clin Pharmacol Ther 10:449-67, Jul-Aug 69 (118 ref.)
BLOOD PRESSURE/ CARDIAC OUTPUT/ DIGITALIS GLYCOSIDES, therapeutic use/ DOPAMINE, therapeutic use/ GLUCAGON, therapeutic use/ *HEART DISEASES/ HEART DISEASES, etiology/ HEART DISEASES, metabolism/ HEART DISEASES, physiopathology/ HEART DISEASES, surgery/ HEART DISEASES, therapy/ *HEMODYNAMICS/ HUMAN/ HYDROCORTISONE, therapeutic use/ ISOPROTERENOL, therapeutic use/ METARAMINOL, therapeutic use/ NOREPINEPHRINE, therapeutic use/ PHENOXYBENZAMINE, therapeutic use/ PHENTOLAMINE, therapeutic use/ PROPRANOLOL, therapeutic use/ REVIEW/ *SHOCK/ SHOCK, etiology/ SHOCK, metabolism/ SHOCK, physiopathology/ SHOCK, surgery/ SHOCK, therapy/ VASCULAR RESISTANCE

2711. **Perol Y, Delrieu F, Laufer J:** Pseudo-phlegmon parotidien d'origine ourlienne.
Rev Stomat (Paris) 70:228-32, Apr-May 69 **(Fre)**
ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ ANTIBIOTICS, therapeutic use/ DIAGNOSIS, DIFFERENTIAL/ EAR DISEASES, complications/ FEMALE/ HEADACHE/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ MUMPS, diagnosis/ NEUTRALIZATION TESTS/ PAROTITIS, diagnosis/ *PAROTITIS, etiology/ PHLEGMON, diagnosis/ PHLEGMON, drug therapy/ *PHLEGMON, etiology/ *SALIVARY GLAND DISEASES, etiology

2712. **Perreault WJ, Kaufmann BP, Gay H:** Similarity in base composition of heterochromatic and euchromatic DNA in Drosophila melanogaster.
Genetics 60:289-301, Oct 68
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY/ *CHROMOSOMES/ CYTOSINE, analysis/ *DNA/ DNA, analysis/ DROSOPHILA/ FEMALE/ GUANINE, analysis/ HETEROCHROMATIN/ KARYOTYPING/ MALE/ NUCLEIC ACID DENATURATION/ NUCLEOTIDES, analysis/ *SEX CHROMOSOMES

2713. **Perrett LJ, O'Rourke DA:** Hereditary cryptorchidism.
Med J Aust 1:1289-90, 21 Jun 69
BLOOD GROUPS/ CHILD/ CHILD, PRESCHOOL/ CONSANGUINITY/ *CRYPTORCHISM, familial & genetic/ CRYPTORCHISM, surgery/ HUMAN/ MALE/ PEDIGREE

2714. **Pessi TT:** Torsion of an intra-abdominal testicle. A case report. Ann Chir Gynaec Fenn 57:557-9, 1968
ABDOMEN, ACUTE/ ADOLESCENCE/ *APPENDICITIS, diagnosis/ CRYPTORCHISM, complications/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ MALE/ *SPERMATIC CORD TORSION, diagnosis/ SPERMATIC CORD TORSION, etiology/ SPERMATIC CORD TORSION, surgery

2715. **Peters DA, McGeer PL, McGeer EG:** The distribution of tryptophan hydroxylase in cat brain.
J Neurochem 15:1431-5, Dec 68
AMYGDALOID BODY, analysis/ ANIMAL EXPERIMENTS/ *BRAIN, enzymology/ CARBON ISOTOPES/ CATS/ CAUDATE NUCLEUS, enzymology/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ HYDROXYTRYPTOPHAN, analysis/ HYPOTHALAMUS, enzymology/ MESENCEPHALON, analysis/ *OXIDOREDUCTASES, analysis/ SEROTONIN, analysis/ THALAMUS, analysis/ TRYPTOPHAN, analysis

2716. **Petersen LP, Colás AE:** The synthesis of 3-beta, 16-alpha, 19-trihydroxyandrost-5-en-17-one.
Steroids 13:793-802, Jun 69
*ANDROSTANES/ ANDROSTANES, chem synthesis/ ANIMAL EXPERIMENTS/ CHEMISTRY/ CHROMATOGRAPHY, THIN LAYER/ INFRARED RAYS/ *LIVER, metabolism/ MALE/ *MICROSOMES, metabolism/ RATS/ SPECTROPHOTOMETRY/ SPECTRUM ANALYSIS/ *STEROLS/ STEROLS, chem synthesis/ *STREPTOMYCES, metabolism

2717. **Petit A:** Ultrastructure, innervation et fonction de l'épiphyse de l'orvet (Anguis fragilis L.)
Z Zellforsch 96:437-65, 1969 **(Fre)**
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ FEMALE/ HISTOLOGICAL TECHNICS/ *LIZARDS, anatomy & histology/ LIZARDS, physiology/ MALE/ MICROSCOPY, ELECTRON/ *PINEAL BODY, anatomy & histology/ PINEAL BODY, cytology/ PINEAL BODY, innervation/ PINEAL BODY, physiology

2718. **Petropoulos EA, Vernadakis A, Timiras PS:** Nucleic acid content in developing rat brain after prenatal and/or neonatal exposure to high altitude.
Fed Proc 28:1001-5, May-Jun 69
ADAPTATION, PHYSIOLOGICAL/ ALTITUDE/ ANIMAL EXPERIMENTS/ *ANIMALS, NEWBORN/ ANOXIA/ *BRAIN, growth & development/ *BRAIN CHEMISTRY/ CEREBELLUM, analysis/ CEREBRAL CORTEX, analysis/ DNA, analysis/ HYPOTHALAMUS, analysis/ *NUCLEIC ACIDS, analysis/ PREGNANCY/ RATS/ RNA, analysis

2719. **Petrović VM, Rajčić O:** Effect of cold exposure and ACTH on RNA, DNA and protein content in adrenal and liver of rats and ground squirrels.
Fed Proc 28:1247-50, May-Jun 69
*ADRENAL GLANDS, analysis/ ADRENAL GLANDS, drug effects/ ANIMAL

EXPERIMENTS/ *COLD/ *CORTICOTROPIN, pharmacodynamics/ *DNA, analysis/ ENVIRONMENTAL EXPOSURE/ HIBERNATION/ *LIVER, analysis/ LIVER, drug effects/ ORGAN WEIGHT/ *PROTEINS, analysis/ RATS/ *RNA, analysis/ SQUIRRELS

2720. **Petruševska M:** Prilog proučavanju histofiziologije epifize.
God Zborn Med Fak Skopje 14:338-50, 1968 (Cro)
ANIMAL EXPERIMENTS/ *LIGHT/ PINEAL BODY, anatomy & histology/ *PINEAL BODY, physiology

2721. **Peytremann A, Rosenbusch CA, Humair L:** Les isoenzymes de la déshydrogénase lactique. Etude dans l'infarctus du myocarde et l'embolie pulmonaire.
Schweiz Med Wschr 99:698-702, 10 May 69 (Fre)
AGAR/ ASPARTATE AMINOTRANSFERASE, blood/ CREATINE KINASE, blood/ DENSITOMETRY/ ELECTROCARDIOGRAPHY/ ELECTROPHORESIS/ ENZYME TESTS/ ESTROGENS, pharmacodynamics/ FEMALE/ GELS/ GLUCOCORTICOIDS, pharmacodynamics/ HUMAN/ LACTATE DEHYDROGENASE, blood/ *LACTATE DEHYDROGENASE ISOENZYMES, blood/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, enzymology/ *PULMONARY EMBOLISM, enzymology

2722. **Pfaff DW:** Histological differences between ventromedial hypothalamic neurones of well fed and underfed rats. Nature (London) 223:77-8, 5 Jul 69
ANIMAL EXPERIMENTS/ *ANIMAL NUTRITION/ BODY WEIGHT/ CELL NUCLEOLUS/ *HYPOTHALAMUS, anatomy & histology/ MALE/ *NEURONS, cytology/ ORGAN WEIGHT/ RATS

2723. **Pfeifer GW, Doerr F, Brod KH, et al:** Verteilungsstudien zur Placentapassage von 131-J-Streptokinase unter der Geburt.
Arch Gynaek 207:550-8, 1969 (Ger)
ADULT/ BLOOD COAGULATION TESTS/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, analysis/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ *LABOR/ LIVER, metabolism/ *MATERNAL-FETAL EXCHANGE/ METHODS/ *PLACENTA, metabolism/ PREGNANCY/ STREPTOKINASE, blood/ *STREPTOKINASE, metabolism/ TIME FACTORS

2724. **Pfeiffer RA, Lambertz B, Friederiszick FK, et al:** Die nosologische Stellung des XO-XY-Mosaizismus.
Arch Gynaek 206:369-410, 1968 (142 ref.) (Ger)
ADOLESCENCE/ CHROMOSOME ABNORMALITIES/ DISEASES IN TWINS/ EPIDIDYMIS, pathology/ FEMALE/ GENITALIA, FEMALE, abnormalities/ GENITALIA, MALE, abnormalities/ HERMAPHRODITISM/ HUMAN/ INFANT/ KARYOTYPING/ KLINEFELTER'S SYNDROME/ MALE/ *MOSAICISM/ OVARY, pathology/ REVIEW/ *SEX DIFFERENTIATION DISORDERS/ TESTIS, pathology/ TURNER'S SYNDROME

2725. **Phile-Papasoterios M:** Prophylaxis ek ton metegcheiretikon gnathoprosopikon oidematon. Sygkritike melete ereunon en Monacho kai Athenais.
Odontiatrike 1:26-8, Jan-Feb 68 (Gre)
EDEMA, prevention & control/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PREDNISOLONE, therapeutic use/ SPECIAL LIST DENTAL/ SURGERY, ORAL

2726. **Philippu A, Becke H, Burger A:** Effect of drugs on the uptake of noradrenaline by isolated hypothalamic vesicles. Europ J Pharmacol 6:96-101, May 69
ADENOSINE TRIPHOSPHATASE, metabolism/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CALCIUM, pharmacodynamics/ DESIPRAMINE, pharmacodynamics/ *HYPOTHALAMUS, drug effects/ IN VITRO/ MAGNESIUM, pharmacodynamics/ *NOREPINEPHRINE, metabolism/ NOREPINEPHRINE, pharmacodynamics/ PRENYLAMINE, pharmacodynamics/ RESERPINE, pharmacodynamics/ SWINE

2727. **Phillippo M, Care AD, Hinde FR:** The effect of thyrocalcitonin in neonatal animals.
J Endocr 43:xv-xvi, Jan 69
ANIMAL EXPERIMENTS/ *ANIMALS, NEWBORN/ BIOLOGICAL ASSAY/ *BONE RESORPTION, drug effects/ CALCIUM, blood/ CALCIUM, pharmacodynamics/ CATTLE/ FETUS/ SHEEP/ SWINE/ THYROCALCITONIN, analysis/ *THYROCALCITONIN, pharmacodynamics/ THYROID GLAND, analysis

2728. **Phillips BM, Kraus PJ, Hammes TL, et al:** Simultaneous extraction of tissue norepinephrine and serotonin.
J Pharm Sci 58:572-4, May 69
ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ BRAIN CHEMISTRY/ CARBON ISOTOPES/ GUANETHIDINE, pharmacodynamics/ METHODS/ MYOCARDIUM, analysis/ *NOREPINEPHRINE, analysis/ RATS/ RESERPINE, pharmacodynamics/ *SEROTONIN, analysis/ SPLEEN, analysis/ TISSUE EXTRACTS, analysis/ TRITIUM/ UTERUS, analysis

2729. **Piasetskiĭ NR, Tirkina TN:** O vozmozhnosti primeneniia preparatov kory nadpochechnika pri sakharnom diabete. Ter Arkh 39:85-8, Aug 67 (Rus)
*ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ AGED/ *DIABETES MELLITUS, drug therapy/ FEMALE/ HUMAN/ MIDDLE AGE

2730. **Piazza G:** Meningioma endocranico da corpo estraneo.
Riv Otoneurooftal 42:411-21, Nov-Dec 67 (Ita)
ADENOMA, surgery/ ADULT/ *BRAIN NEOPLASMS, etiology/ CEREBRAL ANGIOGRAPHY/ CRANIOTOMY/ ELECTROENCEPHALOGRAPHY/ *FOREIGN BODIES/ *HEAD INJURIES, complications/ HUMAN/ MALE/ *MENINGIOMA, etiology/ *NEOPLASM RECURRENCE, LOCAL/ PITUITARY NEOPLASMS, surgery/ *POSTOPERATIVE COMPLICATIONS

2731. **Pichler E:** Zur Bestimmung der Plasma-11-Hydroxycorticosteroide mit der fluorometrischen Kurzmethode von Mattingly.
Clin Chim Acta 24:283-92, May 69 (Ger)
*ADRENAL CORTEX HORMONES, blood/ BLOOD CHEMICAL ANALYSIS, standards/ ESTRADIOL, blood/ ESTRIOL, blood/ ESTRONE, blood/ FLUOROMETRY/ HUMAN/ HYDROCORTISONE, blood/ 17-HYDROXYCORTICOSTEROIDS, blood/ INFANT/ INFANT, NEWBORN/ MASS SCREENING/ PREGNANES, blood/ *STEROLS, blood/ TIME FACTORS

2732. **Pierce GB, Nakane PK:** Basement membranes. Synthesis and deposition in response to cellular injury. Lab Invest 21:27-41, Jul 69
ANIMAL EXPERIMENTS/ *BASEMENT MEMBRANE, growth & development/ CARCINOMA, radiotherapy/ EPITHELIUM, pathology/ FEMALE/ FLUORESCEINS/ KIDNEY, radiation effects/ *KIDNEY GLOMERULUS, pathology/ *KIDNEY TUBULES, pathology/ MALE/ MAMMARY NEOPLASMS, EXPERIMENTAL/ MICE/ MYCOBACTERIUM TUBERCULOSIS, isolation & purification/ NEOPLASM TRANSPLANTATION/ NEPHROSCLEROSIS, pathology/ NEPHROSIS, pathology/ NUCLEOSIDES, adverse effects/ POTASSIUM PERMANGANATE, adverse effects/ RADIATION INJURY, EXPERIMENTAL, pathology/ TESTIS, drug effects/ TESTIS, microbiology/ *TESTIS, pathology/ TESTIS, radiation effects

2733. **Pierce LE, O'Brien JJ:** Hyperglycemic coma associated with corticosteroid therapy.
New York J Med 69:1785-7, 15 Jun 69
AGED/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, drug therapy/ CASE REPORT/

*COMA, chemically induced/ FEMALE/ HUMAN/ *HYPERGLYCEMIA, chemically induced/ *PREDNISONE, adverse effects/ PREDNISONE, therapeutic use

2734. **Piercy JE:** Neoplasms of the thyroid.
Brit J Clin Pract 23:244-9, Jun 69
ADOLESCENCE/ ADULT/ AGED/ CHILD/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PROGNOSIS/ *THYROID NEOPLASMS/ THYROID NEOPLASMS, diagnosis/ THYROID NEOPLASMS, pathology/ THYROID NEOPLASMS, surgery/ THYROIDECTOMY

2735. **Pietrek J:** Parendokrynopatie.
Pol Tyg Lek 24:373-6, 10 Mar 69 (16 ref.) (Pol)
CARCINOMA, metabolism/ DIAGNOSIS, DIFFERENTIAL/ *ENDOCRINE DISEASES, diagnosis/ *HORMONES, ECTOPIC/ HUMAN/ HYPERCALCEMIA, metabolism/ *NEOPLASMS, metabolism/ PARATHYROID HORMONE, metabolism/ REVIEW/ THYROTROPIN, metabolism/ ZOLLINGER-ELLISON SYNDROME, metabolism

2736. **Pietruszko R, Ringold HJ, Li TK, et al:** Structure and function relationships in isoenzymes of horse liver alcohol dehydrogenase.
Nature (London) 221:440-3, 1 Feb 69
ALCOHOL, ETHYL/ *ALCOHOL OXIDOREDUCTASES, analysis/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY/ ELECTROPHORESIS/ HORSES/ *ISOENZYMES, analysis/ *LIVER, enzymology/ STEROIDS

2737. **Pilat L, Popa V, Tecoulesco D:** L'allergie professionnelle aux hormones protéiques dans l'industrie pharmaceutique.
Rev Franc Allerg 7:153-60, Jul-Sep 67 (Fre)
ASTHMA, chemically induced/ CONJUNCTIVITIS, chemically induced/ CORTICOTROPIN/ *DRUG HYPERSENSITIVITY/ *DRUG INDUSTRY/ GONADOTROPINS/ *HORMONES/ HUMAN/ INSULIN/ LARYNGITIS, chemically induced/ *OCCUPATIONAL DISEASES/ PITUITARY HORMONES, POSTERIOR/ *PROTEINS/ RESPIRATORY HYPERSENSITIVITY, chemically induced/ RHINITIS, chemically induced/ URTICARIA, chemically induced

2738. **Pildes RS, Hart RJ, Warrner R, et al:** Plasma insulin response during oral glucose tolerance tests in newborns of normal and gestational diabetic mothers.
Pediatrics 44:76-83, Jul 69
ADULT/ BLOOD SUGAR/ DIABETES MELLITUS, blood/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ *GLUCOSE TOLERANCE TEST/ HUMAN/ *INFANT, NEWBORN/ INSULIN, blood/ *INSULIN, secretion/ MALE/ PREGNANCY/ *PREGNANCY IN DIABETES/ SOMATOTROPIN, blood

2739. **Pinco RG:** "Truth in packaging".
J Amer Pharm Ass 9:248 passim, Jun 69
*DRUG CONTAINERS AND CLOSURES/ *DRUG LABELING/ *EXOPHTHALMOS, etiology/ LEGISLATION, PHARMACY/ UNITED STATES

2740. **Pinelli A, Witzke F, Nair PP:** Separation of vitamin D from cholesterol by thin-layer chromatography.
J Chromatogr 42:271-4, 17 Jun 69
*CHOLESTEROL, analysis/ CHROMATOGRAPHY, THIN LAYER/ *VITAMIN D, analysis

2741. **Pinelli P, Gandigli O G:** The relationship between negative and positive effects of ACTH treatment in myasthenia gravis.
Electroenceph Clin Neurophysiol 25:514, Nov 68
*CORTICOTROPIN, therapeutic use/ *ELECTROMYOGRAPHY/ HUMAN/ *MYASTHENIA GRAVIS, physiopathology

2742. **Pino N, Chiofalo L:** Rapporti tra castrazione chirurgica e comportamento morfo-istochemico di cresta bargigli e orecchioni in "Gallus gallus L." Ruolo e significaco zootecnico e biologico alla luce di indagini sistematiche su alcune ormoghiandole.
Minerva Med 60:1535-9, 18 Apr 69 (Ita)
ANIMAL EXPERIMENTS/ *CASTRATION, adverse effects/ *CHICKENS/ *COMB AND WATTLES/ *ENDOCRINE GLANDS, physiopathology/ HISTOCYTOCHEMISTRY/ *SEX CHARACTERISTICS

2743. **Pinto M, More R:** Homologous skin-sensitizing activity of rabbit anti hydrocortisone hemisuccinate antibodies. I. Biological and physicochemical properties of the "early" and "late" antibodies.
Int Arch Allerg 35:603-16, 1969
ANIMAL EXPERIMENTS/ *ANTIBODIES, analysis/ *ANTIGENS/ CHROMATOGRAPHY/ DEAE-CELLULOSE/ ELECTROPHORESIS/ GAMMA GLOBULIN, analysis/ GUINEA PIGS/ *HYDROCORTISONE/ IMMUNOELECTROPHORESIS/ IODOACETATES, pharmacodynamics/ MERCAPTOETHANOL, pharmacodynamics/ PASSIVE CUTANEOUS ANAPHYLAXIS/ PEPSIN, pharmacodynamics/ PHOSPHATES/ RABBITS/ REAGINS/ SERUM ALBUMIN, BOVINE/ SKIN TESTS/ *SUCCINATES

2744. **Piotrowski J:** Badania doświadczalne nad wpływem niektórych hormonów sterydowych na rozwój płodów królika II. Przegl Lek 25:322-4, 1969 (Pol)
*ABNORMALITIES, DRUG-INDUCED/ ANIMAL EXPERIMENTS/ *CORTISONE, toxicity/ FEMALE/ PREGNANCY/ PREGNANCY, ANIMAL, drug effects/ *PROGESTERONE, toxicity/ RABBITS

2745. **Piovano PB, Mazzocchi S, Pippione M:** Reazioni generali da terapia cortisonica intralesionale.
G Ital Derm 110:31-5, Jan 69 (Ita)
AGED/ DERMATITIS MEDICAMENTOSA, etiology/ *DRUG HYPERSENSITIVITY/ *ECZEMA, drug therapy/ ENGLISH ABSTRACT/ HUMAN/ MALE/ TACHYCARDIA, etiology/ *TRIAMCINOLONE ACETONIDE, adverse effects

2746. **Piroth M:** Experimenteller Stress und Ascorbinsäurezufuhr.
Verh Deutsch Ges Path 52:478-80, 1968 (Ger)
ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ ASCORBIC ACID, pharmacodynamics/ *ASCORBIC ACID, therapeutic use/ BODY WEIGHT, drug effects/ COLD/ ENGLISH ABSTRACT/ FORMALDEHYDE/ LIVER, drug effects/ MALE/ ORGAN WEIGHT/ RATS/ SHOCK, chemically induced/ SHOCK, etiology/ SHOCK, prevention & control/ STILBENES/ *STRESS, drug therapy/ TESTIS, drug effects

2747. **Pisarek-Miedzińska D:** Nadczynność tarczycy u ciężarnych. Pieleg Poloz 1:3, Jan 69 (Pol)
HYPERTHYROIDISM/ PREGNANCY COMPLICATIONS/ SPECIAL LIST NURSING

2748. **Pisarev MA, Altschuler N, Degrossi OJ:** Biologic studies on the relationship between thyroid stimulating and ophthalmotrophic activities.
Acta Physiol Lat Amer 17:182-8, 1967
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ ELECTROPHORESIS/ *EXOPHTHALMOS, immunology/ EXOPHTHALMOS PRODUCING SUBSTANCE/ GEL DIFFUSION TESTS/ GUINEA PIGS/ HEMAGGLUTINATION/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ IODINE ISOTOPES/ METHODS/ RATS/ SULFUR ISOTOPES/ *THYROTROPIN, analysis

2749. **Pitman GH, Rhoads JE:** Osteitis deformans (Paget's disease of bone) complicating hypoparathyroidism.
Ann Surg 170:286-91, Aug 69
CALCIUM, blood/ FEMALE/ HUMAN/ *HYPOPARATHYROIDISM, complications/ MIDDLE AGE/ OSTEITIS DEFORMANS, etiology/ THYROIDECTOMY, adverse effects

2750. **Pittman JA Jr, Dailey GE 3d, Beschi RJ:** Changing normal values for thyroidal radioiodine uptake.
New Eng J Med 280:1431-4, 26 Jun 69
ALABAMA/ BLOOD PROTEINS, analysis/

BREAD/ FOOD ANALYSIS/ FOOD-PROCESSING INDUSTRY/ HUMAN/ IODIDES, blood/ IODINE, analysis/ *IODINE, metabolism/ IODINE, urine/ IODINE ISOTOPES, DIAGNOSTIC/ KIDNEY, metabolism/ PROTEIN BINDING/ PROTEIN-BOUND IODINE TEST/ *THYROID GLAND, metabolism/ *THYROID GLAND FUNCTION TESTS, standards

2751. **Plaut D:** Timely topics in clinical chemistry: hormones.
Amer J Med Techn 35:446-56, Jul 69
CHEMISTRY, CLINICAL/ *HORMONES, analysis/ HUMAN

2752. **Plonait H:** Erbliche Rachitis der Saugferkel: Pathogenese und Therapie.
Zbl Veterinaermed [A] 16:271-88 contd, Apr 69 **(Ger)**
ALKALINE PHOSPHATASE, blood/ CALCIUM, blood/ CALCIUM, urine/ OSTEOMALACIA, veterinary/ PHOSPHORUS, blood/ PHOSPHORUS, urine/ REVIEW/ RICKETS, etiology/ *RICKETS, veterinary/ SWINE DISEASES, etiology/ *SWINE DISEASES, familial & genetic

2753. **Plonait H:** Erbliche Rachitis der Saugferkel: Pathogenese und Therapie.
Zbl Veterinaermed [A] 16:289-316, Jun 69 **(Ger)**
ENGLISH ABSTRACT/ RICKETS, drug therapy/ *RICKETS, veterinary/ SWINE DISEASES, drug therapy/ SWINE DISEASES, etiology/ *SWINE DISEASES, familial & genetic/ *VITAMIN D, therapeutic use

2754. **Plotka ED, Williams WL:** The effect of pentobarbital on capacitation in the rabbit.
J Reprod Fertil 18:175-6, Feb 69
ANIMAL EXPERIMENTS/ COITUS/ FEMALE/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ LH, secretion/ MALE/ *PENTOBARBITAL, pharmacodynamics/ PITUITARY GLAND, secretion/ RABBITS/ *SPERMATOZOA, drug effects

2755. **Plotkin SA:** How to reconize congenital rubella.
Clin Pediat (Phila) 8:403-4, Jul 69
AUDIOMETRY/ BIRTH WEIGHT/ BLOOD CELL COUNT/ BODY WEIGHT/ BONE AND BONES, radiography/ CEPHALOMETRY/ ELECTROCARDIOGRAPHY/ EYE MANIFESTATIONS/ GAMMA GLOBULIN, 19S, analysis/ HEPATOMEGALY, etiology/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, diagnosis/ MACROGLOBULINS, analysis/ MEDICAL HISTORY TAKING/ METHODS/ PREGNANCY COMPLICATIONS, INFECTIOUS, diagnosis/ *RUBELLA, congenital/ RUBELLA VIRUS, isolation & purification/ SPINAL PUNCTURE/ SPLENOMEGALY, etiology

2756. **Plummer AL, Randall RV, Riggs BL:** Active acromegaly with anterior pituitary failure.
Metabolism 18:469-75, Jun 69
*ACROMEGALY, complications/ ADENOMA, EOSINOPHILIC/ ADULT/ HUMAN/ MALE/ MIDDLE AGE/ *PITUITARY DISEASES, complications/ PITUITARY DISEASES, radiotherapy/ PITUITARY NEOPLASMS/ SOMATOTROPIN, blood

2757. **Pocklington T, Jeffery J:** 20 Beta-hydroxysteroid:NAD oxidoreductase activity towards 3 beta-hydroxypregn-5-en-20-one sulphate and related free steroids. Europ J Biochem 9:142-8, 1 May 69
CHEMISTRY/ *HYDROXYSTEROID DEHYDROGENASE/ HYDROXYSTEROID DEHYDROGENASE, antagonists & inhibitors/ KINETICS/ NAD/ *PREGNANES/ SOLUBILITY/ *STEROLS/ STREPTOMYCES, enzymology/ SULFATES

2758. **Podlevskii AF, Zharskaia VD:** Morfologicheskoe i gistokhimicheskoe izuchenie vliianiia levomitsetina i kortizona na immunogenez.
Zh Mikrobiol 46:127-32, Feb 69 **(Rus)**
ANIMAL EXPERIMENTS/ *ANTIBODY FORMATION, drug effects/ *CHLORAMPHENICOL, pharmacodynamics/ *CORTISONE, pharmacodynamics/ HISTOCYTOCHEMISTRY/ *LYMPH NODES, immunology/ *PARATYPHOID FEVERS, immunology/ RABBITS/ *TYPHOID, immunology/ VACCINATION

2759. **Poe M:** Kinetic studies of temperature changes and oxygen uptake in a differential calorimeter: energy balance during calcium accumulation by mitochondria. Arch Biochem 132:377-87, Jul 69
ACETATES/ ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ CALORIMETRY/ CHLORIDES/ COLD/ ELECTROCHEMISTRY/ ELECTRODES/ KINETICS/ MALE/ *MITOCHONDRIA, LIVER, metabolism/ OSMOSIS/ *OXYGEN CONSUMPTION/ PHOSPHATES/ RATS/ SUCCINATES, metabolism/ THERMODYNAMICS

2760. **Poisner AM, Trifaró JM:** The role of adenosine triphosphate and adenosine triphosphatase in the release of catecholamines from the adrenal medulla. 3. Similarities between the effects of adenosine triphosphate on chromaffin granules and on mitochondria. Molec Pharmacol 5:294-9, May 69
ADENOSINE TRIPHOSPHATASE, pharmacodynamics/ *ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ADRENAL MEDULLA, secretion/ ANIMAL EXPERIMENTS/ *CATECHOLAMINES, secretion/ CATTLE/ CHLORIDES/ *CHROMAFFIN SYSTEM, secretion/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ *MITOCHONDRIA, secretion/ SERUM ALBUMIN, BOVINE, pharmacodynamics

2761. **Pokorski M:** Przypadek ciężkiej i nawracającej hipoglikemii, po samobójczym zatruciu tolbutamidem. Wiad Lek 22:63-8, 1 Jan 69 **(Pol)**
ADOLESCENCE/ CASE REPORT/ FEMALE/ GLUCOSE, therapeutic use/ HUMAN/ HYDROCORTISONE, therapeutic use/ *HYPOGLYCEMIA, chemically induced/ HYPOGLYCEMIA, drug therapy/ SUICIDE/ *TOLBUTAMIDE, poisoning

2762. **Poláček I, Pliška V:** Factors affecting the wash-out rate of calcium from the myometrium.
Europ J Pharmacol 6:143-51, May 69
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ CALCIUM, pharmacodynamics/ *CALCIUM, physiology/ ESTROGENS, pharmacodynamics/ FEMALE/ IN VITRO/ KINETICS/ MATHEMATICS/ MODELS, BIOLOGIC/ *MUSCLE CONTRACTION, drug effects/ MUSCLE, SMOOTH, drug effects/ *OXYTOCIN, pharmacodynamics/ PROGESTERONE, pharmacodynamics/ RABBITS/ RATS/ TEMPERATURE/ UTERUS, drug effects

2763. **Polak E:** Intrathoracic goiter.
Geriatrics 24:134-9, Jun 69
DIAGNOSIS, DIFFERENTIAL/ EMBOLISM, AIR, etiology/ GOITER, complications/ GOITER, radiography/ *GOITER, surgery/ GOITER, SUBSTERNAL, surgery/ HUMAN/ LARYNGEAL NERVES, injuries/ MEDIASTINUM, surgery/ PARATHYROID GLANDS, injuries/ POSTOPERATIVE COMPLICATIONS/ STERNUM, surgery/ THORACIC NEOPLASMS, etiology/ *THORAX, surgery/ THYROIDECTOMY

2764. **Polák L, Turk JL:** Studies on the effect of systemic administration of sensitizers in guinea-pigs with contact sensitivity to inorganic metal compounds. 3. The effect of immunosuppressive agents on enhancing the unresponsiveness of already sensitized animals and an investigation of the action of the epicutaneous test within twenty-four hours.
Clin Exp Immun 4:423-34, Apr 69
ANIMAL EXPERIMENTS/ CHROMATES, administration & dosage/ *CHROMATES, toxicity/ CYCLOPHOSPHAMIDE, pharmacodynamics/ *DERMATITIS, CONTACT/ DERMATITIS, CONTACT, pathology/ GUINEA PIGS/ IMMUNE SERUMS/ *IMMUNE TOLERANCE, drug effects/ *IMMUNOSUPPRESSIVE AGENTS,

pharmacodynamics/ INJECTIONS, INTRAVENOUS/ METHOTREXATE, pharmacodynamics/ PREDNISOLONE, pharmacodynamics/ THYMUS GLAND, immunology

2765. **Poliak AI, Rumbesht LM, Sinichkin AA:** Sintez antitel na fone elektrokoaguliatsii zadnegipotalamicheskogo iadra gipotalamusa. Zh Mikrobiol 46:52-6, Mar 69 **(Rus)**
ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ *ANTIBODY FORMATION/ ELECTROCOAGULATION/ *HYPOTHALAMUS, immunology/ PLAGUE VACCINE, pharmacodynamics/ RABBITS

2766. **Polianker ZN, Musanabiev DS:** Diagnosticheskoe znachenie izmenenii v kostiakh cherepa pri dermoidnykh kistakh oblasti turetskogo sedla. Vop Neirokhir 33:33-4, Mar-Apr 69 **(Rus)**
*BRAIN DISEASES, radiography/ CEREBRAL ANGIOGRAPHY/ CISTERNA MAGNA, radiography/ *DERMOID CYST, radiography/ HUMAN/ *PINEAL BODY, radiography/ *SELLA TURCICA, radiography

2767. **Pollazzon G, Dal Don P, Gava L:** Evoluzione delle metodiche anesthesiologiche nella chirurgia cella tiroide. (Contributo clinico-statistico)
Acta Anaesth (Padova) 20:103-34, Jan-Feb 69 **(Ita)**
*ANESTHESIA/ ANESTHETICS, pharmacodynamics/ ENGLISH ABSTRACT/ HEART, drug effects/ HUMAN/ LIVER, drug effects/ METHODS/ NERVOUS SYSTEM, drug effects/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS/ *PREANESTHETIC MEDICATION/ PREOPERATIVE CARE/ RESPIRATORY SYSTEM, drug effects/ *THYROID DISEASES, surgery/ *THYROIDECTOMY

2768. **Polier L, Thomson JM:** Sequential oral contraception and clotting factors. Brit Med J 2:822-3, 28 Jun 69
*BLOOD COAGULATION FACTORS/ CEPHALINS/ *CONTRACEPTIVES, ORAL, adverse effects/ FACTOR VII/ FACTOR X/ FEMALE/ HUMAN/ TIME FACTORS

2769. **Polli GP, Grim WM, Bacher FA, et al:** Influence of formulation on aerosol particle size.
J Pharm Sci 58:484-6, Apr 69
*AEROSOLS/ CHEMISTRY/ DEXAMETHASONE/ DRUG COMPOUNDING/ METHODS/ TEMPERATURE

2770. **Pomanov IuA, Kremli SM, Blokhina AN:** Vozrastnye izmenenila mitoticheskogo indeksa v razlichnykh organakh belykh krys.
Biull Eksp Biol Med 67:104-7, Apr 69 **(Rus)**
*AGING/ ANIMAL EXPERIMENTS/ INTESTINE, SMALL, physiology/ MALE/ *MITOSIS/ PARATHYROID GLANDS, physiology/ PITUITARY GLAND, physiology/ RATS/ THYROID GLAND, physiology

2771. **Ponchon G, DeLuca HF:** The role of the liver in the metabolism of vitamin D. J Clin Invest 48:1273-9, Jul 69
ANIMAL EXPERIMENTS/ BIOTRANSFORMATION/ CHOLECALCIFEROL, blood/ *CHOLECALCIFEROL, metabolism/ CHROMATOGRAPHY/ INJECTIONS, INTRAVENOUS/ *LIVER, metabolism/ MALE/ RATS/ TRITIUM/ VITAMIN D DEFICIENCY, metabolism

2772. **Ponchon G, DeLuca HF:** Ethanol-induced artifacts in the metabolism of 3H-vitamin D3.
Proc Soc Exp Biol Med 131:727-31, Jul 69
*ALCOHOL, ETHYL, pharmacodynamics/ ANIMAL EXPERIMENTS/ CHOLECALCIFEROL, blood/ *CHOLECALCIFEROL, metabolism/ LIVER, metabolism/ MALE/ METABOLIC CLEARANCE RATE/ NAD, metabolism/ NADP, metabolism/ RATS/ STIMULATION, CHEMICAL/ TRITIUM

2773. **Ponsold K, Wunderwald M, Schade W:** Ein einfaches Verfahren zur Einführung von Substituenten in die 10-beta Stellung von 19-Norsteroiden.
Tetrahedron Lett 16:1209-12, Mar 69 **(Ger)**
CHEMISTRY/ ESTROGENS/ ETHERS, CYCLIC/ METHODS/ *NORSTEROIDS/ OXIDATION-REDUCTION

2774. **Ponticelli D:** Lo studio della cromatina sessuale nei tumori teratomatosi del testicolo.
Rass Int Clin Ter 49:423-8, 15 Apr 69 **(Ita)**
ADULT/ CHILD/ *DERMOID CYST, familial & genetic/ HUMAN/ MALE/ MIDDLE AGE/ *SEX CHROMATIN/ *SEX DETERMINATION/ *TERATOID TUMOR, familial & genetic/ *TESTICULAR NEOPLASMS, familial & genetic

2775. **Pope TH Jr, Kenan PD:** Bell's palsy in pregnancy.
Arch Otolaryng (Chicago) 89:830-4, Jun 69
ADOLESCENCE/ ADULT/ ELECTROMYOGRAPHY/ *FACIAL PARALYSIS/ FACIAL PARALYSIS, drug therapy/ FACIAL PARALYSIS, etiology/ FACIAL PARALYSIS, surgery/ FACIAL PARALYSIS, therapy/ FEMALE/ GESTATIONAL AGE/ HUMAN/ PHYSICAL THERAPY/ PREDNISONE, therapeutic use/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ PREGNANCY COMPLICATIONS, therapy/ PREGNANCY TOXEMIAS, complications/ *PUERPERAL DISORDERS/ TIME FACTORS

2776. **Popov NG, Sheĭretova E:** Pogloshchenie J-131 shchitovidnoĭ zhelezoĭ pri khronicheskikh dvustoronnikh zabolevaniiakh pochek.
Ter Arkh 39:10-3, Mar 67 **(Rus)**
ADULT/ AGED/ CHRONIC DISEASE/ FEMALE/ HUMAN/ *IODINE ISOTOPES, metabolism/ *KIDNEY DISEASES, physiopathology/ MALE/ MIDDLE AGE/ *THYROID GLAND, physiopathology

2777. **Popper A, Prezewowsky K, Wiechert R, et al:** Die Synthese von 19-Nor-17 alpha-hydroxy-progesteron-capronat (Gestonoroncapronat)
Arzneimittelforschung 19:352-4, Mar 69 **(Ger)**
*CAPROATES, chem synthesis/ CHEMISTRY, PHARMACEUTICAL/ METHODS/ *PROGESTERONE, chem synthesis

2778. **Popper TL, Gardner JN, Neri R, et al:** Antiandrogenic and progestational activity of some 17-oxygenated 15-dehydro steroids. J Med Chem 12:393-6, May 69
ANIMAL EXPERIMENTS/ CASTRATION/ INJECTIONS, INTRAMUSCULAR/ MALE/ PROGESTERONE, administration & dosage/ PROGESTERONE, analysis/ PROGESTERONE, chem synthesis/ *PROGESTERONE, pharmacodynamics/ PROSTATE, drug effects/ RABBITS/ RATS/ SEMINAL VESICLES, drug effects/ TESTOSTERONE, administration & dosage/ TESTOSTERONE, pharmacodynamics

2779. **Porro RS, Webster HF, Tobin W:** Needle biopsy of skeletal muscle: a phase and electron microscopic evaluation of its usefulness in the study of muscle dsease. J Neuropath Exp Neurol 28:229-42, Apr 69
ADOLESCENCE/ ADULT/ *BIOPSY/ FEMALE/ HUMAN/ HYPOTHYROIDISM, complications/ MALE/ METHODS/ MICROSCOPY, ELECTRON/ MICROSCOPY, PHASE CONTRAST/ MIDDLE AGE/ *MUSCLES, pathology/ *MUSCULAR DISEASES, diagnosis/ MUSCULAR DISEASES, pathology/ MUSCULAR DYSTROPHY, diagnosis/ MYOSITIS, diagnosis/ MYOTONIA, diagnosis/ PARALYSIS, FAMILIAL PERIODIC, diagnosis/ SURGERY, OPERATIVE

2780. **Porter DG:** Studies in the regulation of uterine activity.
Postgrad Med J 45:70-2, Jan 69
ABORTION/ ANIMAL EXPERIMENTS/ FEMALE/ HUMAN/ PLACENTA, pathology/ *PREGNANCY/ *PREGNANCY, ANIMAL/ *PROGESTERONE, pharmacodynamics/ RABBITS/ *UTERUS, drug effects

2781. **Porter P:** Transfer of immunoglobulins IgG, IgA and IgM to lacteal secretions in the parturient sow and their absorption by the neonatal piglet.
Biochim Biophys Acta 181:381-92, 1 Jul 69

ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ BLOOD PROTEIN ELECTROPHORESIS/ *COLOSTRUM, analysis/ ELECTROPHORESIS, DISK/ FEMALE/ GAMMA GLOBULIN, analysis/ GAMMA GLOBULIN, isolation & purification/ *GAMMA GLOBULIN, metabolism/ GAMMA GLOBULIN, secretion/ *GAMMA GLOBULIN, 7S, metabolism/ GAMMA GLOBULIN, 7S, secretion/ *GAMMA GLOBULIN, 19S, metabolism/ GAMMA GLOBULIN, 19S, secretion/ GEL DIFFUSION TESTS/ GEL FILTRATION/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ *INTESTINAL ABSORPTION/ *LACTATION/ MOLECULAR WEIGHT/ PREGNANCY/ SWINE/ ULTRACENTRIFUGATION

2782. **Portnoy B:** Psoriasis treated with low tryptophan diet. Brit J Derm 81:389, May 69
CHILD/ *DIET THERAPY/ HUMAN/ MALE/ PSORIASIS, drug therapy/ *PSORIASIS, therapy/ TRIAMCINOLONE, therapeutic use/ *TRYPTOPHAN

2783. **Povoa H, Calado AN:** Dexamethazone and clearing factor. Acta Physiol Lat Amer 17:326-7, 1967
ANIMAL EXPERIMENTS/ *DEXAMETHASONE, pharmacodynamics/ HISTORY OF MEDICINE, 20TH CENT./ INJECTIONS, INTRAPERITONEAL/ *LIPOPROTEIN LIPASE, blood/ MALE

2784. **Povoa H Jr:** Cholesterol in azoospermic semens. Endokrinologie 53:283-5, 1968
*ASPARTATE AMINOTRANSFERASE, analysis/ *CHOLESTEROL, analysis/ HUMAN/ MALE/ *SEMEN, analysis/ SEMEN, enzymology/ SPERMATOZOA/ *STERILITY, MALE, metabolism/ TESTICULAR DISEASES, complications

2785. **Povoa Júnior H, Callado AN, Pereira JM:** Clearing factor em plasma e tecido adiposo de ratos adremalectomizados.
Arq Brasil Endocr 17:89-92, Aug 68 (Por)
*ADIPOSE TISSUE, enzymology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ ENZYME INDUCTION/ LIPASE, blood/ *LIPASE, metabolism/ METHODS/ RATS/ TIME FACTORS

2786. **Povoa Júnior H, Callado AN:** Starvation and ribonuclease activity in rat erythrocytes.
Arq Brasil Endocr 17:99-102, Aug 68
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ DEXAMETHASONE, administration & dosage/ ENZYME REPRESSION, drug effects/ *ERYTHROCYTES, enzymology/ INJECTIONS, INTRAPERITONEAL/ METHODS/ RATS/ *RIBONUCLEASE, blood/ *STARVATION, enzymology/ TIME FACTORS

2787. **Póvoa Júnior H, Callado AN, Aguiar EM:** Dexametazona e transmainases no tecido adiposo de rato.
Arq Brasil Endocr 17:77-80, Aug 68 (Por)
*ADIPOSE TISSUE, enzymology/ *ALANINE AMINOTRANSFERASE, analysis/ ANIMAL EXPERIMENTS/ *ASPARTATE AMINOTRANSFERASE, analysis/ *DEXAMETHASONE, pharmacodynamics/ ENGLISH ABSTRACT/ METHODS/ RATS

2788. **Pozuelo Escudero V, Algarrada Ruiz M, Aritmendi MC:** Patología infantil en la Endocrinología de la Seguridad Social. Rev Iber Endocr 16:143-53, Mar-Apr 69 (Spa)
ADOLESCENCE/ AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ *ENDOCRINE DISEASES, occurrence/ ENGLISH ABSTRACT/ FEMALE/ HOSPITAL OUTPATIENT CLINICS/ HUMAN/ MALE/ SPAIN

2789. **Pozuelo Escudero V, Cristóbal J, Sierra A:** Hipertiroidismo, metabolismo de los lipidos y viscosidad sanguínea.
Rev Iber Endocr 16:129-41, Mar-Apr 69 (Spa)
ADOLESCENCE/ ADULT/ *BLOOD VISCOSITY/ CHOLESTEROL, blood/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, blood/ LIPIDS, blood/ *LIPIDS, metabolism/ LIPOPROTEINS, blood/ METHODS/ MIDDLE AGE

2790. **Prasad AS, Oberleas D, Wolf P, et al:** Changes in trace elements and enzyme activities in tissues of zinc-deficient pigs. Amer J Clin Nutr 22:628-37, May 69
ADRENAL GLANDS, pathology/ *ALCOHOL OXIDOREDUCTASES, metabolism/ *ALKALINE PHOSPHATASE, blood/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ DEFICIENCY DISEASES, metabolism/ DEFICIENCY DISEASES, pathology/ DIET/ FEMALE/ HISTOCYTOCHEMISTRY/ KIDNEY, pathology/ *LACTATE DEHYDROGENASE, metabolism/ *MALATE DEHYDROGENASE, metabolism/ MALE/ ORGAN WEIGHT/ PITUITARY GLAND, pathology/ *SUCCINATE DEHYDROGENASE, metabolism/ SWINE/ THYMUS GLAND, pathology/ *TRACE ELEMENTS, metabolism/ *ZINC/ ZINC, blood/ ZINC, metabolism

2791. **Predescu V, Christodorescu D, Tăutu C, et al:** Repeated abortions in a woman with XO-XX mosaicism. Lancet 2:217, 26 Jul 69
ABNORMALITIES, MULTIPLE, familial & genetic/ *ABORTION, HABITUAL, familial & genetic/ ADULT/ FEMALE/ HUMAN/ *MOSAICISM/ PREGNANCY/ *SEX CHROMOSOMES

2792. **Prelot M, Raoul Y:** Influence des parathyroïdes sur l'action de l'hormone somatotrope (S.T.H.) chez la ratte. J Physiol (Paris) 59:Suppl:283, 1967 (Fre)
ANIMAL EXPERIMENTS/ FEMALE/ HYPOPHYSECTOMY/ PARATHYROID GLANDS, surgery/ *PARATHYROID HORMONE, pharmacodynamics/ PHOSPHORUS, blood/ RATS/ *SOMATOTROPIN, antagonists & inhibitors

2793. **Price JL:** The origin of the centrifugal fibres to the olfactory bulb. Brain Res 14:542-5, Jul 69
AMYGDALOID BODY, anatomy & histology/ ANIMAL EXPERIMENTS/ CEREBRAL CORTEX, anatomy & histology/ *LIMBIC SYSTEM, anatomy & histology/ MESENCEPHALON, anatomy & histology/ NERVE DEGENERATION/ NEURAL INTERCONNECTIONS/ RATS

2794. **Price SA, Toseland PA:** Oral contraceptives and depression. Lancet 2:158-9, 19 Jul 69
*CONTRACEPTIVES, ORAL, adverse effects/ *DEPRESSION, prevention & control/ FEMALE/ HUMAN/ *PYRIDOXINE, therapeutic use/ TRYPTOPHAN, metabolism

2795. **Price WH, Irvine WJ:** Autoimmunity in women with sex chromosome aneuploidy and in their parents compared to controls.
Clin Exp Immun 4:365-74, Apr 69
ADULT/ *ANEUPLOIDY/ *AUTOANTIBODIES, analysis/ FEMALE/ HUMAN/ HYPOGONADISM, familial & genetic/ MIDDLE AGE/ MOSAICISM/ PARENTS/ *SEX CHROMOSOME ABNORMALITIES, immunology/ STOMACH, immunology/ THYROID GLAND, immunology/ TURNER'S SYNDROME, immunology

2796. **Priedkalns J:** Effect of melengestrol acetate on ovarian follicles, interstitial gland and corpora lutea in the rat: a quantitative morphological study.
Z Zellforsch 93:56-73, 1969
ANIMAL EXPERIMENTS/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ *CORPUS LUTEUM, drug effects/ ESTRADIOL, pharmacodynamics/ FEMALE/ GRAAFIAN FOLLICLE, cytology/ *GRAAFIAN FOLLICLE, drug effects/ *LEYDIG CELLS, drug effects/ *PROGESTATIONAL HORMONES, pharmacodynamics/ RATS

2797. **Priedkalns J, Weber AF:** The succinic dehydrogenase and lipid content of follicular and luteal cells of the bovine ovary. Acta Anat (Basel) 71:542-64, 1968
ANIMAL EXPERIMENTS/ CATTLE/ CHOLESTEROL, analysis/ ESTRUS/ FEMALE/ HISTOCYTOCHEMISTRY/ *LIPIDS, analysis/

METHODS/ OVARY, analysis/ *OVARY, enzymology/ *SUCCINATE DEHYDROGENASE, metabolism

2798. **Prinz W, Taubert HD:** Mumps in pubescent females and its effect on later reproductive function.
Gynaecologia (Basel) 167:23-7, 1969
ADULT/ FEMALE/ FERTILITY/ HUMAN/ *MUMPS, complications/ MUMPS, occurrence/ *OOPHORITIS, etiology/ PREGNANCY/ *PUBERTY/ RETROSPECTIVE STUDIES/ *STERILITY, FEMALE, etiology/ STERILITY, FEMALE, occurrence

2799. **Probst C:** Arterielle zerebrale Durchblutungsstörungen und andere neurologische Störungen bei Einnahme von Ovulationshemmern.
Praxis 58:45-6, 14 Jan 69 (Ger)
ADULT/ *CEREBROVASCULAR DISORDERS/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HEMIPLEGIA, chemically induced/ HUMAN/ *NERVOUS SYSTEM DISEASES, chemically induced

2800. **Pronicka E:** Wpływ krzywicy na zaburzenia równowagi kwasowo-zasadowej w zapaleniu płuc u niemowląt.
Pediat Pol 44:567-74, May 69 (Pol)
*ACID-BASE EQUILIBRIUM/ ACIDOSIS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ MALE/ *PNEUMONIA, complications/ *RICKETS, complications

2801. **Proost J, Demol R, Barbier F, et al:** Oestriolbehandeling van de menopauze en de postmenopauze.
Bull Soc Roy Belg Gynec Obstet 39:65-83, 1969 (Dut)
AGED/ *ESTRIOL, therapeutic use/ *ESTROGENS, therapeutic use/ FEMALE/ *GYNECOLOGIC DISEASES, drug therapy/ HUMAN/ *MENOPAUSE, drug effects/ MIDDLE AGE

2802. **Prout BJ, Wardell WM:** Sweating and peripheral blood flow in patients with phaeochromocytoma.
Clin Sci 36:109-17, Feb 69
ADULT/ BODY TEMPERATURE/ EAR, EXTERNAL/ FEMALE/ HAND, blood supply/ HUMAN/ KIDNEY NEOPLASMS, physiopathology/ MALE/ MIDDLE AGE/ MOUTH/ NOREPINEPHRINE, pharmacodynamics/ *PHEOCHROMOCYTOMA, physiopathology/ PHEOCHROMOCYTOMA, surgery/ SCOPOLAMINE, pharmacodynamics/ *SKIN, blood supply/ *SWEATING/ SWEATING, drug effects

2803. **Prozorovskiĭ VI, Gromov LI, Podymov VK, et al:** O roli gipotalamo-gipofizarnoĭ neĭrosekretornoĭ sistemy v geneze skoropostizhnoĭ smerti ot serdechno-sosudistykh zabolevaniĭ (gistologicheskoe i gistokhimicheskoe issledovanie)
Sudebnomed Ekspert 10:8-13, Oct-Dec 67 (Rus)
ADULT/ *ARTERIOSCLEROSIS, complications/ CEREBRAL HEMORRHAGE, etiology/ *DEATH, SUDDEN/ ENGLISH ABSTRACT/ *FORENSIC MEDICINE/ HEART FAILURE, CONGESTIVE, etiology/ HISTOCYTOCHEMISTRY/ HUMAN/ *HYPERTENSION, complications/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiopathology/ MIDDLE AGE/ TIME FACTORS

2804. **Pruzanski W, Platts ME, Ogryzlo MA:** Leukemic form of immunocytic dyscrasia (plasma cell leukemia). A study of ten cases and a review of the literature.
Amer J Med 47:60-74, Jul 69
ADULT/ AGE FACTORS/ BENCE JONES PROTEIN, analysis/ BLOOD PROTEIN ELECTROPHORESIS/ BONE MARROW CELLS/ BONE MARROW EXAMINATION/ CRYOGLOBULINS, analysis/ FEMALE/ *GAMMA GLOBULIN, analysis/ GAMMA GLOBULIN, 7S, analysis/ GAMMA GLOBULIN, 19S, analysis/ GEL DIFFUSION TESTS/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ IMMUNOELECTROPHORESIS/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ LEUKEMIA, PLASMACYTIC/ LEUKEMIA, PLASMACYTIC, drug therapy/ *LEUKEMIA, PLASMACYTIC, immunology/ LEUKEMIA, PLASMACYTIC, occurrence/ LEUKEMIA, PLASMACYTIC, pathology/ MACROGLOBULINEMIA/ MALE/ MIDDLE AGE/ MULTIPLE MYELOMA, immunology/ PROTEINURIA/ SERUM ALBUMIN, analysis/ SERUM GLOBULIN, analysis/ SEX FACTORS/ URETHANE, therapeutic use

2805. **Przybyszowski A:** Wyniki operacyjnego leczenia choroby Cushinga.
Pol Przegl Chir 41:395-400, 1969 (Pol)
ADOLESCENCE/ ADRENALECTOMY/ ADULT/ CHILD/ *CUSHING'S SYNDROME, surgery/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ RETROSPECTIVE STUDIES

2806. **Puca GA, Bresciani F:** Interactions of 6,7-3H-17beta-estradiol with mammary gland and other organs of the C3H mouse in vivo.
Endocrinology 85:1-10, Jul 69
*ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ CASTRATION/ CORTISONE, pharmacodynamics/ DESOXYCORTICOSTERONE, pharmacodynamics/ DIETHYLSTILBESTROL, pharmacodynamics/ ESTRADIOL, analysis/ ESTRADIOL, blood/ *ESTRADIOL, metabolism/ ESTROGENS, antagonists & inhibitors/ ETHISTERONE, pharmacodynamics/ FEMALE/ KINETICS/ *LUNG, metabolism/ *MAMMAE, metabolism/ MICE/ *MUSCLES, metabolism/ OVARY, physiology/ PROGESTERONE, pharmacodynamics/ TESTOSTERONE, pharmacodynamics/ TRITIUM/ *UTERUS, metabolism/ *VAGINA, metabolism

2807. **Puchiev A, Somova L, Dochev D:** The renin-angiotensin system and its relation with the electrolyte balance in experimental hypertension.
Dokl Bolg Akad Nauk 22:353-6, 1969
*ANGIOTENSIN, blood/ ANIMAL EXPERIMENTS/ *HYPERTENSION/ NATRIURESIS/ POTASSIUM, blood/ RATS/ *RENIN, blood/ SODIUM, blood

2808. **Pulkkinen MO, Csapo E:** Placental hypertrophy in the rat induced by ovariectomy.
J Reprod Fertil 18:125-7, Feb 69
ANIMAL EXPERIMENTS/ CASTRATION/ FEMALE/ HYPERTROPHY, etiology/ ORGAN WEIGHT/ *OVARY, physiology/ OVARY, surgery/ PLACENTA, analysis/ PLACENTA, anatomy & histology/ *PLACENTA, physiology/ PREGNANCY/ *PREGNANCY, ANIMAL/ PROGESTERONE, pharmacodynamics/ RATS/ WATER, analysis

2809. **Pulvino G:** Contributo allo studio del mesonefroma ovarico. Quad Clin Ostet Ginec 23:237-46, Mar 68 (Ita)
ADULT/ FEMALE/ HUMAN/ *MESONEPHROMA/ *OVARIAN NEOPLASMS

2810. **Purola E, Nerdrum T:** Re-establishment of menstruation after abortion.
Ann Chir Gynaec Fenn 57:618-20, 1968
*ABORTION/ ABORTION, LEGAL/ BIOPSY/ BODY TEMPERATURE/ ENDOMETRIAL HYPERPLASIA/ ENDOMETRITIS/ ENDOMETRIUM, pathology/ FEMALE/ HUMAN/ *MENSTRUATION/ *OVULATION/ POLYPS/ PREGNANCY/ TIME FACTORS/ UTERINE NEOPLASMS/ VAGINAL SMEARS

2811. **Purola E, Nieminen U:** Does rupture of cystic carcinoma during operation influence the prognosis?
Ann Chir Gynaec Fenn 57:615-7, 1968
CYSTADENOCARCINOMA, mortality/ *CYSTADENOCARCINOMA, surgery/ CYSTADENOMA, MUCINOUS, mortality/ *CYSTADENOMA, MUCINOUS, surgery/ FEMALE/ HUMAN/ OVARIAN NEOPLASMS, mortality/ *OVARIAN NEOPLASMS, surgery/ PROGNOSIS/ RUPTURE

2812. **Purrott RJ, Sage M:** The assay of ACTH and the action of ACTH and steroids on corticosteroidogenesis in the mouse. Pflueger Arch 309:107-14, 1969
ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ *ADRENAL CORTEX

HORMONES, biosynthesis/ *ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ CHOLESTEROL, pharmacodynamics/ CORTICOSTERONE, pharmacodynamics/ *CORTICOTROPIN, analysis/ *CORTICOTROPIN, pharmacodynamics/ ESTRADIOL, pharmacodynamics/ FEMALE/ GLUCOSE, pharmacodynamics/ IN VITRO/ MICE/ PREGNENOLONE, pharmacodynamics/ PROGESTERONE, pharmacodynamics

2813. **Puschett JB, Goldberg M:** The relationship between the renal handling of phosphate and bicarbonate in man.
J Lab Clin Med 73:956-69, Jun 69
*BICARBONATES, metabolism/ BICARBONATES, urine/ BIOLOGICAL TRANSPORT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *KIDNEY, physiology/ KIDNEY TUBULES, physiology/ PARATHYROID HORMONE, pharmacodynamics/ *PHOSPHATES, metabolism/ PHOSPHATES, urine

2814. **Pustovalova-Vagapova LB:** O sostoianii magnievogo obmena pri rakhite. Pediatriia 46:71-3, Nov 67 **(Rus)**
ANIMAL EXPERIMENTS/ *MAGNESIUM, blood/ RATS/ *RICKETS, blood

Q

2815. **Quinlivan TD, Robinson TJ:** Numbers of spermatozoa in the genital tract after artificial insemination of progestagen-treated ewes.
J Reprod Fertil 19:73-86, Jun 69
ANIMAL EXPERIMENTS/ CRONOLONE, pharmacodynamics/ ESTRUS, drug effects/ FEMALE/ *FLUORINE, pharmacodynamics/ *GENITALIA, FEMALE, physiology/ *INSEMINATION, ARTIFICIAL/ MALE/ *PREGNANES, pharmacodynamics/ SHEEP/ *SPERMATOZOA/ TIME FACTORS

2816. **Quinn DL:** Neural activation of gonadotropic hormone release by electrical stimulation in the hypothalamus of the guinea pig and the rat.
Neuroendocrinology 4:254-63, 1969
ANIMAL EXPERIMENTS/ *ELECTRIC STIMULATION/ ESTRUS/ FEMALE/ GUINEA PIGS/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ *HYPOTHALAMUS, physiology/ *LH, secretion/ *OVULATION/ RATS/ VAGINA, physiology

R

2817. **Raab EL, Leopold IH, Hodes HL:** Retinopathy in Rocky Mountain spotted fever.
Amer J Ophthal 68:42-6, Jul 69
ADRENAL CORTEX HORMONES, therapeutic use/ AGGLUTINATION TESTS/ ANTIBIOTICS, therapeutic use/ BLOOD CELL COUNT/ BLOOD TRANSFUSION/ CHILD/ COMA, etiology/ DIAGNOSIS, DIFFERENTIAL/ EDEMA/ EXUDATES AND TRANSUDATES/ EYE DISEASES, etiology/ *EYE MANIFESTATIONS/ FUNDUS OCULI/ HUMAN/ MALE/ OPHTHALMOSCOPY/ PAPILLEDEMA, etiology/ RETINAL HEMORRHAGE, etiology/ RETINAL VESSELS/ ROCKY MOUNTAIN SPOTTED FEVER, complications/ *ROCKY MOUNTAIN SPOTTED FEVER, diagnosis/ ROCKY MOUNTAIN SPOTTED FEVER, drug therapy/ SEPTICEMIA, complications/ SKIN MANIFESTATIONS/ THROMBOPENIA, complications

2818. **Raab W:** Die Wirkung externer Antipsoriatica auf die Gewebsatmung menschlicher und tierischer Haut.
Arch Klin Exp Derm 234:44-51, 1969 **(Ger)**
*ANTHRACENES, pharmacodynamics/ *ANTI-INFECTIVE AGENTS, LOCAL, pharmacodynamics/ DRUG SYNERGISM/ GUINEA PIGS/ HUMAN/ HYDROCORTISONE, TOPICAL, pharmacodynamics/ *LACTONES, pharmacodynamics/ METHODS/ MICE/ *OXYGEN CONSUMPTION, drug effects/ RATS/ *SKIN, metabolism

2819. **Rabb MF, Fine M:** Penetrating keratoplasty in interstitial keratitis. Amer J Ophthal 67:907-17, Jun 69
ADOLESCENCE/ ADRENAL CORTEX HORMONES, administration & dosage/ ADULT/ AGED/ ANTIBIOTICS, administration & dosage/ CHILD/ *CORNEA, transplantation/ FEMALE/ FOLLOW-UP STUDIES/ GLAUCOMA, etiology/ HUMAN/ IMMUNE TOLERANCE/ KERATITIS, etiology/ *KERATITIS, surgery/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ REFRACTION, OCULAR/ SYPHILIS, CONGENITAL, complications/ TRANSPLANTATION, HOMOLOGOUS/ UVEITIS, drug therapy/ VISION/ WOUND HEALING

2820. **Rabes H:** Beeinflussung der Proliferationsaktivität normaler und maligner Gewebe durch Hypophysektomie.
Z Krebsforsch 72:176-84, 1969 **(Ger)**
*ADRENAL GLANDS, cytology/ ANIMAL EXPERIMENTS/ DNA, NEOPLASM, biosynthesis/ ENGLISH ABSTRACT/ HEPATOMA, chemically induced/ HEPATOMA, surgery/ *HYPOPHYSECTOMY/ *KIDNEY, cytology/ *LIVER, cytology/ LIVER, metabolism/ *LIVER NEOPLASMS, surgery/ MALE/ *MITOSIS/ NITROSAMINES/ RATS/ THYMIDINE/ TRITIUM

2821. **Rabinowitz JL, Meyerson RM:** The effects of L-triiodothyronine on the fatty acid composition of adipose tissue and on some metabolic parametres of obese individuals.
Pol Arch Med Wewnet 42:497-505, 1969
ADIPOSE TISSUE, analysis/ ADULT/ AGED/ BLOOD SUGAR, analysis/ FATS, UNSATURATED, analysis/ FATTY ACIDS, analysis/ HUMAN/ MIDDLE AGE/ *OBESITY, drug therapy/ *TRIIODOTHYRONINE, therapeutic use

2822. **Rabukhina NA, Shvarts SD:** Rentgenologicheskie nabliudeniia za sostoianiem kostnoĭ tkani i pornykh zubov pod bazisom biogel'nykh protezov.
Stomatologiia (Moskva) 48:72-4, May-Jun 69 **(Rus)**
ALVEOLAR PROCESS, radiography/ *DENTURE, PARTIAL, REMOVABLE/ ENGLISH ABSTRACT/ HUMAN/ *JAW DISEASES, radiography/ *OSTEOPOROSIS, radiography

2823. **Racela A Jr, Azarnoff D, Svoboda D:** Mitochondrial cavitation and hypertrophy in rat adrenal cortex due to aminoglutethimide. Lab Invest 21:52-60, Jul 69
*ADRENAL GLANDS, drug effects/ AMINOGLUTETHIMIDE, adverse effects/ *ANILINE COMPOUNDS, adverse effects/ ANIMAL EXPERIMENTS/ *ANTICONVULSANTS, adverse effects/ CORTICOTROPIN, analysis/ CORTICOTROPIN, antagonists & inhibitors/ CORTICOTROPIN, pharmacodynamics/ FEMALE/ HYPERTROPHY, chemically induced/ HYPOPHYSECTOMY/ MALE/ MITOCHONDRIA, analysis/ *MITOCHONDRIA, drug effects/ OXIDATIVE PHOSPHORYLATION/ *PYRIDONES, adverse effects/ RATS

2824. **Radenbach KL:** Nonspecific disease symptoms in the recovery phase and the convalescence of tuberculosis.
Scand J Resp Dis Suppl 65:225+, 1968
ADOLESCENCE/ ADRENAL CORTEX HORMONES/ ADRENAL GLAND HYPERFUNCTION, diagnosis/ ADRENAL GLAND HYPOFUNCTION, diagnosis/ ADULT/ BLOOD CELL COUNT/ EOSINOPHILS/ HUMAN/ 17-KETOSTEROIDS, urine/ MIDDLE AGE/ PITUITARY-ADRENAL SYSTEM/ *TUBERCULOSIS, PULMONARY, diagnosis/ TUBERCULOSIS, PULMONARY, physiopathology/ TUBERCULOSIS, PULMONARY, therapy

2825. **Radig K:** Ein Fall von Dauerbrüchen an beiden Schenkelhälsen.
Beitr Orthop Trauma 15:411-5, 1968 **(Ger)**
AMYLASE, blood/ AMYLASE, urine/ CALCIUM, urine/ CASE REPORT/ FEMALE/

*FEMORAL NECK FRACTURES, etiology/ FEMORAL NECK FRACTURES, radiography/ *FRACTURES, UNUNITED, etiology/ HUMAN/ MIDDLE AGE/ *OSTEOMALACIA, complications/ SPINE, radiography

2826. **Radó JP, Szende L:** Use of hypertonic saline, clopamide and furosemide for evaluation of the concentrating defect in pitressin-treated diabetes insipidus.
Med Exp (Basel) 18:185-90, 1968
*AMIDES, diagnostic use/ CLOPAMIDE/ DIABETES INSIPIDUS, complications/ *DIABETES INSIPIDUS, drug therapy/ *DIURETICS, diagnostic use/ FEMALE/ *FUROSEMIDE, diagnostic use/ HUMAN/ HYPERTONIC SOLUTIONS, diagnostic use/ *KIDNEY, physiopathology/ KIDNEY CONCENTRATING ABILITY/ KIDNEY DISEASES, diagnosis/ *KIDNEY DISEASES, diagnosis/ MALE/ MIDDLE AGE/ *PIPERIDINES, diagnostic use/ *SODIUM CHLORIDE, diagnostic use/ TANNINS, therapeutic use/ *VASOPRESSIN, therapeutic use

2827. **Radt P:** Bilateral reflex neurovascular dystrophy following a neurosurgical procedure. Clinical picture and therapeutic problems of the syndrome.
Confin Neurol 30:341-8, 1968
ARTHRITIS, RHEUMATOID, diagnosis/ ATROPHY/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ HYDROCEPHALUS, complications/ HYPERTENSION, complications/ MIDDLE AGE/ MUSCULAR ATROPHY/ NEURILEMMOMA, surgery/ *NEUROSURGERY, adverse effects/ OPTIC NERVE, surgery/ OSTEOPOROSIS, diagnosis/ PAPILLEDEMA, complications/ PERIPHERAL NERVE NEOPLASMS, surgery/ PSYCHOSES, ORGANIC, surgery/ REFLEX SYMPATHETIC DYSTROPHY, diagnosis/ *REFLEX SYMPATHETIC DYSTROPHY, etiology/ SKIN DISEASES

2828. **Radvila A, Dettwiler W, Rohner R, et al:** Die Bremswirkung antiinflammatorisch äquipotenter Dosen von Dexamethason und Triamcinolon auf den Sekretionsrhythmus der Nebennierenrindensteroide.
Schweiz Med Wschr 99:709-11, 10 May 69 **(Ger)**
ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, secretion/ ADULT/ CIRCADIAN RHYTHM/ COMPARATIVE STUDY/ DEPRESSION, CHEMICAL/ DEXAMETHASONE, administration & dosage/ *DEXAMETHASONE, pharmacodynamics/ FEMALE/ FLUOROMETRY/ GLUCOCORTICOIDS, blood/ *GLUCOCORTICOIDS, secretion/ HUMAN/ MALE/ TRIAMCINOLONE, administration & dosage/ *TRIAMCINOLONE, pharmacodynamics

2829. **Raeth R:** Klinische Erfahrungen mit "Neo-Lidocaton".
Zahnaerztl Welt 78:606-7, 10 Jul 69 **(Ger)**
ADULT/ AGED/ *ANESTHESIA, DENTAL/ EPINEPHRINE/ FEMALE/ HUMAN/ *LIDOCAINE/ MALE/ MIDDLE AGE/ *TOOTH EXTRACTION/ VASOPRESSIN

2830. **Rahandraha T:** Relation entre la biosynthèse du cortisol et le taux de l'urée sanguine chez le cobaye carencé en vitamine C.
J Physiol (Paris) 59:Suppl:284, 1967 **(Fre)**
ADRENAL GLAND HYPERFUNCTION, etiology/ ANIMAL EXPERIMENTS/ *ASCORBIC ACID DEFICIENCY, complications/ GUINEA PIGS/ *HYDROCORTISONE, blood/ METYRAPONE, pharmacodynamics/ SCURVY, etiology/ *UREA, blood

2831. **Raheja BS, Talwalkar NG:** "When diabetes".
J Indian Med Ass 51:131-6, 1 Aug 68
CORTISONE, diagnostic use/ *DIABETES MELLITUS, diagnosis/ GLUCOSE TOLERANCE TEST/ HUMAN/ *PREDIABETIC STATE, diagnosis/ TOLBUTAMIDE, diagnostic use

2832. **Railo JE:** The pain syndrome in ovarian varicocele.
Acta Chir Scand 134:157-9, 1968
ADULT/ FEMALE/ HUMAN/ MIDDLE AGE/ *OVARIAN DISEASES, surgery/ *PAIN/ VARICOCELE, complications/ VARICOCELE, etiology/ *VARICOCELE, surgery

2833. **Rainer JD, Jarvik LF, Abdullah S, et al:** XYY karyotype in monozygotic twins.
Lancet 2:60, 5 Jul 69
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ *CHROMOSOME ABERRATIONS/ HUMAN/ INFANT/ KARYOTYPING/ MALE/ PSYCHOLOGY/ *SEX CHROMOSOMES/ *TWINS

2834. **Raisman G:** Neuronal plasticity in the septal nuclei of the adult rat.
Brain Res 14:25-48, Jun 69
ANIMAL EXPERIMENTS/ AXONS, cytology/ *CEREBRAL VENTRICLES, cytology/ DENDRITES/ HIPPOCAMPUS, cytology/ HYPOTHALAMUS, cytology/ MICROSCOPY, ELECTRON/ NERVE DEGENERATION/ *NERVE REGENERATION/ NEURONS, cytology/ NEURONS, AFFERENT/ RATS/ SYNAPSES, cytology

2835. **Raisz LG, Niemann I:** Effect of phosphate, calcium and magnesium on bone resorption and hormonal responses in tissue culture.
Endocrinology 85:446-52, Sep 69
ANIMAL EXPERIMENTS/ BONE AND BONES, embryology/ BONE AND BONES, metabolism/ *BONE RESORPTION, drug effects/ CALCIUM, metabolism/ *CALCIUM, pharmacodynamics/ CALCIUM ISOTOPES/ CULTURE MEDIA/ FETUS/ IN VITRO/ *MAGNESIUM, pharmacodynamics/ *PARATHYROID HORMONE, pharmacodynamics/ *PHOSPHATES, pharmacodynamics/ RATS/ STIMULATION, CHEMICAL/ *THYROCALCITONIN, pharmacodynamics/ TISSUE CULTURE

2836. **Raiti SM, Light C, Blizzard RM:** Urinary follicle-stimulating hormone excretion in boys and adult males as measured by radioimmunoassay.
J Clin Endocr 29:884-90, Jul 69
ADOLESCENCE/ CHEMISTRY, CLINICAL/ CHILD/ CHILD, PRESCHOOL/ FSH, standards/ *FSH, urine/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ LH, standards/ MALE/ METHODS/ *RADIOIMMUNOASSAY

2837. **Rajtar-Leontiew Z:** II. Wpływ INH na przemianę pirydoksyny witaminy B6 w gruźlicy szczurów.
Gruzlica 37:109-13, Feb 69 **(Pol)**
ANIMAL EXPERIMENTS/ DRUG TOLERANCE/ HYDROCORTISONE, therapeutic use/ *ISONIAZID, therapeutic use/ *PYRIDOXINE, metabolism/ PYRIDOXINE DEFICIENCY, chemically induced/ PYRIDOXINE DEFICIENCY, prevention & control/ RATS/ *TUBERCULOSIS, drug therapy

2838. **Raju S, Grogan JB:** Allograft implants in the anterior chamber of the eye of the rabbit. Early vascularization and sensitization of the host.
Transplantation 7:475-83, Jun 69
ADENOCARCINOMA, immunology/ ADRENAL GLANDS, transplantation/ ANIMAL EXPERIMENTS/ *ANTERIOR CHAMBER, immunology/ *ANTIBODY FORMATION/ *BLOOD VESSELS, growth & development/ BLOOD VESSELS, immunology/ COLONIC NEOPLASMS, immunology/ *ENDOCRINE GLANDS, transplantation/ FEMALE/ HISTOCOMPATIBILITY/ *NEOPLASM TRANSPLANTATION/ OVARY, transplantation/ RABBITS/ *SKIN, transplantation/ THYROID GLAND, transplantation/ TRANSPLANTATION, HETEROLOGOUS/ TRANSPLANTATION, HOMOLOGOUS

2839. **Rakhal'skiĭ IuE, Sirovskiĭ AA:** O tipakh psikhicheskikh narusheniĭ pri sindromakh klainfel'tera i shereshevskogo--ternera u vzroslykh.
Zh Nevropat Psikhiat Korsakov 69:407-9, 1969 **(Rus)**
ADULT/ CATATONIA, etiology/ DELIRIUM, etiology/ ENGLISH ABSTRACT/ EPILEPSY, etiology/ FEMALE/ HALLUCINATIONS, etiology/ HUMAN/ *INFANTILISM, etiology/

*KLINEFELTER'S SYNDROME, complications/ KLINEFELTER'S SYNDROME, diagnosis/ MALE/ *MENTAL DISORDERS, etiology/ MENTAL RETARDATION, etiology/ PERIODIC DISEASE/ SCHIZOPHRENIA, etiology/ *TURNER'S SYNDROME, complications/ TURNER'S SYNDROME, diagnosis

2840. **Rakowska M, Szkiląd̨ziowa W, Kunachowicz H:** Badania retencji wapnia i azotu ze zwyczajowo spożywanej diety w wybranej grupie dzieci przedszkolnych. II. Wyniki badań nad zwyczajowo przyjętym spożyciem i nad sposobem żywienia dzieci.
Roczn Panstw Zaki Hig 20:85-92, 1969 (Pol)
*CALCIUM, metabolism/ CHILD/ *CHILD NUTRITION/ CHILD, PRESCHOOL/ *FEEDING BEHAVIOR/ HUMAN/ *NITROGEN, metabolism/ *NUTRITION SURVEYS/ NUTRITIONAL REQUIREMENTS/ POLAND

2841. **Raman A:** The effects of cortisone and somatotrophin on bone growth in rats.
Quart J Exp Physiol 54:11-5, Jan 69
ANIMAL EXPERIMENTS/ *BONE DEVELOPMENT, drug effects/ *CORTISONE, pharmacodynamics/ FEMUR, growth & development/ INJECTIONS, INTRAPERITONEAL/ METHODS/ MICROSCOPY, FLUORESCENCE/ OXYTETRACYCLINE, diagnostic use/ RATS/ *SOMATOTROPIN, pharmacodynamics/ TIBIA, growth & development

2842. **Ranniger K:** The radiologic diagnosis of tumors of the endocrine glands.
Surg Clin N Amer 49:11-26, Feb 69 (40 ref.)
ADOLESCENCE/ ADRENAL GLAND NEOPLASMS, radiography/ ADULT/ CHILD/ CHILD, PRESCHOOL/ *ENDOCRINE DISEASES, radiography/ FEMALE/ HUMAN/ MALE/ *NEOPLASMS, radiography/ OVARIAN NEOPLASMS, radiography/ PANCREATIC NEOPLASMS, radiography/ PARATHYROID NEOPLASMS, radiography/ PINEALOMA, radiography/ PITUITARY NEOPLASMS, radiography/ REVIEW/ TESTICULAR NEOPLASMS, radiography/ THYROID NEOPLASMS, radiography

2843. **Rao GV, Draper HH:** Age-related changes in the bones of adult mice.
J Geront 24:149-51, Apr 69
*AGING/ ANIMAL EXPERIMENTS/ *BONE AND BONES, physiopathology/ FEMALE/ FEMUR, anatomy & histology/ LUMBAR VERTEBRAE, anatomy & histology/ MICE/ *OSTEOPOROSIS, etiology/ OSTEOPOROSIS, physiopathology/ TIBIA, anatomy & histology

2844. **Rappaport R:** La signification de l'unité foeto-placentaire dans le métabolisme des stéroïdes.
Ann Pediat (Paris) 16:62-4, 2 Jan 69 (Fre)
ADRENAL GLAND HYPOFUNCTION, congenital/ ADRENAL GLAND HYPOFUNCTION, metabolism/ ANDROGENS, metabolism/ ANENCEPHALUS, metabolism/ *DEHYDROEPIANDROSTERONE, biosynthesis/ ENZYME REPRESSION/ ESTRADIOL, adverse effects/ ESTRIOL, urine/ ESTROGENS, urine/ FETUS, enzymology/ FETUS, growth & development/ *FETUS, metabolism/ HUMAN/ LYASES, analysis/ METABOLISM, INBORN ERRORS/ PLACENTA, enzymology/ *PLACENTA, metabolism/ PREGNANCY/ PREGNANEDIOL, urine/ PREGNENOLONE, biosynthesis/ SEX DETERMINATION/ SEX DIFFERENTIATION DISORDERS, enzymology/ *STEROIDS, metabolism/ SULFATASES, analysis

2845. **Rappoport MB, Pasternak GA:**
Patologomorfologicheskie izmeneniia v razlichnykh otdelakh tsentral'noĭ nervnoĭ sistemy i éndokrinnykh organakh pri vozdeĭstvii tolchkoobraznoĭ vibratsii.
Gig Tr Prof Zabol 12:55-7, Jun 68 (Rus)
ANIMAL EXPERIMENTS/ CENTRAL NERVOUS SYSTEM DISEASES, etiology/ *CENTRAL NERVOUS SYSTEM DISEASES, pathology/ *ENDOCRINE DISEASES, etiology/ RABBITS/ RATS/ *VIBRATION

2846. **Raskin IM:** Gipervitaminozy u cheloveka.
Gig Sanit 33:74-9, Feb 68 (51 ref.) (Rus)
ASCORBIC ACID/ AVITAMINOSIS/ HUMAN/ REVIEW/ VITAMIN A/ VITAMIN D/ VITAMIN K/ VITAMINS/ *VITAMINS

2847. **Raskind R, Weiss SR, Wermuth RE:** Single metastatic brain tumors: treatment and follow-up in 41 cases.
Amer Surg 35:510-5, Jul 69
ADOLESCENCE/ ADRENAL GLAND NEOPLASMS/ ADULT/ AGED/ AXILLA/ BRAIN NEOPLASMS, mortality/ *BRAIN NEOPLASMS, surgery/ BREAST NEOPLASMS/ CARCINOMA/ CHILD/ COLONIC NEOPLASMS/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ KIDNEY NEOPLASMS/ LUNG NEOPLASMS/ LYMPHOMA/ MALE/ MEDIASTINAL NEOPLASMS/ MELANOMA/ MIDDLE AGE/ NEOPLASM METASTASIS/ RETROPERITONEAL NEOPLASMS/ TOES/ UTERINE NEOPLASMS

2848. **Rath F, Stur O, Geyer G:** Familiärer Morbus Addison.
Z Kinderheilk 106:197-205, 1969 (Ger)
ADDISON'S DISEASE, etiology/ *ADDISON'S DISEASE, familial & genetic/ ADDISON'S DISEASE, therapy/ ADRENAL GLAND DISEASES, complications/ ATROPHY/ AUTOIMMUNE DISEASES, familial & genetic/ CHILD/ DESOXYCORTICOSTERONE, therapeutic use/ DIET THERAPY/ DRUG ABUSE/ ENGLISH ABSTRACT/ HUMAN/ HYDROCORTISONE, therapeutic use/ INFANT/ MALE/ PREDNISONE, therapeutic use/ TIME FACTORS

2849. **Rau R:** Die intraartikuläre Therapie der rheumatoiden Arthritis mit Triamcinolon-Acetonid.
Med Welt 11:616-20, 15 Mar 69 (Ger)
ADULT/ *ARTHRITIS, RHEUMATOID, drug therapy/ ARTHRITIS, RHEUMATOID, rehabilitation/ FEMALE/ HUMAN/ *INJECTIONS, INTRA-ARTICULAR/ MALE/ METHODS/ MIDDLE AGE/ TRIAMCINOLONE ACETONIDE, administration & dosage/ *TRIAMCINOLONE ACETONIDE, therapeutic use

2850. **Rauramo L, Grönroos M, Kivikoski A:** Experience of the use of 6 alpha-methyllynestrenol for patients with genital carcinoma.
Acta Obstet Gynec Scand 47:528-40, 1968
ADULT/ ASPARTATE AMINOTRANSFERASE, urine/ BILIRUBIN, blood/ BLOOD CELL COUNT/ CARCINOMA, drug therapy/ CARCINOMA, radiotherapy/ *CERVIX NEOPLASMS, drug therapy/ CERVIX NEOPLASMS, radiotherapy/ ESTROGENS, urine/ FEMALE/ GONADOTROPINS, urine/ HEMOGLOBIN/ HUMAN/ *LYNESTRENOL, administration & dosage/ METHODS/ MIDDLE AGE/ NEOPLASM METASTASIS/ TABLETS/ TIME FACTORS/ *UTERINE NEOPLASMS, drug therapy/ UTERINE NEOPLASMS, radiography

2851. **Rawson MD, Liversedge LA:** Treatment of retrobulbar neuritis with corticotrophin.
Lancet 2:222, 26 Jul 69
CLINICAL RESEARCH/ *CORTICOTROPIN, therapeutic use/ HUMAN/ *OPTIC NEURITIS, drug therapy/ VISUAL ACUITY

2852. **Raynaud R, Brochier M, Morand P, et al:** Considérations sur 125 cas de blocs auriculo-ventriculaires complets.
Sem Hop Paris 45:95-100, 8 Jan 69 (Fre)
AGED/ AURICULAR FIBRILLATION, complications/ BRADYCARDIA, drug therapy/ ELECTRIC COUNTERSHOCK/ EPHEDRINE, administration & dosage/ EPINEPHRINE, administration & dosage/ *HEART BLOCK, etiology/ *HEART BLOCK, therapy/ HEART CATHETERIZATION/ HEART RATE/ HUMAN/ HYDROCORTISONE, therapeutic use/ ISOPROTERENOL, administration & dosage/ ISOPROTERENOL, therapeutic use/ MYOCARDIAL INFARCT, complications/ PACEMAKER, ARTIFICIAL/ PROGNOSIS/ PSYCHOSES, PRESENILE, complications/

SCLEROSIS/ SYNCOPE, complications/ TACHYCARDIA, complications

2853. **Rayner PH**: Androgens and growth.
Brit Med J 2:696, 14 Jun 69
*ANDROGENS, administration & dosage/ BONE AND BONES, drug effects/ CHILD/ *GROWTH, drug effects/ GROWTH DISORDERS, drug therapy/ HUMAN

2854. **Raz A, Goodman DS**: The interaction of thyroxine with human plasma prealbumin and with the prealbumin-retinol-binding protein complex.
J Biol Chem 244:3230-7, 25 Jun 69
AMINO ACIDS, analysis/ ANTIGENS/ *BLOOD PROTEINS/ BLOOD PROTEINS, analysis/ BLOOD PROTEINS, isolation & purification/ BUFFERS/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ DIALYSIS/ ELECTROPHORESIS/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HUMAN/ IMMUNE SERUMS/ IODINE ISOTOPES/ MOLECULAR WEIGHT/ PROTEIN BINDING/ *THYROXINE/ THYROXINE-BINDING PROTEIN/ ULTRACENTRIFUGATION/ *VITAMIN A

2855. **Re M, Bellocci M, Spera G**: Morphological in biopsy specimens of the testis.
Experientia 25:323-5, 15 Mar 69
ANIMAL EXPERIMENTS/ *BIOPSY/ MALE/ MICROSCOPY, ELECTRON/ RATS/ SERTOLI CELLS, cytology/ *TESTIS, anatomy & histology

2856. **Rebouillat J, Revelin P, Brault A**: Le traitement chirurgical des ostéogénèses imparfaites par ostéotomies étagées et embrochage diaphysaires.
Pediatrie 24:411-20, Jun 69 (Fre)
ADOLESCENCE/ *FRACTURE FIXATION/ HUMAN/ INFANT/ METHODS/ *OSTEOGENESIS IMPERFECTA, surgery/ *OSTEOTOMY

2857. **Redding TW, Schally AV**: Studies on the inactivation of thyrotropin-releasing hormone (TRH).
Proc Soc Exp Biol Med 131:415-20, Jun 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CEREBRAL CORTEX/ FEMALE/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ IODINE ISOTOPES/ KIDNEY/ LIVER/ METHODS/ MICE/ MUSCLES/ TEMPERATURE/ THYROTROPIN, blood/ *THYROTROPIN RELEASING FACTOR, analysis/ THYROTROPIN RELEASING FACTOR, antagonists & inhibitors/ TIME FACTORS/ TRIIODOTHYRONINE, pharmacodynamics

2858. **Redding TW, Schally AV**: Studies on the thyrotropin-releasing hormone (TRH) activity in peripheral blood.
Proc Soc Exp Biol Med 131:420-5, Jun 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ COLD/ FEMALE/ HYPOPHYSECTOMY/ IN VITRO/ IODINE ISOTOPES/ METHODS/ MICE/ PITUITARY GLAND, physiology/ RATS/ THYROID GLAND, physiology/ THYROIDECTOMY/ *THYROTROPIN RELEASING FACTOR, blood/ TRIIODOTHYRONINE, pharmacodynamics

2859. **Reed M**: Ovulation in the guinea-pig.
J Endocr 43:22-3, Jan 69
ANIMAL EXPERIMENTS/ ESTRUS/ FEMALE/ GUINEA PIGS/ *LH, pharmacodynamics/ LH, secretion/ NORETHANDROLONE, pharmacodynamics/ OVARY, drug effects/ *OVULATION, drug effects/ *PITUITARY HORMONE RELEASING FACTORS, physiology

2860. **Rees GP van**: Induction of ovulation in pseudopregnant rats. J Endocr 43:16-8, Jan 69
ANIMAL EXPERIMENTS/ ESTRUS/ FEMALE/ FSH, physiology/ *GONADOTROPINS, CHORIONIC, pharmacodynamics/ HYPOPHYSECTOMY/ OVARY, drug effects/ *OVULATION, drug effects/ PREGNANCY/ PROGESTERONE, pharmacodynamics/ *PSEUDOPREGNANCY

2861. **Rees JK, Coles GA**: Calciphylaxis in man.
Brit Med J 2:670-2, 14 Jun 69
ADULT/ *CALCIPHYLAXIS/ CALCIUM PHOSPHATES, blood/ HUMAN/ *IRON-DEXTRAN COMPLEX, adverse effects/ KIDNEY FAILURE, CHRONIC, drug therapy/ MALE/ NANDROLONE, therapeutic use/ PARATHYROID HORMONE, blood/ PREDNISONE, adverse effects/ THIGH, pathology/ THIGH, radiography/ UREMIA, drug therapy

2862. **Reichel O**: Maligne Neubildungen des Nebenhodens.
Z Urol 61:869-71, Dec 68 (Ger)
ADULT/ CARCINOMA, diagnosis/ *CARCINOMA, pathology/ *EPIDIDYMIS, pathology/ HUMAN/ MALE/ TESTICULAR NEOPLASMS, diagnosis/ *TESTICULAR NEOPLASMS, pathology

2863. **Reid IA, McDonald IR**: The renin-angiotensin system in a marsupial (Trichosurus vulpecula).
J Endocr 44:231-40, Jun 69
*ANGIOTENSIN, blood/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ FEMALE/ FUROSEMIDE, pharmacodynamics/ HEMORRHAGE/ HUMAN/ JUXTAGLOMERULAR APPARATUS, pathology/ KIDNEY, analysis/. MALE/ *MARSUPIALIA/ RENIN, analysis/ *RENIN, blood/ SODIUM, blood/ SODIUM, urine/ SODIUM CHLORIDE, pharmacodynamics/ TISSUE EXTRACTS

2864. **Reid S, Beischer NA, Brown JB, et al**: Urinary oestriol excretion in pregnancies complicated by proteinuria.
Aust New Zeal J Obstet Gynaec 8:189-96, Nov 68
*ESTRIOL, urine/ FEMALE/ HUMAN/ INFANT MORTALITY/ INFANT, NEWBORN/ KIDNEY FAILURE, CHRONIC, complications/ KIDNEY FAILURE, CHRONIC, urine/ PREGNANCY/ *PREGNANCY COMPLICATIONS, urine/ *PROTEINURIA, urine

2865. **Reidbord H, Fisher ER**: Aldosteronoma and nonfunctioning adrenal cortical adenoma. Comparative ultrastructural study.
Arch Path (Chicago) 88:155-61, Aug 69
*ADENOMA, pathology/ *ADRENAL GLAND NEOPLASMS, pathology/ ADULT/ ALDOSTERONE, secretion/ CYTOPLASM/ FEMALE/ HUMAN/ *HYPERALDOSTERONISM, etiology/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ MITOCHONDRIA

2866. **Reinhart JB, Drash AL**: Psychosocial dwarfism: environmentally induced recovery.
Psychosom Med 31:165-72, Mar-Apr 69
ADOLESCENCE/ ANXIETY/ CHILD/ CHILD DEVELOPMENT/ CHILD, PRESCHOOL/ *DWARFISM, PITUITARY/ *ENVIRONMENT/ FAMILY/ FEMALE/ *GROWTH/ GROWTH DISORDERS/ HUMAN/ INFANT/ INTELLIGENCE TESTS/ MATERNAL DEPRIVATION/ OBJECT ATTACHMENT/ *PSYCHOPHYSIOLOGIC DISORDERS/ TWINS

2867. **Reinharz A, Roth M**: Studies on renin with synthetic substrates. Europ J Biochem 7:334-9, Jan 69
AMINOPEPTIDASES/ ANIMAL EXPERIMENTS/ DOGS/ FLUORESCENCE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KIDNEY, enzymology/ MICE/ NAPHTHALENES/ *PEPTIDES/ PEPTIDES, chem synthesis/ RABBITS/ *RENIN/ SUBMANDIBULAR GLAND, enzymology/ SWINE/ TEMPERATURE/ TIME FACTORS/ ZINC

2868. **Reinheimer W**: Adipositas und Fettstoffwechsel.
Deutsch Med J 19:264-70, 20 Apr 68 (Ger)
*ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ DIABETES MELLITUS, metabolism/ *DIETARY FATS, metabolism/ HUMAN/ HYPERGLYCEMIA, metabolism/ HYPOTHALAMUS, pathology/ MICE/ *OBESITY, metabolism/ RATS

2869. **Reintoft I**: Idiopatisk hypertrofisk osteoartropati eller

pachydermoperiostosis.
Ugeskr Laeg 131:1134-6, 26 Jun 69 (Dan)
ACROMEGALY, diagnosis/ ADULT/ CHROMOSOMES/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HUMAN/ MALE/ OSTEITIS DEFORMANS, diagnosis/ *OSTEOARTHROPATHY, PRIMARY HYPERTROPHIC, diagnosis/ OSTEOARTHROPATHY, SECONDARY HYPERTROPHIC, diagnosis/ SOMATOTROPIN, blood

2870. **Reis DJ, Corvelli A, Conners J:** Circadian and ultradian rhythms of serotonin regionally in cat brain.
J Pharmacol Exp Ther 167:328-33, Jun 69
ANIMAL EXPERIMENTS/ *BRAIN CHEMISTRY/ CATS/ *CIRCADIAN RHYTHM/ NOREPINEPHRINE, analysis/ PINEAL BODY, analysis/ *SEROTONIN, analysis/ SEX FACTORS/ SPINAL CORD, analysis

2871. **Reiter RJ:** Relationships among the pineal gland, the photoperiod, olfaction and reproduction in female rats. J Reprod Fertil 18:152, Feb 69
ANIMAL EXPERIMENTS/ ANOSMIA, etiology/ BLINDNESS, etiology/ FEMALE/ *PINEAL BODY, physiology/ *PUBERTY/ RATS/ *SMELL/ STERILITY, FEMALE, chemically induced/ TESTOSTERONE/ VAGINAL SMEARS/ *VISION

2872. **Reitz RE, Pollard JJ, Wang CA, et al:** Localization of parathyroid adenomas by selective venous catheterization and radioimmunoassay.
New Eng J Med 281:348-51, 14 Aug 69
ADENOMA, blood/ *ADENOMA, diagnosis/ ADENOMA, radiography/ ADENOMA, surgery/ ANIMAL EXPERIMENTS/ *CATHETERIZATION/ CATTLE/ HUMAN/ HYPERPARATHYROIDISM, diagnosis/ IMMUNE SERUMS/ INNOMINATE VEIN/ JUGULAR VEIN/ METHODS/ *PARATHYROID HORMONE, blood/ PARATHYROID NEOPLASMS, blood/ *PARATHYROID NEOPLASMS, diagnosis/ PARATHYROID NEOPLASMS, radiography/ PARATHYROID NEOPLASMS, surgery/ RADIOIMMUNOASSAY/ SUBCLAVIAN VEIN/ VENA CAVA, INFERIOR/ VENA CAVA, SUPERIOR

2873. **Rembiesa R, Marchut M:** Suppression of adrenal metabolism of 4-14C-progesterone by testosterone-oxime and 17a-methyltestosterone-oxime in vitro.
Biochem Pharmacol 18:701-6, Apr 69
*ADRENAL GLANDS, metabolism/ ALDOSTERONE, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CASTRATION/ CHROMATOGRAPHY, THIN LAYER/ DESOXYCORTICOSTERONE, metabolism/ 17-HYDROXYCORTICOSTEROIDS, metabolism/ IN VITRO/ MALE/ *METHYLTESTOSTERONE, pharmacodynamics/ *OXIMES, pharmacodynamics/ *PROGESTERONE, metabolism/ RATS/ *TESTOSTERONE, pharmacodynamics

2874. **Remizova IV:** Leĭkotsitarnye i glikemicheskie reaktsii organizma pri lokal'nom odnokratno i drobnom obluchenii. Radiobiologiia 7:417-21, May-Jun 67 (Rus)
ANIMAL EXPERIMENTS/ *BLOOD SUGAR, radiation effects/ *LEUKOCYTES, radiation effects/ MALE/ *PITUITARY-ADRENAL SYSTEM, radiation effects/ RABBITS/ *RADIATION EFFECTS

2875. **Rémy C, Croizet M:** Métabolisme thyroïdien des têtards, d'Alytes obstetricans hypophysectomisés.
J Physiol (Paris) 59:Suppl:286, 1967 (Fre)
ANIMAL EXPERIMENTS/ *HYPOPHYSECTOMY/ INJECTIONS, INTRAPERITONEAL/ IODINE ISOTOPES/ *THYROID GLAND, metabolism/ *TOADS

2876. **Rentiers PK, Harris GS:** The role of photocoagulation in therapy of proliferative diabetic retinopathy.
Trans Pacif Coast Otoophthal Soc 49:317-31, 1968
*DIABETIC RETINOPATHY, surgery/ FOLLOW-UP STUDIES/ *LIGHT COAGULATION/ *PITUITARY GLAND IRRADIATION

2877. **Repetto S, Rezzonico A, Gervasini N:** Sulla terapia dei disturbi di conduzione atrio-ventricolare.
Minerva Med 60:2555-62, 27 Jun 69 (Ita)
*ADAMS-STOKES SYNDROME, drug therapy/ *ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ AGED/ *ATROPINE, therapeutic use/ *DIGITALIS GLYCOSIDES, therapeutic use/ *EDTA, therapeutic use/ FEMALE/ *HEART BLOCK, drug therapy/ HEART BLOCK, surgery/ HUMAN/ *LACTATES, therapeutic use/ MALE/ MIDDLE AGE/ *PACEMAKER, ARTIFICIAL/ *PROCAINE AMIDE, therapeutic use/ *QUINIDINE, therapeutic use/ *SYMPATHOMIMETICS, therapeutic use

2878. **Repin IS, Kratskin IL:** K analizu gipotalamicheskikh mekhanizmov likhoradochnoĭ reaktsii.
Fiziol Zh SSSR Sechenov 53:1206-11, Oct 67 (Rus)
ANIMAL EXPERIMENTS/ *BODY TEMPERATURE REGULATION/ *CEREBRAL CORTEX, physiology/ ENGLISH ABSTRACT/ *FEVER, chemically induced/ *HYPOTHALAMUS, physiology/ MESENCEPHALON, physiology/ *POLYSACCHARIDES, BACTERIAL, pharmacodynamics/ PYROGENS/ RABBITS/ RETICULAR FORMATION, physiology/ THALAMUS, physiology/ VISION

2879. **Rerrick EG:** Klinefelter's syndrome variant, XXXX-XXXXY mosaic.
J Maine Med Ass 60:90-3, Apr 69
CHILD/ HUMAN/ *KLINEFELTER'S SYNDROME, familial & genetic/ MALE/ *MOSAICISM

2880. **Retel-Laurentin A:** Foyers de rickettsioses et de tréponématoses dans l'Est Centrafricain (Bangassou, 1966) Bull Soc Path Exot 61:321-39, 1968 (Fre)
*ABORTION, etiology/ ADOLESCENCE/ ADULT/ AGE FACTORS/ CENTRAL AFRICAN REPUBLIC/ CHILD/ CHILD, PRESCHOOL/ DIET/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ GOITER, occurrence/ HUMAN/ MALARIA, occurrence/ MALE/ MICE/ MIDDLE AGE/ PREGNANCY/ Q FEVER, occurrence/ RATS/ RICKETTSIAL DISEASES, complications/ *RICKETTSIAL DISEASES, occurrence/ SERODIAGNOSIS/ SEX FACTORS/ SKIN TESTS/ STERILITY, FEMALE, etiology/ SYPHILIS, occurrence/ TREPONEMAL INFECTIONS, complications/ *TREPONEMAL INFECTIONS, occurrence/ TYPHUS, occurrence/ TYPHUS, MURINE, occurrence/ YAWS, occurrence

2881. **Rett A, Kahlich-Koenner DM, Madl W:** Klinische und anthropologische Untersuchungen zum Rubinstein-Taybi-Syndrom.
Wien Med Wschr 119:378-83, 10 May 69 (Ger)
*ABNORMALITIES, MULTIPLE/ ABNORMALITIES, MULTIPLE, diagnosis/ ADOLESCENCE/ ANTHROPOMETRY/ *BONE AND BONES, abnormalities/ CHILD/ DERMATOGLYPHICS/ DIAGNOSIS, DIFFERENTIAL/ *FACE, abnormalities/ FEMALE/ HUMAN/ MALE/ MENTAL RETARDATION/ MENTAL RETARDATION, diagnosis

2882. **Reuber MD:** Influence of hormones on N-2-fluorenyldiacetamide-induced hyperplastic hepatic nodules in rats.
J Nat Cancer Inst 43:445-52, Aug 69
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CARCINOGENS/ CASTRATION/ CORTISONE, pharmacodynamics/ DESOXYCORTICOSTERONE, pharmacodynamics/ DIETHYLSTILBESTROL, pharmacodynamics/ *FLUORENES/ *HEPATOMA, chemically induced/ HYPOPHYSECTOMY/ LIVER, pathology/ *LIVER DISEASES, chemically induced/ MALE/ *NEOPLASMS, EXPERIMENTAL,

chemically induced/ NEOPLASMS, EXPERIMENTAL, pathology/ PITUITARY GLAND, physiology/ *PRECANCEROUS CONDITIONS, chemically induced/ PRECANCEROUS CONDITIONS, pathology/ RATS/ TESTIS, physiology/ *TESTOSTERONE, pharmacodynamics/ THYROID GLAND, physiology/ THYROIDECTOMY

2883. **Reviakina MA**: Velichina sutochnoi ékskretsii 17-oksikortikosteroidov s mochoi u zdorovykh detei. Pediatriia 47:76-7, Feb 68 **(Rus)**
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ CIRCADIAN RHYTHM/ FEMALE/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, urine/ MALE

2884. **Reviczky AL, Szántó L**: A simple method for thyrotropic hormone assay.
Acta Physiol Acad Sci Hung 35:167-72, 1969
ANIMAL EXPERIMENTS/ CHICK EMBRYO/ IODINE ISOTOPES/ METHODS/ RADIOAUTOGRAPHY/ *THYROID GLAND, metabolism/ *THYROTROPIN, analysis/ THYROTROPIN, blood

2885. **Reynolds JW, Wiqvist N, Diczfalusy E**: Formation of 16-dehydroprogesterone by the midgestation human placenta in vivo.
Biochim Biophys Acta 176:886-8, 10 Jun 69
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHROMATOGRAPHY, PAPER/ CRYSTALLIZATION/ FEMALE/ *PLACENTA, metabolism/ PREGNANCY/ PREGNANES, biosynthesis/ *PREGNANES, metabolism/ SOLVENTS/ STEROLS, metabolism/ TIME FACTORS/ TRITIUM

2886. **Reynolds WA, Pitkin RM, Hodari AA**: Transfer of iodide into amniotic fluid by the normal and the nephrectomized subhuman primate fetus.
Amer J Obstet Gynec 104:633-41, 1 Jul 69
*AMNIOTIC FLUID, analysis/ ANIMAL EXPERIMENTS/ FEMALE/ *FETUS, surgery/ *IODIDES, metabolism/ IODINE ISOTOPES/ IODOPYRACET/ MATERNAL-FETAL EXCHANGE/ MONKEYS/ *NEPHRECTOMY/ PREGNANCY

2887. **Rezanov II**: K gigienicheskoi otsenke khronicheskogo vozdeistvila prirodnogo urana na funktsional'noe sostoianie shchitovidnoi zhelezy.
Gig Sanit 33:48-52, Aug 68 **(Rus)**
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ FEMALE/ GENITALIA, FEMALE, radiation effects/ *PARATHYROID GLANDS, radiation effects/ *RADIATION EFFECTS/ RATS/ *THYROID GLAND, radiation effects/ *URANIUM, adverse effects/ *WATER POLLUTION, RADIOACTIVE

2888. **Riabinina MA**: Sravnitel'nyi éffekt poliarizatsii retikuliarnoi formatsii i mindalevidnogo kompleksa u narkotizirovannogo krolika.
Fiziol Zh SSSR Sechenov 54:906-12, Aug 68 **(Rus)**
*AMYGDALOID BODY, physiology/ ANIMAL EXPERIMENTS/ ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ *EVOKED POTENTIALS/ LOCOMOTION/ RABBITS/ RESPIRATION/ *RETICULAR FORMATION, physiology/ *SLEEP/ SLEEP STAGES

2889. **Rice BF, Barclay DL, Sternberg WH**: Luteoma of pregnancy: steroidogenic and morphologic considerations.
Amer J Obstet Gynec 104:871-8, 15 Jul 69
ADULT/ ANDROSTANES, biosynthesis/ CARBON ISOTOPES/ CHROMATOGRAPHY, PAPER/ DIHYDROXYPROGESTERONE, biosynthesis/ FEMALE/ HUMAN/ IN VITRO/ *OVARIAN NEOPLASMS/ OVARIAN NEOPLASMS, metabolism/ OVARIAN NEOPLASMS, pathology/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ PREGNANCY COMPLICATIONS, pathology/ PROGESTATIONAL HORMONES, biosynthesis/ PROGESTERONE, analysis/ *THECA CELL TUMOR/ THECA CELL TUMOR, metabolism/ THECA CELL TUMOR, pathology/ TRITIUM

2890. **Rich K, Weber R**: Die Metamorphosereaktion bei Xenopuslarven nach kurzfristiger Thyroxinbehandlung.
Rev Suisse Zool 75:650-60, Sep 68 **(Ger)**
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *METAMORPHOSIS, BIOLOGICAL, drug effects/ *THYROXINE, pharmacodynamics/ *TOADS, embryology

2891. **Richard A**: Die Behandlung der traumatischen Fingersteife. Med Welt 3:186, 20 Jan 68 **(Ger)**
*ADRENAL CORTEX HORMONES, administration & dosage/ ATROPHY/ *CONTRACTURE, therapy/ *FINGER JOINT/ HUMAN/ INJECTIONS/ *LIGAMENTS, ARTICULAR/ SUSPENSIONS

2892. **Richardson JA, Herron G, Reitz R, et al**: Ischemic ulcerations of skin and necrosis of muscle in azotemic hyperparathyroidism.
Ann Intern Med 71:129-38, Jul 69
ADULT/ ARTERIES, pathology/ *CALCINOSIS, complications/ CALCINOSIS, etiology/ CALCINOSIS, pathology/ CALCIUM, blood/ CASE REPORT/ FEMALE/ HUMAN/ *HYPERPARATHYROIDISM, complications/ HYPERPARATHYROIDISM, pathology/ *ISCHEMIA, etiology/ KIDNEY, transplantation/ *MUSCLES, blood supply/ MUSCLES, pathology/ *MUSCULAR DISEASES, etiology/ MUSCULAR DISEASES, pathology/ NECROSIS, etiology/ PARATHYROID HORMONE, secretion/ RADIOIMMUNOASSAY/ SKIN, pathology/ *SKIN ULCER, etiology/ SKIN ULCER, pathology/ TRANSPLANTATION, HOMOLOGOUS/ *UREMIA, complications

2893. **Richart R, Ludwig AS Jr**: Alterations in chromosomes and DNA content in gynecologic neoplasms.
Amer J Obstet Gynec 104:463-71, 15 Jun 69 (53 ref.)
CERVIX NEOPLASMS, familial & genetic/ CHORIOCARCINOMA, familial & genetic/ *CHROMOSOME ABERRATIONS/ *DNA, NEOPLASM, metabolism/ FEMALE/ *GYNECOLOGIC NEOPLASMS, familial & genetic/ HUMAN/ HYDATIDIFORM MOLE, familial & genetic/ OVARIAN NEOPLASMS, familial & genetic/ PREGNANCY/ REVIEW/ TERATOID TUMOR, familial & genetic/ TURNER'S SYNDROME, familial & genetic/ UTERINE NEOPLASMS, familial & genetic

2894. **(Richet C), Laroche G**: Charles Richet (1882-1967)
Ann Endocr (Paris) 29:397-8, Jul-Aug 68 **(Fre)**
CURRENT BIOG-OBIT/ ENDOCRINOLOGY, history/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT.

2895. **Richet G, Hornych A**: The effect of an expansion of extracellular fluids on net Na flux in the jejunum of rats. An experimental model for the study of the third factor. Nephron 6:365-78, 1969
ALDOSTERONE, pharmacodynamics/ ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BIOLOGICAL TRANSPORT, drug effects/ *EXTRACELLULAR SPACE, physiology/ INFUSIONS, PARENTERAL/ *ISOTONIC SOLUTIONS, pharmacodynamics/ *JEJUNUM, metabolism/ KIDNEY TUBULES, physiology/ MALE/ MODELS, BIOLOGIC/ RATS/ *SODIUM, metabolism/ SODIUM CHLORIDE, pharmacodynamics

2896. **Richier JL, Guérin D, Leblay R, et al**: Activité thérapeutique de l'alpha-tocophéryl-quinone sur les désordres musculaires de l'hyperthyroïdie et des traitements prolongés par les corticoïdes et les antimitotiques.
Sem Hop Paris 45:1406-12, 26 Apr 69 **(Fre)**
*ADRENAL CORTEX HORMONES, adverse effects/ ADULT/ AGED/ *ANTINEOPLASTIC AGENTS, adverse effects/ ASTHENIA, chemically induced/ BUSULFAN, adverse effects/ CHLORAMBUCIL, adverse effects/ COBALT ISOTOPES, adverse effects/ CONTRACTURE, chemically induced/

CORTISONE, adverse effects/ CYCLOPHOSPHAMIDE, adverse effects/ DERMATOMYOSITIS, drug therapy/ EMACIATION, chemically induced/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, complications/ MALE/ MIDDLE AGE/ MUSCULAR ATROPHY, chemically induced/ *MUSCULAR ATROPHY, drug therapy/ MUSCULAR DYSTROPHY, chemically induced/ *MUSCULAR DYSTROPHY, drug therapy/ PREDNISONE, adverse effects/ VINBLASTINE, adverse effects/ VINCRISTINE, adverse effects/ *VITAMIN E, therapeutic use

2897. **Richter HR, Raymond JE:** A propos de l'évolution du petit-mal. Rev Otoneuroophtal 40:320-3, Nov 68 **(Fre)**
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ ELECTROENCEPHALOGRAPHY/ *EPILEPSY, PETIT MAL/ FEMALE/ HUMAN/ MALE/ PUBERTY

2898. **Richter RH:** Probleme der oralen Kontrazeption mit besonderer Berücksichtigung der Entwickulung, der Wirkungsweise und der Wirksamkeit der heute verwendeten Präparate.
Ther Umsch 24:218-25, Jun 67 **(Ger)**
ADULT/ CHEMISTRY/ *CONTRACEPTIVES, ORAL/ CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ HUMAN/ POPULATION GROWTH/ *PROGESTATIONAL HORMONES/ PROGESTATIONAL HORMONES, pharmacodynamics

2899. **Rickard CG, Post JE, Noronha F, et al:** A transmissible virus-induced lymphocytic leukemia of the cat.
J Nat Cancer Inst 42:987-1014, Jun 69
AGE FACTORS/ ANIMAL EXPERIMENTS/ BONE MARROW, pathology/ CATS/ CYTOPATHOGENIC EFFECT, VIRAL/ LEUKEMIA, EXPERIMENTAL, microbiology/ *LEUKEMIA, LYMPHOCYTIC, microbiology/ LEUKEMIA, LYMPHOCYTIC, pathology/ *LEUKEMOGENIC VIRUSES/ LIPOSARCOMA, etiology/ LIPOSARCOMA, pathology/ LYMPH NODES, pathology/ LYMPHOMA, etiology/ LYMPHOMA, pathology/ MICROSCOPY, ELECTRON/ THYMUS GLAND, pathology/ THYMUS NEOPLASMS, etiology/ TISSUE CULTURE

2900. **Rickers K, Krone HA:** Das elektronenmikroskopische Bild der Epithelzelle der Uterusschleimbhaut beim experimentellen Zyklus an der kastrierten weiblichen Ratte.
Beitr Path Anat 136:180-208, 1967 **(Ger)**
ANIMAL EXPERIMENTS/ CASTRATION/ *ENDOMETRIUM, cytology/ ENGLISH ABSTRACT/ *EPITHELIUM, cytology/ ESTROGENS, pharmacodynamics/ *ESTRUS/ FEMALE/ *MICROSCOPY, ELECTRON/ RATS/ VAGINAL SMEARS

2901. **Rickles N, Zilberstein Z, Kraus S, et al:** Persistence of group A streptococci labeled with fluorescein isothiocyanate in inflammatory sites in the heart and muscle of mice and rabbits.
Proc Soc Exp Biol Med 131:525-30, Jun 69
ANIMAL EXPERIMENTS/ *FLUORESCEINS/ *FLUORESCENT ANTIBODY TECHNIC/ *HEART, microbiology/ HISTIOCYTES/ L FORMS/ METHODS/ MICE/ MICROSCOPY, FLUORESCENCE/ *MUSCLES, microbiology/ PHAGOCYTOSIS/ RABBITS/ *STREPTOCOCCAL INFECTIONS, microbiology/ *THIOCYANATES

2902. **Ricotti V, Milani O, Di Marco N:** La captazione e la scintigrafia tiroidea nello studio delle tireopatie. Distribuzione geografica nella provincia di Pavia.
Arch Sci Med (Torino) 125:570-9, Nov 68 **(Ita)**
ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INFANT/ IODINE, metabolism/ IODINE ISOTOPES, DIAGNOSTIC/ ITALY/ MALE/ MIDDLE AGE/ *THYROID DISEASES, diagnosis/ THYROID DISEASES, occurrence/ THYROID GLAND, metabolism/ THYROID GLAND FUNCTION TESTS

2903. **Riley DR, Harrill I, Gifford ED:** Influence of zinc and vitamin D on plasma amino acids and liver xanthine oxidase in rats. J Nutr 98:351-5, Jul 69
*AMINO ACIDS, blood/ ANIMAL EXPERIMENTS/ AUTOANALYSIS/ CASEIN/ DEPRESSION, CHEMICAL/ DIET/ *DIETARY PROTEINS/ ERGOCALCIFEROL, pharmacodynamics/ HISTIDINE, blood/ ISOLEUCINE, blood/ LEUCINE, blood/ *LIVER, enzymology/ LYSINE, blood/ MALE/ METHIONINE, blood/ PHENYLALANINE, blood/ RATS/ STIMULATION, CHEMICAL/ THREONINE, blood/ VITAMIN D DEFICIENCY, enzymology/ *VITAMIN D DEFICIENCY, metabolism/ *XANTHINE OXIDASE, metabolism/ *ZINC, pharmacodynamics

2904. **Riley K:** Flurandrenolone (Cordran) tape as occlusive therapy. J S Carolina Med Ass 65:171-2, May 69
ADOLESCENCE/ ADULT/ AGED/ CHILD/ DERMATITIS, ATOPIC, drug therapy/ FEMALE/ *FLURANDRENOLONE, administration & dosage/ HUMAN/ LICHEN PLANUS, drug therapy/ *LUPUS ERYTHEMATOSUS, DISCOID, drug therapy/ MALE/ MIDDLE AGE/ *OCCLUSIVE DRESSINGS/ *PSORIASIS, drug therapy/ *SKIN DISEASES, drug therapy

2905. **Rilliet B, Monnier J:** Etude de la lipémie chez des personnes âgées et de l'action hypolipémiante d'un dérivé du clofibrate chez deux groupes de sujets.
Praxis 58:815-20, 24 Jun 69 **(Fre)**
ADULT/ AGED/ AGING/ *ANDROSTERONE, therapeutic use/ *ANTICHOLESTEREMIC AGENTS, therapeutic use/ *BUTYRATES, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERLIPEMIA, drug therapy/ MALE/ MIDDLE AGE

2906. **Rinaudo MT, Giunta C, Bruno R, et al:** Carbohydrate metabolism in normal and thyroidectomized Bufo bufo adult males.
Comp Biochem Physiol 29:1079-86, Jun 69
ALDEHYDE-LYASES, metabolism/ ANIMAL EXPERIMENTS/ BLOOD SUGAR, metabolism/ *CARBOHYDRATES, metabolism/ GLUCOSE, metabolism/ GLUCOSYLTRANSFERASES, metabolism/ GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE, metabolism/ GLYCOGEN, metabolism/ HEXOKINASE, metabolism/ IODINE ISOTOPES/ ISOMERASES, metabolism/ LACTATE DEHYDROGENASE, metabolism/ LACTATES, biosynthesis/ LIVER, enzymology/ LIVER, metabolism/ MALE/ OXYGEN, pharmacodynamics/ PHOSPHOFRUCTOKINASE, metabolism/ PHOSPHOGLUCOMUTASE, metabolism/ PHOSPHOGLYCERATE KINASE, metabolism/ PYRUVATE KINASE, metabolism/ *THYROID GLAND, physiology/ THYROIDECTOMY/ TOADS/ TRIOSES

2907. **Ringleb D:** Untersuchungen zum Verständnis der Problematik radiologisch-zytostatischer Kombinationsbehandlung. I.
Strahlentherapie 135:597-601, May 68 **(Ger)**
ANIMAL EXPERIMENTS/ *ANTINEOPLASTIC AGENTS, pharmacodynamics/ ANTINEOPLASTIC AGENTS, therapeutic use/ CLINICAL RESEARCH/ CYCLOPHOSPHAMIDE, pharmacodynamics/ MALE/ MICE/ NEOPLASMS, radiotherapy/ ORGAN WEIGHT/ *RADIATION EFFECTS/ REVIEW/ *TESTIS, drug effects/ *TESTIS, radiation effects

2908. **Rinne UK:** Adrenocorticotrophic potency of long-acting corticotrophin preparations during long-term treatment of neurological patients.
Ann Med Intern Fenn 57:167-72, 1968
ADOLESCENCE/ *ADRENAL GLANDS, drug effects/ ADULT/ *CORTICOTROPIN, administration & dosage/ *CORTICOTROPIN, pharmacodynamics/ FEMALE/ GELATIN/ HUMAN/ HYDROXIDES/ 17-HYDROXYCORTICOSTEROIDS, urine/ 17-KETOSTEROIDS, urine/ LONG TERM CARE/ MALE/ METHYLCELLULOSE/ MIDDLE AGE/ *MULTIPLE SCLEROSIS, drug

therapy/ PHLORETIN/ PHOSPHATES/ *POLYRADICULITIS, drug therapy/ TIME FACTORS/ *VEHICLES/ ZINC

2909. **Rinne UK, Tuovinen T**: Electrophysiological studies on peripheral nervous function in multiple sclerosis.
Ann Med Intern Fenn 57:173-7, 1968
ACUTE DISEASE/ ADULT/ CHRONIC DISEASE/ CORTICOTROPIN, therapeutic use/ *EVOKED POTENTIALS/ EXTREMITIES, innervation/ FEMALE/ FOLIC ACID, blood/ HUMAN/ MALE/ METHODS/ MOTOR ACTIVITY/ MULTIPLE SCLEROSIS, drug therapy/ *MULTIPLE SCLEROSIS, physiopathology/ *NEURAL CONDUCTION/ *PERIPHERAL NERVES, physiology/ VITAMIN B 12, blood

2910. **Riscalla P**: Factors acting on the jaw growth.
Rev Dent Liban 19:86-94, Apr-Jun 69
ANIMAL EXPERIMENTS/ DOGS/ ENDOCRINE DISEASES/ ENDOCRINE GLANDS, physiology/ HUMAN/ *JAW ABNORMALITIES, familial & genetic/ MANDIBLE, growth & development/ MAXILLA, growth & development/ *MAXILLOFACIAL DEVELOPMENT

2911. **Ritzel R, Vetter GW**: Erfahrungen mit Delta-Tomanol, einem neuen kombinierten Antirheumatikum.
Deutsch Med J 19:800-2, 20 Nov 68 (Ger)
DRUG SYNERGISM/ HUMAN/ *ISONIAZID, therapeutic use/ *PHENYLBUTAZONE, therapeutic use/ *PREDNISOLONE, therapeutic use/ *RHEUMATISM, drug therapy

2912. **Ritzl F, Kasperek K**: Aktivierungsanalyse resorbierter Elemente mit angereicherten stabilen Isotopen.
Elektromedizin 12:236-9, Nov 67 (Ger)
*ACTIVATION ANALYSIS/ CALCIUM, blood/ *CALCIUM, metabolism/ *CALCIUM ISOTOPES, diagnostic use/ HUMAN

2913. **Rivlin RS, Wolf G**: Diminished responsiveness to thyroid hormone in riboflavin-deficient rats.
Nature (London) 223:516-7, 2 Aug 69
ANIMAL EXPERIMENTS/ FAD, pharmacodynamics/ GLYCEROLPHOSPHATE DEHYDROGENASE, metabolism/ *HYPOTHYROIDISM, enzymology/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ MITOCHONDRIA, LIVER, enzymology/ RATS/ *RIBOFLAVIN DEFICIENCY, enzymology/ *TRIIODOTHYRONINE, pharmacodynamics

2914. **Robbins RC, Morrison LM, Simpson CF**: Effect of chondroitin sulfate A and flavonoids on hypervitaminosis D in rats.
Proc Soc Exp Biol Med 131:719-22, Jul 69
ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ AORTA, pathology/ *BIOFLAVONOIDS, pharmacodynamics/ BLOOD SEDIMENTATION/ BODY WEIGHT/ CALCINOSIS, pathology/ CHOLESTEROL, blood/ *CHONDROITIN, pharmacodynamics/ CORONARY VESSELS, pathology/ *ERGOCALCIFEROL, toxicity/ FEMALE/ HEMATOCRIT/ NECROSIS/ NEPHROCALCINOSIS, pathology/ RATS/ *RUTIN, pharmacodynamics

2915. **Roberts MM, Richards SH, Gleave EN, et al**: A controlled clinical trial to compare transethidal hypophysectomy with yttrium implant of the pituitary in the treatment of advanced breast cancer.
Brit J Surg 56:615-6, Aug 69
BREAST NEOPLASMS, mortality/ *BREAST NEOPLASMS, therapy/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ *HYPOPHYSECTOMY/ *PITUITARY GLAND IRRADIATION/ *YTTRIUM ISOTOPES, therapeutic use

2916. **Roberts RC, Nikolai TF**: Assay of thyroxine-binding globulin by polyacrylamide electrophoresis: normal values. Clin Chem 15:367-75, May 69
ACRYLIC RESINS/ BLOOD PROTEIN ELECTROPHORESIS/ ESTROGENS, pharmacodynamics/ FEMALE/ HUMAN/ IODINE ISOTOPES/ MALE/ PROTEIN-BOUND IODINE TEST/ SERUM ALBUMIN, blood/ SERUM GLOBULIN, blood/ SEX FACTORS/ *THYROXINE-BINDING PROTEIN, blood/ TRITIUM

2917. **Roberts WW, Bergquist EH, Robinson TC**: Thermoregulatory grooming and sleep-like relaxation induced by local warming of preoptic area and anterior hypothalamus in opossum.
J Comp Physiol Psychol 67:182-8, Feb 69
AGGRESSION/ ANIMAL EXPERIMENTS/ ELECTRIC STIMULATION/ FEMALE/ *GROOMING/ *HYPOTHALAMUS, physiology/ MALE/ *NEURONS/ OPOSSUMS/ *RADIO WAVES/ *RELAXATION/ SEX BEHAVIOR, ANIMAL

2918. **Robertson AA, Hodge JV, Laverty R, et al**: Tissue catecholamine levels in normotensive, genetically hypertensive and renal hypertensive rats.
Aust J Exp Biol Med Sci 46:689-96, Dec 68
ANIMAL EXPERIMENTS/ BRAIN CHEMISTRY/ BRAIN STEM, analysis/ *CATECHOLAMINES, analysis/ CAUDATE NUCLEUS, analysis/ CEREBELLUM, analysis/ DOPAMINE, analysis/ *HYPERTENSION, metabolism/ *HYPERTENSION, RENAL, metabolism/ HYPOTHALAMUS, analysis/ LIVER, analysis/ MALE/ MUSCLES, analysis/ MYOCARDIUM, analysis/ NOREPINEPHRINE, analysis/ RATS/ SPLEEN, analysis

2919. **Robinson A**: Sex differences in development.
Develop Med Child Neurol 11:245-6, Apr 69
ABNORMALITIES, occurrence/ ADULT/ *CHILD DEVELOPMENT/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ MORBIDITY/ MORTALITY/ NERVOUS SYSTEM DISEASES, occurrence/ SEX CHROMOSOMES/ SEX FACTORS

2920. **Robinson IM**: Effects of some organotin compounds on tissue amine levels in rats.
Food Cosmet Toxic 7:47-52, Jan 69
ADRENAL GLANDS, analysis/ ADRENAL GLANDS, secretion/ ANIMAL EXPERIMENTS/ BRAIN CHEMISTRY/ *EPINEPHRINE, analysis/ EPINEPHRINE, secretion/ FEMALE/ MYOCARDIUM, analysis/ *NOREPINEPHRINE, analysis/ NOREPINEPHRINE, secretion/ *ORGANOMETALLIC COMPOUNDS, toxicity/ RATS/ *SEROTONIN, analysis/ *TIN, toxicity

2921. **Robson GS, Mackay IR**: Generalized cytomegalovirus infection in a patient with lupoid hepatitis.
Aust Ann Med 18:147-50, May 69
ADULT/ AMINOTRANSFERASES, blood/ AUTOANTIBODIES, analysis/ AZATHIOPRINE, adverse effects/ *CYTOMEGALIC INCLUSION DISEASE, complications/ EDEMA, etiology/ ESOPHAGUS, pathology/ FEMALE/ HEMORRHAGE, etiology/ *HEPATITIS, complications/ HEPATITIS, drug therapy/ HUMAN/ LE CELLS/ LIVER, pathology/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ LYMPH NODES, pathology/ MEDIASTINUM/ MUSCLE, SMOOTH/ PNEUMONIA, INTERSTITIAL PLASMA CELL, pathology/ PREDNISOLONE, adverse effects

2922. **Rocha E Silva M Jr, Rosenberg M**: The release of vasopressin in response to haemorrhage and its role in the mechanism of blood pressure regulation.
J Physiol (London) 202:535-57, Jun 69
ANIMAL EXPERIMENTS/ *BLOOD PRESSURE/ BLOOD PRESSURE, drug effects/ CAROTID SINUS, physiology/ DOGS/ HEART RATE, drug effects/ *HEMORRHAGE, physiopathology/ HYPOPHYSECTOMY/ INJECTIONS, INTRAVENOUS/ RESERPINE, pharmacodynamics/ VAGOTOMY/ VASOPRESSIN, blood/ VASOPRESSIN, pharmacodynamics/ *VASOPRESSIN, secretion

2923. **Roche AF**: Sex-associated differences in skeletal maturity. Acta Anat (Basel) 71:321-40, 1968
ADOLESCENCE/ ANKLE, growth & development/ *BONE AND BONES, growth &

development/ CHILD/ CHILD, PRESCHOOL/ ELBOW, growth & development/ *EXTREMITIES, growth & development/ FEMALE/ FOOT, growth & development/ HAND, growth & development/ HUMAN/ INFANT/ INFANT, NEWBORN/ KNEE, growth & development/ MALE/ *SEX FACTORS/ WRIST, growth & development

2924. **Rockenschaub A:** Humangonadotropinbehandlung bei verminderter pituitary reserve.
Wien Klin Wschr 81:260, 4 Apr 69 (Ger)
FEMALE/ *GONADOTROPINS, therapeutic use/ GONADOTROPINS, CHORIONIC, therapeutic use/ HUMAN/ *HYPOPITUITARISM, drug therapy/ PREGNANCY/ *PUERPERAL DISORDERS, drug therapy/ SHEEHAN'S SYNDROME, drug therapy

2925. **Rockenschaub A:** Oxytocin als Buccaltablette in seiner Auswirkung auf geburtshilfliche Resultate.
Wien Klin Wschr 81:396-7, 23 May 69 (Ger)
COMPARATIVE STUDY/ FEMALE/ HUMAN/ INFANT MORTALITY/ INJECTIONS, INTRAVENOUS/ *LABOR COMPLICATIONS, drug therapy/ MATERNAL MORTALITY/ *OXYTOCIN, administration & dosage/ OXYTOCIN, adverse effects/ PREGNANCY/ TABLETS/ UTERINE RUPTURE, chemically induced

2926. **Rodriguez EM, La Pointe J:** Histology and ultrastructure of the neural lobe of the lizard, Klauberina riversiana. Z Zellforsch 95:37-57, 1969
ANIMAL EXPERIMENTS/ EPENDYMA, cytology/ EPENDYMA, physiology/ FEMALE/ HISTOLOGICAL TECHNICS/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, cytology/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ *LIZARDS, anatomy & histology/ MICROSCOPY, ELECTRON/ NERVE ENDINGS, cytology/ NERVE ENDINGS, physiology

2927. **Rodriguez-Soriano J, Edelmann CM Jr:** Renal tubular acidosis. Ann Rev Med 20:363-82, 1969 (158 ref.)
ACID-BASE EQUILIBRIUM/ ACIDOSIS, RENAL TUBULAR, classification/ ACIDOSIS, RENAL TUBULAR, diagnosis/ ACIDOSIS, RENAL TUBULAR, etiology/ *ACIDOSIS, RENAL TUBULAR, physiopathology/ ACIDOSIS, RENAL TUBULAR, therapy/ ADULT/ ANIMAL EXPERIMENTS/ BICARBONATES, blood/ BICARBONATES, metabolism/ BICARBONATES, therapeutic use/ BICARBONATES, urine/ CATARACT/ CHILD/ DOGS/ FANCONI SYNDROME, complications/ FANCONI SYNDROME, etiology/ FEMALE/ GLAUCOMA/ GLOMERULAR FILTRATION RATE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INFANT/ KIDNEY TUBULES, metabolism/ POTASSIUM, therapeutic use/ REVIEW/ SODIUM, therapeutic use

2928. **Rodriguez-Soriano J, Edelmann CM Jr:** Renal tubular acidosis. Ann Rev Med 20:363-82, 1969 (158 ref.)
ACID-BASE EQUILIBRIUM/ ACIDOSIS, RENAL TUBULAR, classification/ ACIDOSIS, RENAL TUBULAR, diagnosis/ ACIDOSIS, RENAL TUBULAR, etiology/ *ACIDOSIS, RENAL TUBULAR, physiopathology/ ACIDOSIS, RENAL TUBULAR, therapy/ ADULT/ ANIMAL EXPERIMENTS/ BICARBONATES, blood/ BICARBONATES, metabolism/ BICARBONATES, therapeutic use/ BICARBONATES, urine/ CATARACT/ CHILD/ DOGS/ FANCONI SYNDROME, complications/ FANCONI SYNDROME, etiology/ FEMALE/ GLAUCOMA/ GLOMERULAR FILTRATION RATE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INFANT/ KIDNEY TUBULES, metabolism/ MENTAL RETARDATION/ POTASSIUM, therapeutic use/ REVIEW/ SODIUM, therapeutic use

2929. **Roels OA:** The fifth decade of vitamin A research.
Amer J Clin Nutr 22:903-7, Jul 69
ANIMAL EXPERIMENTS/ CHEMISTRY/ ENZYMES/ GERM-FREE LIFE/ HUMAN/ RATS/ REPRODUCTION/ SOCIOECONOMIC FACTORS/ SURFACE PROPERTIES/ UNITED STATES/ VISION/ *VITAMIN A/ VITAMIN A, chem synthesis/ VITAMIN A, metabolism/ VITAMIN D DEFICIENCY

2930. **Roever S:** Clinical observations of vision abnormalities of patients taking oral contraceptives.
Amer J Optom 46:552-4, Jul 69
*ASTHENOPIA, etiology/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN

2931. **Rogoyski A, Trzcinska-Dabrowska Z:** Corticosteroid-induced cataract and palatoschisis in the mouse fetus. Amer J Ophthal 68:128-33, Jul 69
*ABNORMALITIES, DRUG-INDUCED/ ABORTION/ ANIMAL EXPERIMENTS/ *CATARACT, chemically induced/ CATARACT, pathology/ *CLEFT PALATE, chemically induced/ EYE, abnormalities/ EYE, drug effects/ FETUS, abnormalities/ FETUS, drug effects/ *HYDROCORTISONE, pharmacodynamics/ LENS, CRYSTALLINE, abnormalities/ LENS, CRYSTALLINE, drug effects/ LENS, CRYSTALLINE, pathology/ MICE/ PREGNANCY/ RETINA, abnormalities/ RETINA, pathology

2932. **Rohde W:** Zur Existenz und Bedeutung eines fettmobilisierenden Hypophysenvorderlappenhormons.
Z Ges Inn Med 23:689-95, 15 Nov 68 (145 ref.) (Ger)
ANIMAL EXPERIMENTS/ CATECHOLAMINES, metabolism/ DOGS/ FATTY ACIDS, NONESTERIFIED, metabolism/ GUINEA PIGS/ HUMAN/ INSULIN, metabolism/ *LIPIDS, metabolism/ MICE/ *PITUITARY HORMONES, ANTERIOR/ RABBITS/ RATS/ REVIEW/ SOMATOTROPIN, metabolism

2933. **Röher HD, Dörr D:** Rezidivprophylaxe nach Operation gutartigerSchilddrüsenerkrankungen.
Hippokrates 39:188-91, 15 Mar 68 (Ger)
GOITER, prevention & control/ GOITER, surgery/ HUMAN/ HYPERTHYROIDISM, prevention & control/ HYPERTHYROIDISM, surgery/ THYROID DISEASES, drug therapy/ THYROID DISEASES, prevention & control/ *THYROID DISEASES, surgery/ THYROID HORMONES, therapeutic use

2934. **Röhl L, Hochberg K:** Beitrag zur Klinik und Therapie der Hodentumoren. Urologe 7:311-5, Nov-Dec 68 (Ger)
ADOLESCENCE/ ADULT/ AGED/ *ANTINEOPLASTIC AGENTS, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ CHORIOCARCINOMA, therapy/ DISGERMINOMA, therapy/ HISTIOCYTOMA, therapy/ HUMAN/ INFANT/ LYMPH NODE EXCISION/ LYMPHATIC METASTASIS, surgery/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS, surgery/ PROGNOSIS/ SARCOMA, therapy/ SERTOLI CELL TUMOR, therapy/ TERATOID TUMOR, therapy/ TESTICULAR NEOPLASMS, drug therapy/ TESTICULAR NEOPLASMS, radiotherapy/ TESTICULAR NEOPLASMS, surgery/ *TESTICULAR NEOPLASMS, therapy

2935. **Roldan EC:** Rubinstein-Taybi syndrome.
J Maine Med Ass 60:81-9, Apr 69
*ABNORMALITIES, MULTIPLE/ ADOLESCENCE/ *BONE AND BONES, abnormalities/ CHILD/ *FACE, abnormalities/ HUMAN/ MALE/ MENTAL RETARDATION

2936. **Rolle J:** Beitrag zur Klinik und Therapie der Osteoporose. Med Welt 49:2724-6, Dec 68 (Ger)
*ANABOLIC STEROIDS, therapeutic use/ HUMAN/ *OSTEOPOROSIS, drug therapy/ OSTEOPOROSIS, radiography

2937. **Roman W:** Quantitative estimation of lactate dehydrogenase isoenzymes in serum. I. Review of methods and distribution in human tissues.
Enzymologia 36:189-219, 1969 (122 ref.)
BLOOD PROTEIN ELECTROPHORESIS/ BRAIN, enzymology/ COLORIMETRY/ DRUG

STABILITY/ ENDOCRINE GLANDS, enzymology/ ERYTHROCYTES, enzymology/ FEMALE/ HEAT/ HUMAN/ INTESTINES, enzymology/ KIDNEY, enzymology/ *LACTATE DEHYDROGENASE ISOENZYMES, blood/ LACTATE DEHYDROGENASE ISOENZYMES, isolation & purification/ LIVER, enzymology/ LUNG, enzymology/ LYMPH NODES, enzymology/ MALE/ MUSCLES, enzymology/ MYOCARDIUM, enzymology/ NAD/ PANCREAS, enzymology/ REVIEW/ SPECTROPHOTOMETRY

2938. **Romanoff LP, Baxter MN, Thomas AW, et al:** Effect of ACTH on the metabolism of pregnenolone-7 alpha-3H and cortisol-4-14C in young and elderly men.
J Clin Endocr 29:819-30, Jun 69
AGED/ *AGING/ CARBON ISOTOPES/ *CORTICOTROPIN, pharmacodynamics/ GLUCURONIDASE/ HUMAN/ *HYDROCORTISONE, metabolism/ INJECTIONS, INTRAVENOUS/ PREGNANES, biosynthesis/ PREGNANES, urine/ *PREGNENOLONE, metabolism/ STEROLS, biosynthesis/ STEROLS, urine/ TRITIUM

2939. **Rondinelli M, Bonzani A, Brandi L:** Il valore prognostico della gonadotropinia nella minaccia d'aborto. Riv Ital Ginec 51:709-18, Nov 67 **(Ita)**
*ABORTION/ *ABORTION, THREATENED, urine/ FEMALE/ GESTATIONAL AGE/ *GONADOTROPINS, CHORIONIC, urine/ HUMAN/ PREGNANCY

2940. **Rondini G, Belloni C, Paliucchini F:** Applicazione della cromatografia su strato sottile per la separazione e la determinazione, nelle urine, dell'etiocolanolone, dell'androsterone e del deidroepiandrosterone.
Minerva Pediat 19:1794-6, 29 Sep 67 **(Ita)**
*ANDROSTERONE, analysis/ ANDROSTERONE, urine/ *CHROMATOGRAPHY, THIN LAYER/ *DEHYDROEPIANDROSTERONE, analysis/ DEHYDROEPIANDROSTERONE, urine/ *ETIOCHOLANOLONE, analysis/ ETIOCHOLANOLONE, urine/ HUMAN/ METHODS

2941. **Rondini G, Belloni C:** L'impiego della cromaatografia su strato sottile per la determinazione degli steroidi estrogeni nelle urine.
Minerva Pediat 19:1796, 29 Sep 67 **(Ita)**
*CHROMATOGRAPHY, THIN LAYER/ *ESTRADIOL, urine/ *ESTRIOL, urine/ *ESTRONE, urine/ HUMAN/ METHODS

2942. **Rönnberg AL, Schwartz JC:** Répartition régionale de l'histamine dans le cerveau de rat.
C R Acad Sci [D] (Paris) 268:2376-9, 12 May 69 **(Fre)**
ANIMAL EXPERIMENTS/ *BRAIN CHEMISTRY/ BRAIN STEM, analysis/ CAUDATE NUCLEUS, analysis/ CEREBELLUM, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ FLUOROMETRY/ HIPPOCAMPUS, analysis/ *HISTAMINE, analysis/ HYPOTHALAMUS, analysis/ MESENCEPHALON, analysis/ ORGAN WEIGHT/ RATS

2943. **Rooij DG de, Kramer MF:** Spermatogonial stem cell renewal in the rat, mouse and golden hamster. A study with the alkylating agent myleran.
Z Zellforsch 92:400-5, 1968
ANIMAL EXPERIMENTS/ *BUSULFAN, pharmacodynamics/ HAMSTERS/ INJECTIONS, INTRAPERITONEAL/ MALE/ MICE/ MITOSIS, drug effects/ RADIOAUTOGRAPHY/ RATS/ *TESTIS, anatomy & histology/ TESTIS, drug effects/ THYMIDINE/ TRITIUM

2944. **Roos J:** Action exercée par des agents antiovulatoires, au stade prooestral du cycle ovarien, sur l'activité gonadotrope excrétrice des cellules beta et gamma de la préhypophyse, chez la ratte.
Z Zellforsch 95:347-60, 1969 **(Fre)**
ANIMAL EXPERIMENTS/ *ATROPINE, pharmacodynamics/ CIRCADIAN RHYTHM/ ENGLISH ABSTRACT/ FEMALE/ FSH, secretion/ LH, secretion/ *MEPROBAMATE, pharmacodynamics/ *OVULATION, drug effects/ PITUITARY GLAND, cytology/ *PITUITARY GLAND, drug effects/ PITUITARY GLAND, secretion/ RATS

2945. **Root AW, Smith GP, Dhariwal AP, et al:** Luteinizing hormone releasing activity of crude ovine hypothalamic extract in man.
Nature (London) 221:570-2, 8 Feb 69
ANIMAL EXPERIMENTS/ CHILD/ *CHROMOSOME ABNORMALITIES/ FEMALE/ HUMAN/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM/ INFANT/ *LH, blood/ MALE/ *PITUITARY HORMONE RELEASING FACTORS/ SHEEP/ *TISSUE EXTRACTS, pharmacodynamics

2946. **Rooyen AJ van:** Pregnancy and the lower urinary tract. I. A study of histological changes in the lower urinary tract during pregnancy.
S Afr Med J 43:749-53, 14 Jun 69
BIOPSY/ BLADDER, cytology/ COLLAGEN/ CONNECTIVE TISSUE, pathology/ ESTROGENS, physiology/ FEMALE/ HUMAN/ HYPERPLASIA/ HYPERTROPHY/ LIGAMENTS, cytology/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ PREGNANCY COMPLICATIONS, pathology/ PROGESTERONE, physiology/ PUBIC SYMPHYSIS, cytology/ RELAXIN, physiology/ URETHRA, cytology/ UROGENITAL SYSTEM, cytology/ UROGENITAL SYSTEM, pathology/ *UROGENITAL SYSTEM, physiology

2947. **Rosai J, Khodadoust K, Silber I:** Spermatocytic seminoma. II. Ultrastructural study.
Cancer 24:103-16, Jul 69
AGED/ BASEMENT MEMBRANE/ CELL NUCLEOLUS/ CELL NUCLEUS/ CHROMOSOMES/ *DISGERMINOMA, pathology/ GERM CELLS/ GOLGI APPARATUS/ HUMAN/ MALE/ MEIOSIS/ MICROSCOPY, ELECTRON/ SPERMATOZOA/ *TESTICULAR NEOPLASMS, pathology/ *TESTIS, pathology

2948. **Rosai J, Silber I, Khodadoust K:** Spermatocytic seminoma. I. Clinicopathologic study of six cases and review of the literature. Cancer 24:92-102, Jul 69
AGE FACTORS/ AGED/ CASTRATION/ DISGERMINOMA, diagnosis/ *DISGERMINOMA, pathology/ DISGERMINOMA, radiotherapy/ DISGERMINOMA, surgery/ HUMAN/ MALE/ MIDDLE AGE/ PROGNOSIS/ TESTICULAR NEOPLASMS, diagnosis/ *TESTICULAR NEOPLASMS, pathology/ TESTICULAR NEOPLASMS, radiotherapy/ TESTICULAR NEOPLASMS, surgery/ TESTIS, pathology

2949. **Rosas H, Bell MC:** Effects on swine of unilateral neutron irradiation, calcium, and zinc.
Radiat Res 39:164-75, Jul 69
ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ HEART, radiation effects/ KIDNEY, radiation effects/ LIVER, radiation effects/ *NEUTRONS/ ORGAN WEIGHT/ *RADIATION EFFECTS/ *RADIATION INJURY, EXPERIMENTAL, pathology/ SPLEEN, radiation effects/ SWINE/ *ZINC, metabolism/ ZINC ISOTOPES

2950. **Rose ME, Long PL:** Immunity to coccidiosis: gut permeability changes in response to sporozoite invasion. Experientia 25:183-4, 15 Feb 69
ANIMAL EXPERIMENTS/ BETAMETHASONE, pharmacodynamics/ CAPILLARY PERMEABILITY/ CHICKENS/ *COCCIDIOSIS, immunology/ DYES/ *INTESTINAL DISEASES, PARASITIC, physiopathology/ *PERMEABILITY

2951. **Rosenberg H, Munk N:** Transport phenomena associated with the deposition and disappearance of pyrophosphate granules in Tetrahymena pyriformis.
Biochim Biophys Acta 184:191-7, 17 Jun 69
ANIMAL EXPERIMENTS/ *BIOLOGICAL TRANSPORT/ CALCIUM, metabolism/ CALCIUM ISOTOPES/ MAGNESIUM, metabolism/ PHOSPHATES, pharmacodynamics/ PYROPHOSPHATASE, antagonists & inhibitors/ *PYROPHOSPHATES, metabolism/ TETRAHYMENA, drug effects/ *TETRAHYMENA, metabolism

2952. **Rosenbluth J:** Sarcoplasmic reticulum of an unusually fast-acting crustacean muscle.
J Cell Biol 42:534-47, Aug 69
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, ACTIVE/ CALCIUM, metabolism/ *CRUSTACEA/ IN VITRO/ MEMBRANES/ MICROSCOPY, ELECTRON/ *MUSCLE CONTRACTION/ *MUSCLES, cytology/ MUSCLES, physiology/ *MYOFIBRILS/ MYOFIBRILS, physiology/ SURFACE PROPERTIES

2953. **Rosenfeld PS, Wool MS, Danforth E Jr:** Growth hormone response to insulin-induced hypoglycemia in thyrotoxicosis. J Clin Endocr 29:777-80, Jun 69
ADULT/ *BLOOD SUGAR/ FEMALE/ HUMAN/ HYPERTHYROIDISM, blood/ *HYPERTHYROIDISM, metabolism/ *INSULIN, pharmacodynamics/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ MIDDLE AGE/ *SOMATOTROPIN, blood

2954. **Rosenfield RL, Eberlein WR, Bongiovanni AM:** Measurement of plasma testosterone by means of competitive protein binding analysis.
J Clin Endocr 29:854-9, Jun 69
ADULT/ BINDING SITES/ CARBON ISOTOPES/ CHROMATOGRAPHY, THIN LAYER/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ MALE/ METHODS/ PREGNANCY/ PROTEIN BINDING/ *TESTOSTERONE, blood/ TRITIUM

2955. **Rosenthal J, Simard S, Boucher R, et al:** Renin- und Norepinephringehalt in Arterien-Gewebe verschiedener Gefässregionen.
Pflueger Arch 307:R40, 1969 (Ger)
ANTIHYPERTENSIVE AGENTS, therapeutic use/ AORTA/ *ARTERIES, analysis/ BLOOD PRESSURE/ CAROTID ARTERIES/ FEMORAL ARTERY/ MESENTERIC ARTERIES/ *NOREPINEPHRINE, analysis/ RENAL ARTERY/ *RENIN, analysis

2956. **Rosenthal MW, Russell JJ, Moretti ES, et al:** Effective dose of DTPA, spaced at 3 day intervals, in removal of skeletal plutonium. Health Phys 16:806-8, Jun 69
ANIMAL EXPERIMENTS/ *BONE AND BONES, metabolism/ *DTPA, pharmacodynamics/ FEMUR, metabolism/ INJECTIONS, INTRAPERITONEAL/ LIVER, metabolism/ MICE/ *PLUTONIUM, metabolism/ SPLEEN, metabolism

2957. **Rösler M, Spičáková V:** Character of the electroencephalogram in relation to the paroxysmal activity in children's epilepsy.
Electroenceph Clin Neurophysiol 26:228, Feb 69
ADOLESCENCE/ AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ *ELECTROENCEPHALOGRAPHY/ *EPILEPSY, physiopathology/ HUMAN/ INFANT/ INFANT, NEWBORN/ PUBERTY

2958. **Ross JA:** Special problems in acute laryngotracheobronchitis.
Laryngoscope 79:1218-26, Jul 69
ACUTE DISEASE/ ADRENAL CORTEX HORMONES, therapeutic use/ ANTIBIOTICS, therapeutic use/ BRONCHITIS, etiology/ *BRONCHITIS, therapy/ DEXAMETHASONE, therapeutic use/ HUMAN/ HYDROCORTISONE, therapeutic use/ LARYNGITIS, etiology/ *LARYNGITIS, therapy/ NEISSERIA/ STAPHYLOCOCCAL INFECTIONS/ STREPTOCOCCAL INFECTIONS/ TRACHEITIS, etiology/ *TRACHEITIS, therapy/ TRACHEOTOMY

2959. **Rotta J, Bednář B:** Biological properties of cell wall mucopeptide of hemolytic streptococci.
J Exp Med 130:31-47, 1 Jul 69
ANIMAL EXPERIMENTS/ *BACTERIAL PROTEINS, analysis/ CARBOHYDRATES, analysis/ *CELL WALL, analysis/ CORTISONE, pharmacodynamics/ ENDOTOXINS, pharmacodynamics/ ESCHERICHIA COLI, immunology/ FEVER, drug therapy/ LIPOPOLYSACCHARIDES, analysis/ LIPOPOLYSACCHARIDES, pharmacodynamics/ *MUCOPROTEINS, analysis/ MUCOPROTEINS, isolation & purification/ MUCOPROTEINS, toxicity/ MYOCARDITIS, chemically induced/ MYOCARDIUM, pathology/ NEUTRALIZATION TESTS/ PYROGENS/ RABBITS/ SHWARTZMAN PHENOMENON, chemically induced/ *STREPTOCOCCUS PYOGENES, analysis

2960. **Rougier G, Babin JP:** Influence des activités physiques sur les électrolytes sériques et musculaires.
Path Biol (Paris) 17:411-27, Apr 69 (307 ref.) (Fre)
ACID-BASE EQUILIBRIUM/ AMMONIA, blood/ ANIMAL EXPERIMENTS/ CALCIUM, blood/ CHLORINE, blood/ *ELECTROLYTES, metabolism/ ENGLISH ABSTRACT/ *EXERTION/ HEMATOCRIT/ HOMEOSTASIS/ HUMAN/ HYPERCALCEMIA/ HYPERKALEMIA/ HYPERNATREMIA/ HYPOCALCEMIA/ HYPOKALEMIA/ HYPONATREMIA/ ION EXCHANGE/ IRON, blood/ MAGNESIUM, blood/ MUSCLE CONTRACTION/ MUSCLES, metabolism/ PHOSPHORUS, blood/ POTASSIUM, analysis/ POTASSIUM, blood/ RABBITS/ REVIEW/ SODIUM, blood/ SPORT MEDICINE

2961. **Rougier J, Malterre M, Dorne P:** Le syndrome d'Apert. Les problèmes de chirurgie ophtalmologique qu'il pose. Bull Soc Ophtal Franc 68:686-9, Jul-Aug 68 (Fre)
ACROCEPHALOSYNDACTYLIA, complications/ *ACROCEPHALOSYNDACTYLIA, surgery/ ADULT/ EXOPHTHALMOS, etiology/ *EXOPHTHALMOS, surgery/ HUMAN/ MALE

2962. **Roujeau J, Lévy C, Amouroux J, et al:** Thrombose chorio-épithéliomateuse de l'artère pulmonaire.
J Franc Med Chir Thorac 21:305-12, Apr 67 (Fre)
ADULT/ *CHORIOCARCINOMA, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LUNG NEOPLASMS, complications/ NEOPLASM CIRCULATING CELLS/ NEOPLASM METASTASIS/ NEOPLASM REGRESSION, SPONTANEOUS/ *PULMONARY EMBOLISM, etiology

2963. **Roussel JD, Parrott MW, Tuttle LW:** A preliminary study of injury and recovery of the male germinal epithelium and spermatogenesis in Macaca mulatta following whole body cobalt-60 gamma irradiation.
J Reprod Fertil 18:177-8, Feb 69
ANIMAL EXPERIMENTS/ CELL MOVEMENT, radiation effects/ COBALT ISOTOPES/ EPITHELIUM, radiation effects/ MALE/ MONKEYS/ *RADIATION EFFECTS/ RADIATION INJURY, EXPERIMENTAL/ *SPERMATOZOA, radiation effects/ TESTIS, pathology/ *TESTIS, radiation effects

2964. **Rousselie F:** La rétinopathie diabétique. Essai thérapeutique.
Arch Ophtal (Paris) 29:107-14, Feb 69 (Fre)
ADOLESCENCE/ ADULT/ AGED/ BLINDNESS, etiology/ CAPILLARY FRAGILITY/ DIABETIC RETINOPATHY, complications/ *DIABETIC RETINOPATHY, drug therapy/ ENGLISH ABSTRACT/ HUMAN/ MIDDLE AGE/ RETINAL HEMORRHAGE, etiology/ SEX FACTORS/ *STEROIDS, therapeutic use

2965. **Rowe RW:** The effect of hypertrophy on the properties of skeletal muscle.
Comp Biochem Physiol 28:1449-53, Mar 69
ANIMAL EXPERIMENTS/ FEMALE/ *HYPERTROPHY, physiopathology/ MALE/ MICE/ MUSCLE CONTRACTION/ *MUSCLES, physiopathology/ TETANY, physiopathology

2966. **Rowley JD:** Some current problems in population cytogenetics. Proc Inst Med Chicago 27:149-51, Nov 68
AGGRESSION/ CHROMOSOME ABERRATIONS/ CHROMOSOME ABNORMALITIES, occurrence/ *CYTOGENETICS/ *GENETICS, POPULATION/ HUMAN/ INFANT, NEWBORN/ MALE/ SEX CHROMOSOMES

2967. **Rowson LE, Moor RM, Lawson RA:** Fertility following egg transfer in the cow; effect of method, medium and synchronization of oestrus.
J Reprod Fertil 18:517-23, Apr 69

ABATTOIRS/ ANIMAL EXPERIMENTS/ BLOOD/ CATTLE/ CULTURE MEDIA/ *ESTRUS/ FEMALE/ *FERTILITY/ *OVUM, transplantation/ PREGNANCY/ TIME FACTORS/ TISSUE CULTURE/ TRANSPLANTATION, HOMOLOGOUS

2968. **Roy A, Slaunwhite WD, Roy S:** Tetramethyl bismethylenedioxy steroids. I. A novel protective group. J Org Chem 34:1455-6, May 69
CHEMISTRY/ *STEROIDS

2969. **Różewicki S, Pohnke B:** Nowotwory hormonalnie czynne jajników królic powstałe po podaniu metylocholantrenu w dwa lata po upływie doświadczenia. Pat Pol 20:73-84, 1969 **(Pol)**
ANIMAL EXPERIMENTS/ FEMALE/ FERTILITY/ *HORMONES, ECTOPIC/ *METHYLCHOLANTHRENE, toxicity/ NEOPLASMS, EXPERIMENTAL/ *OVARIAN NEOPLASMS, chemically induced/ RABBITS/ *THECA CELL TUMOR, chemically induced

2970. **Rubens-Duval A:** Les injections para et intra-articulaires en pratique rhumatologique courante. Therapeutique 45:500-2, May 69 **(Fre)**
*ANESTHETICS, LOCAL, administration & dosage/ *GLUCOCORTICOIDS, administration & dosage/ HUMAN/ INJECTIONS, INTRA-ARTICULAR/ *JOINT DISEASES, drug therapy/ LIDOCAINE, administration & dosage

2971. **Rubini JR, Santos BG:** Absence of L-asparaginase in placenta. Rev Franc Etud Clin Biol 14:276, Mar 69
ANIMAL EXPERIMENTS/ *ASPARAGINASE, analysis/ FEMALE/ GUINEA PIGS/ HUMAN/ METHODS/ *PLACENTA, enzymology/ PREGNANCY/ RATS

2972. **Rucker RB, Parker HE, Rogler JC:** Effect of copper deficiency on chick bone collagen and selected bone enzymes. J Nutr 98:57-63, May 69
AGE FACTORS/ ALDEHYDES, analysis/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ *BONE AND BONES, enzymology/ BONE AND BONES, metabolism/ *CATALASE, metabolism/ CHICKENS/ COLLAGEN, analysis/ *COLLAGEN, metabolism/ COMPARATIVE STUDY/ *COPPER/ COPPER, metabolism/ *CYTOCHROME OXIDASE, metabolism/ DEFICIENCY DISEASES, enzymology/ DEFICIENCY DISEASES, metabolism/ HYDROGEN-ION CONCENTRATION/ LIVER, metabolism/ MALE/ MINERALS, metabolism/ *MONOAMINE OXIDASE, metabolism/ SOLUBILITY/ SOLVENTS/ SPECTRUM ANALYSIS

2973. **Rudali G:** Experimental production of hyperostosis frontalis interna in mice.
Israel J Med Sci 4:1230-5, Nov-Dec 68
ANIMAL EXPERIMENTS/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ *ESTRADIOL, pharmacodynamics/ FEMALE/ *GLUCOSE, pharmacodynamics/ *HYPEROSTOSIS FRONTALIS INTERNA, chemically induced/ HYPEROSTOSIS FRONTALIS INTERNA, history/ MALE/ *MESTRANOL, pharmacodynamics/ MICE/ NORETHYNODREL, pharmacodynamics/ *OSTEOMA, chemically induced/ *SKULL NEOPLASMS, chemically induced/ THYMECTOMY

2974. **Rudman D, Del Rio AE:** Lipolytic activity of synthetic porcine secretin. Endocrinology 85:214-7, Aug 69
ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, metabolism/ AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ CORTICOTROPIN, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ FEMALE/ GLUCAGON, analysis/ GLUCAGON, pharmacodynamics/ GUINEA PIGS/ HAMSTERS/ IN VITRO/ MALE/ MICE/ PIGEONS/ RATS/ SECRETIN, analysis/ *SECRETIN, pharmacodynamics/ STIMULATION, CHEMICAL/ SWINE/ *TRIGLYCERIDES, metabolism

2975. **Rudman D, Del Rio AE:** Responsiveness to lipolytic hormones, and inactivation of adrenocorticotropin, by adipose tissue slices and free fat cells from different mammalian species. Endocrinology 85:209-13, Aug 69
ADIPOSE TISSUE, analysis/ ADIPOSE TISSUE, cytology/ *ADIPOSE TISSUE, drug effects/ ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ *CORTICOTROPIN, pharmacodynamics/ *EPINEPHRINE, pharmacodynamics/ FATTY ACIDS, NONESTERIFIED, metabolism/ *GLUCAGON, pharmacodynamics/ GUINEA PIGS/ HAMSTERS/ IN VITRO/ *MSH, pharmacodynamics/ RATS/ SPECIES SPECIFICITY/ STIMULATION, CHEMICAL/ *THYROTROPIN, pharmacodynamics/ TRIGLYCERIDES, analysis/ *TRIGLYCERIDES, metabolism

2976. **Rudolph KM, Lima Filho OA de, Cogliati AC, et al:** A quimioterapia no coriocarcinoma.
Matern Infanc (S Paulo) 27:401-7, Oct-Dec 68 **(Por)**
ADULT/ *CHORIOCARCINOMA, drug therapy/ CHORIOCARCINOMA, surgery/ FEMALE/ HUMAN/ *LUNG NEOPLASMS, drug therapy/ *METHOTREXATE, therapeutic use/ NEOPLASM METASTASIS/ *VAGINAL NEOPLASMS, drug therapy/ VAGINAL NEOPLASMS, surgery

2977. **Ruedi B:** Les bases physiopathologiques de l'indication de l'hypophysectomie dans la rétinopathie diabétique.
Rev Otoneuroophtal 40:385-8, Nov 68 **(Fre)**
*DIABETIC RETINOPATHY, surgery/ HUMAN/ *HYPOPHYSECTOMY

2978. **Ruggieri GD:** In corpore fertilization and development in the sea urchin, Arbacia punctulata.
Nature (London) 223:189, 12 Jul 69
ANIMAL EXPERIMENTS/ *ECHINODERMATA, embryology/ *FERTILIZATION/ *HERMAPHRODITISM, occurrence

2979. **Rugh R, Duhamel L, Osborne AW, et al:** Skeletal development of mice x-irradiated in utero.
Amer J Anat 125:169-75, Jun 69
ANIMAL EXPERIMENTS/ *BONE AND BONES, radiation effects/ FEMALE/ FEMUR, radiation effects/ *FETUS, radiation effects/ GESTATIONAL AGE/ HUMERUS, radiation effects/ MALE/ MICE/ *PREGNANCY/ *RADIATION EFFECTS/ SKULL, radiation effects/ SPINE, radiation effects/ TIBIA, radiation effects/ ULNA, radiation effects

2980. **Rukhmanov AA:** Gliukokortikoidnaia funktsiia kory nadpochechnikov u bol'nykh s narusheniiami mozgovogo krovoobrashcheniia pri ateroskleroze sosudov golovnogo mozga.
Zh Nevropat Psikhiat Korsakov 69:220-3, 1969 **(Rus)**
*ADRENAL GLANDS, physiopathology/ AGED/ *CEREBRAL ARTERIOSCLEROSIS, complications/ CEREBROVASCULAR DISORDERS, etiology/ *CEREBROVASCULAR DISORDERS, physiopathology/ FEMALE/ GLUCOCORTICOIDS, physiology/ *GLUCOCORTICOIDS, secretion/ GLUCOCORTICOIDS, urine/ HUMAN/ MALE/ MIDDLE AGE/ PITUITARY-ADRENAL FUNCTION TESTS

2981. **Rumiantseva EP, Gorlacheva LA:** Gliukokortikoidnaia funktsiia kory nadpochechnikov u bol'nykh s khronicheskoĭ intoksikatsieĭ nekotorymi nepredel'nymi khlorirovannymi uglevodorodami.
Gig Tr Prof Zabol 12:16-9, Dec 68 **(Rus)**
*ADRENAL GLANDS, physiopathology/ ADULT/ ENGLISH ABSTRACT/ *GLUCOCORTICOIDS, secretion/ HUMAN/ *HYDROCARBONS, HALOGENATED, poisoning/ MIDDLE AGE/ *OCCUPATIONAL DISEASES

2982. **Rümke CL, Noordhoek J:** The influence of lynestrenol on the rate of metabolism of phenobarbital, phenytoin and hexobarbital in mice.
Europ J Pharmacol 6:163-8, May 69
ANIMAL EXPERIMENTS/ BEMEGRIDE/ CONVULSIONS, chemically induced/ *DIPHENYLHYDANTOIN, metabolism/

DIPHENYLHYDANTOIN, pharmacodynamics/ ELECTROSHOCK/ ENZYME INDUCTION/ FEMALE/ *HEXOBARBITAL, metabolism/ HEXOBARBITAL, pharmacodynamics/ *LYNESTRENOL, pharmacodynamics/ MALE/ MICE/ *PHENOBARBITAL, metabolism/ PHENOBARBITAL, pharmacodynamics/ SLEEP, drug effects/ TIME FACTORS

2983. **Rusin VIa:** O roli nekotorykh otdelov nervnoi sistemy i éndokrinnykh zhelez v razvitii nespetsificheskoĭ soprotivliaemosti organizma.
Fiziol Zh SSSR Sechenov 54:545-53, May 68 **(Rus)**
*ADAPTATION, PHYSIOLOGICAL/ AMOBARBITAL, pharmacodynamics/ ANIMAL EXPERIMENTS/ ATROPINE, pharmacodynamics/ AZIDES, pharmacodynamics/ BENZIMIDAZOLES/ CHLORPROMAZINE, pharmacodynamics/ COLD/ DESOXYCORTICOSTERONE, pharmacodynamics/ DINITROPHENOLS, pharmacodynamics/ ENGLISH ABSTRACT/ ERGOTAMINE, pharmacodynamics/ EXERTION/ FEMALE/ FLUORIDES, pharmacodynamics/ HYDROCORTISONE, pharmacodynamics/ NERVOUS SYSTEM, drug effects/ *NERVOUS SYSTEM, physiology/ NITRITES, pharmacodynamics/ *PITUITARY-ADRENAL SYSTEM, physiology/ RATS/ RESERPINE, pharmacodynamics/ SODIUM, pharmacodynamics

2984. **Russell RG, Hodgkinson A:** The urinary excretion of inorganic pyrophosphate in hyperparathyroidism, hyperthyroidism, Paget's disease and other disorders of bone metabolism. Clin Sci 36:435-43, Jun 69
ADOLESCENCE/ ADULT/ AGED/ *BONE DISEASES, urine/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ HYDROXYPROLINE, urine/ *HYPERPARATHYROIDISM, urine/ *HYPERTHYROIDISM, urine/ MALE/ MIDDLE AGE/ *OSTEITIS DEFORMANS, urine/ OSTEOMALACIA, urine/ OSTEOPOROSIS, urine/ PARATHYROID GLANDS, surgery/ PHOSPHORUS ISOTOPES/ *PYROPHOSPHATES, urine

2985. **Russell SM, Dhariwal AP, McCann SM, et al:** Inhibition by dexamethasone of the in vivo pituitary response to corticotropin-releasing factor (CRF).
Endocrinology 85:512-21, Sep 69
ANIMAL EXPERIMENTS/ *CORTICOTROPIN, secretion/ *CORTICOTROPIN RELEASING FACTOR, antagonists & inhibitors/ DEPRESSION, CHEMICAL/ *DEXAMETHASONE, pharmacodynamics/ FEEDBACK/ FEMALE/ *PITUITARY-ADRENAL SYSTEM/ PITUITARY GLAND, drug effects/ *PITUITARY GLAND, secretion/ RATS/ STRESS, physiopathology

2986. **Russo J:** Acid and alkaline phosphatases of the mouse testis at different stages of post-natal development.
Acta Physiol Lat Amer 17:302-8, 1967
*ACID PHOSPHATASE, metabolism/ AGING/ *ALKALINE PHOSPHATASE, metabolism/ HISTOCYTOCHEMISTRY/ HUMAN/ MALE/ MICE/ *TESTIS, enzymology/ TESTIS, growth & development

2987. **Ružyllo E, Krotkiewski M, Roszkowska K:** Searching for lipolysis defect in obese people.
Pol Arch Med Wewnet 42:515-9, 1969
ADIPOSE TISSUE, drug effects/ ADULT/ EPINEPHRINE, therapeutic use/ FATTY ACIDS, NONESTERIFIED, metabolism/ FEMALE/ HUMAN/ HYDROCORTISONE, therapeutic use/ *LIPID METABOLISM, INBORN ERRORS, complications/ MIDDLE AGE/ *OBESITY, etiology

2988. **Ryan RJ:** Stokes radius of human pituitary hormones and demonstration of dissociation of luteinizing hormone. Biochemistry (Wash) 8:495-501, Feb 69
CHEMISTRY/ FEMALE/ *FSH/ GEL FILTRATION/ HUMAN/ IODINE ISOTOPES/ *LH/ METHODS/ MOLECULAR WEIGHT/ PROTEINS/ *SOMATOTROPIN/ *THYROTROPIN

2989. **Ryle M:** A quantitative in vitro response to follicle-stimulating hormone.
J Reprod Fertil 19:87-94, Jun 69
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ DNA, biosynthesis/ FEMALE/ *FSH, pharmacodynamics/ IN VITRO/ LH, pharmacodynamics/ LYSINE, metabolism/ MICE/ *OVARY, drug effects/ OVARY, metabolism/ THYMIDINE, metabolism/ TISSUE CULTURE/ TRITIUM

2990. **Ryle M:** The duration of an FSH effect in vitro.
J Reprod Fertil 19:349-51, Jul 69
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ FEMALE/ *FSH, pharmacodynamics/ IN VITRO/ MICE/ *OVARY, drug effects/ OVARY, metabolism/ THYMIDINE, metabolism/ TIME FACTORS

2991. **Ryzhikov II, Avrushchenko NM:** Primenenie kortizona pri tavmaticheskikh povrezhdeniiakh organa zrenila.
Voennomed Zh 5:70-2, May 69 **(Rus)**
ANTIBIOTICS, therapeutic use/ *CORTISONE, therapeutic use/ *EYE INJURIES, drug therapy/ HUMAN/ *MILITARY MEDICINE/ SEROTHERAPY/ SULFANILAMIDE, therapeutic use

S

2992. **Sable-Amplis R, Agid R, Abadie D:** Evolution des lipids plasmatiques du lapin soumis à une administration répétée de morphine.
J Physiol (Paris) 59:Suppl:292-3, 1967 **(Fre)**
ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ CHOLESTEROL, analysis/ CHROMATOGRAPHY, THIN LAYER/ DENSITOMETRY/ ESTERS, analysis/ HYPERLIPEMIA, chemically induced/ *LIPIDS, blood/ LIVER, analysis/ *LIVER, drug effects/ *MORPHINE, pharmacodynamics/ PERIODICITY/ PHOSPHOLIPIDS, blood/ PHOTOMETRY/ RABBITS

2993. **Sabuncu N:** Quantitative Histologie der Alterspsychosen.
Verh Deutsch Ges Path 52:250-5, 1968 **(Ger)**
AGED/ AMYGDALOID BODY, pathology/ AUTOPSY/ *BRAIN, pathology/ CEREBRAL ARTERIOSCLEROSIS, complications/ *CEREBRAL ARTERIOSCLEROSIS, pathology/ CIRCLE OF WILLIS, pathology/ ENGLISH ABSTRACT/ FEMALE/ FRONTAL LOBE, pathology/ HUMAN/ MALE/ METHODS/ PSYCHOSES, SENILE, complications/ *PSYCHOSES, SENILE, pathology/ SEX FACTORS

2994. **Sachs H:** Neurosecretion.
Advances Enzym 32:327-72, 1969 (147 ref.)
ADENOSINE CYCLIC 3',5'-PHOSPHATE, physiology/ ANIMAL EXPERIMENTS/ DOGS/ FISHES/ GEL FILTRATION/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, secretion/ MICROSCOPY, ELECTRON/ NERVE ENDINGS, cytology/ *NEUROSECRETION/ OXYTOCIN, secretion/ PROTEIN BINDING/ REVIEW/ VASOPRESSIN, biosynthesis/ VASOPRESSIN, secretion/ VASOTOCIN, secretion

2995. **Sack H:** Neurologische Erscheinungen beim Phächromozytom.
Munchen Med Wschr 111:535-41, 7 Mar 69 **(Ger)**
ADOLESCENCE/ ADULT/ BRAIN NEOPLASMS, diagnosis/ CERVICAL VERTEBRAE, physiopathology/ CHILD/ CONVULSIONS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HEADACHE, etiology/ HUMAN/ INTERPROFESSIONAL RELATIONS/ MALE/ MIDDLE AGE/ NEUROLOGIC EXAMINATION/ *NEUROLOGIC MANIFESTATIONS/ *PHEOCHROMOCYTOMA, complications/ PHEOCHROMOCYTOMA, diagnosis

2996. **Sacrez R, Berland H, Gandar R, et al:** Etude des incidences de l'ocytocine synthétique employée en obstétrique en perfusion intra-veineuse pour le céclenchement du travail sur l'état physique du

nouveau-né et sur son développement psychomoteur. Ann Pediat (Paris) 16:27-33, 2 Jan 69 (Fre)
FEMALE/ FETAL DISEASES, diagnosis/ HEMATOMA, EPIDURAL, occurrence/ HEMORRHAGE, occurrence/ HUMAN/ INFANT MORTALITY/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, classification/ LABOR COMPLICATIONS, classification/ *LABOR, INDUCED, adverse effects/ MENTAL RETARDATION, chemically induced/ MUSCLE RELAXANTS, therapeutic use/ *OXYTOCIN, administration & dosage/ PERFUSION/ PREGNANCY/ STATISTICS

2997. **Sadasivan N, Eberspaecher HI, Fuchsman WH, et al:** Substituted deuteroporphyrins. VI. Ligand-exchange and dimerization reactions of deuterohemins. Biochemistry (Wash) 8:534-41, Feb 69
AZIDES/ BROMINE/ CHEMISTRY/ CHLORINE/ *DEUTERIUM/ FLUORINE/ *HEME/ HEME, isolation & purification/ INFRARED RAYS/ IODINE/ MOLECULAR WEIGHT/ OXYGEN ISOTOPES/ PHENOLS/ PHOSPHOROUS ACIDS/ SPECTRUM ANALYSIS

2998. **Sądowski A, Ciążyńska K, Rytko D:** Analiza śmiertelności z powodu zapalenia płuc u niemowląt i starszych dzieci. Wiad Lek 22:889-92, 15 May 69 (Pol)
CHILD/ CHILD, PRESCHOOL/ DIARRHEA, INFANTILE, complications/ ENGLISH ABSTRACT/ FACTOR ANALYSIS, STATISTICAL/ HUMAN/ INFANT/ INFANT, NEWBORN/ OTITIS, complications/ PNEUMONIA, complications/ *PNEUMONIA, mortality/ POLAND/ RICKETS, complications

2999. **Sadowski P, Klaus D:** Die enterale Kalziumresorption bei Störungen des Kalziumstoffwechsels. Ergebnisse mit einem oralen Radio-Kalzium-Test. Med Welt 42:2284-92, 19 Oct 68 (Ger)
ADOLESCENCE/ ADULT/ ALKALINE PHOSPHATASE, blood/ *CALCIUM, metabolism/ CALCIUM, urine/ *CALCIUM ISOTOPES, diagnostic use/ FEMALE/ HUMAN/ *INTESTINAL ABSORPTION/ *MALABSORPTION SYNDROMES, metabolism/ MALE/ MIDDLE AGE/ *OSTEOPOROSIS, metabolism/ *PARATHYROID DISEASES, metabolism

3000. **Saeed SM, Fine G, Horn RC Jr:** Hypoglycemia associated with extrapancreatic tumors. An immunofluorescent study. Cancer 24:158-66, Jul 69
ADULT/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ GLUCOSE, metabolism/ HORMONES, ECTOPIC, secretion/ HUMAN/ *HYPOGLYCEMIA, etiology/ INSULIN, secretion/ INSULIN ANTIBODIES/ KIDNEY, pathology/ *KIDNEY NEOPLASMS, complications/ KIDNEY NEOPLASMS, metabolism/ KIDNEY NEOPLASMS, pathology/ MALE/ *NEOPLASMS, EMBRYONAL AND MIXED, complications/ NEOPLASMS, EMBRYONAL AND MIXED, metabolism/ NEOPLASMS, EMBRYONAL AND MIXED, pathology/ *PELVIC NEOPLASMS, complications/ PELVIC NEOPLASMS, metabolism/ PELVIC NEOPLASMS, pathology

3001. **Saigal S, Srivastava JR:** Newer clinical criteria of prematurity. Indian Pediat 5:369-78, Aug 68
*BREAST, growth & development/ EAR, EXTERNAL, growth & development/ FEMALE/ *FOOT, growth & development/ GESTATIONAL AGE/ HAIR, growth & development/ HUMAN/ *INFANT, NEWBORN/ *INFANT, PREMATURE/ MALE/ TESTIS, growth & development

3002. **Saito T, Yoshida S:** [Posterior pituitary function tests] Jap J Clin Med 27:259-64, Feb 69 (34 ref.) (Jap)
BRAIN NEOPLASMS, blood/ DEPRESSION, CHEMICAL/ FEEDBACK/ HUMAN/ HYPERTONIC SOLUTIONS/ NICOTINE, diagnostic use/ OSMOLAR CONCENTRATION/ OXYTOCIN, secretion/ *PITUITARY GLAND FUNCTION TESTS/ *PITUITARY GLAND, POSTERIOR, physiology/ REVIEW/ SODIUM, blood/ URINE/ VASOPRESSIN, blood/ VASOPRESSIN, diagnostic use/ VASOPRESSIN, secretion/ WATER-ELECTROLYTE BALANCE

3003. **Saito T, Yoshida S, Nakao K:** Release of antidiuretic hormone from neurohypophysis in response to hemorrhage and infusion of hypertonic saline in dogs. Endocrinology 85:72-8, Jul 69
ANIMAL EXPERIMENTS/ CHORDOTOMY/ DECEREBRATE STATE/ DOGS/ FEMALE/ *HEMORRHAGE, physiopathology/ HYPERTONIC SOLUTIONS, pharmacodynamics/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiopathology/ MALE/ *PITUITARY GLAND, POSTERIOR, secretion/ *SODIUM CHLORIDE, pharmacodynamics/ VAGOTOMY/ VASOPRESSIN, blood/ *VASOPRESSIN, secretion

3004. **Sakauchi N, Abe O, Kusama M, et al:** [Clinical study of urinary 17-ketosteroid fractions in breast cancer--correlation with the effect of adrenalectomy in progressive breast cancer] Saishin Igaku 24:463-70, 10 Feb 68 (Jap)
*ADRENALECTOMY/ ADULT/ AGED/ BREAST NEOPLASMS, surgery/ *BREAST NEOPLASMS, urine/ DEHYDROEPIANDROSTERONE, urine/ FEMALE/ HUMAN/ *17-KETOSTEROIDS, urine/ MIDDLE AGE

3005. **Saksena SK, Chaudhury RR:** Effect of orally administered azasteroids on implantation in rats. J Reprod Fertil 19:177-8, Jun 69
ANIMAL EXPERIMENTS/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ MALE/ *NIDATION, drug effects/ NITROGEN/ *PYRAZOLES, pharmacodynamics/ *QUINOLINES, pharmacodynamics/ RATS/ *STEROIDS, pharmacodynamics

3006. **Salazkina-Kuznetsova SI:** Dianamika simptomov pri opukholiakh v oblasti 3 zheludochka v period dlitel'nogo drenirovanniia zheludochkov mozga. Vop Neirokhir 32:25-8, Nov-Dec 68 (Rus)
*ARACHNOID/ *ASTROCYTOMA, complications/ *CEREBRAL VENTRICLE NEOPLASMS, complications/ CHILD/ CHILD, PRESCHOOL/ *CRANIOPHARYNGIOMA, complications/ *DRAINAGE/ FEMALE/ HUMAN/ HYDROCEPHALUS, etiology/ *HYDROCEPHALUS, surgery/ INTRACRANIAL PRESSURE/ MALE/ *MENINGIOMA, complications

3007. **Salem MR:** Positive-pressure breathing and antidiuresis. New Eng J Med 280:1479-80, 26 Jun 69
ANIMAL EXPERIMENTS/ DIURESIS/ DOGS/ *EDEMA, etiology/ HUMAN/ *POSITIVE-PRESSURE RESPIRATION, adverse effects/ *VASOPRESSIN, metabolism

3008. **Saloheimo AM:** Ovarian tumors in teenagers. Ann Chir Gynaec Fenn 57:590-5, 1968
ADOLESCENCE/ ADULT/ AGE FACTORS/ CYSTADENOMA, MUCINOUS, occurrence/ CYSTADENOMA, PAPILLARY, occurrence/ DERMOID CYST, occurrence/ DISGERMINOMA, occurrence/ FEMALE/ FIBROMA, occurrence/ GRANULOSA CELL TUMOR, occurrence/ HUMAN/ OVARIAN CYSTS, occurrence/ OVARIAN NEOPLASMS, diagnosis/ OVARIAN NEOPLASMS, mortality/ *OVARIAN NEOPLASMS, occurrence/ OVARIAN NEOPLASMS, surgery/ PAPILLOMA, occurrence/ TERATOID TUMOR, occurrence

3009. **Salti IS, Ruse JL, Stiefel M, et al:** Non-tumorous "primary" aldosteronism: II. Type not relieved by glucocorticoid. Canad Med Ass J 101:11-6, 12 Jul 69
ADRENAL GLANDS, pathology/ ADRENALECTOMY/ ADULT/ ALDOSTERONE, secretion/ BLOOD PRESSURE/ CORTICOSTERONE, secretion/ DESOXYCORTICOSTERONE, pharmacodynamics/ DEXAMETHASONE, pharmacodynamics/ DIET/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, blood/

17-HYDROXYCORTICOSTEROIDS, urine/ *HYPERALDOSTERONISM, metabolism/ 17-KETOSTEROIDS, urine/ KIDNEY FUNCTION TESTS/ MALE/ MIDDLE AGE/ POTASSIUM, blood/ SECRETORY RATE, drug effects/ SPIRONOLACTONE, pharmacodynamics/ WATER-ELECTROLYTE BALANCE

3010. **Salti IS, Stiefel M, Ruse JL, et al:** Non-tumorous "primary" aldosteronism. I. Type relieved by glucocorticoid (glucocorticoid-remediable aldosteronism). Canad Med Ass J 101:1-10, 12 Jul 69
ADOLESCENCE/ ADRENALECTOMY/ ADULT/ ALDOSTERONE, biosynthesis/ ALDOSTERONE, blood/ ANDROGENS, urine/ CHILD/ DESOXYCORTICOSTERONE, pharmacodynamics/ DEXAMETHASONE, therapeutic use/ DIET/ ESTROGENS, urine/ FEMALE/ FOLLOW-UP STUDIES/ *GLUCOCORTICOIDS, secretion/ *GLUCOCORTICOIDS, therapeutic use/ HUMAN/ HYDROCORTISONE, biosynthesis/ 17-HYDROXYCORTICOSTEROIDS, urine/ HYPERALDOSTERONISM, familial & genetic/ *HYPERALDOSTERONISM, metabolism/ HYPERTENSION, drug therapy/ HYPERTENSION, metabolism/ 17-KETOSTEROIDS, urine/ MALE/ MIDDLE AGE/ POTASSIUM, blood/ POTASSIUM, urine/ PREDNISONE, therapeutic use/ RENIN, blood/ SECRETORY RATE/ SODIUM, blood/ SODIUM, urine/ SPIRONOLACTONE, pharmacodynamics

3011. **Samaan NA, Bradbury JT, Gopierud CP:** Serial hormonal studies in normal and abnormal pregnancy. Amer J Obstet Gynec 104:781-94, 15 Jul 69
ADOLESCENCE/ ADULT/ CREATININE, urine/ ESTRIOL, urine/ FEMALE/ FETAL DEATH, blood/ GESTATIONAL AGE/ GONADOTROPINS, CHORIONIC, blood/ HUMAN/ INFANT, NEWBORN/ MATERNAL-FETAL EXCHANGE/ PLACENTA, physiopathology/ *PLACENTAL HORMONES, blood/ PLACENTAL HORMONES, secretion/ PLACENTAL LACTOGEN, blood/ *PREGNANCY/ *PREGNANCY COMPLICATIONS, blood/ PREGNANCY COMPLICATIONS, urine/ PREGNANCY IN DIABETES, blood/ PREGNANCY IN DIABETES, urine/ PREGNANCY TOXEMIAS, blood/ PREGNANEDIOL, urine/ RADIOIMMUNOASSAY/ RADIOISOTOPES/ RH FACTORS/ SOMATOTROPIN, blood

3012. **Samaan NA, Craig JW:** Serum insulin and growth hormone in lipoatrophic diabetes. Metabolism 18:460-8, Jun 69
ADULT/ CLINICAL RESEARCH/ DIABETES MELLITUS, blood/ *DIABETES MELLITUS, physiopathology/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ GLUCOSE TOLERANCE TEST/ HUMAN/ *INSULIN, blood/ INSULIN, diagnostic use/ INSULIN ANTIBODIES/ *LIPIDS, metabolism/ MALE/ SOMATOTROPIN, blood/ *SOMATOTROPIN, secretion/ TOLBUTAMIDE, diagnostic use

3013. **Samaan NA, Stone DB, Eckhardt RD:** Serum glucose, insulin, and growth hormone in chronic hepatic cirrhosis. Arch Intern Med (Chicago) 124:149-52, Aug 69
ADULT/ AGED/ BLOOD PROTEINS/ *BLOOD SUGAR, analysis/ CHRONIC DISEASE/ DIABETES MELLITUS, blood/ DIABETES MELLITUS, complications/ GLUCOSE TOLERANCE TEST/ HUMAN/ HYPERINSULINISM/ *INSULIN, blood/ INSULIN RESISTANCE/ *LIVER CIRRHOSIS, blood/ LIVER CIRRHOSIS, complications/ MALE/ MIDDLE AGE/ RADIOIMMUNOASSAY/ *SOMATOTROPIN, blood/ TIME FACTORS

3014. **Samochowiec E, Wawryk R:** Gonadotropina kosmówkowa w moczu w niektórych powikłaniach wczesnej ciąży. Pol Tyg Lek 24:7-9, 6 Jan 69 **(Pol)**
*ABORTION, urine/ ENGLISH ABSTRACT/ FEMALE/ *GONADOTROPINS, CHORIONIC, urine/ HUMAN/ PREGNANCY/ *PREGNANCY COMPLICATIONS, urine/ PREGNANCY, ECTOPIC, urine/ PREGNANCY IN DIABETES, urine/ TOXOPLASMOSIS, complications

3015. **Samojlik E, Khing OJ, Chang MC:** Effects of dopamine on reproductive processes and fetal developmnt in rats. Amer J Obstet Gynec 104:578-85, 15 Jun 69
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ BIRTH WEIGHT/ *DOPAMINE, pharmacodynamics/ ESTRUS, drug effects/ *FETUS, drug effects/ FETUS, growth & development/ GESTATIONAL AGE/ GROWTH, drug effects/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, drug effects/ INJECTIONS, SUBCUTANEOUS/ ORGAN WEIGHT/ OVARY, drug effects/ PITUITARY GLAND, drug effects/ *PREGNANCY, drug effects/ PREGNANCY, ANIMAL, drug effects/ RATS/ *REPRODUCTION, drug effects/ TIME FACTORS/ UTERUS, drug effects

3016. **Sampson RJ, Key CR, Buncher CR, et al:** Thyroid carcinoma in Hiroshima and Nagasaki. I. Prevalence of thyroid carcinoma at autopsy. JAMA 209:65-70, 7 Jul 69
ADULT/ AGED/ *ATOMIC WARFARE/ CARCINOMA, PAPILLARY, occurrence/ CARCINOMA, PAPILLARY, pathology/ FEMALE/ HUMAN/ JAPAN/ MALE/ MIDDLE AGE/ *NEOPLASMS, RADIATION-INDUCED/ SEX FACTORS/ THYROID NEOPLASMS, diagnosis/ THYROID NEOPLASMS, etiology/ THYROID NEOPLASMS, mortality/ *THYROID NEOPLASMS, occurrence/ THYROID NEOPLASMS, pathology

3017. **Samuels LT, Uchikawa T, Zain-ul-Abedin M, et al:** Effect of diethylstilbestrol on enzymes of cryptochid mouse testes of Balb-c mice. Endocrinology 85:96-102, Jul 69
ANDROSTANES, biosynthesis/ ANIMAL EXPERIMENTS/ *CRYPTORCHISM, enzymology/ DEHYDROEPIANDROSTERONE, metabolism/ DEPRESSION, CHEMICAL/ *DIETHYLSTILBESTROL, pharmacodynamics/ *HYDROXYLASES, metabolism/ HYDROXYPREGNENOLONE, metabolism/ HYDROXYPROGESTERONE, biosynthesis/ *HYDROXYSTEROID DEHYDROGENASE, metabolism/ LEYDIG CELLS, cytology/ LEYDIG CELLS, drug effects/ *LEYDIG CELLS, enzymology/ *LYASES, metabolism/ MALE/ MICE/ *MICROSOMES, enzymology/ PREGNENOLONE, metabolism/ PROGESTERONE, biosynthesis/ TESTIS, cytology/ TESTIS, drug effects/ *TESTIS, enzymology/ TESTOSTERONE, biosynthesis

3018. **Samy TS, Papkoff H, Li CH:** The reaction of cyanogen bromide with an ovine ICSH subunit: the sequence of the NH2-terminal forty amino acids. Arch Biochem 132:315-24, Jun 69
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ BROMINE/ CHYMOTRYPSIN/ *CYANIDES/ ELECTROPHORESIS/ GEL FILTRATION/ *LH, analysis/ PEPTIDES/ SHEEP/ TRYPSIN

3019. **Sánchez Martin JA:** Recenti contributi allo studio del gozzo semplice in Spagna. Minerva Med 60:2932-8, 28 Jul 69 **(Ita)**
GOITER, etiology/ *GOITER, occurrence/ HUMAN/ SPAIN

3020. **Sander J:** Toksisk epidermal nekrolyse. T Norsk Laegeforen 89:398-401, 15 Mar 69 **(Nor)**
ADULT/ ANTIBIOTICS, therapeutic use/ ENGLISH ABSTRACT/ *EPIDERMAL NECROLYSIS, TOXIC, etiology/ EPIDERMAL NECROLYSIS, TOXIC, therapy/ FEMALE/ HUMAN/ INFUSIONS, PARENTERAL/ MEPROBAMATE, adverse effects/ MIDDLE AGE/ OINTMENTS/ PENICILLIN, adverse effects/ PREDNISONE, therapeutic use/ *STAPHYLOCOCCAL INFECTIONS, complications/ SULFAMETHOXYPYRIDAZINE, adverse effects

3021. **Sanders SS, Norman AP:** Growth hormone secretion in growth-retarded asthmatic children. Brit Med J 3:25-6, 5 Jul 69

ADOLESCENCE/ ASTHMA, drug therapy/ *ASTHMA, metabolism/ CHILD/ FEMALE/ *GROWTH/ GROWTH DISORDERS, drug therapy/ GROWTH DISORDERS, metabolism/ HUMAN/ MALE/ MEAT/ PREDNISONE, adverse effects/ PREDNISONE, therapeutic use/ *SOMATOTROPIN, secretion/ SOMATOTROPIN, therapeutic use

3022. **Sanderson C:** The biochemical assessment of thyroid status. Brit J Clin Pract 23:237-8, Jun 69
HUMAN/ PROTEIN-BOUND IODINE TEST/ *THYROID DISEASES, diagnosis

3023. **Sandler L, Lindsley DL, Nicoletti B, et al:** Mutants affecting meiosis in natural populations of Drosophila melanogaster. Genetics 60:525-58, Nov 68
ANIMAL EXPERIMENTS/ CROSSES, GENETIC/ *CROSSING OVER (GENETICS)/ *CYTOGENETICS/ DROSOPHILA/ FEMALE/ GENETICS, POPULATION/ MALE/ *MEIOSIS/ MUTATION/ PHENOTYPE/ *RECOMBINATION, GENETIC/ SEX CHROMOSOMES

3024. **Sankalé M, Diop B, Quenum C, et al:** Quatre cas atypiques de carcinome primitif du foie. Sem Hop Paris 45:301-8, 26 Jan 69 **(Fre)**
*ADENOLYMPHOMA/ ADULT/ AFRICA, WESTERN/ BONE NEOPLASMS, complications/ CRANIAL NERVES, physiopathology/ ENGLISH ABSTRACT/ EXOPHTHALMOS, complications/ FEMALE/ HEPATOMA, complications/ HEPATOMEGALY, complications/ HODGKIN'S DISEASE, diagnosis/ HUMAN/ HYPERCHOLESTEREMIA, complications/ HYPERLIPEMIA, complications/ LIVER CIRRHOSIS, complications/ *LIVER NEOPLASMS/ LIVER NEOPLASMS, complications/ LYMPH NODES, pathology/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ OCULOMOTOR PARALYSIS, complications/ PARALYSIS, complications/ SARCOMA, complications/ SKULL NEOPLASMS, complications/ SKULL NEOPLASMS, radiography/ SPINAL CORD COMPRESSION, complications

3025. **Santambrogio C, Negri S, Guardamagna C, et al:** Studio del comportamento della clearnace epatica mesenchimale in varie condizioni sperimentali di variazioni del flusso epatico. Minerva Med 60:1812-5, 9 May 69 **(Ita)**
ANIMAL EXPERIMENTS/ BLOOD FLOW VELOCITY/ BLOOD PRESSURE/ ENGLISH ABSTRACT/ *IRON, metabolism/ *LIVER, metabolism/ *LIVER CIRCULATION/ PORTAL VEIN/ RABBITS/ *VASOPRESSIN, pharmacodynamics

3026. **Sanyal MK, Meyer RK:** Deoxyribonucleic acid synthesis in vitro in preimplantation blastocysts of prepuberal rats ovulated with gonadotrophins. Endocrinology 85:585-9, Sep 69
ANIMAL EXPERIMENTS/ CELL NUCLEUS, metabolism/ *DNA, biosynthesis/ FEMALE/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ GONADOTROPINS, EQUINE, pharmacodynamics/ IN VITRO/ NIDATION/ OVULATION/ OVUM, cytology/ *OVUM, metabolism/ PREGNANCY/ *PREGNANCY, ANIMAL/ RADIOAUTOGRAPHY/ RATS/ THYMIDINE, metabolism/ TRITIUM

3027. **Sapsford CS, Rae CA:** Residual bodies and lipid content of Sertoli cells in the bandicoot. J Reprod Fertil 19:391, Jul 69
ANIMAL EXPERIMENTS/ LIPIDS, analysis/ MALE/ MARSUPIALIA, anatomy & histology/ SERTOLI CELLS, analysis/ *SERTOLI CELLS, cytology

3028. **Sapuppo A, Grasso S, Buzzoni A:** Sulla funzionalità dell'asse diencefalo-ipofiso-surrenalico negli psoriasici. G Ital Derm 110:8-11, Jan 69 **(Ita)**
ADOLESCENCE/ ADULT/ *DIENCEPHALON, physiopathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PITUITARY-ADRENAL SYSTEM/ PSORIASIS, physiopathology

3029. **Sardemann H, Vestermark S:** Subsepsis allergica. Wissler's syndrom. Ugeskr Laeg 131:269-71, 29 May 69 **(Dan)**
ADULT/ *ANTIBIOTICS, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ *STEROIDS, therapeutic use/ TIME FACTORS/ *WISSLER'S SYNDROME/ WISSLER'S SYNDROME, diagnosis/ WISSLER'S SYNDROME, drug therapy

3030. **Sarel S, Shalon Y, Yanuka Y:** Structure determination and mechanism of formation of iodo-oxido-cholanes from lead tetracetate-iodine reaction of cholanol. Tetrahedron Lett 12:961-6, Mar 69
CHEMISTRY/ *CHOLANES/ IODINE/ OXIDATION-REDUCTION

3031. **Sargent EN, Turner AF, Jacobson G:** Superior marginal rib defects. An etiologic classification. Amer J Roentgen 106:491-505, Jul 69
ADULT/ AGED/ ARACHNODACTYLY, complications/ BONE DISEASES, etiology/ BONE DISEASES, radiography/ COLLAGEN DISEASES, complications/ FEMALE/ HUMAN/ HYPERPARATHYROIDISM, complications/ INFANT/ MALE/ MIDDLE AGE/ OSTEOBLASTS, physiopathology/ OSTEOCLASTS, physiopathology/ OSTEOGENESIS IMPERFECTA, complications/ POLIOMYELITIS, complications/ PRESSURE, adverse effects/ RADIATION EFFECTS/ RADIOTHERAPY, adverse effects/ RIBS, radiation effects/ *RIBS, radiography/ VITAMIN D, adverse effects

3032. **Sarkar NK:** Mechanism of hormone action. The role of butterfat in gluconeogenesis. Life Sci 8:435-43, 15 Apr 69
ALANINE, metabolism/ ALANINE AMINOTRANSFERASE, analysis/ ANIMAL EXPERIMENTS/ ASPARTATE AMINOTRANSFERASE, analysis/ ASPARTIC ACID, metabolism/ BLOOD SUGAR/ BODY WEIGHT/ *BUTTER, metabolism/ CASEIN, metabolism/ *DIETARY FATS, metabolism/ *GLUCONEOGENESIS/ GLUTAMATES, metabolism/ LIVER, enzymology/ MALE/ ORGAN WEIGHT/ RATS/ TRIAMCINOLONE, metabolism

3033. **Sarnella A:** Aspetti particolari di patologia mestruale. Endocr Sci Cost 29:354-62, Nov 67 **(Ita)**
ADULT/ *AVIATION MEDICINE/ FEMALE/ HUMAN/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiopathology/ *MENSTRUATION DISORDERS, etiology/ OVULATION/ SOCIOECONOMIC FACTORS/ *STRESS, PSYCHOLOGIC

3034. **Sarnsethsiri P, Jaworski ZF, Shimizu AG, et al:** New bone formation and osteoid seam thickness. Appositional rate in patients undergoing renal dialysis. Arch Path (Chicago) 88:49-53, Jul 69
ADULT/ BONE AND BONES, pathology/ *BONE DEVELOPMENT/ *BONE DISEASES, etiology/ FEMALE/ *HEMODIALYSIS, adverse effects/ HUMAN/ KIDNEY FUNCTION TESTS/ MALE/ MIDDLE AGE/ TETRACYCLINE

3035. **Sartoris S, Zina G:** Metodica ed applicazione pratica del test iterativo di aggressione diretta cutanea nell'uomo (ERW test) Minerva Derm 42:534-9, Nov 67 **(Ita)**
*ADRENAL CORTEX HORMONES, administration & dosage/ FEMALE/ HUMAN/ *IRRITANTS, pharmacodynamics/ MALE/ METHODS/ SKIN MANIFESTATIONS/ *SKIN TESTS

3036. **Sarzala MG, Drabikowski W:** Free fatty acids as a factor modifying properties of fragmented sarcoplasmic reticulum during ageing. Life Sci 8:477-83, 15 May 69
ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ CALCIUM ISOTOPES/ FATTY ACIDS, NONESTERIFIED, analysis/ *FATTY

ACIDS, NONESTERIFIED, biosynthesis/ IN VITRO/ MICROSOMES, enzymology/ *MICROSOMES, metabolism/ MUSCLES, enzymology/ *MUSCLES, metabolism/ RABBITS/ TIME FACTORS

3037. **Sassin JF, Parker DC, Mace JW, et al:** Human growth hormone release: relation to slow-wave sleep and sleep-waking cycles. Science 165:513-5, 1 Aug 69
ADULT/ ELECTROENCEPHALOGRAPHY/ ELECTROMYOGRAPHY/ HEART RATE/ HUMAN/ MALE/ *PERIODICITY/ *SLEEP/ SLEEP, REM/ SLEEP STAGES/ *SOMATOTROPIN, blood

3038. **Satinoff MI, Wells C:** Multiple basal cell naevus syndrome in ancient Egypt. Med Hist 13:294-7, Jul 69
ADULT/ AGED/ BONE AND BONES, abnormalities/ CRANIOMETRY/ DENTIGEROUS CYST, history/ EGYPT/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, ANCIENT/ HUMAN/ MALE/ *NEVUS, history/ *PALEOPATHOLOGY/ *SKIN NEOPLASMS, history

3039. **Sato U, Hanaki T, Nobuto K:** Attenuation of the hog cholera virus by continuous cell-virus propagation. 3. Growth interference of Newcastle disease virus by attenuated hog cholera virus and its application to virus titration and the neutralization test.
Arch Ges Virusforsch 26:1-10, 1969
ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ COMPARATIVE STUDY/ *HOG CHOLERA/ HOG CHOLERA, immunology/ METHODS/ NEUTRALIZATION TESTS/ *NEWCASTLE DISEASE VIRUS/ SWINE/ TESTIS/ TISSUE CULTURE/ *VERTEBRATE VIRUSES, UNCLASSIFIED/ VERTEBRATE VIRUSES, UNCLASSIFIED, pathogenicity/ VIRAL INTERFERENCE/ VIRULENCE

3040. **Sato Y, Sato Y, Kaneko H, et al:** Alkaloids from Solanum congestiflorum. J Org Chem 34:1577-82, Jun 69
*ALKALOIDS, isolation & purification/ *PLANTS, analysis/ STEROIDS, isolation & purification

3041. **Saunders M, Weidmann SM:** Uptake and retention of fluoride by teeth of dogs of different ages.
Arch Oral Biol 14:365-72, Apr 69
*AGING/ ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ DENTAL ENAMEL, metabolism/ DENTIN, metabolism/ DOGS/ *FLUORIDES, metabolism/ NITROGEN, metabolism/ TOOTH, growth & development/ *TOOTH, metabolism

3042. **Sawa A, Szyszko J, Hendzel T:** Rak kory nadnercza.
Pol Przegl Chir 41:281-4, Mar 69 **(Pol)**
*ADRENAL GLAND NEOPLASMS, pathology/ *CARCINOMA, pathology/ HUMAN/ MALE/ MIDDLE AGE

3043. **Sawano S, Arimura A, Schally AV, et al:** Neonatal corticoid administration: effects upon adult pituitary growth hormone and hypothalamic growth hormone-releasing hormone activity.
Acta Endocr (Kobenhavn) 61:57-67, May 69
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ BODY WEIGHT, drug effects/ *CORTISONE, pharmacodynamics/ DEPRESSION, CHEMICAL/ FEMALE/ *GROWTH, drug effects/ *HYDROCORTISONE, pharmacodynamics/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, drug effects/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ ORGAN WEIGHT/ *PITUITARY HORMONE RELEASING FACTORS, biosynthesis/ PREGNANCY/ RATS/ TAIL, anatomy & histology/ THYROTROPIN RELEASING FACTOR, biosynthesis/ TIBIA, drug effects

3044. **Sawyer WH, Wuu TC, Baxter JW, et al:** 4-Proline analogues of neurohypophysial hormones: hypothetical intermediates in peptide evolution.
Endocrinology 85:385-8, Aug 69
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ BLADDER, drug effects/ FROGS/ GENETICS, BIOCHEMICAL/ GLUTAMINE/ IN VITRO/ LACTATION, drug effects/ MUTATION/ OVIDUCTS, drug effects/ *PITUITARY HORMONES, POSTERIOR/ PITUITARY HORMONES, POSTERIOR, pharmacodynamics/ *PROLINE/ PROLINE, pharmacodynamics/ RABBITS/ RATS/ SALAMANDERS/ SERINE/ UTERUS, drug effects

3045. **Saxena BN, Emerson K Jr, Selenkow HA:** Serum placental lactogen (HPL) levels as an index of placental function.
New Eng J Med 281:225-31, 31 Jul 69
ABORTION, blood/ ABORTION, THERAPEUTIC/ FEMALE/ FETAL DEATH, blood/ FETAL DISEASES, blood/ GESTATIONAL AGE/ HUMAN/ IODINE ISOTOPES/ ORGAN WEIGHT/ *PLACENTA, physiology/ *PLACENTAL HORMONES, blood/ PLACENTAL LACTOGEN, blood/ PREGNANCY/ *PREGNANCY COMPLICATIONS, blood/ PREGNANCY IN DIABETES, blood/ PREGNANCY, MULTIPLE/ PREGNANCY, PROLONGED/ RADIOIMMUNOASSAY

3046. **Scavo D, Borgia C, Iacobelli A:** Aspetti di funzione corticosurrenalica nell'obesitá. VI. Il comportamento della secrezione di aldosterone e della escrezione dei suoi metaboliti nel corso di alcune prove dinamiche.
Folia Endocr (Roma) 21:591-602, Oct 68 **(Ita)**
ADOLESCENCE/ *ADRENAL GLANDS, physiopathology/ ADULT/ *ALDOSTERONE, metabolism/ *ANGIOTENSIN, diagnostic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *OBESITY, physiopathology/ PITUITARY-ADRENAL FUNCTION TESTS/ RADIOISOTOPE DILUTION TECHNIC/ *SODIUM CHLORIDE, diagnostic use

3047. **Scavo D, Iacobelli A, Borgia C:** Aspetti di funzione corticosurrenalica nell'obesità. V. La secrezione giornaliera di aldosterone.
Folia Endocr (Roma) 21:577-90, Oct 68 **(Ita)**
ADOLESCENCE/ *ADRENAL GLANDS, physiopathology/ ADULT/ *ALDOSTERONE, secretion/ *CIRCADIAN RHYTHM/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *OBESITY, physiopathology/ RADIOISOTOPE DILUTION TECHNIC/ SEX FACTORS

3048. **Schaison G:** Le praticien devant une hypercalcémie aigüe. Presse Med 77:1083-5, 21 Jun 69 **(Fre)**
ACUTE DISEASE/ BONE NEOPLASMS, complications/ DIET THERAPY/ EDTA, therapeutic use/ HUMAN/ HYPERCALCEMIA/ HYPERCALCEMIA, diagnosis/ HYPERCALCEMIA, etiology/ HYPERCALCEMIA, physiopathology/ HYPERCALCEMIA, therapy/ HYPERPARATHYROIDISM, complications/ HYPOKALEMIA, complications/ MILK, poisoning/ NEOPLASM METASTASIS/ OSTEOLYSIS, ESSENTIAL, complications/ PHOSPHATES, therapeutic use/ PREDNISONE, therapeutic use/ SODIUM, therapeutic use/ SULFATES, therapeutic use/ THYROCALCITONIN, therapeutic use/ VITAMIN D, poisoning

3049. **Schaison G, Delobel J, Sultan Y, et al:** Hémorragie cérébro-méningée néo-natale révélatrice d'un déficit congénital en facteur 13. (Facteur de stabilisation de la fibrine. FSF.)
Nouv Rev Franc Hemat 9:287-9, Mar-Apr 69 **(Fre)**
ADRENAL CORTEX HORMONES, therapeutic use/ ANTIBIOTICS, therapeutic use/ *BLOOD COAGULATION FACTORS/ BLOOD COAGULATION TESTS/ *CEREBRAL HEMORRHAGE/ CLOT RETRACTION/ FACTOR XIII/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES/ REFLEX, ABNORMAL/ VITAMIN K, therapeutic use

3050. **Schaller J, Kupfer C, Wedgwood RJ:** Iridocyclitis in juvenile rheumatoid arthritis.
Pediatrics 44:92-100, Jul 69

ADOLESCENCE/ ADULT/ *ARTHRITIS, JUVENILE RHEUMATOID, complications/ ATROPINE, therapeutic use/ CATARACT, complications/ CHILD/ CHILD, PRESCHOOL/ *CILIARY BODY/ EDTA, therapeutic use/ EYE DISEASES, drug therapy/ EYE DISEASES, etiology/ EYE DISEASES, prevention & control/ FEMALE/ HUMAN/ INFANT/ INFLAMMATION/ IRITIS, drug therapy/ *IRITIS, etiology/ IRITIS, prevention & control/ KERATOSIS, complications/ MALE/ STEROIDS, therapeutic use

3051. **Schaller KH, Szadkowski D, Lehnert G:** Eine dünnschichtchromatographische Methode zur quantitativen Bestimmung des Plasmacortisols.
Int Z Angew Physiol 27:110-5, 1969 (Ger)
BLOOD CHEMICAL ANALYSIS/ CHEMISTRY, CLINICAL/ *CHROMATOGRAPHY, THIN LAYER/ ENGLISH ABSTRACT/ FEMALE/ FLUOROMETRY/ HUMAN/ *HYDROCORTISONE, blood/ MALE/ METHODS/ SPECTROPHOTOMETRY

3052. **Schally AV, Bowers CY, Carter WH, et al:** Effect of actinomycin D on the inhibitory response of estrogen on LH release.
Endocrinology 85:290-9, Aug 69
ANIMAL EXPERIMENTS/ CASTRATION/ CYCLOHEXIMIDE, pharmacodynamics/ *DACTINOMYCIN, pharmacodynamics/ DEPRESSION, CHEMICAL/ *ESTRADIOL, pharmacodynamics/ FEMALE/ HYPOTHALAMUS, metabolism/ *LH, blood/ LH, secretion/ MALE/ OVARY, surgery/ PITUITARY GLAND, metabolism/ PITUITARY HORMONE RELEASING FACTORS, blood/ *PROGESTERONE, pharmacodynamics/ RATS/ RNA, biosynthesis/ TESTOSTERONE, pharmacodynamics/ TRITIUM/ URIDINE, metabolism

3053. **Schambelan M, Slaton PE Jr, Murray JF, et al:** Adrenal insufficiency and inappropriate secretion of antidiuretic hormone. Occurrence in a patient with carcinoma of the lung.
Arch Intern Med (Chicago) 124:197-201, Aug 69
ADENOCARCINOMA, complications/ *ADRENAL GLAND HYPOFUNCTION, complications/ ADRENAL GLAND NEOPLASMS/ ADRENAL GLANDS, pathology/ *ADRENAL GLANDS, physiopathology/ ALDOSTERONE, urine/ BODY WEIGHT/ FEMALE/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ HYPONATREMIA, complications/ *LUNG NEOPLASMS, complications/ MIDDLE AGE/ NEOPLASM METASTASIS/ SODIUM, blood/ SODIUM, urine/ VASOPRESSIN, analysis/ *VASOPRESSIN, secretion/ WATER-ELECTROLYTE BALANCE

3054. **Schams D, Karg H:** Radioimmunologische LH-bestimmung im blutserum vom rind unter besonderer berücksichtigung des brunstzyklus.
Acta Endocr (Kobenhavn) 61:96-103, May 69 (Ger)
ANIMAL EXPERIMENTS/ ASCORBIC ACID, metabolism/ BIOLOGICAL ASSAY/ CATTLE/ *ESTRUS/ FEMALE/ *LH, blood/ OVARY/ RABBITS/ RADIOIMMUNOASSAY

3055. **Schanbacher L, Ewing LL:** Early effects of abdominal temperature on the activity of selected enzymes in rat testes.
J Reprod Fertil 18:158, Feb 69
ABDOMEN, surgery/ ANIMAL EXPERIMENTS/ *BODY TEMPERATURE/ GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ HEXOKINASE, metabolism/ LACTATE DEHYDROGENASE, metabolism/ MALE/ PHOSPHOFRUCTOKINASE, metabolism/ PYRUVATE KINASE, metabolism/ RATS/ TESTIS, analysis/ *TESTIS, enzymology/ *TESTIS, transplantation/ TRANSPLANTATION, AUTOLOGOUS

3056. **Schander K:** Eine kritische Untersuchung zur Differenzierung tumor- und entzündungsbedingter Erythroztensenkungsbeschleunigungen bei Erkrankungen des weiblichen Genitale.
Z Geburtsh Gynaek 170:73-7, 1969 (Ger)
*BLOOD SEDIMENTATION/ CERVIX NEOPLASMS, blood/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ *GYNECOLOGIC DISEASES, blood/ *GYNECOLOGIC NEOPLASMS, blood/ HUMAN/ METHODS/ OVARIAN NEOPLASMS, blood/ UTERINE NEOPLASMS, blood/ VAGINAL NEOPLASMS, blood/ VULVAR NEOPLASMS, blood

3057. **Schär B:** Der Einfluss einiger C21-Steroide auf die Wassereinlagerung in wachsenden embryonalen Knorpeln in vitro.
Experientia 25:322-3, 15 Mar 69 (Ger)
ANIMAL EXPERIMENTS/ CARTILAGE, drug effects/ CARTILAGE, embryology/ *CARTILAGE, metabolism/ CHICK EMBRYO/ *CORTICOSTERONE, pharmacodynamics/ DEPRESSION, CHEMICAL/ DIHYDROXYPROGESTERONE, pharmacodynamics/ *HYDROCORTISONE, pharmacodynamics/ *HYDROXYPROGESTERONE, pharmacodynamics/ IN VITRO/ *PREGNANES, pharmacodynamics/ *PROGESTATIONAL HORMONES, pharmacodynamics/ TISSUE CULTURE/ *WATER, metabolism

3058. **Scharrer B, Wurzelmann S:** Ultrastructural study on nuclear-cytoplasmic relationships in oocytes of the African lungfish. Protopterus aethiopicus. I. Nucleolo-cytoplasmic pathways.
Z Zellforsch 96:325-43, 1969
ANIMAL EXPERIMENTS/ *CELL NUCLEOLUS/ CELL NUCLEOLUS, metabolism/ *CYTOPLASM/ CYTOPLASM, metabolism/ FEMALE/ *FISHES, cytology/ HISTOLOGICAL TECHNICS/ MICROSCOPY, ELECTRON/ *OVARY, cytology/ OVARY, metabolism/ RIBOSOMES

3059. **Schaum E:** Uber die Verteilung und den Metabolismus von 3H-Peruvosid beim Meerschweinchen.
Naunyn Schmiedeberg Arch Pharm Exp Path 260:194, 1968 (Ger)
ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ CARDIAC GLYCOSIDES, blood/ *CARDIAC GLYCOSIDES, metabolism/ DUODENUM, metabolism/ GUINEA PIGS/ INTESTINE, LARGE, metabolism/ KIDNEY, metabolism/ LIVER, metabolism/ METABOLIC CLEARANCE RATE/ TRITIUM

3060. **Schellhas HF, Heath G:** Cell renewal in the human cervix uteri; a radioautographic study DNA, RNA, and protein synthesis.
Amer J Obstet Gynec 104:617-32, 1 Jul 69
ADULT/ *CERVIX UTERI, cytology/ CERVIX UTERI, drug effects/ CERVIX UTERI, pathology/ CHLORMADINONE, pharmacodynamics/ *DNA, biosynthesis/ FEMALE/ HUMAN/ LEUCINE, analysis/ MESTRANOL, pharmacodynamics/ PREGNANCY/ RADIOAUTOGRAPHY/ *RNA, biosynthesis/ THYMIDINE/ TRITIUM/ URIDINE, analysis

3061. **Schenk VW, Solleveld H:** Multiple aneurysms in a case of acromegaly.
Psychiat Neurol Neurochir 71:311-7, Jul-Aug 68
*ACROMEGALY, complications/ ADENOMA, complications/ ADENOMA, EOSINOPHILIC, complications/ ADRENAL GLAND NEOPLASMS, complications/ ADRENAL GLANDS, abnormalities/ CAROTID ARTERIES, radiography/ CASE REPORT/ *CEREBRAL ANEURYSM, complications/ CEREBRAL ARTERIOSCLEROSIS, complications/ HUMAN/ HYPERTENSION, complications/ KIDNEY, CYSTIC, complications/ MALE/ MIDDLE AGE/ PITUITARY NEOPLASMS, complications

3062. **Scher W:** Recenti progressi nel campo delle gonadotropine.
Boll Chimicofarm 107:93-104, Feb 68 (Ita)
CHEMISTRY, PHYSICAL/ FEMALE/ *GONADOTROPINS/ GONADOTROPINS, analysis/ GONADOTROPINS, therapeutic use/ GONADOTROPINS, CHORIONIC, isolation & purification/ GONADOTROPINS, EQUINE, isolation & purification/ GONADOTROPINS,

PITUITARY, isolation & purification/ HUMAN/ METHODS

3063. **Scheurlen PG:** Die Behandlung der Hyperthyreose.
Landarzt 43:951-5, 20 Jul 67 (Ger)
ANTIHYPERTENSIVE AGENTS, therapeutic use/ DIET THERAPY/ HUMAN/ *HYPERTHYROIDISM, drug therapy/ HYPERTHYROIDISM, surgery/ HYPOTHYROIDISM, etiology/ IODINE ISOTOPES, therapeutic use/ *THYROID ANTAGONISTS, therapeutic use/ *THYROID HORMONES, therapeutic use

3064. **Schiaffini O:** Oxidation of several Krebs' substrates by the male rat hypothalamus. Effect of castration.
Acta Physiol Lat Amer 18:345-50, 1968
ANIMAL EXPERIMENTS/ *CASTRATION/ GLUTAMATES/ *HYPOTHALAMUS, metabolism/ *KREBS CYCLE/ MALE/ *OXIDATION-REDUCTION/ PYRUVATES/ RATS

3065. **Schiaffini O, Moguilevsky JA, García Argiz CA, et al:** Effect of castration on the succinate oxidation and succinic dehydrogenase in rat hypothalamus.
Acta Physiol Lat Amer 18:351-4, 1968
ANIMAL EXPERIMENTS/ *CASTRATION/ *HYPOTHALAMUS, metabolism/ OXIDATION-REDUCTION/ RATS/ *SUCCINATE DEHYDROGENASE, metabolism/ *SUCCINATES, metabolism

3066. **Schild HO:** The effect of metals on the S-S polypeptide receptor in depolarized rat uterus.
Brit J Pharmacol 36:329-49, Jun 69
ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ BARIUM, pharmacodynamics/ BERYLLIUM, pharmacodynamics/ BRADYKININ, pharmacodynamics/ CALCIUM, pharmacodynamics/ COBALT, pharmacodynamics/ COPPER, pharmacodynamics/ DRUG SYNERGISM/ FEMALE/ IN VITRO/ IRON, pharmacodynamics/ MAGNESIUM, pharmacodynamics/ MANGANESE, pharmacodynamics/ *METALS, pharmacodynamics/ NICKEL, pharmacodynamics/ OXYTOCIN, pharmacodynamics/ *PEPTIDES, pharmacodynamics/ RATS/ STRONTIUM, pharmacodynamics/ *UTERUS, drug effects/ VASOPRESSIN, pharmacodynamics/ ZINC, pharmacodynamics

3067. **Schiachetzki J, Jung HH:** Uber den Einfluss von Phenprocoumarol auf das Osteonwachstum.
Z Ges Exp Med 149:56-63, 8 Jan 69 (Ger)
ANIMAL EXPERIMENTS/ *ANTICOAGULANTS, pharmacodynamics/ BONE AND BONES, growth & development/ *BONE DEVELOPMENT, drug effects/ DOGS/ HUMAN/ OSTEOGENESIS, drug effects/ TETRACYCLINE, diagnostic use

3068. **Schläppi P, Neiger M:** Die Behandlung der Sinusitis maxillaris mit Terracortril Gel.
Pract Otorhinolaryng (Basel) 31:182-7, 1969 (Ger)
ACUTE DISEASE/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ GELS/ HUMAN/ *HYDROCORTISONE, administration & dosage/ *MAXILLARY SINUS/ OROANTRAL FISTULA, drug therapy/ *OXYTETRACYCLINE, administration & dosage/ *POLYMYXIN, administration & dosage/ POSTOPERATIVE COMPLICATIONS/ *SINUSITIS, drug therapy

3069. **Schlumberger HD, Anderer FA:** Infertility of mice induced by antibodies specific for human chorionic gonadotrophin.
Acta Endocr (Kobenhavn) 60:681-8, Apr 69
ANIMAL EXPERIMENTS/ ESTRUS/ FEMALE/ *GONADOTROPINS, CHORIONIC/ *IMMUNE SERUMS/ IMMUNE TOLERANCE/ IMMUNIZATION/ MICE/ RABBITS/ *STERILITY, FEMALE, chemically induced/ VAGINAL SMEARS

3070. **Schmid E, Krautheim J:** Diagnostische Suchmethoden bei hormonal aktiven Sympathikustumoren.
Med Welt 20:859-64 passim, 12 Apr 69 (Ger)
*ADRENAL GLAND NEOPLASMS, diagnosis/ ADULT/ CHILD/ FEMALE/ HISTAMINE, diagnostic use/ HUMAN/ HYPERTENSION/ INFANT/ MALE/ MIDDLE AGE/ *PHEOCHROMOCYTOMA, diagnosis/ TYRAMINE, diagnostic use/ VANILMANDELIC ACID, urine

3071. **Schmid KO:** Uber eigenartige Epitheiveränderungen und Rückbildungsvorgänge im Corpusendometrium.
Verh Deutsch Ges Path 52:349-56, 1968 (Ger)
ADULT/ ATROPHY/ *CONTRACEPTIVES, ORAL, adverse effects/ DIAGNOSIS, DIFFERENTIAL/ ENDOMETRIAL HYPERPLASIA, chemically induced/ ENDOMETRIAL HYPERPLASIA, pathology/ ENDOMETRIUM, drug effects/ *ENDOMETRIUM, pathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ PRECANCEROUS CONDITIONS, chemically induced/ PRECANCEROUS CONDITIONS, pathology/ PREGNANCY/ TIME FACTORS/ *UTERINE DISEASES, chemically induced

3072. **Schmidt CG:** Folsäurearme Diät bei Malignomen.
Deutsch Med Wschr 94:1342, 20 Jun 69 (Ger)
CHORIOCARCINOMA, therapy/ *DIET THERAPY/ *FOLIC ACID/ HUMAN/ LEUKEMIA, therapy/ NEOPLASM METASTASIS/ *NEOPLASMS, therapy

3073. **Schmidt H Jr:** Alterations of central thirst mechanisms by drugs. Ann NY Acad Sci 157:962-76, 15 May 69
ANIMAL EXPERIMENTS/ *BARBITURATES, pharmacodynamics/ *DRINKING BEHAVIOR, drug effects/ *HYPOTHALAMUS, physiology/ INJECTIONS, SUBCUTANEOUS/ METHODS/ PHENOBARBITAL, pharmacodynamics/ RATS/ *SODIUM CHLORIDE, pharmacodynamics/ *THIRST/ TIME FACTORS

3074. **Schmidt R:** Erfahrungen mit einem neuartigen Therapie-Prinzip in der dermatologischen Praxis.
Landarzt 44:1686-8, 10 Dec 68 (Ger)
FEMALE/ GLUCOCORTICOIDS, administration & dosage/ *GLUCOCORTICOIDS, therapeutic use/ HUMAN/ MALE/ OINTMENTS/ *SKIN DISEASES, drug therapy

3075. **Schneider HP, McCann SM:** Possible role of dopamine as transmitter to promote discharge of LH-releasing factor. Endocrinology 85:121-32, Jul 69
ANIMAL EXPERIMENTS/ DOPAMINE, pharmacodynamics/ *DOPAMINE, physiology/ FEMALE/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ IN VITRO/ *LH, secretion/ MALE/ *NEUROHUMORS, physiology/ NEUROSECRETION/ NOREPINEPHRINE, pharmacodynamics/ PHENTOLAMINE, pharmacodynamics/ PITUITARY GLAND, drug effects/ *PITUITARY HORMONE RELEASING FACTORS, secretion/ PRONETHALOL, pharmacodynamics/ RATS/ RECEPTORS, DRUG/ SEROTONIN, pharmacodynamics/ VAGINAL SMEARS

3076. **Schneider HP, McCann SM:** Stimulation of release of luteinizing hormone-releasing factor from hypothalamic tissue by dopamine in vitro.
J Reprod Fertil 18:178, Feb 69
ANIMAL EXPERIMENTS/ *DOPAMINE, pharmacodynamics/ *HYPOTHALAMUS, drug effects/ HYPOTHALAMUS, secretion/ IN VITRO/ *LH, secretion/ NOREPINEPHRINE, pharmacodynamics/ PITUITARY GLAND, secretion/ *PITUITARY HORMONE RELEASING FACTORS, secretion/ RATS/ SEROTONIN, pharmacodynamics/ SHEEP/ STIMULATION, CHEMICAL/ TISSUE CULTURE

3077. **Schneider PJ, Eytel CS:** The nephrotic syndrome in an elderly woman. An unusual association with an unusual response to therapy.
Geriatrics 24:147-52, Jun 69
AGED/ BIOPSY/ BODY WEIGHT/ CHRONIC DISEASE/ DIAGNOSIS, DIFFERENTIAL/

EDEMA, drug therapy/ FEMALE/ HUMAN/ HYDROCHLOROTHIAZIDE, therapeutic use/ KIDNEY, pathology/ LYMPHOCYTES/ NEPHROTIC SYNDROME, diagnosis/ *NEPHROTIC SYNDROME, drug therapy/ PROTEINURIA, drug therapy/ PYELONEPHRITIS, diagnosis/ SPIRONOLACTONE, therapeutic use

3078. **Schneider T, Meyerson L:** Thyroid therapy in diabetic retinopathy. S Afr Med J 43:414-7, 5 Apr 69
ADULT/ AGED/ DIABETES MELLITUS, drug therapy/ DIABETIC RETINOPATHY, classification/ *DIABETIC RETINOPATHY, drug therapy/ DIET THERAPY/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *THYROGLOBULIN, administration & dosage

3079. **Schofield A:** Measurement of hand volumes in a normal population and its value in the diagnosis of acromegaly. J Irish Med Ass 62:217-20, Jun 69
*ACROMEGALY, diagnosis/ ADULT/ AGED/ FEMALE/ *HAND, anatomy & histology/ HUMAN/ LATERALITY/ MALE/ METHODS/ MIDDLE AGE

3080. **Schofield BM:** The importance of progesterone in the maintenance of pregnancy in the sheep. Postgrad Med J 45:68-9, Jan 69
ANIMAL EXPERIMENTS/ FEMALE/ LABOR, drug effects/ PLACENTA, physiology/ PREGNANCY/ *PREGNANCY, ANIMAL/ *PROGESTERONE, pharmacodynamics/ SHEEP/ UTERUS, physiology

3081. **Schöll A, Fischbach H, Mörl F, et al:** Ergebnisse der Behandlung des Mamma-Karzinoms der Frau mit gegengeschlechtlichen Hormonen unter Berücksichtigung der Barrschen Zellkernkörper. Verh Deutsch Ges Path 52:426-30, 1968 (Ger)
*ANDROGENS, therapeutic use/ *BREAST NEOPLASMS, drug therapy/ BREAST NEOPLASMS, mortality/ BREAST NEOPLASMS, radiotherapy/ BREAST NEOPLASMS, surgery/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *SEX CHROMATIN, analysis

3082. **Schollberg K, Seiler E, Holtorff J:** Die Ausscheidung von Testosteron und Epitestosteron bei Frauen am Ende der Schwangerschaft.
Acta Endocr (Kobenhavn) 60:579-85, Apr 69 (Ger)
ANDROSTANES, urine/ CHEMISTRY, CLINICAL/ CHROMATOGRAPHY, THIN LAYER/ FEMALE/ HUMAN/ 17-KETOSTEROIDS, urine/ MALE/ *PREGNANCY/ TESTOSTERONE, isolation & purification/ *TESTOSTERONE, urine

3083. **Scholz H:** Indikationen, Methodik und Ergebnisse der hormonalen Laktationshemmung und -unterdrückung. Med Welt 27:1617-9, 8 Jul 67 (Ger)
ADULT/ *ESTRADIOL, pharmacodynamics/ FEMALE/ HUMAN/ *LACTATION, drug effects/ *NORETHINDRONE, pharmacodynamics/ *TESTOSTERONE, pharmacodynamics

3084. **Schöning FW:** Drei andrologische Demonstrationen. Med Welt 49:2719-21, Dec 68 (Ger)
ADULT/ CASE REPORT/ HUMAN/ *KLINEFELTER'S SYNDROME, pathology/ MALE/ *MUMPS, complications/ *ORCHITIS, pathology/ *SERTOLI CELL TUMOR, pathology

3085. **Schönthal H, Kyambi J:** Die Bedeutung der inspiratorischen Sekundenkapazität für die Diagnose von stenosierenden Prozessen im Bereich des Kehlkopfes und der Trachea.
Z Laryng Rhinol Otol 48:427-35, Jun 69 (Ger)
ENGLISH ABSTRACT/ GOITER, complications/ HUMAN/ *LARYNGEAL DISEASES, diagnosis/ LARYNGEAL DISEASES, radiography/ LARYNGEAL NEOPLASMS, complications/ MIDDLE AGE/ *SPIROMETRY/ *TRACHEAL STENOSIS, diagnosis/ TRACHEAL STENOSIS, radiography

3086. **Schotland DL:** An electron microscopic study of target fibers, target-like fibers and related abnormalities in human muscle.
J Neuropath Exp Neurol 28:214-28, Apr 69
ACROMEGALY, complications/ ACROMEGALY, pathology/ ADULT/ BIOPSY/ CELL NUCLEUS/ CHILD/ HISTOCYTOCHEMISTRY/ HUMAN/ MALE/ MICROSCOPY, ELECTRON/ MITOCHONDRIA, MUSCLE/ *MUSCLES, pathology/ MUSCULAR DISEASES, etiology/ *MUSCULAR DISEASES, pathology/ *MYOFIBRILS/ *PERIPHERAL NERVE DISEASES, pathology

3087. **Schottenfeld D, Berg JW, Vitsky B:** Incidence of multiple primary cancers. II. Index cancers arising in the stomach and lower digestive system.
J Nat Cancer Inst 43:77-86, Jul 69
BILE DUCT NEOPLASMS, occurrence/ BLADDER NEOPLASMS, occurrence/ BREAST NEOPLASMS, occurrence/ CARCINOMA/ CECAL NEOPLASMS, occurrence/ COLONIC NEOPLASMS, occurrence/ ENDOMETRIUM/ FEMALE/ FOLLOW-UP STUDIES/ GYNECOLOGIC NEOPLASMS, occurrence/ HUMAN/ *INTESTINAL NEOPLASMS, occurrence/ INTESTINE, LARGE/ INTESTINE, SMALL/ LIVER NEOPLASMS, occurrence/ METHODS/ *NEOPLASMS, MULTIPLE PRIMARY, occurrence/ NEW YORK/ OVARIAN NEOPLASMS, occurrence/ PANCREATIC NEOPLASMS, occurrence/ RECTAL NEOPLASMS, occurrence/ SIGMOID NEOPLASMS, occurrence/ *STOMACH NEOPLASMS, occurrence/ UNITED STATES

3088. **Schramm H:** Die Beeinflussung des experimentellen Ulkus bei der immobilisierten Ratte durch verschiedene Pharmaka.
Deutsch Z Verdau Stoffwechselkr 28:305-12, 1968 (Ger)
ANIMAL EXPERIMENTS/ ANTIHISTAMINICS, therapeutic use/ ATROPINE, therapeutic use/ *AUTONOMIC DRUGS, therapeutic use/ CHLORPROMAZINE, therapeutic use/ COLD/ *ESTROGENS, therapeutic use/ FEMALE/ GASTRIC MUCOSA, pathology/ IMMOBILIZATION/ KALLIKREIN, therapeutic use/ MALE/ NEOSTIGMINE, therapeutic use/ PAPAVERINE, therapeutic use/ PROMETHAZINE, therapeutic use/ RATS/ SEX FACTORS/ STATISTICS/ STOMACH, pathology/ *STOMACH ULCER/ STOMACH ULCER, etiology/ *STOMACH ULCER, prevention & control/ *STRESS, PSYCHOLOGIC, complications/ SYMPATHOMIMETICS, therapeutic use/ *TRANQUILIZING AGENTS, therapeutic use

3089. **Schreiber H, Schneck P:** Die Behandlung des Ovarialkarzinoms an der Frauenklinik der Medizinischen Akademie Dresden und ihre Ergebnisse.
Z Aerztl Fortbild (Jena) 63:167-70, 1 Feb 69 (Ger)
ADENOCARCINOMA, drug therapy/ ADENOCARCINOMA, radiotherapy/ ADENOCARCINOMA, surgery/ *ADENOCARCINOMA, therapy/ ADULT/ AGED/ COBALT ISOTOPES, therapeutic use/ CYCLOPHOSPHAMIDE, adverse effects/ CYCLOPHOSPHAMIDE, therapeutic use/ FEMALE/ FOLLOW-UP STUDIES/ GERMANY, EAST/ HUMAN/ MIDDLE AGE/ OVARIAN NEOPLASMS, drug therapy/ OVARIAN NEOPLASMS, radiotherapy/ OVARIAN NEOPLASMS, surgery/ *OVARIAN NEOPLASMS, therapy/ RADIOISOTOPE TELETHERAPY

3090. **Schreiber V, Zbukzová-Kmentová V, Zbuzek V:** The blocking effect of thyroidectomy on adrenal and ovarian hypertrophy produced by aminoglutethimide feeding in rats. J Endocr 42:349-50, Oct 68
*ADRENAL GLANDS, drug effects/ AMINOGLUTETHIMIDE/ *ANILINE COMPOUNDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ANTICONVULSANTS, pharmacodynamics/ FEMALE/ HYPERTROPHY, chemically induced/ ORGAN WEIGHT/

*OVARY, drug effects/ *PYRIDONES, pharmacodynamics/ RATS/ *THYROIDECTOMY

3091. **Schreier S, Cilento G:** Pyridine coenzymes. VII. Catalysis of the hydration of the reduced form by iodoaromatic compounds.
Biochemistry (Wash) 8:2140-5, May 69
*CASEIN/ CATALYSIS/ CHEMISTRY/ *COENZYMES/ DIIODOTYROSINE/ HYDROGEN-ION CONCENTRATION/ *IODINE/ KINETICS/ *NAD/ *NICOTINAMIDE/ NUCLEAR MAGNETIC RESONANCE/ *NUCLEOTIDES/ *PHENOLS/ PYRIDINES/ *THYROGLOBULIN/ *THYROID HORMONES/ THYRONINE

3092. **Schroeder JS, Popp RL, Stinson EB, et al:** Acute rejection following cardiac transplantation. Phonocardiographic and ultrasound observations.
Circulation 40:155-64, Aug 69
ADULT/ ANTILYMPHOCYTE SERUM, therapeutic use/ AZATHIOPRINE, therapeutic use/ ELECTROCARDIOGRAPHY/ FEMALE/ *HEART, transplantation/ HEART AUSCULTATION/ HEART FAILURE, CONGESTIVE, drug therapy/ HUMAN/ MALE/ MIDDLE AGE/ PHONOCARDIOGRAPHY/ PREDNISONE, therapeutic use/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY/ ULTRASONICS, diagnostic use

3093. **Schrögendorfer F:** Ovulationshemmung durch Hormone.
Oest Hebammenzeitung 15:77-9 concl, Aug 68 (Ger)
CONTRACEPTIVES, ORAL, pharmacodynamics/ MENSTRUATION DISORDERS, drug therapy/ OVULATION, drug effects/ SPECIAL LIST NURSING/ STERILITY, FEMALE, drug therapy

3094. **Schubert G:** Exophthalmus caused by thyroid tissue in the choroid layer of the eye in Coris galmard.
Wildlife Dis 5:113, Apr 69
*EXOPHTHALMOS, etiology/ *FISHES/ *THYROID GLAND, abnormalities

3095. **Schuckman H, Kling A, Orbach J:** Olfactory discrimination in monkeys with lesions in the amygdala. J Comp Physiol Psychol 67:212-5, Feb 69
AFFECT/ *AMYGDALOID BODY, physiology/ ANIMAL EXPERIMENTS/ COLOR PERCEPTION/ *DISCRIMINATION/ MONKEYS/ OLFACTORY NERVE, physiology/ *SMELL/ TASTE

3096. **Schuhmann R:** Hypotrophes reifes Kind am Termin aus placentarer Ursache (sogenannter placentarer Zwerg) Beitr Path Anat 138:426-35, 1969 (Ger)
ADULT/ BIRTH WEIGHT/ BODY HEIGHT/ DWARFISM, congenital/ *DWARFISM, etiology/ ENGLISH ABSTRACT/ FEMALE/ GESTATIONAL AGE/ HUMAN/ INFANT, NEWBORN/ INFARCTION/ *PLACENTA, pathology/ PREGNANCY/ *PREGNANCY COMPLICATIONS

3097. **Schulitz KP:** Spondylodiszitis bei Morbus Bechterew.
Med Klin 64:593-7, 28 Mar 69 (Ger)
ADULT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ INTERVERTEBRAL DISK DISPLACEMENT, diagnosis/ *INTERVERTEBRAL DISK DISPLACEMENT, etiology/ INTERVERTEBRAL DISK DISPLACEMENT, radiography/ LUMBAR VERTEBRAE, radiography/ MALE/ MIDDLE AGE/ OSTEOPOROSIS, radiography/ *SPONDYLITIS, ANKYLOSING, complications/ SPONDYLITIS, ANKYLOSING, radiography/ THORACIC VERTEBRAE, radiography/ TUBERCULOSIS, SPINAL, diagnosis

3098. **Schultz RH, Burcalow HB, Fahning ML, et al:** A karyometric study of epithelial cells lining the glands of the bovine endometrium.
J Reprod Fertil 19:169-71, Jun 69
ANIMAL EXPERIMENTS/ CASTRATION/ CATTLE/ *CELL NUCLEUS/ *ENDOMETRIUM, cytology/ ENDOMETRIUM, drug effects/ EPITHELIUM, cytology/ ESTRADIOL, pharmacodynamics/ FEMALE/ PROGESTERONE, pharmacodynamics

3099. **Schulz G:** Verhütet Fieber Karzinome?
Munchen Med Wschr 111:1051-2, 2 May 69 (Ger)
BREAST NEOPLASMS, occurrence/ BRONCHIAL NEOPLASMS, occurrence/ ESOPHAGEAL NEOPLASMS, occurrence/ *FEVER/ GALLBLADDER NEOPLASMS, occurrence/ GERMANY, WEST/ HUMAN/ HYPERTHYROIDISM/ INTESTINAL NEOPLASMS, occurrence/ LIVER NEOPLASMS, occurrence/ *NEOPLASMS, prevention & control/ NEOPLASMS, therapy/ STOMACH NEOPLASMS, occurrence

3100. **Schumer W, Nyhus LM:** The role of corticoids in the management of shock.
Surg Clin N Amer 49:147-62, Feb 69 (59 ref.)
ANIMAL EXPERIMENTS/ CARBOHYDRATES, metabolism/ DRUG SYNERGISM/ GLUCOCORTICOIDS, pharmacodynamics/ *GLUCOCORTICOIDS, therapeutic use/ HEART, drug effects/ HUMAN/ LIPIDS, metabolism/ METABOLISM, drug effects/ MONKEYS/ POTASSIUM, blood/ PROTEINS, metabolism/ RATS/ REVIEW/ *SHOCK, drug therapy/ SHOCK, metabolism/ SHOCK, pathology/ SODIUM, blood/ VASCULAR RESISTANCE, drug effects

3101. **Schussler GC:** Hypercalcemia of cancer.
Ann Intern Med 70:1280, Jun 69
HUMAN/ *HYPERCALCEMIA, complications/ *NEOPLASMS, complications/ PARATHYROID HORMONE, blood

3102. **Schüssling G, Radzuweit H:** Zur Uebertragung in der Schwangerschaft.
Zbl Gynaek 90:1705-29, 21 Dec 68 (Ger)
AMNIOTIC FLUID, analysis/ BILIRUBIN, blood/ BODY WEIGHT/ COLPOSCOPY/ CYTODIAGNOSIS/ DELIVERY/ DIAGNOSIS, DIFFERENTIAL/ FASTING/ FEMALE/ GERMANY, EAST/ HUMAN/ INFANT MORTALITY/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, blood/ INFANT, NEWBORN, DISEASES, occurrence/ LABOR, INDUCED/ OXYTOCIN, diagnostic use/ OXYTOCIN, therapeutic use/ *PLACENTA/ PREGNANCY/ PREGNANCY COMPLICATIONS, diagnosis/ PREGNANCY COMPLICATIONS, surgery/ PREGNANCY COMPLICATIONS, therapy/ *PREGNANCY, PROLONGED/ STATISTICS/ UTERUS, physiology/ VAGINAL SMEARS

3103. **Schutta HS, Armitage JL:** Thyrotoxic hypokalemic periodic paralysis.
J Neuropath Exp Neurol 28:321-36, Apr 69
ADULT/ CYTOPLASM/ ENDOPLASMIC RETICULUM/ HUMAN/ HYPERTHYROIDISM, complications/ *HYPERTHYROIDISM, pathology/ HYPOKALEMIA, pathology/ MALE/ MICROSCOPY, ELECTRON/ MITOCHONDRIA, MUSCLE/ *MUSCLES, pathology/ MYOFIBRILS/ NECROSIS/ PARESIS, etiology/ *PARESIS, pathology

3104. **Schütterle G, Schultis K:** Therapeutische Praxis. XV. Die Behandlung des nephrotischen Syndroms.
Med Welt 11:729-32, 16 Mar 68 (Ger)
ALDOSTERONE, antagonists & inhibitors/ ANABOLIC STEROIDS, therapeutic use/ ANTIBIOTICS, therapeutic use/ CORTICOTROPIN, therapeutic use/ DIURETICS, therapeutic use/ HUMAN/ *NEPHROTIC SYNDROME, drug therapy/ PREDNISOLONE, therapeutic use

3105. **Schütz S, Meyer K, Krätzer H:** Guanylhydrazone mit einer positiv inotropen Herzwirkung.
Arzneimittelforschung 19:69-75, Jan 69 (Ger)
ADRENAL CORTEX HORMONES/ ANIMAL EXPERIMENTS/ CHEMISTRY, PHARMACEUTICAL/ COMPARATIVE STUDY/ GUANIDINES/ GUINEA PIGS/ *HEART, drug effects/ HEART ATRIUM, drug effects/ HYDRAZINES, chem synthesis/ HYDRAZINES, pharmacodynamics/ METHODS/

MINERALOCORTICOIDS/ MUSCLE CONTRACTION, drug effects/ PROGESTATIONAL HORMONES/ *STEROIDS, pharmacodynamics

3106. **Schuurs AH:** Estimation of LH in unconcentrated urine by a modified haemagglutination-inhibition reaction.
J Endocr 43:xx, Jan 69
ADULT/ ANIMAL EXPERIMENTS/ CHILD/ ERYTHROCYTES/ FEMALE/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ *LH, urine/ MALE/ MENOPAUSE/ METHODS/ OVULATION/ RABBITS/ SHEEP

3107. **Schwandt P, Lindlbauer R, Knedel M:** Zur Wirkung von Strophanthin, Nikotinsäure und kalium-freiem Inkubationsmedium auf die durch ACTH stimulierte Lipolyse freier Fettzellen.
Clin Chim Acta 24:267-74, May 69 **(Ger)**
ADENOSINE TRIPHOSPHATASE, antagonists & inhibitors/ ADENYL CYCLASE/ ADIPOSE TISSUE, cytology/ ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ *CORTICOTROPIN, pharmacodynamics/ DEPRESSION, CHEMICAL/ DRUG SYNERGISM/ EPIDIDYMIS/ FATTY ACIDS, NONESTERIFIED, metabolism/ *LIPIDS, metabolism/ MALE/ *NICOTINIC ACID, pharmacodynamics/ *OUABAIN, pharmacodynamics/ PHOSPHATASES, metabolism/ *POTASSIUM, pharmacodynamics/ RATS/ STIMULATION, CHEMICAL/ TIME FACTORS

3108. **Schwartz A, Allen JC, Harigaya S:** Possible involvement of cardiac Na+, K+-adenosine triphosphatase in the mechanism of action of cardiac glycosides. J Pharmacol Exp Ther 168:31-41, Jul 69
ADENOSINE TRIPHOSPHATASE, antagonists & inhibitors/ ADENOSINE TRIPHOSPHATASE, metabolism/ *ADENOSINE TRIPHOSPHATASE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ CATTLE/ DIGOXIN, metabolism/ *DIGOXIN, pharmacodynamics/ DOGS/ MITOCHONDRIA, enzymology/ MITOCHONDRIA, metabolism/ MYOCARDIUM, enzymology/ MYOCARDIUM, metabolism/ OUABAIN, metabolism/ *OUABAIN, pharmacodynamics/ POTASSIUM, metabolism/ *POTASSIUM, pharmacodynamics/ PROTEIN BINDING/ SODIUM, metabolism/ *SODIUM, pharmacodynamics/ SPECTROPHOTOMETRY/ TEMPERATURE/ TIME FACTORS/ TRITIUM

3109. **Schwartz BA, Faye C, Seguy M, et al:** An EEG study of water intoxication in the Schwartz-Bartter syndrome.
Electroenceph Clin Neurophysiol 26:639, Jun 69
BRONCHIAL NEOPLASMS, physiopathology/ CARCINOMA, physiopathology/ ELECTROENCEPHALOGRAPHY/ HUMAN/ *HYPONATREMIA, physiopathology/ MIDDLE AGE/ *NATRIURESIS/ NEOPLASM METASTASIS/ *VASOPRESSIN, secretion/ *WATER INTOXICATION, physiopathology

3110. **Schwartz DT, Buda JA, Sommers SC:** The effect of portacaval transposition and renal artery stenosis on the rejection of renal allografts in dogs.
J Surg Res 9:455-60, Aug 69
ANGIOTENSINASE, blood/ BIOPSY/ BLOOD PRESSURE/ DOGS/ EDEMA, complications/ HEMORRHAGE, complications/ HISTOCOMPATIBILITY/ HUMAN/ *HYPERTENSION, RENAL, prevention & control/ *KIDNEY, transplantation/ LIVER, blood supply/ LIVER, pathology/ NECROSIS/ *PORTACAVAL ANASTOMOSIS/ PORTACAVAL TRANSPOSITION/ POSTOPERATIVE COMPLICATIONS/ REGIONAL BLOOD FLOW/ *RENAL ARTERY, surgery/ RENIN, antagonists & inhibitors/ RESERPINE, pharmacodynamics/ SUPPURATION/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY

3111. **Schwartz E, Tornaben JA, Boxill GC:** Effects of chronic oral administration of a long-acting estrogen, quinestrol, to dogs.
Toxic Appl Pharmacol 14:487-94, May 69
ALOPECIA, chemically induced/ ANIMAL EXPERIMENTS/ DELAYED-ACTION PREPARATIONS/ DOGS/ ENDOMETRIAL HYPERPLASIA, chemically induced/ ESTROGENS/ ESTROGENS, administration & dosage/ *ESTROGENS, toxicity/ FEMALE/ GENITALIA, FEMALE, drug effects/ GENITALIA, MALE, drug effects/ HYPERTROPHY, chemically induced/ INGUINAL HERNIA, chemically induced/ LEUKOCYTE COUNT/ MALE/ MAMMAE, drug effects/ NECROSIS, chemically induced/ NEUTROPHILS/ ORGAN WEIGHT/ PROSTATIC DISEASES, chemically induced

3112. **Schwartz J, Bloch R, Imbs JL, et al:** Rénine et hypertensio artérielle.
Presse Med 77:237-40, 8 Feb 69 **(Fre)**
ADOLESCENCE/ ADULT/ AGED/ ANGIOGRAPHY/ *ANGIOTENSIN, blood/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERTENSION, blood/ HYPERTENSION, complications/ HYPERTENSION, etiology/ HYPERTENSION, surgery/ HYPERTENSION, MALIGNANT, blood/ *HYPERTENSION, RENAL, blood/ ISCHEMIA/ MALE/ MIDDLE AGE/ MUSCULAR DISEASES/ POSTURE/ *RENAL ARTERY OBSTRUCTION, blood/ *RENIN, blood/ UROGRAPHY

3113. **Schwarz F, Riet HG van, Haar DJ ter, et al:** The reaction of growth hormone (GH), insuline, FFA and glucose to exercise in obese patients and in normal subjects.
Pol Arch Med Wewnet 42:531-42, 1969
*BLOOD SUGAR, analysis/ *EXERCISE THERAPY/ *FATTY ACIDS, NONESTERIFIED, blood/ HUMAN/ *INSULIN, blood/ *OBESITY, metabolism/ *SOMATOTROPIN, blood

3114. **Schwarz G:** Kompensation artifizieller Hyperkalzämien in Abhängigkeit von der Schilddrüsenfunktion.
Med Klin 64:537-9, 21 Mar 69 **(Ger)**
ADULT/ CALCIUM, metabolism/ *CALCIUM, metabolism/ FEMALE/ HUMAN/ HYPERCALCEMIA, chemically induced/ *HYPERCALCEMIA, metabolism/ HYPERTHYROIDISM, metabolism/ HYPOTHYROIDISM, metabolism/ PROTEIN-BOUND IODINE TEST/ THYROCALCITONIN/ *THYROID GLAND, metabolism

3115. **Schwarzenberg L, Mathé G, Hayat M, et al:** Une nouvelle combinaison de méthotrexate et d'acide folnique pour le traitement des cancers. (Leucémies aiguës et tumeurs solides)
Presse Med 77:385-8, 1 Mar 69 **(Fre)**
AGRANULOCYTOSIS, etiology/ ANGIOSARCOMA, drug therapy/ *ANTINEOPLASTIC AGENTS/ BREAST NEOPLASMS, drug therapy/ *CITROVORUM FACTOR, administration & dosage/ ENGLISH ABSTRACT/ FEMALE/ *HODGKIN'S DISEASE, drug therapy/ HUMAN/ KIDNEY NEOPLASMS, drug therapy/ *LEUKEMIA, LYMPHOCYTIC, drug therapy/ LEUKEMIA, MONOBLASTIC, drug therapy/ *LEUKEMIA, MYELOBLASTIC, drug therapy/ LUNG NEOPLASMS, radiography/ LYMPHOSARCOMA, drug therapy/ MALE/ MELANOMA, drug therapy/ METHOTREXATE, administration & dosage/ PANCREATIC NEOPLASMS, drug therapy/ RECTAL NEOPLASMS, drug therapy/ RHABDOMYOSARCOMA, drug therapy/ SARCOMA, OSTEOGENIC, drug therapy/ SARCOMA, RETICULUM CELL, drug therapy/ TESTICULAR NEOPLASMS, drug therapy/ THROMBOPENIA, etiology

3116. **Schweppe JS, Jungmann RA:** The effect of hormones on hepatic cholesterol ester synthesis in vitro.
Proc Soc Exp Biol Med 131:868-70, Jul 69
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ *CHOLESTEROL, metabolism/ ESTERS, biosynthesis/ *ESTRADIOL, pharmacodynamics/ *GLUCAGON, pharmacodynamics/ IN VITRO/ LIGASES, metabolism/ *LINOLEIC ACID, metabolism/

LIVER, cytology/ LIVER, drug effects/ LIVER, enzymology/ *LIVER, metabolism/ MALE/ MICROSOMES, drug effects/ MICROSOMES, enzymology/ *MICROSOMES, metabolism/ *OLEIC ACID, metabolism/ *PALMITIC ACID, metabolism/ RATS/ STIMULATION, CHEMICAL/ TESTOSTERONE, pharmacodynamics/ *THYROXINE, pharmacodynamics/ TRITIUM

3117. **Schwoerbel J:** Okologie der Süsswassertiere. Stehende Gewässer. Fortschr Zool 19:283-321, 1968 **(Ger)**
ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ *CILIATA/ CONSUMMATORY BEHAVIOR/ *CRUSTACEA/ *ECOLOGY/ *FISHES/ GENETICS, POPULATION/ *INSECTS/ *MOLLUSCA/ OXYGEN CONSUMPTION/ *PLANKTON/ REPRODUCTION/ SYMBIOSIS/ WATER-ELECTROLYTE BALANCE

3118. **Scommegna A:** Estrogen assays in the clinical practice of gynecology and obstetrics.
Obstet Gynec Survey 24:387-95, May 69 (29 ref.)
BIOLOGICAL ASSAY/ ESTRADIOL, metabolism/ ESTRIOL, metabolism/ ESTROGENS, analysis/ ESTROGENS, metabolism/ *ESTROGENS, urine/ ESTRONE, metabolism/ FEMALE/ *GYNECOLOGIC DISEASES, urine/ HUMAN/ MATERNAL-FETAL EXCHANGE/ PREGNANCY/ PREGNANCY COMPLICATIONS, metabolism/ *PREGNANCY COMPLICATIONS, urine/ REVIEW

3119. **Scott P:** Osteodystrophies. Vet Rec 84:333-5, 29 Mar 69
BONE DEVELOPMENT/ BONE DISEASES, diagnosis/ BONE DISEASES, metabolism/ BONE DISEASES, therapy/ *BONE DISEASES, veterinary/ BONE NEOPLASMS, etiology/ CALCINOSIS/ *CAT DISEASES/ CATS/ DIET THERAPY/ NUTRITION DISORDERS, complications/ OSTEOBLASTS, metabolism/ OSTEOGENESIS IMPERFECTA, etiology/ OSTEOMALACIA, etiology/ PROGNOSIS/ VITAMIN A

3120. **Scowcroft WR, Green MM, Latter BD:** Dosage at the scute locus, and canalisation of anterior and posterior scutellar bristles in Drosophila melanogaster.
Genetics 60:373-88, Oct 68
ALLELES/ ANIMAL EXPERIMENTS/ DROSOPHILA/ FEMALE/ *GENETICS/ *GENOTYPE/ MALE/ MODELS, BIOLOGIC/ *PHENOTYPE/ SEX CHROMOSOMES/ VARIATION (GENETICS)

3121. **Scranton JR, Nissen WM, Halmi NS:** The kinetics of the inhibition of thyroidal iodide accumulation by thiocyanate: a reexamination.
Endocrinology 85:603-7, Sep 69
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ CELL MEMBRANE PERMEABILITY, drug effects/ COMPUTERS, DIGITAL/ DEFICIENCY DISEASES, metabolism/ DEPRESSION, CHEMICAL/ *IODIDES, metabolism/ IODINE/ IODINE, blood/ IODINE ISOTOPES/ KINETICS/ MALE/ MODELS, BIOLOGIC/ PROPYLTHIOURACIL, pharmacodynamics/ RATS/ *THIOCYANATES, pharmacodynamics/ THYROID GLAND, drug effects/ *THYROID GLAND, metabolism

3122. **Scriba PC:** Die diagnostische Wertigkeit des Trijodthyronin-Tests.
Deutsch Med Wschr 94:1455-6, 11 Jul 69 **(Ger)**
HUMAN/ *PROTEIN-BOUND IODINE TEST, standards/ *THYROID HORMONES, blood/ THYROXINE, blood/ TRIIODOTHYRONINE, blood/ *TRIIODOTHYRONINE, diagnostic use

3123. **Seecof RL, Kaplan WD, Futch DG:** Dosage compensation for enzyme activities in Drosophila melanogaster.
Proc Nat Acad Sci USA 62:528-35, Feb 69
ANIMAL EXPERIMENTS/ CHROMOSOMES/ *DROSOPHILA, enzymology/ FEMALE/ GENES, REGULATOR/ *GENES, STRUCTURAL/ GENETICS, BIOCHEMICAL/ *GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ MALE/ PHENOTYPE/ *PHOSPHOGLUCONATE DEHYDROGENASE, metabolism/ *SEX CHROMOSOMES/ SEX FACTORS

3124. **Seeley BA, Abrahamson S:** The modification of x-ray-induced chromosome changes with anoxia in different oocyte stages of Drosophila melanogaster.
Mutat Res 7:225-30, Mar-Apr 69
ANIMAL EXPERIMENTS/ *CHROMOSOME ABERRATIONS, drug effects/ *CHROMOSOME ABERRATIONS, radiation effects/ DROSOPHILA/ FEMALE/ MALE/ NITROGEN, pharmacodynamics/ *OVUM, drug effects/ *OVUM, radiation effects/ *OXYGEN, pharmacodynamics/ *RADIATION GENETICS/ SEX CHROMOSOMES

3125. **Seeliger H, Koch HR:** Uber familiäre kongenitale Nebennierenhypoplasie mit Nebennierenrindeninsuffizienz.
Verh Deutsch Ges Path 52:481-5, 1968 **(Ger)**
*ADRENAL GLAND DISEASES, familial & genetic/ *ADRENAL GLAND HYPOFUNCTION, complications/ *ADRENAL GLANDS, abnormalities/ ENGLISH ABSTRACT/ HUMAN/ INFANT, NEWBORN/ MALE/ PIGMENTATION DISORDERS, familial & genetic/ VOMITING, familial & genetic

3126. **Seeman A, Saracino R, Bourdin JS, et al:** Etude des 17-cétostéroïdes et des 17-hydroxycorticostéroïdes plasmatique chez des hommes atteints de cancer du sein.
C R Acad Sci [D] (Paris) 268:1833-6, 31 Mar 69 **(Fre)**
ADULT/ AGED/ *BREAST NEOPLASMS, blood/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, blood/ 17-HYDROXYCORTICOSTEROIDS, metabolism/ *17-KETOSTEROIDS, blood/ 17-KETOSTEROIDS, metabolism/ KLINEFELTER'S SYNDROME, complications/ MALE/ MIDDLE AGE

3127. **Seewald K:** Zur Osteoarthropathia diabetica--Bericht über einen Fall in Verbindung mit einer Studie über die Belastungsverhältnisse des menschlichen Fusses.
Wien Klin Wschr 81:53-4 passim, 17 Jan 69 **(Ger)**
BIOPSY/ CASTS, SURGICAL/ *DIABETIC NEUROPATHIES, complications/ *FOOT, physiology/ HUMAN/ JOINT DISEASES, etiology/ JOINT DISEASES, physiopathology/ JOINT DISEASES, radiography/ JOINT DISEASES, surgery/ MALE/ MATHEMATICS/ METATARSUS, pathology/ MIDDLE AGE/ *OSTEOPOROSIS, complications/ OSTEOPOROSIS, pathology/ *TARSAL JOINT

3128. **Seibel HR, Schweisthal MR:** Relationships between the pineal gland and the gonads of single and parabiosed golden hamsters. J Reprod Fertil 18:179, Feb 69
ADRENAL GLANDS, anatomy & histology/ ANIMAL EXPERIMENTS/ BLINDNESS/ FEMALE/ *GONADS, physiology/ HAMSTERS/ MALE/ ORGAN WEIGHT/ OVARY, anatomy & histology/ *PARABIOSIS/ *PINEAL BODY, physiology/ PITUITARY GLAND, anatomy & histology/ SEMINAL VESICLES, anatomy & histology/ TESTIS, anatomy & histology/ UTERUS, anatomy & histology

3129. **Seif FJ, Faber K:** 2-Desoxy-D-Glukose zur Bestimmung der Funktionsreserve des Nebennierenmarks beim Morbus Addison. Med Welt 42:2264-7, 19 Oct 68 **(Ger)**
*ADDISON'S DISEASE, blood/ *ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, pathology/ DIAGNOSIS, DIFFERENTIAL/ FATTY ACIDS, NONESTERIFIED, blood/ GLUCOSE, blood/ *GLUCOSE, pharmacodynamics/ *GLYCOLYSIS/ HUMAN/ TUBERCULOSIS, diagnosis

3130. **Seif FJ, Guglielmi H:** Der Einfluss von 2-Thiourazil und Thiamazol auf die Aktivität der L-alpha-Glyzerophosphat-oxidase der Rattenleber in Abhängigkeit von L-Thyroxin, L-3',3,5-Trijodthyronin und L-3'-Isopropyl-3,5-dijodthyronin.
Acta Endocr (Kobenhavn) 60:696-704, Apr 69 **(Ger)**
ANIMAL EXPERIMENTS/ FEMALE/

*GLYCEROLPHOSPHATE DEHYDROGENASE, metabolism/ *IMIDAZOLES, pharmacodynamics/ LIVER, drug effects/ *LIVER, enzymology/ METHIMAZOLE, pharmacodynamics/ *MITOCHONDRIA, LIVER, enzymology/ RATS/ STIMULATION, CHEMICAL/ *THIOURACIL, pharmacodynamics/ *THYROID ANTAGONISTS, pharmacodynamics/ THYROIDECTOMY/ *THYROXINE, pharmacodynamics/ *TRIIODOTHYRONINE, pharmacodynamics

3131. **Seifart KH, Sekeris CE:** Extraction and purification of DNA-dependent RNA polymerase from rat liver nuclei. Europ J Biochem 7:408-12, Jan 69
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ *CELL NUCLEUS, enzymology/ CENTRIFUGATION, DENSITY GRADIENT/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ *DNA/ ELECTROPHORESIS/ HYDROCORTISONE/ *LIVER, enzymology/ MAGNESIUM/ MALE/ MANGANESE/ MERCAPTOETHANOL/ NUCLEOTIDES/ RATS/ *RNA NUCLEOTIDYL- TRANSFERASES, isolation & purification/ SOLUBILITY/ TEMPLATES/ ULTRASONICS

3132. **Seifert G, Dulawa AG:** Zur Hemmwirkung von Phosphatverbindungen auf die experimentelle Gefässcalcinose. Beitr Path Anat 139:59-73, 1969 (Ger)
ANIMAL EXPERIMENTS/ AORTA, metabolism/ AORTA, pathology/ *ARTERIES, pathology/ CALCINOSIS, chemically induced/ *CALCINOSIS, pathology/ CORONARY VESSELS, pathology/ DIHYDROTACHYSTEROL, adverse effects/ *DIHYDROTACHYSTEROL, antagonists & inhibitors/ ENGLISH ABSTRACT/ FEMALE/ GLYCEROPHOSPHATES, pharmacodynamics/ HISTOLOGICAL TECHNICS/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, SUBCUTANEOUS/ *KIDNEY, pathology/ MYOCARDIUM, pathology/ NEPHROCALCINOSIS, chemically induced/ *NEPHROCALCINOSIS, pathology/ PHOSPHATASES, metabolism/ PHOSPHATES, pharmacodynamics/ PULMONARY ARTERY, pathology/ *PYROPHOSPHATES, pharmacodynamics/ RATS/ VASCULAR DISEASES, chemically induced/ *VASCULAR DISEASES, pathology

3133. **Seigel DG, Markush RE:** Oral contraceptives and relative risk of death from venous and pulmonary thromboembolism in the United States.
Amer J Epidem 90:11-6, Jul 69
ADULT/ CAUCASIAN RACE/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ NEGROID RACE/ PULMONARY EMBOLISM, chemically induced/ *PULMONARY EMBOLISM, mortality/ THROMBOEMBOLISM, chemically induced/ THROMBOEMBOLISM, mortality/ *THROMBOEMBOLISM, mortality/ UNITED STATES

3134. **Seiler E, Scholiberg K, Sengebusch WD:** Zur 17-Ketosteroid- und Testosteronbestimmung im Harn von Spätschwangeren.
Z Aerztl Fortbild (Jena) 63:137-9, 1 Feb 69 (Ger)
CHROMATOGRAPHY, THIN LAYER/ DIURETICS, pharmacodynamics/ FEMALE/ FLUORESCENCE/ GESTATIONAL AGE/ HUMAN/ 17-KETOSTEROIDS, secretion/ *17-KETOSTEROIDS, urine/ *PREGNANCY/ TESTOSTERONE, secretion/ *TESTOSTERONE, urine/ WATER-ELECTROLYTE BALANCE

3135. **Seip M, Harboe M, Cyvin K:** Chronic autoimmune hemolytic anemia in childhood with cold antibodies, aplastic crises, and familial occurrence.
Acta Paediat Scand 58:275-80, May 69
ADOLESCENCE/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, blood/ *ANEMIA, HEMOLYTIC, AUTOIMMUNE, familial & genetic/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, immunology/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, therapy/ ANTIBODIES/ BLOOD TRANSFUSION/ BONE MARROW DISEASES/ CHILD/ CHRONIC DISEASE/ COLD/ COOMBS' TEST/ FEMALE/ GAMMA GLOBULIN, 7S/ GAMMA GLOBULIN, 19S/ HUMAN/ IMMUNOELECTROPHORESIS/ PREDNISONE, therapeutic use

3136. **Seitanidis B, Moss DW:** Serum alkaline phosphatase and 5'-nucleotidase levels during normal pregnancy.
Clin Chim Acta 25:183-4, Jul 69
*ALKALINE PHOSPHATASE, blood/ FEMALE/ GEL FILTRATION/ HUMAN/ *NUCLEOTIDASES, blood/ PLACENTA, enzymology/ *PREGNANCY/ TIME FACTORS

3137. **Selinger M, Levitz M:** Diurnal variation of total plasma estriol levels in late pregnancy.
J Clin Endocr 29:995-7, Jul 69
CHEMISTRY, CLINICAL/ *CIRCADIAN RHYTHM/ *ESTRIOL, blood/ FEMALE/ FETUS, metabolism/ HUMAN/ MATERNAL-FETAL EXCHANGE/ METABOLIC CLEARANCE RATE/ PERIODICITY/ *PREGNANCY

3138. **Seljelid R, Nakken KF:** Endocytosis of thyroglobulin and the release of thyroid hormone.
Scand J Clin Lab Invest 22:Suppl 106:125+, 1968
ADENOSINE CYCLIC 3',5'-PHOSPHATE, physiology/ CALCIUM, physiology/ CELL MEMBRANE/ DACTINOMYCIN, pharmacodynamics/ HYPOPHYSECTOMY/ IONS/ *PHAGOCYTOSIS/ PHAGOCYTOSIS, drug effects/ *PINOCYTOSIS/ PINOCYTOSIS, drug effects/ *THYROGLOBULIN/ THYROID GLAND, cytology/ THYROID GLAND, metabolism/ *THYROID GLAND, secretion/ THYROTROPIN, antagonists & inhibitors/ THYROTROPIN, pharmacodynamics

3139. **Seller RH:** Idiopathic orthostatic hypotension. Report of successful treatment with a new form of therapy.
Amer J Cardiol 23:838-44, Jun 69
*AMPHETAMINE, therapeutic use/ ARTERIES/ BLOOD PRESSURE DETERMINATION/ CARDIAC OUTPUT/ DRUG SYNERGISM/ FLUDROCORTISONE, therapeutic use/ FOLLOW-UP STUDIES/ HEMODYNAMICS/ HUMAN/ *HYPOTENSION, ORTHOSTATIC, drug therapy/ HYPOTENSION, ORTHOSTATIC, etiology/ HYPOTENSION, ORTHOSTATIC, physiopathology/ MALE/ MIDDLE AGE/ PHENETHYLAMINES, administration & dosage/ *PHENETHYLAMINES, therapeutic use/ *PHENOLS, therapeutic use/ POSTURE/ SYMPATHETIC NERVOUS SYSTEM, innervation/ TRANYLCYPROMINE, administration & dosage/ *TRANYLCYPROMINE, therapeutic use/ VEINS

3140. **Seltenreich H:** Clocortolon in der dermatologischen Praxis. Ther Gegenw 107:1357 passim, Oct 68 (Ger)
*ADRENAL CORTEX HORMONES, therapeutic use/ HUMAN/ OINTMENTS/ *SKIN DISEASES, drug therapy

3141. **Selye H:** Spironolactone actions, independent of mineralocorticoid blockade. Steroids 13:803-8, Jun 69
ANESTHETICS, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ DEPRESSION, CHEMICAL/ *DESOXYCORTICOSTERONE, antagonists & inhibitors/ DESOXYCORTICOSTERONE, pharmacodynamics/ *DIGITOXIN, antagonists & inhibitors/ DIGITOXIN, poisoning/ ELECTROLYTES, urine/ FEMALE/ *HYDROXYDIONE, antagonists & inhibitors/ HYDROXYDIONE, pharmacodynamics/ KIDNEY, physiology/ NEPHRECTOMY/ *PROGESTERONE, antagonists & inhibitors/ PROGESTERONE, pharmacodynamics/ RATS/ *SPIRONOLACTONE, pharmacodynamics

3142. **Selye H:** Catatoxic steroids.
Canad Med Ass J 101:51-2, 12 Jul 69
ADRENAL CORTEX HORMONES, classification/ *ADRENAL CORTEX HORMONES, pharmacodynamics/ ANIMAL EXPERIMENTS/ DIGITALIS GLYCOSIDES, antagonists & inhibitors/ DIGITOXIN, antagonists & inhibitors/ DRUG TOLERANCE/

FEMALE/ GLUCOCORTICOIDS, pharmacodynamics/ RATS/ *STEROIDS

3143. **Selye H:** Die Entwicklung des Stresskonzeptes. Stress und Herzkrankheiten.
Med Welt 16:915-8 passim, 19 Apr 69 **(Ger)**
CORONARY VESSELS, pathology/ HUMAN/ *HYPERTENSION, etiology/ MESENTERIC ARTERIES, pathology/ MINERALOCORTICOIDS, physiology/ *MYOCARDIAL INFARCT, etiology/ *STRESS, complications

3144. **Seng OB, Kincaid-Smith P:** Urine concentration after pitressin administration in upper and lower urinary tract infection. Med J Aust 1:982-3, 10 May 69
ADOLESCENCE/ ADULT/ BACTERIA, physiology/ CREATININE, blood/ FEMALE/ HUMAN/ *KIDNEY, physiology/ KIDNEY CONCENTRATING ABILITY/ MALE/ MIDDLE AGE/ OSMOLAR CONCENTRATION/ *URINARY TRACT INFECTIONS, physiopathology/ *VASOPRESSIN, diagnostic use

3145. **Senior JB, Spencer-Gregson N:** The effect of bradykinin on the isolated human myometrial strip.
J Reprod Fertil 18:551-2, Apr 69
*BRADYKININ, pharmacodynamics/ CALCIUM, metabolism/ EPINEPHRINE, pharmacodynamics/ FEMALE/ HUMAN/ IN VITRO/ ISOTONIC SOLUTIONS/ MUSCLE, SMOOTH, drug effects/ NOREPINEPHRINE, pharmacodynamics/ *UTERUS, drug effects

3146. **Sentein P, Temple D:** Relations nucléocytoplasmiques dans les spermatogonies primaires de Triturus helveticus Raz. au cours de leur évolution.
C R Acad Sci [D] (Paris) 268:540-2, 20 Jan 69 **(Fre)**
ANIMAL EXPERIMENTS/ *CELL DIFFERENTIATION/ *CELL NUCLEUS/ *CYTOPLASM/ *GERM CELLS, cytology/ MICROSCOPY, ELECTRON/ OVUM/ *SALAMANDERS/ SEX DETERMINATION/ SPERMATOZOA

3147. **Sepe O:** Trattamento della miastenia con spironalattone. Minerva Med 60:2870-7, 21 Jul 69 **(Ita)**
ADULT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MIDDLE AGE/ *MYASTHENIA GRAVIS, drug therapy/ *SPIRONOLACTONE, therapeutic use

3148. **Serban A, Moraru M, Bozac A, et al:** Die Wirkung von Wetterfronten auf die Nebennierenrinde und die Hoden von Kaninchen.
Int J Biometeor 12:359-64, Dec 68 **(Ger)**
*ADRENAL GLANDS, physiology/ ANIMAL EXPERIMENTS/ RABBITS/ STEROIDS, biosynthesis/ *TESTIS, physiology/ *WEATHER

3149. **Serban MD, Maximilian C, Popescu H:** Anizomastie familială. Stud Cercet Endocr 19:511-7, 1968 **(Rum)**
ADOLESCENCE/ ADULT/ *BREAST, abnormalities/ FEMALE/ HUMAN/ KLINEFELTER'S SYNDROME/ MALE/ SEX CHROMOSOME ABNORMALITIES

3150. **Serio M, Giglioli L:** La funzione glicoattiva del cortisurrene nella senescenza.
G Geront 17:73-7, 2 Mar 68 (29 ref.) **(Ita)**
*ADRENAL CORTEX HORMONES, metabolism/ *ADRENAL GLANDS, metabolism/ AGED/ *AGING, physiology/ HUMAN/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ REVIEW

3151. **Serment H, Salamon J:** Essais cliniques de la chlormadinone (5 mg) dans les maintiens de grossesses menacées.
Rev Franc Gynec Obstet 64:117-8, Mar 69 **(Fre)**
*ABORTION, THREATENED, prevention & control/ *CHLORMADINONE, therapeutic use/ FEMALE/ HUMAN

3152. **Seropian E:** Puncie de vedere în etiologia astmului bronşic. Med Intern (Bucur) 20:1309-14, Nov 68 **(Rum)**
ANTIGENS/ ASTHMA, diagnosis/ *ASTHMA, etiology/ *DESENSITIZATION/ *ENDOCRINE DISEASES, complications/ HUMAN/ *RESPIRATORY HYPERSENSITIVITY, diagnosis/ *RESPIRATORY TRACT INFECTIONS, complications/ SKIN TESTS

3153. **Serra JA, Koshman RW:** Nuclear changes of treptional nature in the differentiation of sperm nurse cells in snails. Canad J Genet Cytol 9:23-30, Mar 67
ANIMAL EXPERIMENTS/ *CELL DIFFERENTIATION/ *CELL NUCLEUS/ CYTOPLASM/ DNA, metabolism/ GONADS, cytology/ MALE/ *POLYPLOIDY/ *SNAILS/ *SPERMATOZOA, cytology

3154. **Serrano PA:** Evolución a diez de los estudios realizados sobre monoaminas.
Gac Med Mex 99:311-26, Mar 69 **(Spa)**
ANIMAL EXPERIMENTS/ CATECHOLAMINES, pharmacodynamics/ CATS/ HEART DISEASES/ HUMAN/ HYPERTENSION/ PHEOCHROMOCYTOMA

3155. **Sersiron D:** Conduite à tenir en présence des perturbations fonctionnelles de "premières règles". Puberté-Nubilité.
Ann Pediat (Paris) 16:133-48, 2 Feb 69 **(Fre)**
ADOLESCENCE/ *AMENORRHEA/ AMENORRHEA, diagnosis/ AMENORRHEA, drug therapy/ ANOREXIA NERVOSA, complications/ BODY TEMPERATURE/ CHILD/ CORPUS LUTEUM HORMONES, therapeutic use/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ ESTROGENS, therapeutic use/ FEMALE/ GENITALIA, FEMALE, pathology/ HORMONES, urine/ HUMAN/ MENSTRUATION/ METRORRHAGIA/ METRORRHAGIA, diagnosis/ METRORRHAGIA, drug therapy/ OVARIAN DISEASES, complications/ PROGESTERONE, therapeutic use/ PUBERTY/ STEIN-LEVENTHAL SYNDROME, complications/ UTERUS, radiography

3156. **Servelle M, Rouffilange F, Andrieux J, et al:** Ligature des lymphatiques intestinaux et artériosclérose (26 mois d'expérience)
Sem Hop Paris 45:571-5, 20 Feb 69 **(Fre)**
ADRENALECTOMY/ ADULT/ ANIMAL EXPERIMENTS/ AORTA, ABDOMINAL, surgery/ *ARTERIOSCLEROSIS, surgery/ *ARTERITIS, surgery/ CALCIUM, blood/ CHOLESTEROL, blood/ *CORONARY DISEASE, surgery/ DOGS/ ENDARTERECTOMY/ ENGLISH ABSTRACT/ FEMORAL ARTERY, surgery/ HUMAN/ HYPERLIPEMIA, diagnosis/ HYPERLIPEMIA, surgery/ ILIAC ARTERY, surgery/ LIPIDS, blood/ *LIPIDS, metabolism/ *LYMPHATIC SYSTEM, surgery/ LYMPHOGRAPHY/ MALE/ METABOLIC CLEARANCE RATE/ MIDDLE AGE/ PROTEINS, blood/ SYMPATHECTOMY/ THORACIC DUCT, surgery

3157. **Service FJ, Molnar GD, Rosevear JW, et al:** Continuous blood glucose analysis in ambulatory fed subjects. II. Effects of anticoagulation with heparin.
Mayo Clin Proc 44:466-77, Jul 69
BLOOD SPECIMEN COLLECTION/ *BLOOD SUGAR, analysis/ FATTY ACIDS, NONESTERIFIED, blood/ GLUCOSE, urine/ *HEPARIN, adverse effects/ HUMAN/ INSULIN, blood/ KETONE BODIES, blood/ KETONE BODIES, urine/ METHODS/ SOMATOTROPIN, blood/ SYRINGES

3158. **Seta K, Abe M:** [Parathyroid function test]
Jap J Clin Med 27:272-7, Feb 69 (77 ref.) **(Jap)**
ANIMAL EXPERIMENTS/ CALCIUM, diagnostic use/ HUMAN/ HYDROXYPROLINE, urine/ HYPERPARATHYROIDISM, diagnosis/ HYPOPARATHYROIDISM, diagnosis/ KIDNEY TUBULES, physiology/ METHODS/ *PARATHYROID GLANDS, physiology/ PARATHYROID GLANDS, physiopathology/ PARATHYROID HORMONE, analysis/ PARATHYROID HORMONE, diagnostic use/ PHOSPHATES, metabolism/ PHOSPHATES, urine/ RADIOIMMUNOASSAY/ REVIEW/ STRONTIUM ISOTOPES/ THYROCALCITONIN, metabolism

3159. **Setchell BP**: Do Sertoli cells secrete fluid into the seminiferous tubules? J Reprod Fertil 19:391-2, Jul 69
ANIMAL EXPERIMENTS/ BUSULFAN, pharmacodynamics/ FEMALE/ MALE/ ORGAN WEIGHT/ RATS/ *SERTOLI CELLS, secretion/ TESTIS, drug effects/ WATER

3160. **Seto T, Kezer J, Pomerat CM**: A cinematographic study of meiosis in salamander spermatocytes in vitro. Z Zellforsch 94:407-24, 1969
ANIMAL EXPERIMENTS/ CULTURE MEDIA/ CYTOPLASM/ MALE/ *MEIOSIS/ MITOCHONDRIA/ PHOTOMICROGRAPHY/ *SALAMANDERS, anatomy & histology/ *TESTIS, cytology/ TISSUE CULTURE

3161. **Seyer J, Glimcher MJ**: The amino acid sequence of two O-phosphoserine containing tripeptides isolated from the organic matrix of embryonic bovine enamel. Biochim Biophys Acta 181:410-8, 1 Jul 69
ALKALINE PHOSPHATASE/ AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ CARBOXYPEPTIDASES/ CATTLE/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, THIN LAYER/ DENTAL ENAMEL, analysis/ *DENTAL ENAMEL, embryology/ ELECTROPHORESIS/ ESCHERICHIA COLI, enzymology/ GLUTAMATES/ LEUCINE/ LEUCINE AMINOPEPTIDASE/ NAPHTHALENES/ *PEPTIDES, analysis/ PEPTIDES, isolation & purification/ *PHOSPHORUS/ *SERINE/ SULFONIC ACIDS/ THIOCYANATES/ TYROSINE

3162. **Shakh TsI, Verzina GV**: Spektrofotometrychen vyznacheniq dybazolu ta merkazolilu. Farm Zh (Kiev) 23:28-36, 1968 **(Ukr)**
*BENZIMIDAZOLES, analysis/ DOSAGE FORMS/ METHODS/ *PARASYMPATHOLYTICS, analysis/ *SPECTROPHOTOMETRY/ TABLETS/ *THYROID ANTAGONISTS, analysis

3163. **Shakibi JG**: Etiology of congenital heart disease. Henry Ford Hosp Med J 17:101-6, Summer 69 (38 ref.)
ABNORMALITIES, DRUG-INDUCED, etiology/ ANIMAL EXPERIMENTS/ ANOXIA, complications/ ANTICONVULSANTS, adverse effects/ CHROMOSOME ABNORMALITIES, complications/ CORTISONE, adverse effects/ FEMALE/ *HEART DEFECTS, CONGENITAL, etiology/ HEART DEFECTS, CONGENITAL, familial & genetic/ HUMAN/ HYPERCAPNIA, complications/ PREGNANCY/ RADIATION EFFECTS/ RATS/ REVIEW/ THALIDOMIDE, adverse effects/ TRYPAN BLUE, adverse effects/ VIRUS DISEASES, complications

3164. **Shalon Y, Yanuka Y, Sarel S**: The lead tetracetate-iodine reaction of cholanol. Assignment of configuration in isomeric 20,24-oxidocholanes. Tetrahedron Lett 12:957-60, Mar 69
*CHOLANES/ IODINE/ OXIDATION-REDUCTION

3165. **Shapiro EL, Popper TL, Weber L, et al**: The synthesis and progestational activity of some 1,2-alpha-cyclomethylene-16-methylene progesterone derivatives. J Med Chem 12:631-6, Jul 69
ANIMAL EXPERIMENTS/ *PREGNANES, chem synthesis/ PREGNANES, pharmacodynamics/ RABBITS

3166. **Shapiro WR, Williams GH, Plum F**: Spontaneous recurrent hypothermia accompanying agenesis of the corpus callosum. Brain 92:423-36, 1969
ADULT/ ANTICONVULSANTS, administration & dosage/ AUTONOMIC NERVOUS SYSTEM, physiopathology/ BEHAVIOR/ BODY TEMPERATURE, drug effects/ BODY TEMPERATURE REGULATION/ BRAIN DISEASES, complications/ CEREBRAL VENTRICLES, physiopathology/ *CORPUS CALLOSUM, abnormalities/ DIENCEPHALON/ ELECTROENCEPHALOGRAPHY/ ENDOCRINE GLANDS, physiopathology/ EPILEPSY, etiology/ FEMALE/ HUMAN/ HYPOTHERMIA, etiology/ HYPOTHERMIA, physiopathology

3167. **Sharma DN, Singh CM**: Studies on pathology of female genital tract of poultry with special reference to egg-peritonitis--neoplasms of ovary and oviduct. Indian Vet J 45:388-91, May 68
*CHICKENS/ FEMALE/ OVARIAN NEOPLASMS, pathology/ *OVARIAN NEOPLASMS, veterinary/ OVIDUCTS, pathology/ PERITONITIS, pathology/ PERITONITIS, veterinary/ *POULTRY DISEASES, pathology

3168. **Sharman DF**: Glycol metabolites of noradrenaline in brain tissue. Brit J Pharmacol 36:523-34, Jul 69
ANIMAL EXPERIMENTS/ *BRAIN CHEMISTRY/ CATS/ CHROMATOGRAPHY, GAS/ *GLYCOLS, analysis/ HYPOTHALAMUS, analysis/ METHODS/ MICE/ *NOREPINEPHRINE, metabolism/ RABBITS

3169. **Sharman GB**: The sex chromosomes of intersexual marsupials. J Reprod Fertil 19:388-9, Jul 69
ANIMAL EXPERIMENTS/ FEMALE/ KARYOTYPING/ MALE/ *MARSUPIALIA/ *SEX CHROMOSOME ABNORMALITIES, veterinary

3170. **Shaw RH, Oper JF**: Renal functional status in hyperparathyroidism. J Urol 102:151-5, Aug 69
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ FEMALE/ HUMAN/ HYPERPARATHYROIDISM, complications/ HYPERPARATHYROIDISM, occurrence/ *HYPERPARATHYROIDISM, physiopathology/ HYPERPARATHYROIDISM, surgery/ *KIDNEY, physiopathology/ KIDNEY DISEASES, etiology/ MALE/ MIDDLE AGE/ SEX FACTORS/ URINARY CALCULI, etiology/ URINARY TRACT INFECTIONS, complications/ URINARY TRACT INFECTIONS, etiology

3171. **Shcherbachenko GA**: Vliianie sigetina na serdtsebienie plodov v usloviiakh krovopoteri beremennogo zhivotnogo. Biull Eksp Biol Med 63:65-7, Apr 67 **(Rus)**
ABNORMALITIES, etiology/ ABNORMALITIES, prevention & control/ ANIMAL EXPERIMENTS/ *BRADYCARDIA, drug therapy/ BRADYCARDIA, etiology/ *ESTROGENS, therapeutic use/ FEMALE/ *FETAL DISEASES, drug therapy/ *HEMORRHAGE, complications/ INJECTIONS, INTRAVENOUS/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ RABBITS

3172. **Shefer DG, Fuks LI**: Izmenenila bioélektricheskoĭ aktivnoati mozga pri gipotalamicheskoĭ épilepsii. Zh Nevropat Psikhiat Korsakov 69:548-53, 1969 **(Rus)**
ADOLESCENCE/ ADULT/ BENACTYZINE, therapeutic use/ CHILD/ CHLORPROMAZINE, therapeutic use/ ELECTROENCEPHALOGRAPHY/ EPILEPSY, drug therapy/ *EPILEPSY, physiopathology/ FEMALE/ HUMAN/ *HYPOTHALAMUS, physiopathology/ MALE/ MIDDLE AGE

3173. **Sheffer AL, Valentine MD**: The treaatment of bronchial asthma. Med Clin N Amer 53:239-48, Mar 69 (33 ref.)
ASTHMA, blood/ ASTHMA, etiology/ ASTHMA, physiopathology/ *ASTHMA, therapy/ BRONCHIAL DISEASES, therapy/ BRONCHIAL SPASM, therapy/ BRONCHODILATOR AGENTS, therapeutic use/ EMERGENCIES/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ RESPIRATION, ARTIFICIAL/ RESPIRATORY HYPERSENSITIVITY, therapy/ RESPIRATORY INSUFFICIENCY, therapy/ REST/ REVIEW/ WATER-ELECTROLYTE BALANCE

3174. **Sheĭnbaum MP**: Sluchaĭ perforatsii ostro vozniksheĭ iazvy zheludka u devochki 13 let na fone priema prednizolona. Pediatriia 47:78-9, Aug 68 **(Rus)**
ADOLESCENCE/ CASE REPORT/ FEMALE/ HUMAN/ *PEPTIC ULCER PERFORATION, chemically induced/ *PREDNISOLONE, adverse effects/ *STOMACH ULCER, complications

3175. **Shepard CC**: Chemotherapy of leprosy. Ann Rev Pharmacol 9:37-50, 1969 (96 ref.)
ANIMAL EXPERIMENTS/ ANTIBIOTICS, therapeutic use/ CHEMISTRY/ DAPSONE,

administration & dosage/ DAPSONE, metabolism/ DAPSONE, pharmacodynamics/ DAPSONE, therapeutic use/ DAPSONE, toxicity/ DELAYED-ACTION PREPARATIONS/ DRUG RESISTANCE, MICROBIAL/ KINETICS/ *LEPROSY, drug therapy/ MALE/ MICE/ MYCOBACTERIUM LEPRAE, drug effects/ RABBITS/ REVIEW/ SULFONAMIDES, therapeutic use/ SULFONES, blood/ SULFONES, metabolism/ SULFONES, pharmacodynamics/ SULFONES, urine/ THIOUREA, therapeutic use

3176. **Shepard KL, Mason JW, Woltersdorf OW Jr, et al:** Pyrazine diuretics. VI. (Pyrazinecarboxamido)guanidines.
J Med Chem 12:280-5, Mar 69
ANIMAL EXPERIMENTS/ CHLOROTHIAZIDE, pharmacodynamics/ COMPARATIVE STUDY/ DESOXYCORTICOSTERONE, antagonists & inhibitors/ DIURESIS, drug effects/ *DIURETICS, chem synthesis/ DIURETICS, pharmacodynamics/ DOGS/ *GUANIDINES, chem synthesis/ GUANIDINES, pharmacodynamics/ HYDROCHLOROTHIAZIDE, pharmacodynamics/ METHODS/ NATRIURESIS, drug effects/ *PYRAZINES, chem synthesis/ PYRAZINES, pharmacodynamics/ RATS

3177. **el-Sherif A, el-Said G, Kamal I, et al:** Effect of oral contraceptives on the cardiovascular system of normal females.
J Obstet Gynaec Brit Comm 76:542-4, Jun 69
ADULT/ BLOOD PRESSURE, drug effects/ *CARDIOVASCULAR SYSTEM, drug effects/ *CHLORMADINONE, pharmacodynamics/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ ELECTROCARDIOGRAPHY/ *ETHINYL ESTRADIOL, pharmacodynamics/ FEMALE/ HEART RATE, drug effects/ HUMAN/ MEGESTROL, pharmacodynamics/ *MESTRANOL, pharmacodynamics/ POTASSIUM, blood/ *PREGNANES, pharmacodynamics/ *PROGESTATIONAL HORMONES, pharmacodynamics/ SODIUM, blood

3178. **Sherman LA, Goldstein MA, Sise HS:** Circulating anticoagulant (antifactor 8 treated with immunosuppressive drugs.
Thromb Diath Haemorrh 21:249-58, 30 Apr 69
ADULT/ *ANTICOAGULANTS, blood/ AZATHIOPRINE, therapeutic use/ BLOOD CELL COUNT/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD COAGULATION TESTS/ BLOOD PLATELETS/ BLOOD TRANSFUSION, adverse effects/ FACTOR VIII, antagonists & inhibitors/ FEMALE/ HEMATOCRIT/ HEMATOMA, diagnosis/ HEPATITIS, etiology/ HUMAN/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ MALE/ MERCAPTOPURINE, therapeutic use/ MIDDLE AGE/ NITROFURAZONE, adverse effects/ PREDNISONE, therapeutic use/ PREGNANCY/ PREGNANCY COMPLICATIONS

3179. **Shevchenko IT, Loboda VI:** Vzaimosviaz' mezhdu soderzhaniem polovogo khromatina i klinicheskim techeniem pri rake molochnoĭ zhelezy.
Vop Onkol 14:18-22, 1968 **(Rus)**
ADENOCARCINOMA, diagnosis/ *ADENOCARCINOMA, familial & genetic/ ADULT/ AGED/ BREAST NEOPLASMS, diagnosis/ *BREAST NEOPLASMS, familial & genetic/ CARCINOMA, DUCTAL, diagnosis/ *CARCINOMA, DUCTAL, familial & genetic/ FEMALE/ HUMAN/ MIDDLE AGE/ NEOPLASM METASTASIS/ PROGNOSIS/ *SEX CHROMATIN

3180. **Shida K, Arima J:** [Estrogen]
Jap J Clin Med 27:378-85, Feb 69 (11 ref.) **(Jap)**
CHROMATOGRAPHY/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ ESTROGENS, blood/ *ESTROGENS, urine/ FEMALE/ GLUCURONIDASE/ HUMAN/ MALE/ MENSTRUATION/ PREGNANCY/ REVIEW/ SOLVENTS

3181. **Shields TW:** The thymus gland.
Surg Clin N Amer 49:61-70, Feb 69
ADULT/ AGAMMAGLOBULINEMIA/ ANEMIA/ AUTOIMMUNE DISEASES/ CUSHING'S SYNDROME/ FEMALE/ HUMAN/ IMMUNITY/ MALE/ MYASTHENIA GRAVIS/ *THYMUS GLAND/ THYMUS GLAND, embryology/ THYMUS GLAND, immunology/ THYMUS NEOPLASMS

3182. **Shimazaki M:** An experimental study on thyroiditis with special reference to the cytotoxic factor in Hashimoto sera. Acta Path Jap 18:497-500, Nov 68
ANTIGEN-ANTIBODY REACTIONS/ *AUTOANTIBODIES, analysis/ BINDING SITES/ BLOOD PROTEIN ELECTROPHORESIS/ GAMMA GLOBULIN, 7S/ HUMAN/ LYMPHOCYTES/ MICROSOMES/ THYROID DISEASES/ THYROID GLAND/ *THYROIDITIS, LYMPHOMATOUS, blood/ TISSUE CULTURE/ TRYPSIN

3183. **Shimmins J, Hilditch TE, Harden RM, et al:** Neck extrathyroidal activity of 99mTc-pertechnetate.
J Nucl Med 10:483-6, Jul 69
HUMAN/ INJECTIONS, INTRAVENOUS/ IODINE ISOTOPES, metabolism/ *NECK, metabolism/ *RADIOISOTOPE SCANNING/ *TECHNETIUM, metabolism/ THYROID GLAND, metabolism

3184. **Shimoda S:** [Discussion on endocrine disorders. 3. Myxedema]
Clin Endocr (Tokyo) 17:213-6, Mar 69 **(Jap)**
HUMAN/ *MYXEDEMA/ MYXEDEMA, classification/ THYROID HORMONES, blood

3185. **Shinebourne E, White R, Hamer J:** A qualitative distinction between the beta-receptor-blocking and local anesthetic actions of antiarrhythmic agents.
Circ Res 24:835-41, Jun 69
ANIMAL EXPERIMENTS/ *ARRHYTHMIA, drug therapy/ CALCIUM, metabolism/ DOGS/ *HEART, drug effects/ *LIDOCAINE, pharmacodynamics/ MYOCARDIUM, metabolism/ *PROPRANOLOL, pharmacodynamics/ *QUINIDINE, pharmacodynamics/ *SYMPATHOLYTICS, pharmacodynamics/ *TETRACAINE, pharmacodynamics

3186. **Shinkai H:** [Studies on corticosteroid ointments. V. Percutaneous absorption of hydrocortisone-4-14C. (1). In vitro method of percutaneous absorption using excised human skin]
J Pharm Soc Jap 89:365-71, Mar 69 **(Jap)**
ACETATES/ *ANTI-INFLAMMATORY AGENTS, metabolism/ CARBON ISOTOPES/ COMPARATIVE STUDY/ HUMAN/ *HYDROCORTISONE, metabolism/ IN VITRO/ METHODS/ *OINTMENTS/ *SKIN ABSORPTION/ VEHICLES

3187. **Shirai M, Matsushita S, Ichijo S, et al:** [Studies on vitamins in the field of urology. (I). Vitamins and gonadal function] Jap J Urol 60:321-30, Apr 69 **(Jap)**
ANIMAL EXPERIMENTS/ HUMAN/ MALE/ RADIATION EFFECTS/ RATS/ TESTIS, drug effects/ *TESTIS, physiology/ THIAMINE, pharmacodynamics/ TIME FACTORS/ VITAMIN B 12, pharmacodynamics/ VITAMIN E, pharmacodynamics/ *VITAMINS, pharmacodynamics

3188. **Shire JG:** A strain difference in the adrenal zona glomerulosa determined by one gene-locus.
Endocrinology 85:415-22, Sep 69
*ADRENAL GLANDS, anatomy & histology/ ADRENAL GLANDS, enzymology/ ADRENAL GLANDS, metabolism/ ALDOSTERONE, biosynthesis/ ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ DIET, SALT-FREE/ FEMALE/ *GENES, DOMINANT/ HISTOCYTOCHEMISTRY/ HYBRIDIZATION/ HYDROXYSTEROID DEHYDROGENASE, analysis/ MALE/ *MICE, anatomy & histology/ SODIUM, urine/ *SPECIES SPECIFICITY/ WATER-ELECTROLYTE BALANCE

3189. **Shiu MH, Van Langenberg A:** Adult vaginal hydrocele in

Hong Kong. A study of 25 cases.
J Roy Coll Surg Edinb 14:56-61, Jan 69
ADOLESCENCE/ ADULT/ AGED/ *FILARIASIS/ HUMAN/ *HYDROCELE, etiology/ HYDROCELE, microbiology/ LYMPHOGRAPHY/ MALE/ MIDDLE AGE/ *TESTICULAR DISEASES, etiology/ *WUCHERERIA, isolation & purification

3190. **Shizume K**: [Discussion on endocrine disorders. 2. Basedow's disease]
Clin Endocr (Tokyo) 17:140-2, Feb 69 (Jap)
*GOITER, EXOPHTHALMIC/ HUMAN

3191. **Shizume K, Irim, Saito T, et al**: [The endocrinology of puberty and adolescence. Growth hormone]
Clin Endocr (Tokyo) 17:73-7, Feb 69 (Jap)
ADOLESCENCE/ AGE FACTORS/ CHILD/ FEMALE/ HUMAN/ *HYPOGLYCEMIA, blood/ HYPOGLYCEMIA, chemically induced/ INSULIN/ MALE/ *PUBERTY/ *SOMATOTROPIN, blood/ SOMATOTROPIN, secretion

3192. **Shklar G, Meyer I, Zacarian SA**: Oral lesions in bullous pemphigoid. Arch Derm (Chicago) 99:663-70, Jun 69
FEMALE/ GINGIVA, pathology/ HUMAN/ MIDDLE AGE/ *ORAL MANIFESTATIONS/ PEMPHIGUS, drug therapy/ *PEMPHIGUS, pathology/ PREDNISONE, therapeutic use/ SKIN MANIFESTATIONS

3193. **Shock NW**: Homeostatic disturbances and adaptations in aging. Bull Schweiz Akad Med Wiss 24:284-98, Jan 69
ACID-BASE EQUILIBRIUM/ ADULT/ AGED/ *AGING/ ALKALOSIS/ AMINOHIPPURIC ACID, blood/ BLOOD SUGAR, analysis/ GLOMERULAR FILTRATION RATE/ GLUCOSE, diagnostic use/ *HOMEOSTASIS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INJECTIONS, INTRAVENOUS/ INULIN, urine/ MALE/ METHODS/ MIDDLE AGE/ VASOPRESSIN, pharmacodynamics

3194. **Shoemaker JP, Hoffman RV Jr**: Effects of 8-azaguanine on the pathogenesis of experimental Chagas' disease.
J Parasit 55:654-9, Jun 69
ADIPOSE TISSUE, pathology/ ADRENAL GLANDS, pathology/ *ANTIBODY FORMATION, drug effects/ *AZAGUANINE, pharmacodynamics/ AZAGUANINE, therapeutic use/ BONE MARROW, pathology/ COLON, pathology/ DIAPHRAGM, pathology/ DUODENUM, pathology/ PANCREAS, pathology/ SPLEEN, pathology/ TRYPANOSOMIASIS, SOUTH AMERICAN, drug therapy/ *TRYPANOSOMIASIS, SOUTH AMERICAN, etiology/ TRYPANOSOMIASIS, SOUTH AMERICAN, immunology/ TRYPANOSOMIASIS, SOUTH AMERICAN, pathology

3195. **Shore SR, Aviado DM**: Hormones and pulmonary effects of tobacco. II. Progesterone.
Arch Environ Health (Chicago) 19:59-69, Jul 69
ACETYLCHOLINE, administration & dosage/ ANIMAL EXPERIMENTS/ ATROPINE, administration & dosage/ FEMALE/ HISTAMINE, administration & dosage/ INJECTIONS, INTRAVENOUS/ INJECTIONS, SUBCUTANEOUS/ ISOPROTERENOL, administration & dosage/ LUNG COMPLIANCE/ METHODS/ NICOTINE, administration & dosage/ *NICOTINE, pharmacodynamics/ PREGNANCY/ PRESSURE/ PROGESTERONE, administration & dosage/ *PROGESTERONE, pharmacodynamics/ RATS/ *RESPIRATION, drug effects/ RESPIRATORY SYSTEM, drug effects/ *SMOKING, physiopathology

3196. **Shou L, Pan F, Chin S**: Pancreatic hormones and hepatic methionine adenosyltransferase in the rat.
Proc Soc Exp Biol Med 131:1012-8, Jul 69
ADENOSINE TRIPHOSPHATE/ ALLOXAN, pharmacodynamics/ *ALLOXAN DIABETES, enzymology/ ANIMAL EXPERIMENTS/ BLOOD SUGAR/ CYCLOHEXIMIDE, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ ENZYME INDUCTION, drug effects/ FEMALE/ GLUCAGON, pharmacodynamics/ *INSULIN, pharmacodynamics/ LIVER, drug effects/ *LIVER, enzymology/ MALE/ METHIONINE/ RATS/ STIMULATION, CHEMICAL/ *TRANSFERASES, metabolism/ TRIAMCINOLONE, pharmacodynamics

3197. **Shroff A**: 3-Deoxy progestins.
J Med Chem 12:548-9, May 69
PROGESTERONE, analysis/ *PROGESTERONE, chem synthesis/ PROGESTERONE, pharmacodynamics/ SPECTRUM ANALYSIS

3198. **Shtenberg AI, Rybakova MN**: O vozdeĭstvii nekotorykh pestitsidov na éndokrinnuiu sistemu.
Gig Sanit 32:81-6, Jan 67 (Rus)
ANIMAL EXPERIMENTS/ DOGS/ *ENDOCRINE GLANDS, drug effects/ FEMALE/ *FOOD CONTAMINATION/ MALE/ *PESTICIDES, poisoning/ RATS

3199. **Shuman DA, Bloch A, Robins RK, et al**: Synthesis and biological activity of certain 8-mercaptopurine and 6-mercaptopyrimidine S-nucleosides.
J Med Chem 12:653-7, Jul 69
ASPARTIC ACID, pharmacodynamics/ BACTERIOLOGICAL TECHNICS/ CARCINOMA, EHRLICH TUMOR/ ESCHERICHIA COLI, drug effects/ LEUKEMIA L1210/ *MERCAPTOPURINE, chem synthesis/ *MERCAPTOPURINE, pharmacodynamics/ NUCLEOSIDES, antagonists & inhibitors/ *NUCLEOSIDES, chem synthesis/ *NUCLEOSIDES, pharmacodynamics/ PURINES, pharmacodynamics/ PYRIMIDINES, antagonists & inhibitors/ *PYRIMIDINES, chem synthesis/ *PYRIMIDINES, pharmacodynamics/ THIOURACIL, pharmacodynamics

3200. **Shurygin VP**: Izmeneniia dlinnykh trubchatykh kosteĭ u deteĭ posle rentgenoterapii.
Med Radiol (Moskva) 12:37-42, Oct 67 (Rus)
ADOLESCENCE/ *BONE AND BONES, radiation effects/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ MALE/ *NEOPLASMS, radiotherapy/ OSTEOGENESIS, radiation effects/ *RADIOTHERAPY, adverse effects

3201. **Sica D**: Terapia sclerosante delle cisti della tiroide.
Rass Int Clin Ter 49:639-48, 31 May 69 (Ita)
ADOLESCENCE/ ADULT/ AGED/ *CYSTS/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *SCLEROSING SOLUTIONS, therapeutic use/ *THYROGLOSSAL CYST, drug therapy/ *THYROID DISEASES, drug therapy

3202. **Sideman S**: Pilot point drill, a new instrument.
Int Surg 52:179, Aug 69
BONE AND BONES, surgery/ *ORTHOPEDICS, instrumentation/ *SURGICAL INSTRUMENTS

3203. **Sidwell JM, Burlin TE, Wheatley BM**: Calculations of the absorbed dose in a phantom from photon fluence and some applications to radiological protection.
Brit J Radiol 42:522-9, Jul 69
COMPUTERS, DIGITAL/ *LIGHT/ MATHEMATICS/ *MODELS, BIOLOGIC/ NEUTRONS/ OPERATIONS RESEARCH/ OVARY, radiation effects/ RADIATION EFFECTS/ *RADIATION PROTECTION/ *RADIOTHERAPY DOSAGE/ SKIN, radiation effects/ TESTIS, radiation effects

3204. **Siegel M**: Elektrophysiologisches und mechanisches Verhalten des Herzens bei Thyreotoxikose.
Med Klin 63:1409-11, 6 Sep 68 (Ger)
BIOMECHANICS/ ELECTROCARDIOGRAPHY/ FEMALE/ *HEART, physiopathology/ HEART FUNCTION TESTS/ HUMAN/ HYPERTHYROIDISM, complications/ *HYPERTHYROIDISM, physiopathology/ MALE

3205. **Siegel WV, Shklar G**: The effect of dimethyl sulfoxide and topical triamcinolone on chemical carcinogenesis of hamster buccal pouch. Oral Surg 27:772-9, Jun 69
ANIMAL EXPERIMENTS/ CHEEK/ *DIMETHYL SULFOXIDE, pharmacodynamics/ DRUG SYNERGISM/ HAMSTERS/

*NEOPLASMS, EXPERIMENTAL/ *TRIAMCINOLONE, pharmacodynamics/ VEHICLES

3206. **Siegenthaler W, Baumann K, Kiepenheuer K, et al:** Die Bedeutung des primären Aldosteronismus als Ursache der "essentiellen" Hypertonie.
Schweiz Med Wschr 99:825-8, Jun 69 **(Ger)**
ALDOSTERONE, urine/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERALDOSTERONISM, complications/ HYPERTENSION, blood/ *HYPERTENSION, etiology/ HYPERTENSION, urine/ HYPOKALEMIA, blood/ MIDDLE AGE/ POTASSIUM, blood/ RENIN, blood/ SODIUM, blood

3207. **Siegler HM:** A tribute to Samuel L. Siegler, M.D. (1898-1953). Fertil Steril 20:529-44, Jul-Aug 69
CONTRACEPTION/ *FERTILITY, history/ GONADS, growth & development/ HISTORICAL BIOGRAPHY/ HYGIENE/ OVARIAN DISEASES, diagnosis/ PREMARITAL EXAMINATIONS/ SEX EDUCATION/ STERILITY, diagnosis/ STERILITY, etiology/ *STERILITY, history/ STERILITY, prevention & control/ STERILITY, therapy/ TESTICULAR DISEASES, diagnosis/ UNITED STATES/ VENEREAL DISEASES, prevention & control

3208. **(Siegler SL), Siegler HM:** A tribute to Samuel L. Siegler, M.D. (1898-1953).
Fertil Steril 20:529-44, Jul-Aug 69
CONTRACEPTION/ *FERTILITY, history/ GONADS, growth & development/ HISTORICAL BIOGRAPHY/ HYGIENE/ OVARIAN DISEASES, diagnosis/ PREMARITAL EXAMINATIONS/ SEX EDUCATION/ STERILITY, diagnosis/ STERILITY, etiology/ *STERILITY, history/ STERILITY, prevention & control/ STERILITY, therapy/ TESTICULAR DISEASES, diagnosis/ UNITED STATES/ VENEREAL DISEASES, prevention & control

3209. **Sielczak M, Massalski W, Maj S:** Rozlegle przerzuty osteoplastyczne raka do szpiku.
Wiad Lek 22:933-9, 15 May 69 **(Pol)**
*ADRENAL GLAND NEOPLASMS/ *ANEMIA, HYPOCHROMIC, etiology/ *BONE MARROW DISEASES, etiology/ *CARCINOMA, EPIDERMOID/ ENGLISH ABSTRACT/ HUMAN/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ *OSTEOSCLEROSIS, etiology

3210. **Sievers K, Nissilä M, Sievers UM:** Cerebral vasculitis visualized by angiography in juvenile rheumatoid arthritis simulating brain tumor.
Acta Rheum Scand 14:222-32, 1968
ADOLESCENCE/ ANGIOGRAPHY/ ANTINUCLEAR FACTORS/ ARTHRITIS, JUVENILE RHEUMATOID, drug therapy/ *ARTHRITIS, JUVENILE RHEUMATOID, radiography/ AUTOANTIBODIES, analysis/ *BRAIN NEOPLASMS, radiography/ *CAROTID ARTERIES, radiography/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ MALE/ *PREDNISONE, therapeutic use/ RHEUMATOID FACTOR

3211. **Signorelli I, Emanueli A:** Una nuova associazione di megestrolo acetato ed etinilestradiolo in terapia ginecologica. Risultati preliminari.
Minerva Ginec 21:512-22, 30 Apr 69 **(Ita)**
ADOLESCENCE/ ADULT/ AMENORRHEA, drug therapy/ DYSMENORRHEA, drug therapy/ ENGLISH ABSTRACT/ *ETHINYL ESTRADIOL, therapeutic use/ FEMALE/ *GYNECOLOGIC DISEASES, drug therapy/ HUMAN/ MEGESTROL, therapeutic use/ MENOPAUSE, drug effects/ *MENSTRUATION DISORDERS, drug therapy/ MIDDLE AGE/ *PREGNANES, therapeutic use/ PREMENSTRUAL TENSION, drug therapy/ *PROGESTATIONAL HORMONES, therapeutic use

3212. **Sikorski T, Kurmin A:** Wydalanie pregnandiolu z moczem u dziewcząt w okresie pokwitania między 9 a 12 rokiem życia. Ginek Pol 40:249-53, Mar 69 **(Pol)**
CHILD/ FEMALE/ HUMAN/ PREGNANEDIOL, urine/ *PUBERTY

3213. **Silletti L:** Colesteatoma dell'orbita.
Ann Ottal 93:823-41, Aug 67 **(Ita)**
ADULT/ *CHOLESTEATOMA/ CHOLESTEATOMA, occurrence/ CHOLESTEATOMA, surgery/ EXOPHTHALMOS, etiology/ FEMALE/ HUMAN/ *ORBITAL NEOPLASMS/ ORBITAL NEOPLASMS, surgery

3214. **Silló-Seidl G:** Die Wirksamkeit der Gonadotropin-Hormone in der männlichen Sub- und Infertilität. Derm Wschr 154:289-93, 30 Mar 68 **(Ger)**
*GONADOTROPINS, therapeutic use/ GONADOTROPINS, CHORIONIC, therapeutic use/ GONADOTROPINS, PITUITARY, therapeutic use/ HUMAN/ MALE/ *STERILITY, MALE, drug therapy

3215. **Silló-Seidl G:** Hormonanalysen und Androgentherapie in der männlichen Sterilität.
Med Klin 64:539-42, 21 Mar 69 **(Ger)**
ADULT/ *ANDROSTANES, therapeutic use/ GONADOTROPINS, CHORIONIC, urine/ HUMAN/ 17-KETOSTEROIDS, urine/ MALE/ PROTEIN-BOUND IODINE TEST/ SEMEN, analysis/ SPERMATOZOA, analysis/ STERILITY, MALE, blood/ *STERILITY, MALE, drug therapy/ STERILITY, MALE, urine/ TIME FACTORS

3216. **Silvestrini B, Cioli V, Burberi S:** Pharmacological properties of bendazac (AF 983) with particular reference to its topical action on some experimental inflammatory processes.
Arzneimitteiforschung 19:30-6, Jan 69
*ACETIC ACIDS, therapeutic use/ ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS, drug effects/ ANTIHYPERTENSIVE AGENTS, pharmacodynamics/ *ANTI-INFLAMMATORY AGENTS, therapeutic use/ ARTERIES/ BLOOD PRESSURE, drug effects/ CARRAGEENAN, antagonists & inhibitors/ CATS/ EDEMA, chemically induced/ *EDEMA, prevention & control/ FEMALE/ FORMIC ACIDS, antagonists & inhibitors/ GANGLIONIC-BLOCKING AGENTS, pharmacodynamics/ GRANULOMA, prevention & control/ GUINEA PIGS/ *HYDROCORTISONE, therapeutic use/ INFLAMMATION, chemically induced/ *INFLAMMATION, prevention & control/ INTESTINES, drug effects/ MALE/ MICE/ NECROSIS, prevention & control/ NICTITATING MEMBRANE, drug effects/ RABBITS/ RATS/ SEROTONIN, antagonists & inhibitors/ SYMPATHOLYTICS/ WOUND HEALING, drug effects

3217. **Simkiss K:** Intracellular pH during calcification. A study of the avian shell gland.
Biochem J 111:647-52, Mar 69
ANIMAL EXPERIMENTS/ *BODY FLUIDS/ *CALCIFICATION, PHYSIOLOGIC/ CHICKENS/ *EGGS/ EXTRACELLULAR SPACE/ *GENITALIA, FEMALE, metabolism/ *HYDROGEN-ION CONCENTRATION/ MUSCLES/ OXAZOLES, diagnostic use/ PROTONS

3218. **Simko D:** Effect of phiocon upon ligamentous injury in rats. Res Quart 40:368-71, May 69
ANIMAL EXPERIMENTS/ DRUG COMPOUNDING/ *IODINE, pharmacodynamics/ *LIGAMENTS, injuries/ *PHENOLS, pharmacodynamics/ RATS/ *WOUND HEALING, drug effects

3219. **Simmer HH, Frankland MV, Greipel M:** Neutral C19-steroids and steroid sulfates in human pregnancy. V. Isolation and identification of unconjugated testosterone and androstenedione from pooled cord blood. Steroids 13:835-47, Jun 69
ACETATES/ ANDROSTANES, blood/ ARTERIES/ BLOOD/ CARBON ISOTOPES/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/

CRYSTALLIZATION/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, blood/ *17-KETOSTEROIDS, blood/ 17-KETOSTEROIDS, isolation & purification/ PREGNANCY/ RADIOISOTOPE DILUTION TECHNIC/ STEROIDS/ STEROLS, blood/ SULFATES/ *TESTOSTERONE, blood/ TESTOSTERONE, isolation & purification/ TRITIUM/ *UMBILICAL CORD/ VEINS

3220. **Simmons JE**: Changes in testicular cholesterol associated with estrogen induced infertility in male mice. J Exp Zool 170:377-80, Mar 69
ANIMAL EXPERIMENTS/ *ANIMALS, NEWBORN/ BODY WEIGHT/ *CHOLESTEROL, analysis/ *ESTRADIOL, pharmacodynamics/ MALE/ MICE/ ORGAN WEIGHT/ STERILITY, chemically induced/ TESTIS, analysis/ *TESTIS, drug effects

3221. **Simon GC, Cohen R**: Ruptures traumatiques de l'estomac. Sem Hop Paris 45:1179-83, 14 Apr 69 (Fre)
ACCIDENTS, TRAFFIC/ ASCITIC FLUID, analysis/ CHILD/ CHILD, PRESCHOOL/ EMPHYSEMA, radiography/ FEMALE/ FRACTURES, radiography/ HEMATEMESIS, complications/ HEMOPTYSIS, complications/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HEMOTHORAX, radiography/ HUMAN/ HYDROCORTISONE, adverse effects/ PNEUMOPERITONEUM, radiography/ RIBS, injuries/ *SPLENIC RUPTURE, radiography/ SPLENIC RUPTURE, surgery/ *STOMACH RUPTURE, etiology/ STOMACH RUPTURE, radiography/ STOMACH RUPTURE, surgery/ STOMACH ULCER, etiology/ STRESS, complications

3222. **Simon GC, Métairie-Simon P**: Deux observations de maladie de Crohn.
Sem Hop Paris 45:1200-5, 14 Apr 69 (Fre)
ADULT/ ASTHENIA, complications/ COLECTOMY/ CORTICOTROPIN, therapeutic use/ DILATATION/ *ENTERITIS, REGIONAL/ ENTERITIS, REGIONAL, pathology/ ENTERITIS, REGIONAL, radiography/ ENTERITIS, REGIONAL, surgery/ HUMAN/ INTESTINE, SMALL, pathology/ LYMPH NODES, pathology/ MALE/ PREDNISONE, therapeutic use/ RECTUM, pathology/ SALICYLAZOSULFAPYRIDINE, therapeutic use

3223. **Simonin R, Bernard PJ, Alland A, et al**: Le traitement à l'iode radio-actif des hyperthyroïdies passé, présent et à venir. Marseille Med 106:1-12, 1969 (Fre)
AGE FACTORS/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, radiotherapy/ *IODINE ISOTOPES, therapeutic use/ MALE/ SEX FACTORS

3224. **Simonson M, Sherwin RW, Anilane JK, et al**: Neuromotor development in progeny of underfed mother rats. J Nutr 98:18-24, May 69
AGING/ ANIMAL EXPERIMENTS/ *ANIMAL NUTRITION/ BEHAVIOR, ANIMAL/ BODY WEIGHT/ *DIET/ FEMALE/ GESTATIONAL AGE/ HUMAN/ LACTATION/ MALE/ *MOTOR ACTIVITY/ *NERVOUS SYSTEM, growth & development/ PREGNANCY/ *PREGNANCY, ANIMAL/ PRENATAL INFLUENCES/ RATS

3225. **Simpson ER, Frenkel R**: Substrate-induced efflux of anions from bovine adrenal cortex mitochondria and its relationship to steroidogenesis.
Biochem Biophys Res Commun 34:765-70, 6 Jun 69
*ADRENAL CORTEX HORMONES, biosynthesis/ *ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ CATTLE/ GLYCEROLPHOSPHATE DEHYDROGENASE, metabolism/ GLYCEROPHOSPHATES, metabolism/ *KETONES, metabolism/ LACTATE DEHYDROGENASE, metabolism/ MALATES, metabolism/ *MITOCHONDRIA, metabolism/ MODELS, BIOLOGIC/ NADP, metabolism/ PHOSPHATES/ *PYRUVATES, metabolism

3226. **Simpson GM, Cooper TB**: Lithium and thyroid function.
Amer J Psychiat 125:1132, Feb 69
*GOITER, chemically induced/ HUMAN/ *LITHIUM, adverse effects/ *PSYCHOSES, MANIC-DEPRESSIVE, drug therapy/ THYROID GLAND, physiopathology/ THYROID GLAND FUNCTION TESTS

3227. **Sinclair JC, Coldiron JS**: Low birthweight and postnatal physical development.
Develop Med Child Neurol 11:314-29, Jun 69 (87 ref.)
ADULT/ AGE FACTORS/ ANIMAL EXPERIMENTS/ ANOXIA, complications/ *BIRTH WEIGHT/ BODY HEIGHT/ BODY WEIGHT/ BRAIN, metabolism/ *CHILD DEVELOPMENT/ CHILD, PRESCHOOL/ CORTICOTROPIN, adverse effects/ CYTOMEGALIC INCLUSION DISEASE, complications/ DNA, metabolism/ DNA REPLICATION/ FETUS, growth & development/ GESTATIONAL AGE/ GROWTH, drug effects/ GROWTH DISORDERS, etiology/ HUMAN/ INFANT/ INFANT, NEWBORN/ MATERNAL-FETAL EXCHANGE/ NUTRITION DISORDERS, complications/ PREGNANCY/ RATS/ REVIEW/ RNA, metabolism/ RUBELLA, complications/ SOMATOTROPIN, administration & dosage/ TETRACYCLINE, adverse effects

3228. **Singh K, Mathur RS**: Enzyme changes in the gerbil testis produced by the administration of an alkylating agent 'Busulphan' (Myleran, 1,4 dimethanesulphonoxybutane).
Acta Anat (Basel) 71:472-80, 1968
ALKALINE PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ *BUSULFAN, pharmacodynamics/ ESTERASES, metabolism/ GERBILS/ HISTOCYTOCHEMISTRY/ MALE/ NUCLEOTIDASES, metabolism/ SPERMATOZOA, drug effects/ SPERMATOZOA, enzymology/ SUCCINATE DEHYDROGENASE, metabolism/ TESTIS, drug effects/ *TESTIS, enzymology

3229. **Singh KB**: Metabolism of pregnenolone by the human placenta. Amer J Obstet Gynec 104:605-6, 15 Jun 69
CHROMATOGRAPHY, PAPER/ FEMALE/ HUMAN/ IN VITRO/ LYASES, metabolism/ OXIDOREDUCTASES, metabolism/ PLACENTA, enzymology/ *PLACENTA, metabolism/ PREGNANCY/ *PREGNENOLONE, metabolism/ *PROGESTERONE, biosynthesis/ TRITIUM

3230. **Singh KB**: Persistent estrus: an experimental model of the polycystic ovary syndrome.
Obstet Gynec Survey 24:2-17, Jan 69 (111 ref.)
ADRENAL GLANDS, physiopathology/ ANIMAL EXPERIMENTS/ CLOMIPHENE, administration & dosage/ *ESTRUS/ FEMALE/ GONADOTROPINS, CHORIONIC, administration & dosage/ GRAAFIAN FOLLICLE, physiopathology/ HYPOTHALAMUS, pathology/ LH, administration & dosage/ LIGHT/ MODELS, BIOLOGIC/ OVARIAN CYSTS, chemically induced/ OVARIAN CYSTS, etiology/ OVULATION/ PARABIOSIS/ PROGESTERONE, administration & dosage/ RATS/ REVIEW/ SOUND/ *STEIN-LEVENTHAL SYNDROME/ STEROIDS, administration & dosage/ THYROID GLAND, physiopathology/ VAGINAL DISEASES, chemically induced

3231. **Singh KB**: Induction of polycystic ovarian disease in rats by continuous light. II. Observations on mating, pregnancy, and the postpartum period.
Amer J Obstet Gynec 104:1004-7, 1 Aug 69
ANIMAL EXPERIMENTS/ *BREEDING/ BREEDING, drug effects/ *CORPUS LUTEUM CYST, etiology/ ENVIRONMENTAL EXPOSURE/ ESTRUS/ FEMALE/ *LIGHT/ MALE/ OVULATION/ PREGNANCY/ *PREGNANCY, ANIMAL/ PROGESTERONE, pharmacodynamics/ RATS/ *SEX BEHAVIOR, ANIMAL/ VAGINAL SMEARS

3232. **Singh KB**: Induction of polycystic ovarian disease in rats by continuous light. 3. Mechanism of ovarian compensatory hypertrophy and ovulation after unilateral oophorectomy.

Amer J Obstet Gynec 104:1008-11, 1 Aug 69
ANIMAL EXPERIMENTS/ CASTRATION/ CORPUS LUTEUM CYST, etiology/ *CORPUS LUTEUM CYST, physiopathology/ ESTRUS/ FEMALE/ GONADOTROPINS, CHORIONIC/ HYPERTROPHY/ *LIGHT/ *OVARY, physiopathology/ OVARY, surgery/ *OVULATION/ PREGNANCY/ RATS/ VAGINAL SMEARS

3233. **Singh VN, Singh M, Venkitasubramanian TA:** Early effects of feeding excess vitamin A: mechanism of fatty liver production in rats.
J Lipid Res 10:395-401, Jul 69
ADRENAL GLANDS, anatomy & histology/ ADRENAL GLANDS, metabolism/ ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ ASCORBIC ACID, metabolism/ CARBON ISOTOPES/ CHOLESTEROL, biosynthesis/ DEPRESSION, CHEMICAL/ DNA, metabolism/ FATTY ACIDS, NONESTERIFIED, blood/ *FATTY LIVER, etiology/ GLUCOSE, metabolism/ GLYCERIDES, biosynthesis/ GLYCINE, metabolism/ *LIPIDS, biosynthesis/ *LIVER, metabolism/ LIVER GLYCOGEN, biosynthesis/ MALE/ ORGAN WEIGHT/ PROTEINS, biosynthesis/ RATS/ STIMULATION, CHEMICAL/ *VITAMIN A, pharmacodynamics

3234. **Singier JR, Darget P:** Un cas de bronchospasme chez un traumatisé thoracique.
Anesth Analg (Paris) 25:637-42, Nov-Dec 68 **(Fre)**
ADRENAL CORTEX HORMONES, therapeutic use/ AMINOPHYLLINE, therapeutic use/ ANOXIA, complications/ ANTIHISTAMINICS, therapeutic use/ BLOOD GAS ANALYSIS/ BRONCHIAL SPASM, chemically induced/ *BRONCHIAL SPASM, physiopathology/ CYANOSIS, etiology/ HUMAN/ HYPERCAPNIA, etiology/ HYPERVENTILATION, etiology/ MALE/ MIDDLE AGE/ OXYGEN INHALATION THERAPY/ PENICILLIN, adverse effects/ RESPIRATORY INSUFFICIENCY, etiology/ SKIN MANIFESTATIONS/ SPUTUM, analysis/ *THORACIC INJURIES, complications/ THORACIC RADIOGRAPHY

3235. **Sinha BB:** Treatment of hepatic coma by total exchange transfusion. J Indian Med Ass 51:441-4, 1 Nov 68
ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ *EXCHANGE TRANSFUSION/ FEMALE/ *HEPATIC COMA, therapy/ HUMAN/ MALE

3236. **Sinha YN, Tucker HA:** Relationship of pituitary prolactin and LH to mammary and uterine growth of pubertal rats during the estrous cycle.
Proc Soc Exp Biol Med 131:908-12, Jul 69
ANIMAL EXPERIMENTS/ *DNA/ DNA, analysis/ *ESTRUS/ FEMALE/ *LH, metabolism/ *MAMMAE, growth & development/ PITUITARY GLAND, analysis/ *PITUITARY GLAND, metabolism/ PROLACTIN, analysis/ *PROLACTIN, metabolism/ PUBERTY/ RATS/ *RNA/ RNA, analysis/ UTERUS, analysis/ *UTERUS, growth & development

3237. **Sirett NE, Gibbs FP:** Dexamethasone suppression of ACTH release: effect of the interval between steroid administration and the application of stimuli known to release ACTH. Endocrinology 85:355-9, Aug 69
ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ CORTICOSTERONE, blood/ *CORTICOTROPIN, secretion/ DEPRESSION, CHEMICAL/ DEXAMETHASONE, administration & dosage/ *DEXAMETHASONE, pharmacodynamics/ FEMALE/ GLUCOCORTICOIDS, physiology/ HEMORRHAGE, physiopathology/ INTESTINES, physiology/ PITUITARY GLAND, drug effects/ *PITUITARY GLAND, secretion/ RATS/ TIME FACTORS/ URETHANE, antagonists & inhibitors

3238. **Siri WE, Cleveland S, Blanche P:** Adrenal gland activity in Mt. Everest climbers.
Fed Proc 28:1251-6, May-Jun 69
ACCLIMATIZATION/ *ADRENAL GLANDS, physiology/ ADULT/ *ALTITUDE/ *ANOXIA, urine/ BLOOD CELL COUNT/ CHLORIDES, urine/ EOSINOPHILS/ EPINEPHRINE, urine/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ 17-KETOSTEROIDS, urine/ MALE/ *MOUNTAINEERING/ NOREPINEPHRINE, urine/ POTASSIUM, urine/ SODIUM, urine

3239. **Sizaret P, Quéré M, Degiovanni E, et al:** Les troubles pigmentaires de l'oeil chez les malades traités par les phénothiazines.
Encephale 57:515-24, Nov-Dec 68 **(Fre)**
DOPA, metabolism/ *EYE DISEASES, chemically induced/ EYE DISEASES, enzymology/ EYE DISEASES, metabolism/ FEMALE/ HUMAN/ MALE/ MELANIN, biosynthesis/ MSH, metabolism/ OXIDOREDUCTASES, metabolism/ *PHENOTHIAZINES, adverse effects/ *PIGMENTATION DISORDERS, chemically induced/ PIGMENTATION DISORDERS, enzymology/ PIGMENTATION DISORDERS, metabolism/ THIAMINE, metabolism/ TYROSINE, metabolism

3240. **Skagseth E Jr:** Pancreatitis acuta. Et tilfelle med tatani.
T Norsk Laegeforen 89:824-5, 1 Jun 69 **(Nor)**
ACUTE DISEASE/ ADULT/ *CALCIUM, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPOCALCEMIA, drug therapy/ HYPOKALEMIA/ INFUSIONS, PARENTERAL/ *PANCREATITIS, complications/ *TETANY, etiology

3241. **Skakun NP, Skakun GK, Lipov GN:** Zheicheotdelitel'naia funktsiia pecheni u zhivotnykh posle kastratsii.
Fiziol Zh SSSR Sechenov 53:1446-51, Dec 67 **(Rus)**
AGE FACTORS/ ANIMAL EXPERIMENTS/ BILE, analysis/ *BILE, secretion/ BILE ACIDS AND SALTS, analysis/ BILE ACIDS AND SALTS, biosynthesis/ BILE ACIDS AND SALTS, secretion/ *CASTRATION/ DOGS/ ENGLISH ABSTRACT/ FEMALE/ GUINEA PIGS/ *LIVER, secretion/ MALE/ POTASSIUM, analysis

3242. **Skerlavay M, Epstein JA, Sobrero AJ:** The comparative effects of estrogens on amylase levels of cervical mucus. Fertil Steril 20:581-9, Jul-Aug 69
AMENORRHEA, drug therapy/ *AMYLASE, analysis/ *CERVIX MUCUS, enzymology/ ESTRIOL, pharmacodynamics/ ESTROGENIC SUBSTANCES, CONJUGATED, pharmacodynamics/ *ESTROGENS, pharmacodynamics/ ETHERS/ ETHINYL ESTRADIOL, pharmacodynamics/ FEMALE/ GONADOTROPINS, pharmacodynamics/ HUMAN/ OVARIAN DISEASES, drug therapy/ STERILITY, FEMALE, drug therapy

3243. **Skibińska M, Zahn FA, Czarnocka A, et al:** Próby zastosowania 1,3-dwuchloro-5,5-dwumetylohydantony (Dwuchlorantyny) w reakcjach chlorowania 4-3-ketonów sterydowych.
Acta Pol Pharm 6:25-8, 1969 **(Pol)**
*CHLORINE/ *HYDANTOINS/ *PROGESTERONE/ *TESTOSTERONE

3244. **Skillman TG, Mazzaferri EL, Gwinup G:** Random dosage of 131-I in the treatment of hyperthyroidism: results of a prospective study.
Amer J Med Sci 257:382-7, Jun 69
ADULT/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, radiotherapy/ HYPOTHYROIDISM, etiology/ IODINE ISOTOPES, adverse effects/ *IODINE ISOTOPES, therapeutic use/ MALE/ MIDDLE AGE/ MYXEDEMA, etiology/ PROSPECTIVE STUDIES/ RADIOTHERAPY DOSAGE/ TIME FACTORS

3245. **Skinner JD, Rowson LE:** Effects of testosterone injected unilaterally down the vas deferens on the accessory glands of the ram. J Endocr 42:355-6, Oct 68
ANIMAL EXPERIMENTS/ BULBOURETHRAL GLANDS, drug effects/ CASTRATION/ CITRATES, analysis/ FRUCTOSE, analysis/ MALE/ SEMINAL VESICLES, drug effects/

SHEEP/ *TESTOSTERONE, pharmacodynamics/ VAS DEFERENS, analysis/ *VAS DEFERENS, drug effects

3246. **Skinner JD, Rowson LE:** Some effects of unilateral cryptorchism and vasectomy on sexual development of the pubescent ram and bull.
J Endocr 42:311-21, Oct 68
ANDROGENS, analysis/ ANIMAL EXPERIMENTS/ CATTLE/ CELL DIVISION/ CRYPTORCHISM, enzymology/ CRYPTORCHISM, metabolism/ *CRYPTORCHISM, physiopathology/ *GENITALIA, MALE, growth & development/ MALE/ *PUBERTY/ SHEEP/ TESTIS, analysis/ TESTIS, anatomy & histology/ *VAS DEFERENS, physiology

3247. **Skinner SL, Lumbers ER, Symonds EM:** Alteration by oral contraceptives of normal menstrual changes in plasma renin activity, concentration and substrate.
Clin Sci 36:67-76, Feb 69
ANGIOTENSIN, blood/ ANGIOTENSIN, metabolism/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ HUMAN/ HYPERTENSION, RENAL, enzymology/ *MENSTRUATION/ PREGNANEDIOL/ *RENIN, blood/ RENIN, physiology

3248. **Skultety FM:** Alterations of caloric intake in cats following lesions of the hypothalamus and midbrain.
Ann NY Acad Sci 157:861-74, 15 May 69
ANIMAL EXPERIMENTS/ BODY WEIGHT/ CALORIMETRY/ CATS/ *DIET/ *DRINKING BEHAVIOR/ *FEEDING BEHAVIOR/ *HYPOTHALAMUS, physiology/ *MESENCEPHALON, physiology

3249. **Skurikhina MM, Lomova MA:** Vliianie adrenaléktomii na ékspetsiiu timidina i dezoksiuridina u obluchennykh krys.
Radiobiologiia 7:478-9, May-Jun 67 **(Rus)**
ADRENAL GLANDS, physiology/ *ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *DEOXYURIDINE, metabolism/ *RADIATION INJURY, EXPERIMENTAL, metabolism/ RATS/ *THYMIDINE, metabolism

3250. **Skyberg D, Jacobsen CD:** Defibrination syndrome in a newborn, and its treatment with exchange transfusion. Acta Paediat Scand 58:83-6, Jan 69
*ADRENAL CORTEX HORMONES, therapeutic use/ AFIBRINOGENEMIA, drug therapy/ *AFIBRINOGENEMIA, therapy/ *ASPHYXIA NEONATORUM, complications/ ECCHYMOSIS/ *EXCHANGE TRANSFUSION/ *FIBRIN, antagonists & inhibitors/ HEMORRHAGE, etiology/ HEPARIN, therapeutic use/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ MALE/ PENICILLIN, therapeutic use/ RESPIRATION, ARTIFICIAL

3251. **Sládek M, Kopečný J:** Kortikoidy v lé-cbě a prevenci potratů. Cesk Gynek 34:253-5, Apr 69 **(Cze)**
*ABORTION, prevention & control/ *ADRENAL CORTEX HORMONES, therapeutic use/ ADRENAL GLAND DISEASES, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ PREGNANCY/ *STERILITY, FEMALE, drug therapy

3252. **Slavin BG, Elias JJ:** The influence of pituitary hormones and norepinephrine on the size of adipose cells in organ culture. Anat Rec 164:141-51, Jun 69
*ADIPOSE TISSUE, drug effects/ ANIMAL EXPERIMENTS/ BROWN FAT/ CORTICOTROPIN, pharmacodynamics/ INSULIN, pharmacodynamics/ LIPOTROPIN, pharmacodynamics/ MALE/ MICE/ *NOREPINEPHRINE, pharmacodynamics/ *PITUITARY HORMONES, ANTERIOR, pharmacodynamics/ SOMATOTROPIN, pharmacodynamics/ *TISSUE CULTURE

3253. **Slebodziński A, Srebro Z:** The thyroid gland and the neurosecretory activity of the hypothalamus in the newborn rabbit. J Endocr 42:193-203, Oct 68
AGE FACTORS/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ BODY WEIGHT/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, growth & development/ HYPOTHALAMUS, anatomy & histology/ HYPOTHALAMUS, drug effects/ *HYPOTHALAMUS, secretion/ *NEUROSECRETION/ ORGAN WEIGHT/ PROTEIN-BOUND IODINE TEST/ RABBITS/ THYROID GLAND, anatomy & histology/ THYROID GLAND, drug effects/ *THYROID GLAND, growth & development/ THYROID GLAND, secretion

3254. **Slim MS, Dabbous I, Frayha F, et al:** Malignant abdominal neoplasms in childhood.
Amer J Surg 118:75-82, Jul 69
ABDOMINAL NEOPLASMS, mortality/ *ABDOMINAL NEOPLASMS, occurrence/ ABDOMINAL NEOPLASMS, physiopathology/ ABDOMINAL NEOPLASMS, surgery/ ADOLESCENCE/ AGE FACTORS/ BLOOD PRESSURE/ CHILD/ CHILD, PRESCHOOL/ ETHNIC GROUPS/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ HYDATIDIFORM MOLE, occurrence/ INFANT/ LEBANON/ LYMPHOMA, occurrence/ LYMPHOMA, surgery/ MALE/ NEPHROBLASTOMA, occurrence/ NEPHROBLASTOMA, surgery/ NEUROBLASTOMA, occurrence/ NEUROBLASTOMA, surgery/ RECTAL NEOPLASMS, occurrence/ RETROSPECTIVE STUDIES/ SEX FACTORS

3255. **Sluyser M:** Interaction of steroid hormones with histones in vitro.
Biochim Biophys Acta 182:235-44, 20 May 69
ANIMAL EXPERIMENTS/ CATTLE/ CHLOROFORM/ DNA/ GEL FILTRATION/ *HISTONES, metabolism/ *HYDROCORTISONE, metabolism/ MODELS, BIOLOGIC/ MODELS, CHEMICAL/ OXIDATION-REDUCTION/ PROTEIN BINDING/ TEMPERATURE/ TESTOSTERONE, metabolism/ THYMUS GLAND/ TIME FACTORS/ TRITIUM/ TRYPSIN

3256. **Sluyser M, Rümke P, Hekman A:** Antigenicity of histones: comparative studies on histones with very high lysine content from various sources.
Immunochemistry 6:494-8, May 69
ANIMAL EXPERIMENTS/ *ANTIGENS, analysis/ CATTLE/ FLUORESCENT ANTIBODY TECHNIC/ *HISTONES/ HISTONES, analysis/ IMMUNOELECTROPHORESIS/ KIDNEY, immunology/ LIVER, immunology/ *LYSINE, analysis/ PANCREAS, immunology/ RABBITS/ RATS/ TESTIS, immunology/ THYMUS GLAND, immunology

3257. **Smaltino F, Cucciniello B:** Un caso do epidermoide della regione epifisaria.
Rass Int Clin Ter 47:881-8, 31 Aug 67 **(Ita)**
ADULT/ *CEREBRAL VENTRICLE NEOPLASMS/ *DERMOID CYST/ ELECTROENCEPHALOGRAPHY/ HUMAN/ MALE/ *PINEAL BODY, pathology/ VENTRICULOGRAPHY

3258. **Smeenk D:** Influence of hormones on bone.
J Endocr 43:xiv-xv, Jan 69
ANIMAL EXPERIMENTS/ *BONE AND BONES, drug effects/ *CORTISONE, pharmacodynamics/ CUSHING'S SYNDROME, metabolism/ HUMAN/ HYPERPARATHYROIDISM, metabolism/ IN VITRO/ OSTEITIS DEFORMANS, metabolism/ OSTEOPOROSIS, metabolism/ *PARATHYROID HORMONE, pharmacodynamics/ RATS/ *THYROCALCITONIN, pharmacodynamics/ TISSUE CULTURE

3259. **Smelik PG, Hedge GA:** Dissociation between production and storage of corticotrophin-releasing factor. J Endocr 43:xxxvii, Jan 69
ANIMAL EXPERIMENTS/ CORTICOTROPIN, secretion/ *CORTICOTROPIN RELEASING FACTOR, biosynthesis/ *CORTICOTROPIN RELEASING FACTOR, metabolism/ CORTICOTROPIN RELEASING FACTOR, secretion/ *DEXAMETHASONE, pharmacodynamics/ HYPOTHALAMUS,

physiology/ RATS/ VASOPRESSIN, pharmacodynamics

3260. **Smet W:** Rorschachtest en puberteitsonderzoek. Historiek en literatuuroverzicht.
Nederl T Psychol 24:302-23, May-Jun 69 (65 ref.) **(Dut)**
ADOLESCENCE/ ADOLESCENT PSYCHOLOGY/ AGE FACTORS/ CHILD/ FEMALE/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ MALE/ *PUBERTY/ REVIEW/ *RORSCHACH TEST/ RORSCHACH TEST, history/ RORSCHACH TEST, standards/ SEX FACTORS

3261. **Smirnova IuM:** Izuxhenie antigennogo razdrazheniia u bol'nykh revmatizmom i ego sopostavlenie s klinikoĭ stepen'iu aktivnosti i rezul'tatami lecheniia.
Vop Revm 7:63-7, Apr-Jun 67 **(Rus)**
ADULT/ ANTIBIOTICS, therapeutic use/ *ANTIGENS, analysis/ FEMALE/ HORMONES, therapeutic use/ HUMAN/ MALE/ *RHEUMATIC FEVER/ RHEUMATIC FEVER, diagnosis/ RHEUMATIC FEVER, drug therapy/ SALICYLATES, therapeutic use/ *STREPTOCOCCUS, immunology

3262. **Smit-Vis JH, Smit GJ:** Body weight and organ sizes in warmth-adapted and in cold-adapted, hibernating golden hamsters. Experientia 25:156-8, 15 Feb 69
*ADIPOSE TISSUE, anatomy & histology/ *ADRENAL GLANDS, anatomy & histology/ *ADRENAL MEDULLA, anatomy & histology/ ANIMAL EXPERIMENTS/ *BODY WEIGHT/ BROWN FAT, anatomy & histology/ *COLD/ *FEMUR, anatomy & histology/ HAMSTERS/ *HEART, anatomy & histology/ *HEAT/ *HIBERNATION/ *KIDNEY, anatomy & histology/ *LIVER, anatomy & histology/ *LUNG, anatomy & histology/ *PANCREAS, anatomy & histology/ PHYSIOLOGY, COMPARATIVE/ *SKIN, anatomy & histology/ *SPLEEN, anatomy & histology/ *TESTIS, anatomy & histology

3263. **Smith DR, Hardman JM, Earle KM:** Contiguous glioblastoma multiforme and fibrosarcoma with extracranial metastasis. Cancer 24:270-6, Aug 69
ADRENAL GLAND NEOPLASMS, pathology/ *BRAIN NEOPLASMS, pathology/ CEREBELLAR NEOPLASMS, pathology/ CHILD/ FEMALE/ *FIBROSARCOMA, pathology/ FRONTAL LOBE, pathology/ *GLIOBLASTOMA MULTIFORME, pathology/ HUMAN/ LIVER NEOPLASMS, pathology/ LUNG NEOPLASMS, pathology/ MALE/ MENINGES, pathology/ MIDDLE AGE/ NEOPLASM METASTASIS/ TEMPORAL LOBE, pathology

3264. **Smith FG Jr, Tinglof BO, Meuli J, et al:** Fetal response to parathyroid hormone in sheep.
J Appl Physiol 27:276-9, Aug 69
ANIMAL EXPERIMENTS/ CALCIUM, blood/ *FETUS, drug effects/ GLOMERULAR FILTRATION RATE/ *KIDNEY, drug effects/ KIDNEY, physiology/ *PARATHYROID HORMONE, pharmacodynamics/ PHOSPHATES, blood/ SHEEP

3265. **Smith I, Perry JD, Lightstone PJ:** Disc electrophoresis of alkaline phosphatases: mobility changes caused by neuraminidase. Clin Chim Acta 25:17-9, Jul 69
*ALKALINE PHOSPHATASE, analysis/ BONE AND BONES, enzymology/ ELECTROPHORESIS, DISK/ HUMAN/ LIVER, enzymology/ NEURAMINIC ACIDS/ *NEURAMINIDASE/ TIME FACTORS

3266. **Smith LD, Ecker RE:** Cytoplasmic regulation in early events of amphibian development.
Canad Cancer Conf 8:103-29, 1969
ANIMAL EXPERIMENTS/ *CYTOPLASM, metabolism/ FEMALE/ FROGS/ INSEMINATION/ *MEIOSIS/ OVULATION/ *OVUM, growth & development/ PROGESTERONE, pharmacodynamics/ PROTEINS, biosynthesis

3267. **Smith LD, Ecker RE:** Role of the oocyte nucleus in physiological maturation in Rana pipiens.
Develop Biol 19:281-309, Mar 69
ANIMAL EXPERIMENTS/ *CELL NUCLEUS/ CYTOPLASM/ DACTINOMYCIN, pharmacodynamics/ FEMALE/ FROGS/ INJECTIONS/ LEUCINE, metabolism/ *MEIOSIS/ MEIOSIS, drug effects/ OVUM, drug effects/ OVUM, metabolism/ OVUM, physiology/ PROGESTERONE, pharmacodynamics/ PROTEINS, biosynthesis/ PUROMYCIN, pharmacodynamics/ RECEPTORS, DRUG/ RNA, biosynthesis/ TRITIUM

3268. **Smith MJ, Sharman GB:** Development of dormant blastocysts induced by oestrogen in the ovariectomized marsupial, Macropus eugenii.
Aust J Biol Sci 22:171-80, Feb 69
ANIMAL EXPERIMENTS/ BENZOATES, pharmacodynamics/ CASTRATION/ CELL DIVISION, drug effects/ ESTRADIOL, pharmacodynamics/ *ESTROGENS, pharmacodynamics/ FEMALE/ *GERM CELLS, drug effects/ *GERM CELLS, growth & development/ *MARSUPIALIA, physiology/ *OVARY, physiology/ PREGNANCY/ PROGESTERONE, pharmacodynamics/ RATS/ UTERUS, cytology

3269. **Smith PA, King RC:** Genetic control of synaptonemal complexes in Drosophila melanogaster.
Genetics 60:335-51, Oct 68
ANIMAL EXPERIMENTS/ *CROSSING OVER (GENETICS)/ *CYTOGENETICS/ DROSOPHILA/ FEMALE/ MATERNAL AGE/ MEIOSIS/ MICROSCOPY, ELECTRON/ *OVARY, cytology/ *OVUM, cytology

3270. **Smith PB, Robinson AW:** A radiographic jig for the von Rosen view. Radiography 35:166-9, Jul 69
CHILD, PRESCHOOL/ FEMUR, radiography/ GONADS/ *HIP DISLOCATION, CONGENITAL, radiography/ HUMAN/ INFANT/ INFANT, NEWBORN/ PLASTICS/ *POSTURE/ RADIATION PROTECTION/ *TECHNOLOGY, RADIOLOGIC/ THIGH

3271. **Smith QT:** Radioactivity of dermis and epidermis after injection of 1,2-3H-cortisol acetate and 1,2-3H-cortisol. J Invest Derm 52:521-7, Jun 69
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, PAPER/ HYDROCORTISONE, administration & dosage/ *HYDROCORTISONE, metabolism/ INJECTIONS, INTRAMUSCULAR/ MALE/ RADIOIMMUNOASSAY/ RATS/ *SKIN, metabolism/ TRITIUM

3272. **Smith R:** Dissociation between changes in urinary total hydroxyproline and plasma alkaline phosphatase after removal of parathyroid tumour.
Clin Chim Acta 23:421-6, Mar 69
ADULT/ AGED/ *ALKALINE PHOSPHATASE, blood/ COLLAGEN, biosynthesis/ FEMALE/ HUMAN/ *HYDROXYPROLINE, urine/ OSTEITIS FIBROSA CYSTICA/ *PARATHYROID GLANDS, physiopathology/ PARATHYROID GLANDS, surgery/ PARATHYROID NEOPLASMS, blood/ PARATHYROID NEOPLASMS, drug therapy/ PARATHYROID NEOPLASMS, surgery/ PARATHYROID NEOPLASMS, urine/ THYROID HORMONES, therapeutic use/ THYROIDECTOMY/ VITAMIN D, therapeutic use

3273. **Smith RE:** Thermal factors controlling rabbit skin thermoregulatory processes.
Fed Proc 28:1011-6, May-Jun 69
ANIMAL EXPERIMENTS/ *BODY TEMPERATURE REGULATION/ *BRAIN, physiology/ EAR, EXTERNAL, blood supply/ EXTRACORPOREAL CIRCULATION/ HYPOTHALAMUS, physiology/ PLETHYSMOGRAPHY/ RABBITS/ *SKIN, physiology/ STEREOTAXIC TECHNICS

3274. **Smith RE, Henzl MR:** Role of mucopolysaccharides and lysosomal hydrolases in endometrial regression following withdrawal of estradiol and chlormadinone acetate. I. Epithelium and stroma.

Endocrinology 85:50-66, Jul 69
*ACID PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ *CHLORMADINONE, pharmacodynamics/ ENDOMETRIUM, cytology/ *ENDOMETRIUM, cytology/ ENDOMETRIUM, drug effects/ *ENDOMETRIUM, drug effects/ ENDOMETRIUM, enzymology/ ENDOMETRIUM, enzymology/ ENDOMETRIUM, metabolism/ *EPITHELIUM/ *ESTRADIOL, pharmacodynamics/ FEMALE/ GOLGI APPARATUS/ HISTOCYTOCHEMISTRY/ *LYSOSOMES, enzymology/ MICROSCOPY, ELECTRON/ *MUCOPOLYSACCHARIDES, metabolism/ RABBITS

3275. **Smith RO, Hemenway WG, English GM, et al:** Post-intubation subglottic granulation tissue: review of the problem and evaluation of radiotherapy.
Laryngoscope 79:1227-51, Jul 69 (45 ref.)
ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ ANTIBIOTICS, therapeutic use/ FEMALE/ GLOTTIS/ *GRANULOMA/ GRANULOMA, etiology/ GRANULOMA, pathology/ GRANULOMA, physiopathology/ GRANULOMA, radiotherapy/ GRANULOMA, surgery/ GRANULOMA, therapy/ HUMAN/ *INTUBATION, INTRATRACHEAL, adverse effects/ *LARYNGEAL DISEASES/ LARYNGEAL DISEASES, radiotherapy/ LARYNGOSTENOSIS, therapy/ MIDDLE AGE/ REVIEW/ SEX FACTORS

3276. **Smith WC, Groves TW:** Oestrus synchronisation of stall-housed sows and gilts with methallibure.
Vet Rec 84:499-502, 17 May 69
ANIMAL EXPERIMENTS/ DIET/ ENVIRONMENT/ *ESTRUS, drug effects/ FERTILIZATION/ *HYDRAZINES, pharmacodynamics/ *SWINE/ *THIOCARBAMATES, pharmacodynamics

3277. **Smollich A:** Zur Frage der Beziehung der neurosekretorischen Hypothalamuskerne zur Keimdrüsenfunktion.
Z Zellforsch 95:216-22, 1969 (Ger)
ANIMAL EXPERIMENTS/ BENZOATES, pharmacodynamics/ CASTRATION/ CELL NUCLEUS, drug effects/ ENGLISH ABSTRACT/ *ESTRADIOL, pharmacodynamics/ FEMALE/ GONADS, physiology/ HISTOLOGICAL TECHNICS/ *HYPOTHALAMUS, cytology/ HYPOTHALAMUS, drug effects/ HYPOTHALAMUS, physiology/ KARYOMETRY/ MALE/ *PROGESTERONE, pharmacodynamics/ PROPIONATES, pharmacodynamics/ RATS/ SEX FACTORS/ *TESTOSTERONE, pharmacodynamics

3278. **Smookler HH, Buckley JP:** Relationships between brain catecholamine synthesis, pituitary adrenal function and the production of hypertension during prolonged exposure to environmental stress.
Int J Neuropharmacol 8:33-41, Jan 69
ADRENAL GLANDS, secretion/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ *BRAIN CHEMISTRY, drug effects/ CORTICOSTERONE, blood/ DOPAMINE, analysis/ *DOPAMINE, biosynthesis/ FATTY ACIDS, NONESTERIFIED, blood/ *HYPERTENSION, etiology/ LIGHT/ MALE/ METHYLTYROSINES, pharmacodynamics/ NOISE/ NOREPINEPHRINE, analysis/ *NOREPINEPHRINE, biosynthesis/ *PITUITARY-ADRENAL SYSTEM/ RATS/ *STRESS

3279. **Snaid V, Zavadil M:** Trofoblast z hiediska prekanceróz.
Cesk Gynek 34:277-9, May 69 (Cze)
*CHORIOCARCINOMA, pathology/ CHORIOCARCINOMA, prevention & control/ ENGLISH ABSTRACT/ FEMALE/ GONADOTROPINS, CHORIONIC, blood/ HUMAN/ HYDATIDIFORM MOLE, pathology/ *PRECANCEROUS CONDITIONS, diagnosis/ PREGNANCY/ PREGNANCY COMPLICATIONS/ *TROPHOBLAST, physiopathology

3280. **Sobels FH:** A study of the causes underlying the differences in radiosensitivity between mature spermatozoa and late spermatids in Drosophila.
Mutat Res 8:111-25, Jul-Aug 69
AIR/ ANIMAL EXPERIMENTS/ CHROMOSOME ABERRATIONS, radiation effects/ DROSOPHILA/ FEMALE/ *GERM CELLS, radiation effects/ MALE/ MUTATION, radiation effects/ NITROGEN, pharmacodynamics/ OXYGEN, pharmacodynamics/ *RADIATION GENETICS/ SEX CHROMOSOMES, radiation effects/ *SPERMATOZOA, radiation effects

3281. **Sochocky S:** Diabetes insipidus.
S Dakota J Med 22:23-5, Jun 69
*DIABETES INSIPIDUS/ DIABETES INSIPIDUS, etiology/ HEAD INJURIES, complications/ HUMAN/ MALE/ MIDDLE AGE

3282. **Sodd VJ, Wellman HN, Branson BM:** 123I thyroid measurements with a Ge (Li) detector.
J Nucl Med 10:136-9, Mar 69
*GERMANIUM/ HUMAN/ IODINE, metabolism/ *IODINE ISOTOPES, DIAGNOSTIC/ LITHIUM/ *RADIOISOTOPE SCANNING/ *RADIOMETRY, instrumentation/ THYROID GLAND, metabolism

3283. **Sokol AE:** K klinike gipergidropeksicheskogo sindroma parkhona (nesakharnogo antidiabeta)
Ter Arkh 39:105-7, Aug 67 (Rus)
ADULT/ *ANURIA/ CASE REPORT/ *ENDOCRINE DISEASES, diagnosis/ ENDOCRINE DISEASES, physiopathology/ FEMALE/ HUMAN/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiopathology/ *THIRST/ *VASOPRESSIN

3284. **Solari JJ, Muzio A:** Fibroma paratesticular.
Rev Argent Urol 37:119-20, Jan-Jul 68 (Spa)
ADULT/ *FIBROMA/ HUMAN/ MALE/ *TESTICULAR NEOPLASMS

3285. **Sole Sagarra J:** El substrato orgánico de las oligofrenias.
Rev Neuropsiquiat 31:173-93, Sep 68 (Spa)
CHROMOSOME ABNORMALITIES, complications/ ENDOCRINE DISEASES, complications/ ENGLISH ABSTRACT/ HUMAN/ *MENTAL RETARDATION, etiology/ SCLEROSIS, complications

3286. **Soliertinskaia TN:** O strukturno-funktsional'nykh vzaimootnosheniiakh filogeneticheski razlichnykh otdelov gipotalamusa s novoĭ koroĭ u krolikov.
Fiziol Zh SSSR Sechenov 54:426-35, Apr 68 (Rus)
ANIMAL EXPERIMENTS/ *CEREBRAL CORTEX, physiology/ ELECTRIC STIMULATION/ ENGLISH ABSTRACT/ EVOKED POTENTIALS/ EVOLUTION/ *HYPOTHALAMUS, physiology/ NEURAL INTERCONNECTIONS/ RABBITS

3287. **Solomon WJ, Hoff G:** An immunologic pregnancy test for mares.
J Amer Vet Med Ass 155:42-4, 1 Jul 69
ANIMAL EXPERIMENTS/ FEMALE/ *GONADOTROPINS, EQUINE/ HEMAGGLUTINATION INHIBITION TESTS/ *HORSES/ PREGNANCY/ *PREGNANCY TESTS, veterinary

3288. **Sölts-Szöts J:** Diagnostische und therapeutische Möglichkeiten beim Haarausfall.
Wien Med Wschr 119:103-5, 8 Feb 69 (12 ref.) (Ger)
*ALOPECIA, diagnosis/ *ALOPECIA, drug therapy/ ALOPECIA, etiology/ ANEMIA, HYPOCHROMIC, complications/ ANTI-INFLAMMATORY AGENTS, TOPICAL, therapeutic use/ CLIMACTERIC/ ESTROGENS, administration & dosage/ ESTROGENS, therapeutic use/ FEMALE/ HAIR, pathology/ HUMAN/ MALE/ NICOTINIC ACID, administration & dosage/ NICOTINIC ACID, therapeutic use/ PREDNISOLONE, administration & dosage/ PREDNISOLONE, therapeutic use/ PREGNANCY/ PREGNANCY COMPLICATIONS/ REVIEW/ SEBORRHEA, complications/ SEBORRHEA, drug therapy/

VITAMINS, administration & dosage/ VITAMINS, therapeutic use

3289. **Sonenberg M, Dellacha JM, Free CA, et al:** Growth hormone activity in man of chymotryptic digests of bovine growth hormone. J Endocr 44:255-65, Jun 69
ADULT/ AGED/ ANIMAL EXPERIMENTS/ CATTLE/ *CHYMOTRYPSIN/ DIABETES MELLITUS/ ELECTROPHORESIS, DISK/ FEMALE/ HUMAN/ HYPOPITUITARISM, drug therapy/ INSULIN, antagonists & inhibitors/ MALE/ MIDDLE AGE/ NITROGEN, biosynthesis/ SOMATOTROPIN, adverse effects/ *SOMATOTROPIN, analysis/ SOMATOTROPIN, pharmacodynamics/ *SOMATOTROPIN, pharmacodynamics/ TIME FACTORS

3290. **Sonka J, Gregorovà I:** The role of DHA in the pathogenesis of obesity and its metabolic complications. Pol Arch Med Wewnet 42:549-51, 1969
AMINO ACIDS, biosynthesis/ ARTERIOSCLEROSIS, metabolism/ CHOLESTEROL, biosynthesis/ *DEHYDROEPIANDROSTERONE, secretion/ *DIABETES MELLITUS, metabolism/ FATTY ACIDS, biosynthesis/ *GLUCOSEPHOSPHATE DEHYDROGENASE, antagonists & inhibitors/ HUMAN/ HYPERTENSION, metabolism/ *NADP, antagonists & inhibitors/ *OBESITY, metabolism/ PHOSPHOLIPIDS, biosynthesis

3291. **Sonneck HJ, Schierz C:** Katamnestische Erhebungen zum Verlauf des endogenen Ekzems während der Pubertät, Menstruation und Gravidität.
Deutsch Gesundh 23:2376-9, 12 Dec 68 **(Ger)**
ADOLESCENCE/ ADULT/ CHILD/ *ECZEMA/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ *MENSTRUATION/ MIDDLE AGE/ *PREGNANCY/ *PUBERTY

3292. **Sonnet J, Steichen-Defalque M, Brisbois P:** Isolement et propriétés d'une mélanine obtenue à partir de mélanogènes urinaires dans un cas de maladie de Dubin-Johnson. Clin Chim Acta 24:325-33, Jun 69 **(Fre)**
ADRENOCHROME/ ADULT/ ENGLISH ABSTRACT/ HUMAN/ IMMUNOELECTROPHORESIS/ INFRARED RAYS/ *JAUNDICE, CHRONIC IDIOPATHIC, urine/ MELANIN, isolation & purification/ *MELANIN, urine/ MELANOMA, metabolism/ SPECTROPHOTOMETRY/ ULTRAVIOLET RAYS

3293. **Sorensen OH, Nielsen SP:** The hypocalcaemic and hypophosphataemic effect of extracts from chicken ultimorbranchial glands.
Acta Endocr (Kobenhavn) 60:689-95, Apr 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CHICKENS/ COMPARATIVE STUDY/ *ENDOCRINE GLANDS, physiology/ *HYPOCALCEMIA, chemically induced/ MALE/ *PHOSPHATES, blood/ RATS/ SWINE/ THYROCALCITONIN, analysis/ *THYROID GLAND, physiology/ TISSUE EXTRACTS, standards

3294. **Soskin LS, Burov IuS:** Opukholi gipofiza pri bolezni itsenko-kushinga.
Zh Nevropat Psikhiat Korsakov 69:286-92, 1969 (101 ref.) **(Rus)**
*ADENOMA, CHROMOPHOBE, complications/ ADENOMA, CHROMOPHOBE, metabolism/ ADRENAL GLANDS, metabolism/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CORTICOTROPIN, metabolism/ CORTICOTROPIN RELEASING FACTOR, metabolism/ *CUSHING'S SYNDROME, etiology/ CUSHING'S SYNDROME, metabolism/ CUSHING'S SYNDROME, surgery/ DOGS/ HUMAN/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, metabolism/ LIMBIC SYSTEM, metabolism/ PITUITARY-ADRENAL SYSTEM/ *PITUITARY NEOPLASMS, complications/ PITUITARY NEOPLASMS, metabolism/ REVIEW

3295. **Soulairac A:** The adrenergic and cholinergic control of food and water intake.
Ann NY Acad Sci 157:934-61, 15 May 69
ANIMAL EXPERIMENTS/ BLOOD SUGAR/ DIURESIS/ DOPA, pharmacodynamics/ *DRINKING BEHAVIOR, drug effects/ *FEEDING BEHAVIOR, drug effects/ HYPOTHALAMUS, drug effects/ INSULIN, pharmacodynamics/ IPRONIAZID, pharmacodynamics/ METHODS/ NEUROSECRETION, drug effects/ *PARASYMPATHOMIMETICS, pharmacodynamics/ RATS/ RESERPINE, pharmacodynamics/ SODIUM CHLORIDE/ *SYMPATHOMIMETICS, pharmacodynamics

3296. **Southgate DA, Widdowson EM:** Neonatal metabolism of calcium and fat. Lancet 1:1319, 28 Jun 69
*CALCIUM, metabolism/ FEMALE/ HUMAN/ INFANT, NEWBORN/ *INFANT NUTRITION/ *LIPIDS, metabolism/ MALE

3297. **Soutoul JH, Lagabrielle V:** Les hormones progestatives dans le traitement des cancers gynécologiques.
Presse Med 77:247-9, 8 Feb 69 **(Fre)**
ADENOCARCINOMA, drug therapy/ ADRENAL CORTEX HORMONES, therapeutic use/ BREAST NEOPLASMS, drug therapy/ DRUG SYNERGISM/ ENDOMETRIUM/ ENDOMETRIUM, pathology/ ESTROGENS, therapeutic use/ FEMALE/ *GYNECOLOGIC NEOPLASMS, drug therapy/ HORMONES, urine/ HUMAN/ MENOPAUSE/ METRORRHAGIA/ NEOPLASM METASTASIS/ OVARIAN NEOPLASMS, drug therapy/ PITUITARY GLAND, drug effects/ *PROGESTATIONAL HORMONES, therapeutic use/ UTERINE NEOPLASMS, drug therapy

3298. **Soyka LF:** Determinants of hepatic aminopyrine demethylase activity.
Biochem Pharmacol 18:1029-38, May 69
AGE FACTORS/ AMINOPYRINE, analysis/ *AMINOPYRINE, metabolism/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ BODY WEIGHT, drug effects/ DEFICIENCY DISEASES, etiology/ FEMALE/ FORMALDEHYDE, biosynthesis/ HEXOSEPHOSPHATES/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ LIVER, analysis/ *LIVER, enzymology/ MALE/ MICROSOMES, analysis/ NUTRITION/ ORGAN WEIGHT/ *OXIDOREDUCTASES, metabolism/ RATS/ SEX FACTORS/ TESTOSTERONE, pharmacodynamics/ TIME FACTORS

3299. **Spahn U, Voss E:** Die freien Fettsäuren des Serums--Regulationsmechanismen und klinische Bedeutung.
Z Aerztl Fortbild (Jena) 63:245-54, 1 Mar 69 (31 ref.) **(Ger)**
ADOLESCENCE/ ADULT/ ANIMAL EXPERIMENTS/ CHILD/ CHILD, PRESCHOOL/ DIABETES MELLITUS, metabolism/ DIABETES MELLITUS, JUVENILE, metabolism/ DIETARY FATS/ EXERTION/ *FATTY ACIDS, NONESTERIFIED, blood/ *FATTY ACIDS, NONESTERIFIED, metabolism/ FATTY ACIDS, NONESTERIFIED, pharmacodynamics/ FEMALE/ GLUCAGON, pharmacodynamics/ HEPATITIS, INFECTIOUS, metabolism/ HUMAN/ HYPERTHYROIDISM, metabolism/ INSULIN, pharmacodynamics/ LIPID METABOLISM, INBORN ERRORS, metabolism/ LIPIDS, metabolism/ MALE/ NOREPINEPHRINE, pharmacodynamics/ OBESITY, blood/ OBESITY IN DIABETES, metabolism/ PREDNISONE, pharmacodynamics/ PREGNANCY/ RATS/ REVIEW/ TRIGLYCERIDES, pharmacodynamics

3300. **Spät A, Sólyom J, Sturcz J, et al:** Effect of angiotensin superfusion on the rate of aldosterone production by incubated rat adrenals.
Acta Physiol Acad Sci Hung 35:149-51, 1969
ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, metabolism/ *ALDOSTERONE, biosynthesis/ *ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ IN VITRO/ MALE/ RATS

3301. **Speight JW, Baba WI, Wilson GM:** The effect of

propylthiouracil and 131-I on rat thyroid chromosomes. J Endocr 42:267-75, Oct 68
ANIMAL EXPERIMENTS/ CHROMOSOME ABNORMALITIES/ *CHROMOSOMES, drug effects/ *CHROMOSOMES, radiation effects/ IN VITRO/ *IODINE ISOTOPES, pharmacodynamics/ *PROPYLTHIOURACIL, pharmacodynamics/ *RADIATION EFFECTS/ RADIATION-PROTECTIVE AGENTS/ RATS/ *THYROID GLAND, drug effects/ *THYROID GLAND, radiation effects/ TISSUE CULTURE

3302. **Speight JW, Smith E, Baba WI, et al:** Lymphocyte chromosomes in untreated and 131-I-treated thyrotoxic patients. J Endocr 42:277-82, Oct 68
ADULT/ CHROMATIDS, radiation effects/ CHROMOSOME ABERRATIONS/ *CHROMOSOMES, radiation effects/ HUMAN/ *HYPERTHYROIDISM, radiotherapy/ *IODINE ISOTOPES, therapeutic use/ *LYMPHOCYTES, radiation effects/ MIDDLE AGE/ *RADIOTHERAPY, adverse effects/ TIME FACTORS

3303. **Spellberg MA:** Treatment of hemochromatosis. Amer J Gastroent 51:516-22, Jun 69 (61 ref.)
ALCOHOLIC BEVERAGES/ BLOODLETTING/ DIABETES MELLITUS, complications/ ENDOCRINE DISEASES, etiology/ HEART DISEASES, etiology/ HEMOCHROMATOSIS, complications/ *HEMOCHROMATOSIS, therapy/ HUMAN/ IRON, metabolism/ LIVER CIRRHOSIS, etiology/ REVIEW

3304. **Spellberg MA:** Treatment of glycogen storage disease (Von Gierke's disease). Amer J Gastroent 52:45-7, Jul 69
ADOLESCENCE/ ADULT/ CHILD, PRESCHOOL/ FEMALE/ GENES, RECESSIVE/ *GLUCAGON, therapeutic use/ GLUCOSEPHOSPHATASE DEFICIENCY, complications/ *GLUCOSEPHOSPHATASE DEFICIENCY, drug therapy/ HUMAN/ HYPOGLYCEMIA, etiology/ MALE/ PROGNOSIS/ *TESTOSTERONE, therapeutic use

3305. **Sperber MA:** Paraneoplastic hypercalcemia and renal malignancy. Brit Med J 3:176, 19 Jul 69
HUMAN/ *HYPERCALCEMIA, complications/ *KIDNEY NEOPLASMS, complications/ KIDNEY NEOPLASMS, pathology

3306. **Spicer SS, Sun DC:** Histochemical and morphologic changes in gastric mucosa of dogs on ulcerogenic regimen. Amer J Path 56:129-51, Jul 69
*ADRENAL GLANDS, physiology/ ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ *CORTICOTROPIN, pharmacodynamics/ DIETARY CARBOHYDRATES/ DOGS/ EPITHELIUM, analysis/ EPITHELIUM, pathology/ FEMALE/ GASTRIC MUCOSA, analysis/ *GASTRIC MUCOSA, pathology/ HISTOCYTOCHEMISTRY/ MAST CELLS/ STIMULATION, CHEMICAL/ *STOMACH ULCER, etiology/ STOMACH ULCER, pathology/ *VAGUS NERVE, physiology

3307. **Spierto F, Rogler JC, Parker HE:** Effect of dietary magnesium and fluoride on bone mineralization in young chicks. J Nutr 98:271-8, Jul 69
AGE FACTORS/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ BLOOD/ BONE AND BONES, drug effects/ *BONE AND BONES, metabolism/ CALCIFICATION, PHYSIOLOGIC/ CALCIUM, blood/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ CHICKENS/ DEPRESSION, CHEMICAL/ DIET/ FEMUR, metabolism/ *FLUORIDES, pharmacodynamics/ INTESTINAL ABSORPTION/ LIVER, metabolism/ *MAGNESIUM, pharmacodynamics/ MUSCLES, metabolism/ MYOCARDIUM, metabolism/ *PHOSPHORUS, metabolism/ PHOSPHORUS ISOTOPES/ TIME FACTORS

3308. **Spina C:** Considerazioni clinico-radiologiche sulle metastasi ossee da tumori germinali del testicolo. Nunt Radiol 33:1591-602, Dec 67 (Ita)
ADULT/ *BONE NEOPLASMS/ CHILD, PRESCHOOL/ *DISGERMINOMA/ *FEMORAL NEOPLASMS/ HIP JOINT/ HUMAN/ KNEE JOINT/ *LUNG NEOPLASMS/ MALE/ *NEOPLASM METASTASIS/ SHOULDER JOINT/ *TERATOID TUMOR/ *TESTICULAR NEOPLASMS/ TIBIA

3309. **Spinage CA:** Reproduction in the Uganda defassa waterbuck, Kobus defassa Ugandae Neumann. J Reprod Fertil 18:445-57, Apr 69
ANIMAL EXPERIMENTS/ *ARTIODACTYLA/ ESTRUS/ FEMALE/ FERTILIZATION/ GENITALIA, anatomy & histology/ MALE/ NIDATION/ ORGAN WEIGHT/ OVARY, physiology/ PERIODICITY/ PREGNANCY/ *REPRODUCTION/ SEASONS/ TEMPERATURE/ TESTIS, anatomy & histology/ UTERUS, physiology

3310. **Spincer J, Rook JA, Towers KG:** The uptake of plasma constituents by the mammary gland of the sow. Biochem J 111:727-32, Mar 69
ACETATES, blood/ *ACETATES, metabolism/ AMINO ACIDS, blood/ *AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ ARTERIES/ BLOOD SUGAR, analysis/ *BLOOD SUGAR, metabolism/ FEMALE/ LACTATION/ *MAMMAE, metabolism/ PREGNANCY/ SWINE/ TRIGLYCERIDES, blood/ *TRIGLYCERIDES, metabolism/ VEINS

3311. **Spirichev WB, Blazhelevich NV:** Zur Untersuchung des Mechanismus der toxischen Wirkung von Vitamin D. Int Z Vitaminforsch 39:30-6, 1969 (Ger)
ACETATES, pharmacodynamics/ ACIDS, pharmacodynamics/ ALDEHYDES, analysis/ ANIMAL EXPERIMENTS/ *ANTIOXIDANTS, pharmacodynamics/ AORTA, analysis/ *BODY WEIGHT, drug effects/ *CALCINOSIS, chemically induced/ CALCIUM, analysis/ ENGLISH ABSTRACT/ ESTERS, pharmacodynamics/ GALLIC ACID, pharmacodynamics/ KIDNEY, analysis/ KIDNEY, metabolism/ *LIPIDS, metabolism/ LIVER, analysis/ LIVER, metabolism/ MALE/ OXIDATION-REDUCTION/ RATS/ RUTIN, pharmacodynamics/ VITAMIN D, antagonists & inhibitors/ *VITAMIN D, toxicity/ VITAMIN E, pharmacodynamics

3312. **Spodaryk A:** Rozpoznawanie pici człowieka. Pieleg Poloz 1:15, Jan 69 (Pol)
SEX DETERMINATION/ SPECIAL LIST NURSING

3313. **Stabenfeldt GH, Holt JA, Ewing LL:** Peripheral plasma progesterone levels during the ovine estrous cycle. Endocrinology 85:11-5, Jul 69
ANIMAL EXPERIMENTS/ CORPUS LUTEUM, growth & development/ *ESTRUS/ FEMALE/ *PROGESTERONE, blood/ PROGESTERONE, secretion/ SECRETORY RATE/ *SHEEP, physiology

3314. **Stacher A, Stöcki W, Weiser M:** Veränderungen des Aminosäurepools bei multiplen Myelomen. Blut 19:73-8, May 69 (Ger)
*AMINO ACIDS, metabolism/ AUTOANALYSIS/ CYCLOHEXANE, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ MELPHALAN, therapeutic use/ MULTIPLE MYELOMA, drug therapy/ *MULTIPLE MYELOMA, metabolism/ NANDROLONE, therapeutic use/ PREDNISOLONE, therapeutic use/ PROPIONATES, therapeutic use

3315. **Stacy LD, Rosvoll RV:** Thyroid carcinoma: a survey of 133 consecutive cases. J Med Ass Georgia 58:121-5, Mar 69
ADULT/ AGED/ FEMALE/ GEORGIA/ HUMAN/ MALE/ MIDDLE AGE/ *THYROID NEOPLASMS, occurrence

3316. **Stahl PD, Kenny AD:** Studies on the mechanism of action of thyrocalcitonin: inhibition with acetazolamide. Endocrinology 85:161-4, Jul 69
*ACETAZOLAMIDE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BONE AND BONES, metabolism/ BONE RESORPTION, drug effects/ CALCIUM, blood/ CARBONIC

ANHYDRASE, physiology/ DEPRESSION, CHEMICAL/ HYPOCALCEMIA, chemically induced/ MALE/ NEPHRECTOMY/ PARATHYROID GLANDS, surgery/ PHOSPHATES, blood/ RATS/ SWINE/ *THYROCALCITONIN, antagonists & inhibitors

3317. **Stallings JO, Huffman WC, Bernstein L:** Reverse dermis grafts on bare bone.
Arch Otolaryng (Chicago) 90:79-82, Jul 69
ANIMAL EXPERIMENTS/ *BONE AND BONES, surgery/ CATS/ *SKIN, transplantation

3318. **Stanbury JB:** The changing iodide-uptake test.
New Eng J Med 280:1474-5, 26 Jun 69
BREAD/ FOOD ANALYSIS/ HUMAN/ HYPERTHYROIDISM, etiology/ IODINE, analysis/ *IODINE, metabolism/ IODINE ISOTOPES, DIAGNOSTIC/ *THYROID GLAND, metabolism/ *THYROID GLAND FUNCTION TESTS, standards

3319. **Stanbury JB:** Treatment of toxic diffuse goiter.
Postgrad Med 46:137-9, Jul 69
*GOITER, EXOPHTHALMIC, therapy/ HUMAN/ *IODINE ISOTOPES, therapeutic use/ *THYROID ANTAGONISTS, therapeutic use

3320. **Stănesco V, Maximilian C, Florea I, et al:** Trois soeurs avec dysgénésie gonadale pure et caryotype XY.
Ann Endocr (Paris) 29:449-59, Jul-Aug 68 **(Fre)**
ADOLESCENCE/ ADULT/ DERMATOGLYPHICS/ FEMALE/ HUMAN/ KARYOTYPING/ SEX CHROMATIN/ SEX CHROMOSOMES/ *TURNER'S SYNDROME/ TURNER'S SYNDROME, familial & genetic

3321. **Stantcheva M, Dokumov S:** L'iode protéique sanguin lors du dérèglement du cours normal de la grossesse.
Rev Franc Gynec Obstet 64:101-6, Mar 69 **(Fre)**
*ABORTION/ *BLOOD PROTEINS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *IODINE, blood/ IODOPROTEINS, blood/ PREGNANCY

3322. **Stark E, Fachet J, Makara GB, et al:** An attempt to explain differences in the hypophyseal-adrenocortical response to repeated stressful stimuli by their dependence on differences in pathways.
Acta Med Acad Sci Hung 25:251-60, 1968
ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ *CORTICOSTERONE, analysis/ ELECTROSHOCK/ ENDOTOXINS, pharmacodynamics/ ETHYL ETHER, pharmacodynamics/ FORMALDEHYDE, pharmacodynamics/ INJECTIONS/ MALE/ PITUITARY-ADRENAL SYSTEM, drug effects/ *PITUITARY-ADRENAL SYSTEM, physiology/ RATS/ *STRESS/ VASOPRESSIN, pharmacodynamics

3323. **Starnes WR:** Metabolism of dexamethasone by rat liver.
Alabama J Med Sci 6:149-51 passim, Apr 69
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ *DEXAMETHASONE, metabolism/ IN VITRO/ *LIVER, metabolism/ RATS

3324. **Starr P, Jaffe HL, Oettinger L Jr:** Later results of 131-I treatment of hyperthyroidism in 73 children and adolescents: 1967 followup.
J Nucl Med 10:586-90, Sep 69
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ *HYPERTHYROIDISM, radiotherapy/ *IODINE ISOTOPES, adverse effects/ *IODINE ISOTOPES, therapeutic use/ MALE/ PREGNANCY/ *THYROID GLAND, radiation effects/ THYROXINE, therapeutic use

3325. **Statland BE, Heagan BM, White JG:** Uptake of calcium by platelet relaxing factor.
Nature (London) 223:521-2, 2 Aug 69
ADENOSINE TRIPHOSPHATASE, metabolism/ *BLOOD PLATELETS, metabolism/ *CALCIUM, metabolism/ CENTRIFUGATION, DENSITY GRADIENT/ HISTOCYTOCHEMISTRY/ HUMAN/ IN VITRO/ MICROSCOPY, ELECTRON/ *MUSCLE RELAXING FACTOR, metabolism

3326. **Staub JJ, Luton JP, Philbert M, et al:** Die verschiedenen Aetiologien und die therapeutischen Möglichkeiten beim Cushing-Syndrom.
Praxis 57:1446-53, 22 Oct 68 **(Ger)**
ADOLESCENCE/ ADRENAL GLAND HYPERFUNCTION, complications/ *ADRENAL GLAND HYPOFUNCTION, complications/ ADULT/ *CUSHING'S SYNDROME/ CUSHING'S SYNDROME, drug therapy/ CUSHING'S SYNDROME, etiology/ CUSHING'S SYNDROME, surgery/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PITUITARY NEOPLASMS, complications

3327. **Staub JJ, Philbert M, Luton JP, et al:** Klinische Befunde und Laboratoriumsdiagnostik beim Cushing-Syndrom.
Praxis 57:1398-409, 15 Oct 68 (60 ref.) **(Ger)**
ADOLESCENCE/ ADRENAL CORTEX HORMONES, blood/ ADULT/ BODY CONSTITUTION/ CORTICOTROPIN, blood/ CUSHING'S SYNDROME, complications/ *CUSHING'S SYNDROME, diagnosis/ CUSHING'S SYNDROME, radiography/ CUSHING'S SYNDROME, urine/ DEHYDROEPIANDROSTERONE, urine/ DEXAMETHASONE, diagnostic use/ ECCHYMOSIS, etiology/ ENGLISH ABSTRACT/ FEMALE/ HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ HYDROCORTISONE, blood/ 17-HYDROXYCORTICOSTEROIDS, urine/ 17-KETOSTEROIDS, urine/ MALE/ OSTEOPOROSIS, etiology/ PERIODICITY/ PNEUMOPERITONEUM, ARTIFICIAL/ PROTEINS, metabolism/ REVIEW

3328. **Stavem P, Hjort PF:** Myelomatose.
T Norsk Laegeforen 89:826-8, 1 Jun 69 **(Nor)**
ANEMIA, etiology/ HUMAN/ HYPERCALCEMIA, etiology/ *MELPHALAN, therapeutic use/ MULTIPLE MYELOMA, complications/ MULTIPLE MYELOMA, diagnosis/ *MULTIPLE MYELOMA, drug therapy/ OSTEOPOROSIS, etiology

3329. **Stavem P, Hjort PF:** Kronisk lymfatisk levkemi.
T Norsk Laegeforen 89:633-5, 1 May 69 **(Nor)**
*ANTINEOPLASTIC AGENTS, administration & dosage/ ENGLISH ABSTRACT/ HUMAN/ LEUKEMIA, LYMPHOCYTIC, complications/ *LEUKEMIA, LYMPHOCYTIC, drug therapy/ *PREDNISONE, administration & dosage/ SPLENECTOMY

3330. **Steckel RJ, Tobin PL, Stein JJ, et al:** Intra-arterial epinephrine protection against radiation nephritis. A progress report.
Radiology 92:1341-5, May 69
ADENOCARCINOMA, radiotherapy/ ADULT/ CYSTADENOMA, MUCINOUS, radiotherapy/ *EPINEPHRINE, therapeutic use/ FEMALE/ HUMAN/ KIDNEY NEOPLASMS, radiotherapy/ LEIOMYOSARCOMA, radiotherapy/ MALE/ MIDDLE AGE/ NEPHRITIS, etiology/ *NEPHRITIS, prevention & control/ OVARIAN NEOPLASMS, radiotherapy/ PERITONEAL NEOPLASMS, radiotherapy/ *RADIATION INJURY, prevention & control/ *RADIATION-PROTECTIVE AGENTS, therapeutic use/ RADIOTHERAPY, adverse effects/ RENAL ARTERY

3331. **Steele JE:** A relationship between ionic environment and hormonal activation of phosphorylase in an insect.
Comp Biochem Physiol 29:755-63, May 69
*ADIPOSE TISSUE, enzymology/ ANIMAL EXPERIMENTS/ DEPRESSION, CHEMICAL/ *GLUCOSYLTRANSFERASES, metabolism/ GLYCOGEN, metabolism/ *HORMONES, physiology/ *INSECTS, enzymology/ PHOSPHATASES, metabolism/ POTASSIUM, metabolism/ *POTASSIUM, pharmacodynamics/ SODIUM, metabolism/ *SODIUM, pharmacodynamics/ STIMULATION, CHEMICAL

3332. **Steenblock DA, Fichera AP, Celander DR:** Preliminary results: effects of combination treatment with hydrocortisone and an antifibrinolytic agent (AMCHA) on dogs.
J Amer Osteopath Ass 68:1046, Jun 69
ANIMAL EXPERIMENTS/ *ANTIFIBRINOLYTIC AGENTS, therapeutic use/ *CYCLOHEXANECARBOXYLIC ACIDS, therapeutic use/ DOGS/ DRUG SYNERGISM/ *HYDROCORTISONE, therapeutic use/ INFECTION, drug therapy

3333. **Steigleder GK:** Periodisch auftretende Aphthen.
Deutsch Med Wschr 94:1386, 27 Jun 69 **(Ger)**
*BETAMETHASONE, therapeutic use/ FOOD HYPERSENSITIVITY, complications/ HUMAN/ NUTS/ *RESINS, therapeutic use/ *STOMATITIS, APHTHOUS, drug therapy/ STOMATITIS, APHTHOUS, etiology

3334. **Steigmann F, Mejicano R:** The impact of diuretics on chronic liver disease.
Amer J Gastroent 52:37-44, Jul 69
ALCOHOLISM, therapy/ *ASCITES, drug therapy/ CHLOROTHIAZIDE, therapeutic use/ DIET THERAPY/ *DIURETICS, therapeutic use/ ETHACRYNIC ACID, therapeutic use/ FUROSEMIDE, therapeutic use/ HUMAN/ *LIVER CIRRHOSIS, drug therapy/ SPIRONOLACTONE, therapeutic use/ WATER-ELECTROLYTE BALANCE

3335. **Stein L, Wise CD:** Release of norepinephrine from hypothalamus and amygdala by rewarding medial forebrain bundle stimulation and amphetamine.
J Comp Physiol Psychol 67:189-98, Feb 69
*AMPHETAMINE, pharmacodynamics/ *AMYGDALOID BODY, physiology/ ANIMAL EXPERIMENTS/ BEHAVIOR, ANIMAL/ BRAIN CHEMISTRY, drug effects/ CARBON ISOTOPES/ ELECTRIC STIMULATION/ *HYPOTHALAMUS, physiology/ NEURAL TRANSMISSION/ NOREPINEPHRINE, metabolism/ *NOREPINEPHRINE, physiology/ PERFUSION/ RATS/ *REWARD/ SELF STIMULATION/ SYNAPSES/ TRITIUM

3336. **Steinberger E, Tjioe DY:** Spermatogenesis in rat testes after experimental ischemia.
Fertil Steril 20:639-49, Jul-Aug 69
ANIMAL EXPERIMENTS/ *ISCHEMIA, pathology/ MALE/ NECROSIS/ ORGAN WEIGHT/ RATS/ *SPERMATOZOA/ *TESTIS, blood supply/ *TESTIS, pathology/ TIME FACTORS

3337. **Steiner H, Riccabona G, Baumgartl E, et al:** Probleme der medikamentösen Strumarezidiv-Prophylaxe.
Munchen Med Wschr 111:569-71, 7 Mar 69 **(Ger)**
AUSTRIA/ ENGLISH ABSTRACT/ FOLLOW-UP STUDIES/ *GOITER, prevention & control/ GOITER, surgery/ GOITER, ENDEMIC, prevention & control/ HEALTH EDUCATION/ HUMAN/ IODINE, therapeutic use/ *MEDICAL RECORDS/ METHODS/ THYROID HORMONES, therapeutic use/ THYROIDECTOMY/ TRIIODOTHYRONINE, therapeutic use

3338. **Steinwald OP Jr, Doolas A, Southwick HW:** Pheochromocytoma.
Surg Clin N Amer 49:87-98, Feb 69
*ADRENAL GLAND NEOPLASMS/ CATECHOLAMINES, metabolism/ FEMALE/ HUMAN/ MALE/ *PHEOCHROMOCYTOMA/ PHEOCHROMOCYTOMA, diagnosis/ PHEOCHROMOCYTOMA, metabolism/ PHEOCHROMOCYTOMA, physiopathology/ PHEOCHROMOCYTOMA, therapy/ PHYSICAL EXAMINATION

3339. **Stelmasiak T, Lipiński S, Fitko R:** Szybkość znikaniz homonu wzrostu znaczonego J-131 z krwi u różnych ras cieląt. Endokr Pol 20:199-208, May-Jun 69 **(Pol)**
ANIMAL EXPERIMENTS/ CATTLE/ ENGLISH ABSTRACT/ IODINE ISOTOPES/ *SOMATOTROPIN, blood/ SPECIES SPECIFICITY

3340. **Stelmasiak T, Lipiński S:** Znakowanie ludzkiego hormonu wzrostu (hgh) izotopem jodu131.
Acta Physiol Pol 20:199-208, Jan-Feb 69 **(Pol)**
CHROMATOGRAPHY/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ *IODINE ISOTOPES/ METHODS/ RADIOCHEMISTRY/ *SOMATOTROPIN

3341. **Stenram U, Berg R, Nilsson E:** Effects of some cancer-chemotherapeutic agents, especially cyclophosphamide, on an SV40 sarcoma in rat.
Z Krebsforsch 72:119-29, 1969
ANIMAL EXPERIMENTS/ AZATHIOPRINE, therapeutic use/ *CYCLOPHOSPHAMIDE, therapeutic use/ FLUOROURACIL, therapeutic use/ HYDROCORTISONE, therapeutic use/ NEOPLASM TRANSPLANTATION/ RATS/ *SARCOMA, EXPERIMENTAL, drug therapy/ SARCOMA, EXPERIMENTAL, radiotherapy/ *SV40 VIRUS/ THIO-TEPA, therapeutic use/ TIME FACTORS

3342. **Stenström B:** Oral contraception using a sequential method. A clinical investigation.
Acta Obstet Gynec Scand 47:443-50, 1968
ACETATES/ ADULT/ BODY WEIGHT, drug effects/ CLINICAL RESEARCH/ COITUS, drug effects/ *CONTRACEPTIVES, ORAL, administration & dosage/ CONTRACEPTIVES, ORAL, adverse effects/ *ETHINYL ESTRADIOL, administration & dosage/ FEMALE/ HUMAN/ LACTOSE/ MEGESTROL, administration & dosage/ MENSTRUATION, drug effects/ METHODS/ PLACEBOS/ *PREGNANCY/ *PREGNANES, administration & dosage/ *PROGESTATIONAL HORMONES, administration & dosage/ TABLETS/ TIME FACTORS

3343. **Stěpán J, Ott VR:** Blood mucoids in rheumatoid arthritis. Acta Rheum Scand 14:175-84, 1968
ADRENAL CORTEX HORMONES, therapeutic use/ *ANTI-INFLAMMATORY AGENTS, therapeutic use/ *ARTHRITIS, RHEUMATOID, blood/ ARTHRITIS, RHEUMATOID, drug therapy/ *BLOOD PROTEINS/ CHROMATOGRAPHY, ION EXCHANGE/ CRYSTALLOGRAPHY/ FEMALE/ GOLD, therapeutic use/ HEPARIN/ HEXOSES, analysis/ HUMAN/ IMMUNOELECTROPHORESIS/ MALE/ TYROSINE, analysis

3344. **Sterba G, Brückner G:** Elektronenmikroskopische Untersuchungen über die Reaktion der Pituizyten nach Hypophysenstieldurchtrennung bei Rana esculenta. Z Zellforsch 93:74-83, 1969 **(Ger)**
ANIMAL EXPERIMENTS/ AXONS, cytology/ *CYTOPLASMIC GRANULES/ FROGS/ MICROSCOPY, ELECTRON/ *NERVE DEGENERATION/ NERVE ENDINGS/ NEUROSECRETION/ *PHAGOCYTOSIS/ *PITUITARY GLAND, POSTERIOR, cytology/ PITUITARY GLAND, POSTERIOR, innervation

3345. **Stern E, Mickey MR:** Effects of a cyclic steroid contraceptive regimen on mammary gland tumor induction in rats. Brit J Cancer 23:391-400, Jun 69
ANIMAL EXPERIMENTS/ BENZANTHRACENES/ *CONTRACEPTIVES, ORAL, adverse effects/ DEPRESSION, CHEMICAL/ ENDOCRINE GLANDS, drug effects/ FEMALE/ GROWTH, drug effects/ MAMMAE, drug effects/ *MAMMARY NEOPLASMS, EXPERIMENTAL, chemically induced/ *MESTRANOL, administration & dosage/ *NORETHYNODREL, administration & dosage/ RATS/ TIME FACTORS

3346. **Sternadel Z, Wójcik M:** Zastosowanie preparatu syntometrin w przypadkach opróżniania jamy macicy z jaja płodowego. Ginek Pol 40:377-80, 1969 **(Pol)**
*ABORTION, LEGAL/ ABORTION, MISSED/ ADOLESCENCE/ ADULT/ ALKALOIDS, therapeutic use/ CURETTAGE/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ OXYTOCIN, therapeutic use/ UTERINE HEMORRHAGE, prevention & control/ UTERINE RUPTURE, prevention & control

3347. **Stevens JRMARK VH, Erwin F, Pacheco P, et al:** Deep

temporal stimulation in man. Long latency, long lasting psychological changes.
Arch Neurol (Chicago) 21:157-69, Aug 69
ACTION POTENTIALS/ ADULT/ *AMYGDALOID BODY, physiopathology/ *BEHAVIOR/ BEHAVIOR, drug effects/ COCAINE, pharmacodynamics/ *ELECTRIC STIMULATION/ ELECTRODES/ ELECTROENCEPHALOGRAPHY/ *EPILEPSY, physiopathology/ *HIPPOCAMPUS, physiopathology/ HUMAN/ MALE/ PENTYLENETETRAZOLE, pharmacodynamics/ *TEMPORAL LOBE, drug effects/ TIME FACTORS

3348. **Stevens VC:** Comparison of FSH and LH patterns in plasma, urine and urinary extracts during the menstrual cycle. J Clin Endocr 29:904-10, Jul 69
ADULT/ BIOLOGICAL ASSAY, standards/ CHEMISTRY, CLINICAL/ FEMALE/ *FSH, blood/ *FSH, urine/ HUMAN/ *LH, blood/ *LH, urine/ *MENSTRUATION/ RADIOIMMUNOASSAY, standards

3349. **Stevens W, Stover BJ, Bruenger FW, et al:** Some observations on the deposition of Americium-241 in the thyroid gland of the beagle.
Radiat Res 39:201-6, Jul 69
*AMERICIUM, metabolism/ ANIMAL EXPERIMENTS/ DOGS/ INJECTIONS, INTRAVENOUS/ IRON ISOTOPES, metabolism/ *RADIATION EFFECTS/ RADIOAUTOGRAPHY/ *THYROID GLAND, metabolism/ THYROID GLAND, radiation effects

3350. **Stewart TD:** The effects of pathology on skeletal populations. Amer J Phys Anthrop 30:443-9, May 69
*ANTHROPOLOGY, PHYSICAL/ BONE AND BONES, pathology/ HUMAN/ *PATHOLOGY/ SKELETON

3351. **Stickler GB:** Familial hypophosphatemic vitamin D resistant rickets. The neonatal period and infancy.
Acta Paediat Scand 58:213-9, May 69
ADULT/ ALKALINE PHOSPHATASE, blood/ BODY HEIGHT/ CALCIUM, urine/ FEMALE/ HUMAN/ *HYPOPHOSPHATEMIA, FAMILIAL, complications/ HYPOPHOSPHATEMIA, FAMILIAL, congenital/ HYPOPHOSPHATEMIA, FAMILIAL, prevention & control/ INFANT/ INFANT, NEWBORN/ MALE/ PHOSPHATES, blood/ PHOSPHATES, urine/ PREGNANCY/ *RICKETS, complications/ RICKETS, drug therapy/ RICKETS, prevention & control/ TIME FACTORS/ VITAMIN D, administration & dosage/ VITAMIN D, metabolism

3352. **Stiefel M, Ruse JL:** Urinary excretion of 16-alpha-hydroxyprogesterone during pregnancy and the menstrual cycle. J Clin Endocr 29:919-25, Jul 69
CARBON ISOTOPES/ CHEMISTRY, CLINICAL/ CHROMATOGRAPHY, GAS/ CRYSTALLIZATION/ FEMALE/ HUMAN/ *MENSTRUATION/ PREGNANCY/ PREGNANEDIOL, urine/ *PREGNANES, urine/ TRITIUM

3353. **Stigliani R, Barbolini G, Pozzi F:** I lipidi ipotalamici nell'età senile.
Arch De Vecchi Anat Pat 50:1-91, Nov 67 **(Ita)**
ADULT/ AGED/ AGING/ *BRAIN CHEMISTRY/ HISTOCYTOCHEMISTRY/ HUMAN/ *HYPOTHALAMUS, analysis/ HYPOTHALAMUS, anatomy & histology/ HYPOTHALAMUS, physiopathology/ *LIPIDS, analysis/ *NEURONS, analysis/ NEUROSECRETION

3354. **Still JW:** The cybernetic theory of aging.
J Amer Geriat Soc 17:625-37, Jul 69
AGED/ *AGING/ ANIMAL EXPERIMENTS/ *CYBERNETICS/ DEATH/ ENDOCRINE DISEASES, prevention & control/ ENDOCRINE GLANDS, physiology/ HUMAN/ MIDDLE AGE/ RESEARCH

3355. **Stöckl W, Onderscheka K, Zacherl MK:** Zur Frage des Eintritts und der Dauer von Cotticoidwirkungen.
Wien Tieraerztl Mschr 56:229-32, 1969 **(Ger)**
*BLOOD SUGAR, analysis/ *CATTLE/ DEXAMETHASONE, blood/ FLUMETHASONE, blood/ *GLUCOCORTICOIDS, blood/ PREDNISOLONE, blood

3356. **Stocks P:** Female susceptibility to cancer and other diseases as indicated by British and European mortality rates. Brit J Cancer 23:254-68, Jun 69
ADOLESCENCE/ ADULT/ AGED/ BILE DUCT NEOPLASMS, mortality/ BILIARY TRACT DISEASES, mortality/ CHILD/ CHILD, PRESCHOOL/ DIABETES MELLITUS, mortality/ EUROPE/ FEMALE/ GALLBLADDER DISEASES, mortality/ GREAT BRITAIN/ HUMAN/ INFANT/ INFANT, NEWBORN/ INTESTINAL NEOPLASMS, mortality/ MALE/ MELANOMA, mortality/ MIDDLE AGE/ *NEOPLASMS, mortality/ SEX CHROMOSOMES/ *SEX FACTORS/ SKIN NEOPLASMS, mortality/ THYROID DISEASES, mortality/ THYROID NEOPLASMS, mortality

3357. **Stoeckenius M:** Die Bedeutung der Chromosomenaberrationen für den Kinderarzt.
Mschr Kinderheilk 116:446-8, Jul 68 **(Ger)**
*CHROMOSOME ABERRATIONS/ *CHROMOSOME ABNORMALITIES, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ INFANT, NEWBORN/ KARYOTYPING/ MALE/ MONGOLISM, diagnosis/ SEX CHROMOSOME ABNORMALITIES, diagnosis/ TRISOMY/ TURNER'S SYNDROME, diagnosis

3358. **Stoeckle JD, Hardy HL, Weber AL:** Chronic beryllium disease. Long-term follow-up of sixty cases and selective review of the literature.
Amer J Med 46:545-61, Apr 69 (77 ref.)
ADULT/ *BERYLLIUM/ BERYLLIUM, urine/ BIOPSY/ CALCINOSIS, complications/ CALCIUM, urine/ CHRONIC DISEASE/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ HYPERCALCEMIA, complications/ LIVER DISEASES, chemically induced/ MALE/ MASSACHUSETTS/ MIDDLE AGE/ *OCCUPATIONAL DISEASES, chemically induced/ PSYCHOLOGY/ *PULMONARY FIBROSIS, chemically induced/ PULMONARY FIBROSIS, diagnosis/ PULMONARY FIBROSIS, drug therapy/ PULMONARY FIBROSIS, immunology/ PULMONARY FIBROSIS, radiography/ PULMONARY FIBROSIS, urine/ RESPIRATORY FUNCTION TESTS/ REVIEW/ SARCOIDOSIS, immunology/ SERUM GLOBULIN, analysis/ SKIN TESTS/ TUBERCULIN TEST

3359. **Stoenescu D:** Explorarea indirectă pentru localizarea tumorilor paratiroidiene.
Stud Cercet Endocr 19:531-3, 1968 **(Rum)**
HUMAN/ METHIONINE, diagnostic use/ *PARATHYROID NEOPLASMS, diagnosis/ PARATHYROID NEOPLASMS, radiography/ RADIOISOTOPE SCANNING/ RADIOISOTOPES/ SELENIUM

3360. **Stöhr PA:** Uber quantitative veränderungen "gomoripositiver" Substanzen in Infundibulum und Hypophysenhinterlappen der Ratte nach beidseitiger Adrenalektomie. Z Zellforsch 94:425-33, 1969 **(Ger)**
ADRENAL GLANDS, physiology/ *ADRENALECTOMY/ ANIMAL EXPERIMENTS/ DENSITOMETRY/ ENGLISH ABSTRACT/ HISTOLOGICAL TECHNICS/ *HYPOTHALAMUS, metabolism/ HYPOTHALAMUS, physiology/ MALE/ MICROSCOPY, FLUORESCENCE/ NEUROSECRETION/ *PITUITARY GLAND, POSTERIOR, metabolism/ PITUITARY GLAND, POSTERIOR, physiology/ RATS

3361. **Stokes J, Finn CA, Martin L:** Assessment of biological potency of progestins using the response of the mouse uterus. J Endocr 43:xl, Jan 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CASTRATION/ ESTRADIOL/ FEMALE/ METHODS/ MICE/ MITOSIS/ *PROGESTATIONAL HORMONES, analysis/ *UTERUS, drug effects

3362. **Stoliarova NA**: Vliianie myshechnoĭ deiatel'nosti i nekotorykh biologicheski aktivnykh veshchestv na soderzhanie kortikosteroidov v krovi i nadpochechnikakh.
Fiziol Zh SSSR Sechenov 54:838-42, Jul 68 **(Rus)**
*ADRENAL CORTEX HORMONES, analysis/ *ADRENAL CORTEX HORMONES, blood/ *ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *EXERTION/ RATS/ VITAMIN B COMPLEX

3363. **Stoltze D, Gottschalk E**: Zum Rezidivproblem bei operierten jugendlichen Strumen.
Z Aerztl Fortbild (Jena) 62:1217-21, 15 Nov 68 **(Ger)**
ADOLESCENCE/ ADULT/ CHILD/ FEMALE/ GOITER, diagnosis/ GOITER, drug therapy/ *GOITER, prevention & control/ GOITER, radiography/ *GOITER, surgery/ HUMAN/ MALE/ RADIOISOTOPE SCANNING/ *THYROIDECTOMY/ TIME FACTORS/ TRIIODOTHYRONINE, therapeutic use

3364. **Stone DB, Brown JD, Steele AA**: Effect of sodium salicylate on induced lipolysis in isolated fat cells of the rat. Metabolism 18:620-4, Jul 69
ADENINE NUCLEOTIDES, antagonists & inhibitors/ ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ CORTICOTROPIN, antagonists & inhibitors/ DEPRESSION, CHEMICAL/ DEXAMETHASONE, antagonists & inhibitors/ EPINEPHRINE, antagonists & inhibitors/ FATTY ACIDS, NONESTERIFIED, blood/ *FATTY ACIDS, NONESTERIFIED, metabolism/ GLUCAGON, antagonists & inhibitors/ *GLYCERIN, metabolism/ IN VITRO/ *LIPIDS, metabolism/ LIPOTROPIC FACTORS, antagonists & inhibitors/ MALE/ NOREPINEPHRINE, antagonists & inhibitors/ RATS/ *SODIUM SALICYLATE, pharmacodynamics/ SOMATOTROPIN, antagonists & inhibitors/ THEOPHYLLINE, antagonists & inhibitors

3365. **Stoughton RB**: Vasoconstrictor activity and percutaneous absorption of glucocorticosteroids. A direct comparison.
Arch Derm (Chicago) 99:753-6, Jun 69
BETAMETHASONE, pharmacodynamics/ BIOLOGICAL ASSAY/ COMPARATIVE STUDY/ FLUOCINOLONE ACETONIDE, pharmacodynamics/ *GLUCOCORTICOIDS, pharmacodynamics/ HUMAN/ IN VITRO/ MICE/ *SKIN ABSORPTION, drug effects/ VASOCONSTRICTOR AGENTS, pharmacodynamics

3366. **Stowers JM**: Insulin antibodies.
Postgrad Med J 45:32-9, Jan 69 (59 ref.)
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ ANTIGENS/ AUTOIMMUNE DISEASES/ BLOOD PROTEINS/ CATTLE/ CORTICOTROPIN, therapeutic use/ DIABETES MELLITUS, etiology/ GUINEA PIGS/ HUMAN/ INSULIN, adverse effects/ INSULIN, analysis/ INSULIN, metabolism/ *INSULIN ANTIBODIES/ INSULIN ANTIBODIES, analysis/ IODINE ISOTOPES/ KIDNEY, analysis/ RATS/ REVIEW/ SWINE

3367. **Straburzyński A**: Zawały serca powikłane zupełnym blokiem przedsionkowo-komorowym.
Wiad Lek 22:741-5, 15 Apr 69 (15 ref.) **(Pol)**
ADRENAL CORTEX HORMONES, therapeutic use/ *ARRHYTHMIA, complications/ *HEART BLOCK, complications/ HUMAN/ *MYOCARDIAL INFARCT, complications/ PACEMAKER, ARTIFICIAL/ REVIEW/ SOLUTIONS/ SYMPATHOMIMETICS, therapeutic use

3368. **Stratman FW, First NL, Meyer RK**: Failure of androgen to affect ovulation and puberty in swine.
J Reprod Fertil 18:343-5, Mar 69
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ CORPUS LUTEUM/ ESTRUS/ FEMALE/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, drug effects/ *OVULATION, drug effects/ *PUBERTY, drug effects/ SWINE/ *TESTOSTERONE, pharmacodynamics

3369. **Straus FH 2d, Paloyan E**: The pathology of hyperparathyroidism.
Surg Clin N Amer 49:27-42, Feb 69
ADULT/ AGE FACTORS/ AGED/ CARCINOMA, pathology/ FEMALE/ HUMAN/ HYPERPARATHYROIDISM, occurrence/ *HYPERPARATHYROIDISM, pathology/ HYPERPLASIA, pathology/ MALE/ MIDDLE AGE/ *PARATHYROID GLANDS, pathology/ PARATHYROID NEOPLASMS, occurrence/ *PARATHYROID NEOPLASMS, pathology/ SEX FACTORS

3370. **Strauss JF 3d, Lindner HR**: Maintenance of luteal function during unilateral pregnancy in the rat.
J Reprod Fertil 18:129-32, Feb 69
ANIMAL EXPERIMENTS/ CASTRATION/ CORPUS LUTEUM, anatomy & histology/ *CORPUS LUTEUM, physiology/ EMBRYO/ FALLOPIAN TUBES, surgery/ FEMALE/ HYSTERECTOMY/ INSEMINATION, ARTIFICIAL/ PREGNANCY/ *PREGNANCY, ANIMAL/ RATS/ *UTERUS, physiology

3371. **Strauss JS, Pochi PE**: Systemic estrogen therapy of acne. J Amer Med Wom Ass 24:337-41, Apr 69
*ACNE, drug therapy/ *ESTROGENS, therapeutic use/ HUMAN/ *SEBACEOUS GLANDS, drug effects/ *SEBUM, drug effects

3372. **Strel'tsova VN**: Sostoianie éndokrinnoĭ sistemy u éksperimental'nykh zhivotnykh s khronicheskim luchevym porazheniem.
Med Radiol (Moskva) 12:83-92, Oct 67 (35 ref.) **(Rus)**
ADRENAL GLANDS, radiation effects/ ANIMAL EXPERIMENTS/ CHRONIC DISEASE/ DOGS/ ENDOCRINE GLANDS, pathology/ *ENDOCRINE GLANDS, physiopathology/ *ENDOCRINE GLANDS, radiation effects/ ESTROGENS, urine/ FEMALE/ GUINEA PIGS/ MALE/ MICE/ NEOPLASMS, RADIATION-INDUCED/ OVARY, radiation effects/ PITUITARY GLAND, radiation effects/ *RADIATION EFFECTS/ *RADIATION INJURY, EXPERIMENTAL, physiopathology/ RATS/ REVIEW/ SPERMATOZOA/ STERILITY, FEMALE/ STRONTIUM ISOTOPES/ TESTIS, radiation effects/ THYROID GLAND, radiation effects

3373. **Stricker EM**: Osmoregulation and volume regulation in rats: inhibition of hypovolemic thirst by water.
Amer J Physiol 217:98-105, Jul 69
ANIMAL EXPERIMENTS/ BLOOD CHEMICAL ANALYSIS/ *BLOOD VOLUME/ DRINKING/ GLYCOLS, pharmacodynamics/ *HYPOTHALAMUS, physiology/ MALE/ OSMOLAR CONCENTRATION/ POLYETHYLENES, pharmacodynamics/ RATS/ SODIUM CHLORIDE, pharmacodynamics/ *THIRST/ VASOPRESSIN, pharmacodynamics/ *WATER/ *WATER-ELECTROLYTE BALANCE

3374. **Strickholm A, Wallin BG, Shrager P**: The pH dependency of relative ion permeabilities in the crayfish giant axon. Biophys J 9:873-83, Jul 69
ANIMAL EXPERIMENTS/ *AXONS, metabolism/ BICARBONATES, metabolism/ CALCIUM, metabolism/ *CELL MEMBRANE PERMEABILITY/ *CHLORIDES, metabolism/ CRUSTACEA/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MAGNESIUM, metabolism/ MEMBRANE POTENTIALS/ NEURAL CONDUCTION/ *POTASSIUM, metabolism/ *SODIUM, metabolism

3375. **Strobbia R, Manzion A**: Considerazioni su di un caso di ipertiroidismo ad impronta prevalentemente psicotica in soggetto anziano.
Acta Geront (Milano) 18:113-9, Apr-Jun 68 **(Ita)**
ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, complications/ MIDDLE AGE/ *PSYCHOSES, SENILE, complications

3376. **Stroe E, Oprescu M, Angelescu E, et al**: Dinamica aldosteronuriei în boala Cushing după suprarenalectomie.
Stud Cercet Endocr 19:503-10, 1968 **(Rum)**
ADOLESCENCE/ ADRENAL GLAND DISEASES, complications/ ADRENAL GLAND

NEOPLASMS, complications/ *ADRENALECTOMY/ ADULT/ *ALDOSTERONE, metabolism/ *CUSHING'S SYNDROME/ FEMALE/ HUMAN/ HYPERPLASIA/ MALE

3377. **Strubelt O, Siegers CP:** Zum Mechanismus der kalorigenen Wirkung von Theophyllin und Coffein.
Biochem Pharmacol 18:1207-20, May 69 **(Ger)**
ADRENAL MEDULLA, physiology/ ADRENALECTOMY/ ANESTHESIA/ ANIMAL EXPERIMENTS/ CAFFEINE, administration & dosage/ *CAFFEINE, pharmacodynamics/ CALORIMETRY/ ENGLISH ABSTRACT/ EPINEPHRINE, pharmacodynamics/ *OXYGEN CONSUMPTION, drug effects/ PROPRANOLOL, pharmacodynamics/ RATS/ RESERPINE, pharmacodynamics/ THEOPHYLLINE, administration & dosage/ *THEOPHYLLINE, pharmacodynamics/ WAKEFULNESS, drug effects

3378. **Stuckey JH, Levine MJ, Vassale M:** On the sympathetic control of ventricular automaticity. The effects of a reflex increase of sympathetic discharge.
Amer J Cardiol 23:822-9, Jun 69
ADRENAL MEDULLA, secretion/ AMYL NITRITE/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ CAROTID ARTERIES, physiology/ CATECHOLAMINES, secretion/ DOGS/ ELECTROCARDIOGRAPHY/ FEMALE/ GLYCERYL TRINITRATE/ HEART ATRIUM/ *HEART CONDUCTION SYSTEM, physiology/ HEART RATE/ HEART VENTRICLE, drug effects/ *HEART VENTRICLE, innervation/ HYPOTENSION, chemically induced/ HYPOTENSION, physiopathology/ MALE/ METHODS/ PRESSURE/ PULSE/ REFLEX/ SCIATIC NERVE, physiology/ STELLATE GANGLION, physiology/ *SYMPATHETIC NERVOUS SYSTEM, physiology/ VAGOTOMY/ VAGUS NERVE, physiology

3379. **Stumpf WE:** Nuclear concentration of 3H-estradiol in target tissues. Dry-mount autoradiography of vagina, oviduct, ovary, testis, mammary tumor, liver and adrenal. Endocrinology 85:31-7, Jul 69
ADRENAL GLANDS, cytology/ *ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ BENZANTHRACENES/ CASTRATION/ *CELL NUCLEUS, metabolism/ CONNECTIVE TISSUE CELLS, metabolism/ EPITHELIUM, metabolism/ *ESTRADIOL, metabolism/ FEMALE/ LIVER, cytology/ *LIVER, metabolism/ MAMMARY NEOPLASMS, EXPERIMENTAL, chemically induced/ *MAMMARY NEOPLASMS, EXPERIMENTAL, metabolism/ MUSCLE, SMOOTH, metabolism/ OVARY, cytology/ *OVARY, metabolism/ OVIDUCTS, cytology/ *OVIDUCTS, metabolism/ RADIOAUTOGRAPHY/ RATS/ TESTIS, cytology/ *TESTIS, metabolism/ TRITIUM/ VAGINA, cytology/ *VAGINA, metabolism

3380. **Stutz R, Blum AL, Haemmerli UP, et al:** A fortuitously controlled study of steroid therapy in acute viral hepatitis. II. Follow-up examination of 202 patients.
Amer J Med 47:93-100, Jul 69
ACUTE DISEASE/ ADULT/ AGED/ BIOPSY/ CHRONIC DISEASE/ CLINICAL RESEARCH/ FEMALE/ FOLLOW-UP STUDIES/ GLUCOCORTICOIDS, adverse effects/ *GLUCOCORTICOIDS, therapeutic use/ HEPATITIS, INFECTIOUS, complications/ HEPATITIS, INFECTIOUS, diagnosis/ *HEPATITIS, INFECTIOUS, drug therapy/ HUMAN/ LIVER DISEASES, complications/ LIVER DISEASES, etiology/ LIVER FUNCTION TESTS/ MALE/ MIDDLE AGE/ PREDNISONE, adverse effects/ PREDNISONE, therapeutic use

3381. **Suchenwirth R:** Myopathien.
Munchen Med Wschr 111:1175-83, 16 May 69 (170 ref.) **(Ger)**
ELECTROPHYSIOLOGY/ ENDOCRINE DISEASES, complications/ FEMALE/ HUMAN/ MALE/ METABOLIC DISEASES, complications/ *MUSCULAR DISEASES/ MUSCULAR DISEASES, chemically induced/ MUSCULAR DISEASES, complications/ MUSCULAR DISEASES, congenital/ MUSCULAR DYSTROPHY/ MYASTHENIA GRAVIS/ MYOSITIS/ MYOTONIA/ REVIEW

3382. **Suda T, DeLuca HF, Schnoes H, et al:** 25-hydroxyergocalciferol: a biologically active metabolite of vitamin D2.
Biochem Biophys Res Commun 35:182-5, 29 Apr 69
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, GAS/ *ERGOCALCIFEROL, biosynthesis/ ERGOCALCIFEROL, blood/ NUCLEAR MAGNETIC RESONANCE/ SPECTRUM ANALYSIS/ SWINE/ ULTRAVIOLET RAYS/ *VITAMIN D, metabolism

3383. **Sugimoto M, Endo H:** Effect of hydrocortisone on the keratinization of chick embryonic skin cultured in a chemically defined medium.
Nature (London) 222:1270-2, 28 Jun 69
ANIMAL EXPERIMENTS/ CHICK EMBRYO/ CULTURE MEDIA/ *HYDROCORTISONE, pharmacodynamics/ *KERATIN, physiology/ *SKIN, drug effects/ TIME/ TISSUE CULTURE

3384. **Sultan C, Varet B, Gouault M, et al:** Myélome et ostéocondensation (discussion anatomo-clinique)
Nouv Rev Franc Hemat 9:435-46, May-Jun 69 **(Fre)**
BENCE JONES PROTEIN/ BIOPSY/ BLOOD COAGULATION TESTS/ BONE AND BONES, pathology/ BONE AND BONES, radiography/ BONE MARROW EXAMINATION/ CYCLOPHOSPHAMIDE, therapeutic use/ ERYTHROPOIESIS/ FEMALE/ GAMMA GLOBULIN, analysis/ HUMAN/ HYPERCALCEMIA, etiology/ IMMUNOELECTROPHORESIS/ MIDDLE AGE/ *MULTIPLE MYELOMA, complications/ MULTIPLE MYELOMA, drug therapy/ *OSTEOPETROSIS, complications

3385. **Sunder-Plassmann P:** Immunologische Grundlagen der Organ-Transplantation.
Hippokrates 39:681-8, 30 Sep 68 **(Ger)**
ANTILYMPHOCYTE SERUM, therapeutic use/ HUMAN/ *IMMUNE SERUMS/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ NEOPLASMS, immunology/ THYROIDITIS, LYMPHOMATOUS, immunology/ THYROIDITIS, LYMPHOMATOUS, pathology/ *TRANSPLANTATION IMMUNOLOGY

3386. **Sundsten JW:** Alterations in water intake and core temperature in baboons during hypothalamic thermal stimulation. Ann NY Acad Sci 157:1018-29, 15 May 69
ANIMAL EXPERIMENTS/ *BODY TEMPERATURE/ COLD/ *DRINKING BEHAVIOR/ FEMALE/ HEAT/ *HYPOTHALAMUS, physiology/ MALE/ MONKEYS

3387. **Sunthankar SV, Telang DV:** Steroids. II. Synthesis of 19-norprogesterone via 19-nordiosgenin and synthesis of A-aromatic diosgenin.
Tetrahedron Lett 26:2113-6, Jun 69
ESTRONE, chem synthesis/ *PROGESTERONE, chem synthesis/ *SPIROSTANS, chem synthesis

3388. **Suryanarayana BV, Kent JR, Meister L, et al:** Pituitary--gonadal axis during prolonged total starvation in obese men.
Amer J Clin Nutr 22:767-70, Jun 69
ADULT/ AGED/ BODY WEIGHT/ *FSH, blood/ HUMAN/ *LH, blood/ MALE/ MIDDLE AGE/ *OBESITY/ *STARVATION/ *TESTOSTERONE, blood/ TIME FACTORS

3389. **Suschke J, Vogt D:** Thrombelastographische Untersuchungen bei Kindern unter besonderer Berücksichtigung der maximalen Thrombuselastizität. Blut 19:28-32, Apr 69 **(Ger)**
ADOLESCENCE/ BLOOD COAGULATION TESTS/ CHILD/ CHILD, PRESCHOOL/ CHOLESTEROL, blood/ CORTICOSTERONE, therapeutic use/ ENGLISH ABSTRACT/ FIBRINOGEN, blood/ *HEMORRHAGIC

DIATHESIS, diagnosis/ HUMAN/ HYPERCHOLESTEREMIA, diagnosis/ LYMPHOGRANULOMA VENEREUM, pathology/ NEPHROTIC SYNDROME, diagnosis/ NEPHROTIC SYNDROME, drug therapy/ PURPURA, THROMBOTIC THROMBOPENIC, diagnosis/ SILICONES/ *THROMBELASTOGRAPHY

3390. **Suska-Brzezińska E**: Enzymatyczna inaktywacja oksytocyny przez osocze kur i kogutów. Acta Physiol Pol 20:109-15, Jan-Feb 69 **(Pol)**
*AMINOPEPTIDASES, blood/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CHICKENS/ ENGLISH ABSTRACT/ FEMALE/ MALE/ METHODS/ MUSCLE CONTRACTION, drug effects/ *OXYTOCIN, antagonists & inhibitors/ RATS/ UTERUS

3391. **Sutin J, Eager R**: II. Anatomical substrates and electrophysiological properties of neural systems regulating food and water intake. Fiber degeneration following lesions in the hypothalamic ventromedial nucleus. Ann NY Acad Sci 157:610-28, 15 May 69
ANIMAL EXPERIMENTS/ AXONS/ CATS/ *DRINKING BEHAVIOR/ *FEEDING BEHAVIOR/ HYPOTHALAMUS, anatomy & histology/ *HYPOTHALAMUS, physiology/ METHODS/ *NERVE DEGENERATION/ NEURAL CONDUCTION

3392. **Sutter BC, Mialhe P**: Sécrétion d'insuline in vitro par le pancréas du rat normal, surrénalectomisé ou à surrénale énuclée. J Physiol (Paris) 59:Suppl:299-300, 1967 **(Fre)**
ADRENAL GLANDS, surgery/ *ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *INSULIN, secretion/ *PANCREAS/ RATS

3393. **Suzuki J**: A new type of adenosinetriphosphatase from dog kidney. J Biochem (Tokyo) 65:393-400, Mar 69
ADENINE NUCLEOTIDES/ *ADENOSINE TRIPHOSPHATASE, isolation & purification/ ANIMAL EXPERIMENTS/ ASCORBIC ACID/ CALCIUM/ CHEMISTRY/ DOGS/ HYDROGEN-ION CONCENTRATION/ *KIDNEY, enzymology/ KINETICS/ MAGNESIUM/ METALS/ MOLECULAR WEIGHT/ POTASSIUM/ RENIN/ SODIUM/ TEMPERATURE/ THIAMINE PYROPHOSPHATE

3394. **Suzuki S, Ogawa E**: Experimental studies on the carbonic anhydrase activity. XII. Effect of adrenocorticosteroids on carbonic anhydrase and Na+-K+-activated adenosine triphosphatase from kidney of adrenalectomized mice and rats. Biochem Pharmacol 18:993-1003, May 69
*ADENOSINE TRIPHOSPHATASE, metabolism/ *ADRENAL CORTEX HORMONES, pharmacodynamics/ ADRENAL GLANDS, physiology/ *ADRENALECTOMY/ ALDOSTERONE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *CARBONIC ANHYDRASE, metabolism/ CORTICOSTERONE, pharmacodynamics/ DESOXYCORTICOSTERONE, pharmacodynamics/ HYDROCORTISONE, pharmacodynamics/ KIDNEY, analysis/ KIDNEY, cytology/ *KIDNEY, enzymology/ MAGNESIUM/ MALE/ MICE/ POTASSIUM/ RATS/ SODIUM/ SPECIES SPECIFICITY

3395. **Svatý J**: Novinky v léčbě epilepsie. Cesk Pediat 24:511-21, Jun 69 (8 ref.) **(Cze)**
ADRENAL CORTEX HORMONES, therapeutic use/ AMINOBUTYRIC ACID, therapeutic use/ ANTICONVULSANTS, therapeutic use/ *EPILEPSY, drug therapy/ EPILEPSY, therapy/ HUMAN/ NEUROSURGERY/ REVIEW

3396. **Sveshnikov AA, Kir'iakov MA**: K metodike udaleniia nadpochechnikov u krolikov dlia poluchenila khronicheskoĭ nadpochechnikovoĭ nedostatochnosti. Pat Fiziol Eksp Ter 11:77-8, May-Jun 67 **(Rus)**
*ADRENAL GLAND HYPOFUNCTION/ *ADRENALECTOMY/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ METHODS/ MODELS, BIOLOGIC/ RABBITS

3397. **Swaneck GE, Highland E, Edelman IS**: Stereospecific nuclear and cytosol aldosterone-binding proteins of various tissues. Nephron 6:297-316, 1969
*ALDOSTERONE/ ANIMAL EXPERIMENTS/ *BINDING SITES/ BRAIN CHEMISTRY/ DUODENUM, analysis/ ESTRADIOL/ FLUORINE/ HYDROCARBONS, HALOGENATED/ *HYDROCORTISONE/ KIDNEY, analysis/ LIVER, analysis/ MALE/ PROTEIN BINDING/ *PROTEINS, isolation & purification/ RATS/ SPLEEN, analysis/ STEREOISOMERS/ TRITIUM

3398. **Swanson HH**: Interaction of experience with adrenal and sex hormones on the behaviour of hamsters in the open field test. Anim Behav 17:148-54, Feb 69
*ADRENAL CORTEX HORMONES, physiology/ ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ *EXPLORATORY BEHAVIOR/ FEMALE/ GONADS, physiology/ HAMSTERS/ HANDLING (PSYCHOLOGY)/ *LOCOMOTION/ MALE/ PUBERTY/ *SEX HORMONES, physiology

3399. **Swanson LV, Hafs HD**: Testicular and epididymidal sperm numbers in unilaterally vasoligated rabbits. Proc Soc Exp Biol Med 131:763-8, Jul 69
ANIMAL EXPERIMENTS/ BODY WEIGHT/ EJACULATION/ *EPIDIDYMIS, cytology/ ORGAN WEIGHT/ RABBITS/ SPERMATOZOA/ *STERILIZATION, SEXUAL/ *TESTIS, cytology/ URETHRA, physiology/ *VAS DEFERENS, surgery

3400. **Sweeney TM, Szarnicki RJ, Strauss JS, et al**: The effect of estrogen and androgen on the sebaceous gland turnover time. J Invest Derm 53:8-10, Jul 69
ADULT/ *ESTRADIOL, pharmacodynamics/ HUMAN/ MALE/ SEBACEOUS GLANDS, drug effects/ *SEBACEOUS GLANDS, metabolism/ SEBUM, secretion/ *TESTOSTERONE, pharmacodynamics/ THYMIDINE, metabolism/ TRITIUM

3401. **Swenberg JA, Koestner A, Tewari RP**: Experimental mycotic encephalitis. Acta Neuropath (Berlin) 13:75-90, 1969
ANIMAL EXPERIMENTS/ BRAIN EDEMA, pathology/ CEREBRAL CORTEX, pathology/ CORTISONE, pharmacodynamics/ *ENCEPHALITIS, etiology/ ENCEPHALITIS, pathology/ HISTOLOGICAL TECHNICS/ INJECTIONS, INTRAVENOUS/ MICE/ MODELS, BIOLOGIC/ MONILIALES, pathogenicity/ *MONILIASIS/ NEUROLOGIC MANIFESTATIONS

3402. **Swezey RL, Alexander SJ**: Notching of the carpal navicular. Ann Rheum Dis 28:45-8, Jan 69
ADOLESCENCE/ ADULT/ AGED/ *ARTHRITIS, RHEUMATOID, radiography/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ *HYPERPARATHYROIDISM, radiography/ INFANT/ INFANT, NEWBORN/ MALE/ MIDDLE AGE/ PRESSURE/ *TUBERCULOSIS, OSTEOARTICULAR, radiography/ WRIST, physiology/ WRIST, physiopathology/ *WRIST, radiography

3403. **Syc S, Trybulski T**: Zespół pozawałowy Dresslera. Wiad Lek 22:885-7, 15 May 69 **(Pol)**
ADULT/ AGED/ ENGLISH ABSTRACT/ FEVER, etiology/ HUMAN/ *LEUKOCYTOSIS, etiology/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, complications/ *PLEURAL EFFUSION, etiology/ PREDNISONE, therapeutic use

3404. **Szabó L, Szabó I, Kádár A**: Felsölégúti stenosist okozó thyreoiditis. Orv Hetil 110:1388-90, 15 Jun 69 **(Hun)**
*DYSPNEA, etiology/ FEMALE/ HUMAN/ HYPOTHYROIDISM, complications/ MIDDLE AGE/ *RESPIRATORY TRACT DISEASES, etiology/ THYROID GLAND, pathology/ *THYROIDITIS, complications/ THYROIDITIS, etiology/ TRACHEOTOMY

3405. **Szaboky GT, Muller J, Melnick J, et al**: Anomalous fusion between the lunate and triquetrum.

J Bone Joint Surg [Amer] 51:1001-4, Jul 69
ADOLESCENCE/ *BONE AND BONES, abnormalities/ BONE AND BONES, radiography/ CHILD/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *WRIST, abnormalities/ WRIST, radiography

3406. **Szadkowski D, Weimershaus E, Lindner K, et al:** Einfluss von Aldosteron auf den Interflux und Efflux arbeitsmedizinisch relevanter Mineralien und Spurenelemente des menschlichen Organismus.
Int Z Angew Physiol 27:99-109, 1969 (Ger)
ADOLESCENCE/ ADULT/ *ALDOSTERONE, pharmacodynamics/ CALCIUM, blood/ *CALCIUM, metabolism/ CALCIUM, urine/ ENGLISH ABSTRACT/ HUMAN/ INDUSTRIAL MEDICINE/ LEAD, blood/ *LEAD, metabolism/ LEAD, urine/ MAGNESIUM, blood/ *MAGNESIUM, metabolism/ MAGNESIUM, urine/ MALE/ SPECTROPHOTOMETRY/ *SPIRONOLACTONE, pharmacodynamics/ *TRACE ELEMENTS, metabolism/ ZINC, blood/ *ZINC, metabolism/ ZINC, urine

3407. **Szafran L:** Zmiany dna ocznego u dziecka z guzem chromochłonnym przed i po operacji.
Klin Oczna 39:95-8, 1969 (Pol)
CHILD/ EYE MANIFESTATIONS/ FEMALE/ *FUNDUS OCULI, pathology/ *GLAUCOMA, etiology/ HUMAN/ MALE/ *PELVIC NEOPLASMS, complications/ *PHEOCHROMOCYTOMA, complications/ RETINAL VESSELS

3408. **Szalay KS:** Inhibiting effect of angiotensin on potassium accumulation of adrenal cortex.
Biochem Pharmacol 18:962-4, Apr 69
ADRENAL GLANDS, analysis/ *ADRENAL GLANDS, metabolism/ ALDOSTERONE, secretion/ *ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ IN VITRO/ LIVER, analysis/ OUABAIN, pharmacodynamics/ POTASSIUM, analysis/ *POTASSIUM, metabolism/ SWINE

3409. **Szállási J, Bárdosi Z, Boross I:** Sebészeti betegeink megoszlása az ABO vércsoport-rendszerben.
Orv Hetil 110:1382-3, 15 Jun 69 (Hun)
*ABO FACTORS/ ARTERIOSCLEROSIS, blood/ BREAST NEOPLASMS, blood/ HUMAN/ HYPERTHYROIDISM, blood/ STOMACH NEOPLASMS, blood/ *SURGERY, OPERATIVE

3410. **Szczygiel B:** Czynniki patogenetyczne puchliny brzusznej.
Pol Przegl Chir 41:172-9, Feb 69 (33 ref.) (Pol)
ABDOMEN/ *ASCITES, etiology/ BLOOD PROTEIN DISORDERS, complications/ ENDOCRINE DISEASES, complications/ HUMAN/ HYPERTENSION, complications/ LIVER DISEASES, complications/ REVIEW/ WATER-ELECTROLYTE BALANCE

3411. **Szeberényi S, Garattini S:** Effect of Metopirone on the rate of cortisol disappearance from plasma.
Biochem Pharmacol 18:927-8, Apr 69
ANIMAL EXPERIMENTS/ HYDROCORTISONE, blood/ HYDROXYLASES, antagonists & inhibitors/ LIVER, enzymology/ MALE/ METYRAPONE, administration & dosage/ *METYRAPONE, pharmacodynamics/ RATS

3412. **Szeberenyi S, Tacconi MT, Garattini S:** Increased metabolism of metyrapone in rats pretreated with diphenylhydantoin or phenobarbital.
Endocrinology 85:575-6, Sep 69
ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ BIOTRANSFORMATION/ CHROMATOGRAPHY, THIN LAYER/ *DIPHENYLHYDANTOIN, pharmacodynamics/ ENZYME INDUCTION/ EPILEPSY, drug therapy/ LIVER, cytology/ LIVER, drug effects/ LIVER, enzymology/ METYRAPONE, blood/ METYRAPONE, diagnostic use/ *METYRAPONE, metabolism/ MICROSOMES, enzymology/ *PHENOBARBITAL, pharmacodynamics/ PITUITARY GLAND FUNCTION TESTS/ RATS/ STIMULATION, CHEMICAL

3413. **Szeguhn C, Schleifnik S:** Untersuchungen zum Fluoreszenzleerwert bei der Dünnschichtchromatographie.
Z Med Labortechn 9:357-60, 1968 (Ger)
*CHROMATOGRAPHY, THIN LAYER/ *CORTICOSTERONE, analysis/ *FLUOROMETRY/ *HYDROCORTISONE, analysis/ METHODS

3414. **Szekeres L, Papp JG:** Antiarrhythmic compounds.
Fortschr Arzneimitteiforsch 12:292-369, 1968 (407 ref.)
ACID-BASE EQUILIBRIUM/ ANESTHETICS, LOCAL, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTICONVULSANTS, pharmacodynamics/ ANTIDEPRESSIVE AGENTS, pharmacodynamics/ ANTIHISTAMINICS, pharmacodynamics/ ANTIMALARIALS, pharmacodynamics/ CATS/ CHEMISTRY/ DIGITALIS GLYCOSIDES, pharmacodynamics/ DOGS/ ELECTROLYTES, pharmacodynamics/ ELECTROPHYSIOLOGY/ GUINEA PIGS/ HEART, drug effects/ HUMAN/ HYPNOTICS AND SEDATIVES, pharmacodynamics/ MUSCLE RELAXANTS, pharmacodynamics/ *MYOCARDIAL DEPRESSANTS/ MYOCARDIAL DEPRESSANTS, classification/ PEPTIDES, pharmacodynamics/ QUINIDINE, pharmacodynamics/ RABBITS/ RATS/ REVIEW/ STEROIDS, pharmacodynamics/ SYMPATHOLYTICS, pharmacodynamics/ SYMPATHOMIMETICS, pharmacodynamics/ TRANQUILIZING AGENTS, pharmacodynamics/ VASODILATOR AGENTS, pharmacodynamics

3415. **Szepesi B, Freedland RA:** Reversibility of the thyroxine effect on rat liver glutamic-pyruvic transaminase and serine dehydrase by dietary supplementation of vitamin B6.
Life Sci 8:353-5, 15 Apr 69
*ALANINE AMINOTRANSFERASE, metabolism/ ANIMAL EXPERIMENTS/ ASPARTATE AMINOTRANSFERASE, analysis/ *DIET/ *HYDRO-LYASES, metabolism/ LIVER, enzymology/ PYRIDOXAL PHOSPHATE, pharmacodynamics/ *PYRIDOXINE, metabolism/ RATS/ SERINE, metabolism/ *THYROXINE, pharmacodynamics

3416. **Szijj I, Csapó Z, László FA, et al:** Medullary cancer of the thyroid gland associated with hypercorticism.
Cancer 24:167-73, Jul 69
*ADRENAL GLAND HYPERFUNCTION, etiology/ ADULT/ AMYLOID/ CARCINOMA, classification/ *CARCINOMA, complications/ CARCINOMA, pathology/ CASE REPORT/ *CORTICOTROPIN, secretion/ *HORMONES, ECTOPIC, secretion/ HUMAN/ MALE/ NEOPLASM METASTASIS/ THYROID GLAND, pathology/ THYROID NEOPLASMS, classification/ *THYROID NEOPLASMS, complications/ THYROID NEOPLASMS, pathology

3417. **Szilágyi T, Tóth S, Miltényi L, et al:** Oxygen poisoning and thyroid function.
Acta Physiol Acad Sci Hung 35:59-61, 1969
ANIMAL EXPERIMENTS/ FEMALE/ *HYPERBARIC OXYGENATION, adverse effects/ HYPERTHYROIDISM, physiopathology/ MALE/ RABBITS/ RATS/ *THYROID GLAND, physiology/ THYROIDECTOMY

3418. **Szmeja Z, Obrębowski A:** Kakosmie pogrypowe.
Otolaryng Pol 23:77-80, 1969 (Pol)
*ANOSMIA, etiology/ HUMAN/ *HYDROCORTISONE, TOPICAL, therapeutic use/ *INFLUENZA, complications/ ODORS/ OLFACTORY NERVE/ *SMELL

3419. **Szobor A:** On the treatment of myasthenia gravis.
Acta Med Acad Sci Hung 26:103-19, 1969
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ AMBENONIUM CHLORIDE, therapeutic use/ CHILD/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ MYASTHENIA GRAVIS, etiology/ MYASTHENIA GRAVIS, mortality/

*MYASTHENIA GRAVIS, therapy/ NEOSTIGMINE, therapeutic use/ PROGNOSIS/ PYRIDOSTIGMINE BROMIDE, therapeutic use/ RADIOTHERAPY/ THYMUS GLAND, abnormalities/ THYMUS GLAND, surgery/ THYMUS NEOPLASMS, complications

3420. **Szot Z**: Wpływ wyciągu z przytarczyc (PTE) na zawartość kwasu cytrynowego (kc) i aktywność dehydrogenazy izocytrynianowej (icd) kości i niektórych narządów szczura.
Acta Physiol Pol 20:1-11, Jan-Feb 69 **(Pol)**
ANIMAL EXPERIMENTS/ *BONE AND BONES, drug effects/ BONE AND BONES, enzymology/ *CITRATES, metabolism/ ENGLISH ABSTRACT/ FEMUR, enzymology/ INJECTIONS, SUBCUTANEOUS/ INTESTINES, enzymology/ *ISOCITRATE DEHYDROGENASE, metabolism/ KIDNEY, enzymology/ MYOCARDIUM, enzymology/ *PARATHYROID GLANDS/ RATS/ *TISSUE EXTRACTS, pharmacodynamics

T

3421. **Tailliens JP**: Cortisone in clinical otorhinolaryngology. Its action mechanisms; its indications; its contraindications. Bibl Otorhinolaryng 32-63, 1968
ADULT/ *ANTIHISTAMINICS, therapeutic use/ *ANTI-INFLAMMATORY AGENTS, therapeutic use/ CHILD/ CONNECTIVE TISSUE, drug effects/ CORTISONE, pharmacodynamics/ *CORTISONE, therapeutic use/ *EAR DISEASES, drug therapy/ *FACIAL PARALYSIS, drug therapy/ *HAY FEVER, drug therapy/ HUMAN/ *LARYNGEAL DISEASES, drug therapy/ LARYNGITIS, drug therapy/ MENIERE'S DISEASE, drug therapy/ *NASAL POLYPS, drug therapy/ *PHARYNGEAL DISEASES, drug therapy/ *SINUSITIS, drug therapy

3422. **Taitslin IS, Chubar' NM**: O nekotorykh narusheniiakh obmena pri épilepsii u detei.
Zh Nevropat Psikhiat Korsakov 69:566-8, 1969 **(Rus)**
ADOLESCENCE/ *BLOOD PROTEIN DISORDERS/ *CALCIUM, blood/ CHILD/ CHILD, PRESCHOOL/ *EPILEPSY, metabolism/ FEMALE/ HUMAN/ *17-KETOSTEROIDS, urine/ MALE/ *POTASSIUM, blood/ SERUM ALBUMIN, analysis

3423. **Takagi Y, Nishimura T**: Physicochemical studies of human chorionic gonadotropin.
Acta Obstet Gynaec Jap 16:64-5, Jan 69
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CHORIOCARCINOMA, urine/ FEMALE/ GEL FILTRATION/ GONADOTROPINS, CHORIONIC, analysis/ *GONADOTROPINS, CHORIONIC, urine/ HUMAN/ HYDATIDIFORM MOLE, urine/ MOLECULAR WEIGHT/ PREGNANCY/ RATS

3424. **Takahashi K**: An electron microscopic study of chronic thyroiditis. Acta Path Jap 18:515-22, Nov 68
CHRONIC DISEASE/ HUMAN/ MICROSCOPY, ELECTRON/ *THYROIDITIS, pathology

3425. **Takahashi T**: DC defibrillation of atrial fibrillation and its hemodynamical effects, studied by radioisotope dilution method. Jap Circ J 33:251-73, Mar 69
ADOLESCENCE/ ADULT/ ALANINE AMINOTRANSFERASE, blood/ AORTIC VALVE INSUFFICIENCY, complications/ AORTIC VALVE STENOSIS, complications/ ASPARTATE AMINOTRANSFERASE, blood/ AURICULAR FIBRILLATION, physiopathology/ *AURICULAR FIBRILLATION, therapy/ BLOOD PRESSURE/ BLOOD VOLUME/ CARDIAC OUTPUT/ *ELECTRIC COUNTERSHOCK/ ELECTROCARDIOGRAPHY/ FEMALE/ HEART VALVE DISEASES, surgery/ *HEMODYNAMICS/ HUMAN/ HYPERTHYROIDISM, complications/ LACTATE DEHYDROGENASE, blood/ MALE/ MIDDLE AGE/ MITRAL VALVE INSUFFICIENCY, complications/ MITRAL VALVE STENOSIS, complications/ PERFUSION/ PERICARDITIS, CONSTRICTIVE, complications/ PERICARDITIS, CONSTRICTIVE, surgery/ PULMONARY CIRCULATION/ PULSE/ RADIOISOTOPE DILUTION TECHNIC/ SERUM ALBUMIN

3426. **Takeda T, DeBusk J, Grollman A**: Physiologic role of reninlike constituent of submaxillary gland of the mouse. Amer J Physiol 216:1194-8, May 69
ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ DESOXYCORTICOSTERONE, pharmacodynamics/ FEMALE/ HYSTERECTOMY/ ISOPROTERENOL, pharmacodynamics/ MALE/ METHODS/ MICE/ ORGAN WEIGHT/ POTASSIUM, urine/ RATS/ *RENIN, blood/ SODIUM, pharmacodynamics/ SODIUM, urine/ SUBMANDIBULAR GLAND, blood supply/ *SUBMANDIBULAR GLAND, physiology/ UTERUS, physiology

3427. **Takeo K**: [Study on the growth hormone secretion in diabetic retinopathy. I. Growth hormone in relation to diabetic and non-diabetic retinopathy]
Acta Soc Ophthal Jap 73:153-71, Feb 69 **(Jap)**
ADOLESCENCE/ ADULT/ AGED/ ARGININE, pharmacodynamics/ CHILD/ *DIABETIC RETINOPATHY, metabolism/ FEMALE/ GLUCOSE, pharmacodynamics/ HUMAN/ MALE/ MIDDLE AGE/ SOMATOTROPIN, blood/ *SOMATOTROPIN, secretion/ TIME FACTORS

3428. **Takeuchi K, Tada**: [Method for the diagnosis of dwarfism in infants using plasma growth hormone measurement]
Clin Endocr (Tokyo) 17:148-51, Mar 69 **(Jap)**
BLOOD SUGAR, analysis/ DIAGNOSIS, DIFFERENTIAL/ *DWARFISM, diagnosis/ DWARFISM, PITUITARY, diagnosis/ FEMALE/ HUMAN/ INFANT/ INSULIN, diagnostic use/ MALE/ METHODS/ *SOMATOTROPIN, blood

3429. **Takeuchi S, Eguchi M, Komiyama J, et al**: [The endocrinology of puberty and adolescence. Adrenal glands] Clin Endocr (Tokyo) 17:95-100, Feb 69 **(Jap)**
ADOLESCENCE/ ADRENAL GLANDS, cytology/ *ADRENAL GLANDS, physiology/ ANIMAL EXPERIMENTS/ CHILD/ *CORTICOTROPIN, pharmacodynamics/ HUMAN/ HYDROCORTISONE, urine/ *17-KETOSTEROIDS, urine/ MICE/ MICROSCOPY, ELECTRON/ *PUBERTY

3430. **Taleb N, Tohmé S, Ghostine S, et al**: Association d'une ataxie-télangiectasie avec une leucémie aiguë lymphoblastique. Presse Med 77:345-7, 22 Feb 69 **(Fre)**
AGAMMAGLOBULINEMIA/ ANEMIA, HYPOCHROMIC, complications/ ANTINUCLEAR FACTORS, analysis/ *ATAXIA TELANGIECTASIA, complications/ ATHETOSIS, complications/ AUTOANTIBODIES/ CEREBELLUM, physiopathology/ CHILD/ CHOREA, complications/ CORTISONE, therapeutic use/ ENGLISH ABSTRACT/ EXTRAPYRAMIDAL TRACTS, physiopathology/ EYE DISEASES, complications/ EYE MOVEMENTS/ FEMALE/ GAMMA GLOBULIN, 7S/ HUMAN/ HYPERSENSITIVITY, DELAYED, complications/ IMMUNOELECTROPHORESIS/ IN VITRO/ *LEUKEMIA, LYMPHOBLASTIC, complications/ LYMPHOCYTES/ LYMPHOID TISSUE, physiopathology/ LYMPHOSARCOMA, complications/ MALE/ MOVEMENT DISORDERS, complications/ SKIN DISEASES, complications/ SPEECH DISORDERS, complications/ TELANGIECTASIS, complications/ VINCRISTINE, therapeutic use

3431. **Tamimoto K**: Kombination von eiweissanabolem Steroid und Enzympräparat in Mastopathie.
Yonago Acta Med 13:53-6, Feb 69 **(Ger)**
*BREAST NEOPLASMS, drug therapy/ FEMALE/ HUMAN/ *STREPTODORNASE AND STREPTOKINASE, administration & dosage/ *TESTOSTERONE, administration & dosage

3432. **Tamm J, Künkel HP**: Vergleichende Untersuchungen über die Wirkung eines beta 1-23-Corticotropin-23-amids und eines Extrakt-ACTH

am Menschen.
Arzneimittelforschung 19:27-30, Jan 69 (Ger)
ADULT/ ASCORBIC ACID, analysis/ BIOLOGICAL ASSAY/ COMPARATIVE STUDY/ CORTICOTROPIN, administration & dosage/ *CORTICOTROPIN, pharmacodynamics/ *DELAYED-ACTION PREPARATIONS, pharmacodynamics/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, blood/ 17-HYDROXYCORTICOSTEROIDS, urine/ MALE/ STIMULATION, CHEMICAL

3433. **Tamplin AR, Fisher HL, Chapman WH:** Prediction of the maximum dosage to man from the fallout of nuclear devices V. Estimation of the maximum dose from internal emitters in aquatic food supply. UCRL-50163 Part V.
US AEC Univ Calif Radiat Lab (Livermore) 1-16, 10 Sep 68
BONE AND BONES, radiation effects/ CENTRAL AMERICA/ DIET/ *FOOD CONTAMINATION, RADIOACTIVE/ HUMAN/ INFANT/ INFANT, NEWBORN/ MATHEMATICS/ *RADIATION INJURY/ *RADIOACTIVE FALLOUT/ *RADIOMETRY

3434. **Tamura S, Maeda T, Murata S:** [Technics for sex chromatin and chromosome analysis]
Jap J Clin Med 27:306-12, Feb 69 (Jap)
BONE MARROW CELLS/ *CHROMOSOMES/ FEMALE/ HISTOLOGICAL TECHNICS/ HUMAN/ KARYOTYPING/ MALE/ METHODS/ NEUTROPHILS/ *SEX CHROMATIN/ TISSUE CULTURE

3435. **Tamura S, Tsutsumi S, Ito H:** Studies on the promoting factors of galactose and lactose metabolism in the whey. II. The effect of the promoting factors on the galactose and lactose metabolism upon the activity of D-glucose-6-phosphate. NADP oxidoreductase and the electrolytes included in the eye-ball of the cataract rat. Jap J Pharmacol 19:163-7, Mar 69
ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ *CATARACT, metabolism/ DIETARY CARBOHYDRATES/ *ELECTROLYTES, metabolism/ ERYTHROCYTES, enzymology/ EYE, analysis/ EYE, enzymology/ *EYE, metabolism/ *GALACTOSE, metabolism/ *GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ *LACTOSE, metabolism/ *MILK/ ORGAN WEIGHT/ POTASSIUM, metabolism/ RATS/ SODIUM, metabolism/ WATER, analysis

3436. **Tanaka K, Omae T, Hattori N, et al:** Renin release from ischemic kidneys following angiotensin infusion in dogs. Jap Circ J 33:235-41, Mar 69
*ANGIOTENSIN, administration & dosage/ ANIMAL EXPERIMENTS/ AORTA, surgery/ BLOOD PRESSURE, drug effects/ CHRONIC DISEASE/ DENERVATION/ DOGS/ FEMALE/ HYPERTENSION, RENAL, enzymology/ HYPERTENSION, RENAL, etiology/ INJECTIONS, INTRAVENOUS/ ISCHEMIA/ *KIDNEY, blood supply/ KIDNEY, drug effects/ *KIDNEY, enzymology/ MALE/ RENAL ARTERY OBSTRUCTION, complications/ RENIN, blood/ *RENIN, metabolism/ STIMULATION, CHEMICAL

3437. **Tanase I, Bataturescu D:** Dynamique des acides nucléiques de la thyroïde, l'ovaire, le testicule, le pancréas, et la surrénale des animaux (rats) d'âges différents. G Geront 17:17-22, 2 Mar 68 (Fre)
*ADRENAL GLANDS, metabolism/ *AGING, physiology/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ FEMALE/ MALE/ *NUCLEIC ACIDS, metabolism/ *OVARY, metabolism/ *PANCREAS, metabolism/ RATS/ *TESTIS, metabolism/ *THYROID GLAND, metabolism

3438. **Tanche M, Therminarias A:** Thyroxine and catecholamines during cold exposure in dogs.
Fed Proc 28:1257-61, May-Jun 69
ANIMAL EXPERIMENTS/ *BODY TEMPERATURE REGULATION, drug effects/ *CATECHOLAMINES, pharmacodynamics/ *COLD/ DENERVATION/ DOGS/ ELECTROMYOGRAPHY/ ENVIRONMENTAL EXPOSURE/ EPINEPHRINE, pharmacodynamics/ MALE/ NOREPINEPHRINE, pharmacodynamics/ PROTEIN-BOUND IODINE TEST/ SHIVERING/ SPINAL CORD, surgery/ THYROIDECTOMY/ *THYROXINE, pharmacodynamics

3439. **Tangl J:** Stapolidex in der dermatologischen Praxis.
Med Welt 27:1633-4, 8 Jul 67 (Ger)
ANTIBIOTICS, administration & dosage/ ANTIBIOTICS, therapeutic use/ ANTI-INFECTIVE AGENTS, LOCAL, therapeutic use/ DEXAMETHASONE, administration & dosage/ *DEXAMETHASONE, therapeutic use/ ECZEMA, drug therapy/ *PYODERMA, drug therapy

3440. **Tarkkanen A, Klemetti A:** Topical corticosteroids in a family with monozygotic, glaucoma-suspect twins.
Amer J Ophthal 66:658-61, Oct 68
*ADRENAL CORTEX HORMONES, diagnostic use/ ADULT/ BETAMETHASONE, diagnostic use/ *DISEASES IN TWINS, diagnosis/ FEMALE/ *GLAUCOMA, diagnosis/ GLAUCOMA, familial & genetic/ HOMOZYGOTE/ HUMAN/ INTRAOCULAR PRESSURE, drug effects/ MALE/ MIDDLE AGE/ MYOPIA, familial & genetic/ PEDIGREE/ PHENOTYPE/ PHENYLTHIOUREA, diagnostic use

3441. **Tarutani O, Ui N:** Subunit structure of hog thyroglobulin: dissociation by treatment with sodium dodecyl sulfate.
Biochim Biophys Acta 181:116-35, May 69
ANIMAL EXPERIMENTS/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ *DETERGENTS/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ IODINE/ MOLECULAR WEIGHT/ OSMOLAR CONCENTRATION/ SULFATES/ SWINE/ *THYROGLOBULIN/ TIME FACTORS/ ULTRACENTRIFUGATION

3442. **Tarutani O, Ui N:** Subunit structure of hog thyroglobulin: dissociation of noniodinated and highly iodinated preparations.
Biochim Biophys Acta 181:136-45, May 69
ANIMAL EXPERIMENTS/ CASTRATION/ CELL-FREE SYSTEM/ CENTRIFUGATION, DENSITY GRADIENT/ CHEMISTRY/ *DETERGENTS/ HYDROGEN-ION CONCENTRATION/ *IODINE/ IODINE, metabolism/ MALE/ METHYLTHIOURACIL, pharmacodynamics/ MOLECULAR WEIGHT/ SULFATES/ SWINE/ *THYROGLOBULIN/ THYROGLOBULIN, metabolism/ THYROID GLAND, metabolism/ THYROXINE, pharmacodynamics/ ULTRACENTRIFUGATION

3443. **Tashjian AH Jr:** Animal cell cultures as a source of hormones. Biotechn Bioengin 11:109-26, Mar 69
ADENOMA/ ADRENAL GLAND NEOPLASMS, metabolism/ ANIMAL EXPERIMENTS/ CARCINOMA/ CELL LINE/ CORTICOTROPIN, biosynthesis/ GONADOTROPINS, CHORIONIC, biosynthesis/ *HORMONES, biosynthesis/ HUMAN/ LH, biosynthesis/ METHODS/ MICE/ PARATHYROID GLANDS, metabolism/ PARATHYROID HORMONE, biosynthesis/ PARATHYROID NEOPLASMS/ PITUITARY GLAND, metabolism/ PITUITARY NEOPLASMS, metabolism/ RATS/ SOMATOTROPIN, biosynthesis/ STEROIDS, biosynthesis/ THYROID NEOPLASMS, metabolism/ THYROTROPIN, biosynthesis/ *TISSUE CULTURE

3444. **Taub SJ:** Dexamethasone nasal aerosol vs. placebo in the treatment of nasal polyposis.
Eye Ear Nose Throat Monthly 47:392-5, Aug 68
ADULT/ AEROSOLS/ CLINICAL RESEARCH/ *DEXAMETHASONE, administration & dosage/ FEMALE/ *HAY FEVER, drug therapy/ HUMAN/ MALE/ MIDDLE AGE/ *NASAL POLYPS, drug therapy/ PLACEBOS

3445. **Tauxe WN:** Uber die Auswertung von Radioisotop-Szintigrammdaten durch Computer.

Meth Inform Med 7:96-104, Apr 68 (Ger)
BRAIN NEOPLASMS, diagnosis/ *COMPUTERS, DIGITAL/ ENGLISH ABSTRACT/ HUMAN/ *INFORMATION RETRIEVAL SYSTEMS/ KIDNEY DISEASES, diagnosis/ LIVER DISEASES, diagnosis/ *RADIOISOTOPE SCANNING/ SERUM ALBUMIN, RADIO-IODINATED, diagnostic use/ THYROID DISEASES, diagnosis

3446. **Tauxe WN:** Estimation of thyroid uptake of 131-I from digitized scintiscan matrices.
J Nucl Med 10:258-60, Jun 69
*COMPUTERS, DIGITAL/ HUMAN/ *IODINE ISOTOPES, DIAGNOSTIC, metabolism/ METHODS/ *RADIOISOTOPE SCANNING/ THYROID DISEASES, diagnosis/ *THYROID GLAND, metabolism

3447. **Taylor CP:** Isometric muscle contraction and the active state: an analog computer study.
Biophys J 9:759-80, Jun 69
CALCIUM, physiology/ CELL MEMBRANE PERMEABILITY/ COMPUTERS, ANALOG/ FROGS/ KINETICS/ MODELS, BIOLOGIC/ *MUSCLE CONTRACTION/ TETANY

3448. **Taylor J:** The effects of population density upon correlates of emotionality and learning efficiency.
J Gen Psychol 80:205-18, Apr 69
ACETYLCHOLINESTERASE, analysis/ ADRENAL GLANDS, anatomy & histology/ ANIMAL EXPERIMENTS/ BRAIN CHEMISTRY/ DEFECATION/ *EMOTIONS/ ORGAN WEIGHT/ *POPULATION DENSITY/ *PROBLEM SOLVING/ PSYCHOLOGICAL THEORY/ RATS/ SOCIAL ISOLATION

3449. **Taylor L, Parsons-Smith G:** Infectious mononucleosis, deafness and facial paralysis. J Laryng 83:613-6, Jun 69
ADULT/ AUDIOMETRY/ *DEAFNESS, etiology/ FACIAL PARALYSIS, drug therapy/ *FACIAL PARALYSIS, etiology/ FEMALE/ HUMAN/ *INFECTIOUS MONONUCLEOSIS, complications/ PREDNISOLONE, therapeutic use

3450. **Tefft M, Mitus A, Schulz MD:** Initial high dose irradiation for metastases causing spinal cord compression in children.
Amer J Roentgen 106:385-93, Jun 69
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ DEXAMETHASONE, administration & dosage/ FEMALE/ HUMAN/ INFANT/ MALE/ MYELOGRAPHY/ *NEOPLASM METASTASIS, radiotherapy/ NEPHROBLASTOMA, radiotherapy/ PINEALOMA, radiography/ PROTEINS, cerebrospinal fluid/ *RADIOTHERAPY DOSAGE/ SARCOMA, EWING'S, radiotherapy/ *SPINAL CORD COMPRESSION, etiology

3451. **Tefft M, Mitus A, Schulz MD:** Initial high dose irradiation for metastases causing spinal cord compression in children.
Amer J Roentgen 106:285-93, Jun 69
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ DEXAMETHASONE, administration & dosage/ FEMALE/ HUMAN/ INFANT/ MALE/ MYELOGRAPHY/ *NEOPLASM METASTASIS, radiotherapy/ NEPHROBLASTOMA, radiotherapy/ NEUROBLASTOMA, radiotherapy/ PINEALOMA, radiotherapy/ PROTEINS, cerebrospinal fluid/ *RADIOTHERAPY DOSAGE/ SARCOMA, EWING'S, radiotherapy/ *SPINAL CORD COMPRESSION, etiology

3452. **Teitelbaum P, Cheng MF, Rozin P:** Development of feeding parallels its recovery after hypothalamic damage. J Comp Physiol Psychol 67:430-41, Apr 69
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ ANOREXIA NERVOSA/ APHASIA/ BRAIN DAMAGE, CHRONIC/ DEHYDRATION/ *DRINKING BEHAVIOR/ *FEEDING BEHAVIOR/ FOOD/ HUMAN/ *HYPOTHALAMUS, physiology/ MILK/ *NERVOUS SYSTEM, growth & development/ RATS/ SPREADING CORTICAL DEPRESSION/ THYROID GLAND, physiology/ THYROIDECTOMY/ WATER

3453. **Teitelbaum P, Cheng MF, Rozin P:** Stages of recovery and development of lateral hypothalamic control of food and water intake.
Ann NY Acad Sci 157:849-60, 15 May 69
ANIMAL EXPERIMENTS/ *DRINKING BEHAVIOR/ *FEEDING BEHAVIOR/ *HYPOTHALAMUS, physiology/ INSULIN, pharmacodynamics/ RATS/ SPREADING CORTICAL DEPRESSION/ THYROID GLAND, physiology/ THYROIDECTOMY

3454. **TenBroeck JT, Brinster RL:** Effects of a nonsteroidal antifertility agent (U-11100A) on pregnancy in mice.
J Reprod Fertil 18:201-7, Mar 69
ANIMAL EXPERIMENTS/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ *EMBRYO, drug effects/ FEMALE/ IN VITRO/ MICE/ *NIDATION, drug effects/ *OVIDUCTS, drug effects/ OVUM, drug effects/ PREGNANCY/ UTERUS, drug effects

3455. **Teppo L:** Malignant testicular tumours in Finland.
Acta Path Microbiol Scand 75:18-26, 1969
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ CHILD, PRESCHOOL/ DISGERMINOMA, occurrence/ FINLAND/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ MIDDLE AGE/ PROGNOSIS/ TERATOID TUMOR, occurrence/ *TESTICULAR NEOPLASMS, occurrence/ TESTICULAR NEOPLASMS, pathology

3456. **Ter-Markarian NG:** K mekhanizmu snizheniia fagotsitarnoĭ aktivnosti leĭkotsitov krovi posle udaleniia nadpochechnikov.
Pat Fiziol Eksp Ter 11:55-7, May-Jun 67 (Rus)
ADRENAL CORTEX HORMONES, adverse effects/ *ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *LEUKOCYTES, physiology/ *PHAGOCYTOSIS/ RATS

3457. **Terasawa E, Sawyer CH:** Changes in electrical activity in the rat hypothalamus related to electrochemical stimulation of adenohypophyseal function.
Endocrinology 85:143-9, Jul 69
ACTION POTENTIALS/ ANIMAL EXPERIMENTS/ ELECTRIC STIMULATION/ ELECTROPHYSIOLOGY/ FEMALE/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ *HYPOTHALAMUS, physiology/ IRON, metabolism/ LH, secretion/ MEMBRANE POTENTIALS/ *OVULATION/ *PITUITARY GLAND, physiology/ PITUITARY HORMONE RELEASING FACTORS, secretion/ RATS

3458. **Terasawa E, Timiras PS:** Cyclic changes in electrical activity of the rat midbrain reticular formation during the estrous cycle. Brain Res 14:189-98, Jun 69
ANIMAL EXPERIMENTS/ AROUSAL/ CASTRATION/ CEREBRAL CORTEX, physiology/ COMPUTERS, ANALOG/ COMPUTERS, DIGITAL/ ELECTRIC STIMULATION/ ELECTROENCEPHALOGRAPHY/ ESTRADIOL, pharmacodynamics/ *ESTRUS/ EVOKED POTENTIALS/ EVOKED POTENTIALS, drug effects/ FEMALE/ FRONTAL LOBE, physiology/ HYPOTHALAMUS, physiology/ *MESENCEPHALON, physiology/ OVARY, physiology/ RATS/ *RETICULAR FORMATION, physiology/ THALAMUS, physiology

3459. **Terenius L:** The effect of steroidal hormones on the binding of 17beta-estradiol by the mouse uterus and vagina. Steroids 13:311-25, Mar 69
ANIMAL EXPERIMENTS/ BINDING SITES/ DIAPHRAGM, metabolism/ *ESTRADIOL, metabolism/ ESTRIOL, metabolism/ ESTRIOL, pharmacodynamics/ ESTRONE, metabolism/ ESTRONE, pharmacodynamics/ FEMALE/ HYDROCORTISONE, pharmacodynamics/ MICE/ ORGAN WEIGHT/ PROGESTERONE, pharmacodynamics/ TESTOSTERONE, pharmacodynamics/ TRITIUM/ *UTERUS, metabolism/ *VAGINA, metabolism

3460. **Terenius L:** Oestrogen binding in the mouse uterus: 17 beta-oestradiol and meso-hexoestrol compete for the binding sites.
Acta Pharmacol (Kobenhavn) 27:120-8, 1969
AGE FACTORS/ ANIMAL EXPERIMENTS/ *BINDING SITES/ CHROMATOGRAPHY/ DIAPHRAGM, metabolism/ *ESTRADIOL, metabolism/ FEMALE/ *HEXESTROL, metabolism/ IN VITRO/ METHODS/ MICE/ *MUSCLE, SMOOTH, metabolism/ TIME FACTORS/ TRITIUM/ UTERUS, metabolism

3461. **Terjung W:** Zur Behandlung der Otitis media.
Hippokrates 38:699-701, 15 Sep 67 (Ger)
*DEXAMETHASONE, administration & dosage/ HUMAN/ *OTITIS MEDIA, drug therapy

3462. **Teter J, Potocki J, Kloś J:** Kombinowana terapia hormonalna zespołu klimakterycznego przy użyciu trójsterydowego preparatu "Trophobolene".
Ginek Pol 40:279-84, Mar 69 (Pol)
CLIMACTERIC/ ESTRADIOL, therapeutic use/ *ESTROGENIC SUBSTANCES, CONJUGATED, therapeutic use/ ESTROGENS, biosynthesis/ FEMALE/ HUMAN/ *MENOPAUSE, drug effects/ *MENSTRUATION DISORDERS, drug therapy/ MIDDLE AGE/ PROGESTERONE, therapeutic use/ TESTOSTERONE, therapeutic use

3463. **Texter JH, Coffey DS:** The effects of amphotericin B on prostatic and testicular function in the dog.
Invest Urol 7:90-106, Jul 69
AMPHOTERICIN B, administration & dosage/ *AMPHOTERICIN B, pharmacodynamics/ ANIMAL EXPERIMENTS/ BIOPSY/ BODY FLUIDS, secretion/ CHOLESTEROL, blood/ DOGS/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ MALE/ PROSTATE, anatomy & histology/ PROSTATE, cytology/ *PROSTATE, drug effects/ PROSTATE, physiology/ SPERMATOZOA/ TESTIS, cytology/ *TESTIS, drug effects/ TESTIS, physiology/ TESTOSTERONE, blood/ TESTOSTERONE, pharmacodynamics

3464. **Than N, Kóbor J, Tóth E:** Pyridoxin in der Behandlung von Schwangerschaftsfrühtoxämien. II. Theoretischer Beitrag zum Wirkungsmechsnismus von Vitamin B6.
Z Geburtsh Gynaek 170:151-62, Apr 69 (Ger)
ADULT/ ENGLISH ABSTRACT/ FEMALE/ GASTRIC JUICE, secretion/ GESTATIONAL AGE/ HUMAN/ *HYPEREMESIS GRAVIDARUM, drug therapy/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, drug effects/ PREGNANCY/ PYRIDOXINE, pharmacodynamics/ *PYRIDOXINE, therapeutic use

3465. **Theisinger W:** Colitis ulcerosa. Zur Atiologie, Klinik und Therapie aus chirurgischer Sicht.
Munchen Med Wschr 111:1252-8, 30 May 69 (Ger)
*COLITIS, ULCERATIVE/ COLITIS, ULCERATIVE, complications/ COLITIS, ULCERATIVE, diagnosis/ COLITIS, ULCERATIVE, drug therapy/ COLITIS, ULCERATIVE, etiology/ COLITIS, ULCERATIVE, mortality/ COLITIS, ULCERATIVE, surgery/ COLONIC NEOPLASMS, diagnosis/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ PROGNOSIS

3466. **Themann H, Bernardis LL, Skelton FR:** Elektronenmikroskopische Untersuchungen der Adenohypophyse nach Elektrokoagulation im ventromedialen Hypothalamus der Ratte.
Beitr Path Anat 139:37-58, 1969 (Ger)
ADRENAL GLANDS, anatomy & histology/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ BRAIN INJURY, ACUTE, etiology/ *BRAIN INJURY, ACUTE, pathology/ ELECTROCOAGULATION/ ENGLISH ABSTRACT/ FEMALE/ GOLGI APPARATUS/ *HYPOTHALAMUS, injuries/ MICROSCOPY, ELECTRON/ ORGAN WEIGHT/ OVARY, anatomy & histology/ *PITUITARY GLAND, pathology/ RATS/ THYROID GLAND, anatomy & histology

3467. **Thiede HA:** Cytogenetics and abortion.
Med Clin N Amer 53:773-94, Jul 69 (108 ref.)
ABORTION, etiology/ *ABORTION, familial & genetic/ ABORTION, HABITUAL, familial & genetic/ ADULT/ *CHROMOSOME ABNORMALITIES/ CHROMOSOME ABNORMALITIES, etiology/ *CYTOGENETICS/ FEMALE/ HUMAN/ INFANT, NEWBORN/ MALE/ PREGNANCY/ PREGNANCY COMPLICATIONS, INFECTIOUS, familial & genetic/ REVIEW/ SEX FACTORS/ TROPHOBLASTIC TUMOR, familial & genetic

3468. **Thomas FJ, Steinbeck AW:** Semiquantitative estimation of urinary pregnanetriol, pregnanetriolone and tetrahydro S in the investigation of adrenocortical function.
Acta Endocr (Kobenhavn) 60:645-56, Apr 69
ADRENAL GLAND NEOPLASMS, complications/ ADRENOGENITAL SYNDROME, complications/ ADSORPTION/ ADULT/ CHEMISTRY, CLINICAL/ CHILD/ CHILD, PRESCHOOL/ *CUSHING'S SYNDROME, diagnosis/ ETHISTERONE/ FEMALE/ GLUCURONIDASE/ HERMAPHRODITISM, urine/ *HIRSUTISM, diagnosis/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ INFANT/ 17-KETOSTEROIDS, urine/ MAGNESIUM/ METHODS/ *PITUITARY-ADRENAL FUNCTION TESTS/ *PREGNANETRIOL, urine/ PUBERTY, PRECOCIOUS, urine/ SILICA/ *STEIN-LEVENTHAL SYNDROME, diagnosis/ TETRAZOLIUM SALTS

3469. **Thomas FJ, Steinbeck AW:** Quantitative estimation of urinary pregnanetriol, pregnanetriolone, tetrahydro S and delta-5-pregnenetriol in the investigation of adrenocortical function.
Acta Endocr (Kobenhavn) 60:657-68, Apr 69
*ADRENOGENITAL SYNDROME, urine/ CHEMISTRY, CLINICAL/ CHILD/ CHILD, PRESCHOOL/ CHROMATOGRAPHY, PAPER/ CLITORIS, abnormalities/ CUSHING'S SYNDROME, urine/ FEMALE/ HIRSUTISM, urine/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ HYDROXYLASES/ INFANT/ INFANT, NEWBORN/ 17-KETOSTEROIDS, urine/ MALE/ METABOLISM, INBORN ERRORS/ METHODS/ *PITUITARY-ADRENAL FUNCTION TESTS/ *PREGNANETRIOL, urine/ SEX CHROMOSOME ABNORMALITIES, urine/ UROGENITAL SYSTEM, abnormalities

3470. **Thomas G, Striegan R:** Maligne Tumoren als Ursache von Ischiassyndromen.
Hippokrates 39:855-8, 30 Nov 68 (Ger)
ADULT/ AGED/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *NEOPLASMS, complications/ OSTEOPOROSIS, etiology/ *PLASMACYTOMA, complications/ *SCIATICA, etiology/ SCIATICA, radiography/ SPINAL DISEASES, radiography

3471. **Thomas JA, Hager LP:** Molecular iodine as an obligate intermediate in the iodination of tyrosine by chloroperoxidase.
Biochem Biophys Res Commun 35:444-50, 22 May 69
CHEMISTRY/ FLUOROMETRY/ HYDROGEN-ION CONCENTRATION/ HYDROGEN PEROXIDE/ IODIDES/ *IODINE/ MONILIALES, enzymology/ *PEROXIDASES/ PEROXIDASES, antagonists & inhibitors/ SPECTROPHOTOMETRY/ *TYROSINE

3472. **Thomas WC Jr, Black AP, Freund G, et al:** Iodine disinfection of water.
Arch Environ Health (Chicago) 19:124-8, Jul 69
COXSACKIE VIRUSES, drug effects/ ENTAMOEBA HISTOLYTICA, drug effects/ HUMAN/ *IODINE/ IODINE, blood/ IODINE ISOTOPES/ PROTEIN-BOUND IODINE TEST/ *STERILIZATION/ SWIMMING/ THYROID GLAND FUNCTION TESTS/ THYROXINE, blood/ TIME FACTORS/ *WATER MICROBIOLOGY/ *WATER SUPPLY

3473. **Thompson RP, Williams R:** Developments in jaundice.
Postgrad Med J 45:196-201, Mar 69

ADOLESCENCE/ *CONTRACEPTIVES, ORAL, adverse effects/ *ENZYME INDUCTION/ FEMALE/ HUMAN/ *JAUNDICE, drug therapy/ LIVER, enzymology/ *LIVER DISEASES, chemically induced/ MALE/ PHENOBARBITAL, therapeutic use

3474. **Thomson D, Gardner DL:** Thrombotic microangiopathy in rheumatoid arthritis. Scot Med J 14:190-3, Jun 69
AGED/ ANEMIA, HEMOLYTIC/ ANEMIA, HEMOLYTIC, chemically induced/ *ARTHRITIS, RHEUMATOID, complications/ ARTHRITIS, RHEUMATOID, drug therapy/ *CEREBROVASCULAR DISORDERS, chemically induced/ FEMALE/ HUMAN/ *IMIPRAMINE, adverse effects/ ISCHEMIA/ *PHENYLBUTAZONE, adverse effects/ PURPURA, THROMBOPENIC, chemically induced/ *THROMBOSIS, chemically induced/ THYROIDITIS, complications

3475. **Thomson JA, Jackson IM:** Malignancy in thyroid nodules. Lancet 2:162, 19 Jul 69
DIAGNOSIS, DIFFERENTIAL/ *GOITER, diagnosis/ GOITER, surgery/ HUMAN/ *THYROID NEOPLASMS, diagnosis/ THYROID NEOPLASMS, surgery/ THYROIDECTOMY

3476. **Thygesen P, Klee A, Fog M:** Profylaktisk behandling of migraenepatienter med 6-alpha-trifluormetyl-17-alpha-acetoksiprogesteron (Demigran Leo, WG 537)
Ugeskr Laeg 131:144-9, 23 Jan 69 **(Dan)**
ADULT/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ FEMALE/ FLUORINE/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, administration & dosage/ 17-HYDROXYCORTICOSTEROIDS, adverse effects/ MALE/ METHODS/ MIDDLE AGE/ *MIGRAINE, prevention & control/ PLACEBOS/ TIME FACTORS

3477. **Tibaldeschi C, Zonta A, Defant G:** Sindrome poliendocrina associata ad endostosi sellare. Descrizione di un caso.
Minerva Chir 24:451-8, 30 Apr 69 **(Ita)**
*ACROMEGALY, etiology/ *BONE DISEASES, complications/ *DIABETES INSIPIDUS, etiology/ *ENDOCRINE DISEASES, etiology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, etiology/ *MENINGITIS, complications/ MIDDLE AGE/ *SPHENOID BONE

3478. **Tibilova AU:** O nervno-psikhicheskikh narusheniiakh pri sindrome forbesa.
Zh Nevropat Psikhiat Korsakov 69:403-7, 1969 **(Rus)**
ADULT/ *AMENORRHEA, complications/ *BRAIN DISEASES, diagnosis/ *DIENCEPHALON/ ENGLISH ABSTRACT/ FEMALE/ *GYNECOLOGIC DISEASES, diagnosis/ HUMAN/ HYSTERIA, etiology/ *LACTATION DISORDERS, complications/ *MENTAL DISORDERS, etiology/ PITUITARY DISEASES, diagnosis/ RHEUMATISM, complications

3479. **Tikare SK, Bisht DB:** Idiopathic hypoparathyroidism. J Indian Med Ass 51:457-60, 1 Nov 68
HUMAN/ *HYPOPARATHYROIDISM/ MALE/ MIDDLE AGE

3480. **Tikhonov VA:** Nekotorye rentgenologicheskie izmeneniia meta-épifizarnykh zon pri narusheniiakh obshchego rosta tela v dlinu.
Vestn Rentgen Radiol 42:52-8, Nov-Dec 67 **(Rus)**
ADOLESCENCE/ ADULT/ BONE AND BONES, radiography/ CHILD/ CHILD, PRESCHOOL/ CHROMOSOME ABNORMALITIES, physiopathology/ ENDOCRINE DISEASES, physiopathology/ ENGLISH ABSTRACT/ *EPIPHYSES, radiography/ FEMALE/ *FINGER JOINT, radiography/ *GROWTH/ GROWTH DISORDERS, radiography/ HUMAN/ MALE/ THUMB, radiography/ *WRIST, radiography

3481. **Tilley JC, Graves TW:** The use of Cordran tape in skin diseases. J Louisiana Med Soc 121:189-90, Jun 69
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *OCCLUSIVE DRESSINGS/ *SKIN DISEASES, drug therapy/ STEROIDS, administration & dosage

3482. **Tilstone WJ, Roach PJ:** Plasma corticosterone in the rat in relation to trauma and environmental temperature. Quart J Exp Physiol 54:341-5, Jul 69
ANIMAL EXPERIMENTS/ COLD/ *CORTICOSTERONE, blood/ MALE/ RATS/ *TEMPERATURE/ *WOUNDS AND INJURIES, blood

3483. **Timmons RL, Dugger GS:** Water and salt metabolism following pituitary stalk section.
Neurology (Minneap) 19:790-800, Aug 69
BREAST NEOPLASMS, surgery/ CORTISONE, administration & dosage/ DESOXYCORTICOSTERONE, administration & dosage/ DIABETES INSIPIDUS/ FEMALE/ HEMATOCRIT/ HUMAN/ HYPONATREMIA/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiopathology/ MIDDLE AGE/ NEOPLASM METASTASIS/ NERVE DEGENERATION/ NERVE REGENERATION/ NEURONS/ *PITUITARY GLAND, surgery/ PITUITARY GLAND, POSTERIOR, physiopathology/ POSTOPERATIVE COMPLICATIONS/ SODIUM, blood/ *SODIUM CHLORIDE, metabolism/ VASOPRESSIN, administration & dosage/ VASOPRESSIN, metabolism/ *WATER, metabolism/ WATER-ELECTROLYTE BALANCE

3484. **Timonen S, Kaivola S:** Assessment of ovarian function by stimulation with gonadotrophins.
Ann Chir Gynaec Fenn 57:425-30, 1968
ADULT/ *AMENORRHEA, diagnosis/ AMENORRHEA, etiology/ ESTROGENS, biosynthesis/ FEMALE/ *GONADOTROPINS, diagnostic use/ GONADOTROPINS, pharmacodynamics/ *GONADOTROPINS, PITUITARY, diagnostic use/ HUMAN/ MALE/ MENOPAUSE/ MIDDLE AGE/ OVARY, drug effects/ *OVARY, physiology/ OVULATION/ STERILITY, FEMALE, diagnosis

3485. **Timonen S, Kaivola S, Hirvonen E, et al:** Amenorrhea associated with emaciation.
Ann Chir Gynaec Fenn 57:431-5, 1968
ADOLESCENCE/ ADULT/ *AMENORRHEA, etiology/ AMENORRHEA, physiopathology/ BASAL METABOLISM/ *EMACIATION, complications/ ESTRONE, urine/ FEMALE/ GONADOTROPINS, analysis/ GONADOTROPINS, diagnostic use/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM/ 17-KETOSTEROIDS, urine/ *OVARY, physiology/ PITUITARY-ADRENAL FUNCTION TESTS/ PROTEIN-BOUND IODINE TEST

3486. **Timonen S, Tervilä L:** Urinary oestrone in imminent abortion. Ann Chir Gynaec Fenn 57:447-50, 1968
*ABORTION, THREATENED, diagnosis/ ABORTION, THREATENED, occurrence/ ABORTION, THREATENED, urine/ *ESTRONE, urine/ FEMALE/ HUMAN/ METHODS/ PREGNANCY/ TIME FACTORS

3487. **Tipton IH, Stewart PL, Dickson J:** Patterns of elemental excretion in long term balance studies.
Health Phys 16:455-62, Apr 69
ADULT/ CALCIUM, metabolism/ COLORIMETRY/ *DIET/ *ELEMENTS, urine/ *FECES, analysis/ HUMAN/ INTESTINAL ABSORPTION/ MALE/ SPECTROPHOTOMETRY/ STRONTIUM, metabolism/ *TIME

3488. **Tixier-Vidal A, Picart R, Rappaport L, et al:** Ltrastructure et autoradiographie de cellules thyroidiennes isolées, incubées en présence de 125I.
J Ultrastruct Res 28:78-101, Jul 69 **(Fre)**
ANIMAL EXPERIMENTS/ BINDING SITES/ CELL AGGREGATION/ CENTRIFUGATION, DENSITY GRADIENT/ CYTOPLASM/ GEL FILTRATION/ IN VITRO/ IODINE ISOTOPES/ MICROSCOPY, ELECTRON/

RADIOAUTOGRAPHY/ RIBOSOMES/ SHEEP/ *THYROGLOBULIN, analysis/ *THYROID GLAND, cytology/ *THYROXINE-BINDING PROTEIN, analysis

3489. **Todd R:** Tuberculous meningitis with a rare complication: nursing care study.
Nurs Times 65:661-2, 22 May 69
ADOLESCENCE/ CASE REPORT/ *HYPONATREMIA, complications/ MALE/ *PITUITARY DISEASES, complications/ *TUBERCULOSIS, MENINGEAL, complications/ VASOPRESSIN, secretion/ WATER-ELECTROLYTE BALANCE

3490. **Toft H:** Klorpropamidbehandling af diabetes insipidus.
Ugeskr Laeg 131:423-5, 6 Mar 69 **(Dan)**
ADULT/ CHLORPROPAMIDE, pharmacodynamics/ *CHLORPROPAMIDE, therapeutic use/ *DIABETES INSIPIDUS, drug therapy/ DIURESIS/ ENGLISH ABSTRACT/ HUMAN/ MALE/ TIME FACTORS

3491. **Tojo S, Fukunishi H:** [Basic metabolic phase in the ovary, in relation to the mechanism of gonadotropic action]
Clin Endocr (Tokyo) 17:119-24, Feb 69 (21 ref.) **(Jap)**
AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ CARBOHYDRATES, metabolism/ FEMALE/ *GONADOTROPINS, physiology/ LIPIDS, metabolism/ NUCLEIC ACIDS, metabolism/ *OVARY, metabolism/ RATS/ REVIEW

3492. **Tokuoka S:** Response of the uterine smooth muscle cell to estrogen stimulation: an electron microscopic and autoradiographic study.
Acta Path Jap 18:417-30, Nov 68
ANIMAL EXPERIMENTS/ COLLAGEN/ *ESTRADIOL, pharmacodynamics/ FEMALE/ MICROSCOPY, ELECTRON/ MUSCLE, SMOOTH/ PROLINE/ RADIOAUTOGRAPHY/ RATS/ TRITIUM/ *UTERUS, drug effects/ UTERUS, pathology

3493. **Tokuyama T, Daly J, Witkop B:** The structure of batrachotoxin, a steroidal alkaloid from the Colombian arrow poison frog, Phyllobates aurotaenia, and partial synthesis of batrachotoxin and its analogs and homologs. J Amer Chem Soc 91:3931-8, 2 Jul 69
ALKALOIDS/ CHEMISTRY/ FROGS/ *STEROIDS/ *TOXINS/ TOXINS, chem synthesis

3494. **Tolloczko T:** Pierwotna nadczynność przytarczyc.
Pol Arch Med Wewnet 42:597-603, Apr 69 (29 ref.) **(Pol)**
ADENOMA/ CUSHING'S SYNDROME/ HUMAN/ *HYPERPARATHYROIDISM/ PARATHYROID NEOPLASMS/ REVIEW

3495. **Tomatis ME, Orías R:** Changes in melatonin concentration in pineal gland in rats exposed to continuous light or darkness.
Acta Physiol Lat Amer 17:227-33, 1967
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ *DARKNESS/ EYE, physiology/ GANGLIA, AUTONOMIC, physiology/ *LIGHT/ MALE/ *MELATONIN, analysis/ *PINEAL BODY, analysis/ RATS/ TOADS

3496. **Tomczyk L:** Otoczkowiak prawego jajnika.
Wiad Lek 22:571-3, 15 Mar 69 **(Pol)**
CASE REPORT/ FEMALE/ MIDDLE AGE/ *OVARIAN NEOPLASMS, complications/ *THECA CELL TUMOR, complications/ *UMBILICAL HERNIA, complications

3497. **Tompkins RK, Kraft AR, Zollinger RM:** Secretin-like choleresis produced by a diarrheogenic non-beta islet cell tumor of the pancreas. Surgery 66:131-7, Jul 69
*ACHLORHYDRIA, etiology/ ANIMAL EXPERIMENTS/ BILE, analysis/ *BILE, secretion/ BIOLOGICAL ASSAY/ *DIARRHEA, etiology/ DOGS/ *HORMONES, ECTOPIC, secretion/ HUMAN/ *HYPOKALEMIA, etiology/ ISLET CELL TUMOR, complications/ *ISLET CELL TUMOR, physiopathology/ *SECRETIN

3498. **Tongiani R, Viola-Magni MP:** II. Differences in adrenal medulla nuclear DNA content among rats of different strains following intermittent exposure to cold.
J Cell Biol 42:452-9, Aug 69
ADAPTATION, PHYSIOLOGICAL/ *ADRENAL MEDULLA, cytology/ ANIMAL EXPERIMENTS/ ANIMAL NUTRITION/ *CELL NUCLEUS, metabolism/ *COLD/ *DNA, metabolism/ GENETICS/ RATS

3499. **Topp G, Meissner H:** Ergebnisse kolposkopischer, zytologischer und histologischer Untersuchungen nach Behandlung mit Ovulationshemmern.
Zbl Gynaek 90:1778-83, 28 Dec 68 **(Ger)**
ADOLESCENCE/ ADULT/ *CARCINOMA, diagnosis/ *CERVIX NEOPLASMS, diagnosis/ COLPOSCOPY/ *CONTRACEPTIVES, ORAL, therapeutic use/ CYTODIAGNOSIS/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ GERMANY, WEST/ HUMAN/ *LEUKOPLAKIA, diagnosis/ MIDDLE AGE/ *PRECANCEROUS CONDITIONS, diagnosis/ STATISTICS

3500. **Torizuka K:** Studies on iodine metabolism in chronic thyroiditis. Acta Path Jap 18:485-90, Nov 68
ADOLESCENCE/ ADULT/ ANIMAL EXPERIMENTS/ AUTOANTIBODIES, analysis/ CHRONIC DISEASE/ FEMALE/ GUINEA PIGS/ *IODINE, metabolism/ IODINE ISOTOPES, DIAGNOSTIC, metabolism/ MALE/ MIDDLE AGE/ PREDNISOLONE, therapeutic use/ THYROID HORMONES, blood/ THYROID HORMONES, therapeutic use/ THYROIDITIS, drug therapy/ THYROIDITIS, immunology/ *THYROIDITIS, metabolism

3501. **Torok N:** Differential caloric stimulations in vestibular diagnosis. Arch Otolaryng (Chicago) 90:52-7, Jul 69
*DEAFNESS, diagnosis/ HUMAN/ *HYPOTHYROIDISM, complications/ *LABYRINTH DISEASES, diagnosis/ *MENIERE'S DISEASE, diagnosis/ *MULTIPLE SCLEROSIS, diagnosis/ *VESTIBULAR FUNCTION TESTS

3502. **Torrenté A de:** Etude dynamique de la citratémie lors d'une hypocalcémie provoquée chez l'homme normal.
Schweiz Med Wschr 99:355-60 concl, 15 Mar 69 **(Fre)**
*CITRATES, blood/ *EDTA, pharmacodynamics/ ENGLISH ABSTRACT/ *GLUCOSE, pharmacodynamics/ HUMAN/ *HYPOCALCEMIA, blood/ HYPOCALCEMIA, chemically induced/ INJECTIONS/ PARATHYROID GLANDS, drug effects/ *PARATHYROID GLANDS, metabolism/ *PHOSPHATES, blood

3503. **Torrenté A de:** Etude dynamique de la citratémie lors d'une hypocalcémie provoquée chez l'homme normal.
Schweiz Med Wschr 99:317-23 contd, 8 Mar 69 **(Fre)**
ADULT/ CALCIUM, blood/ *CITRATES, blood/ CLINICAL RESEARCH/ EDTA, pharmacodynamics/ FEMALE/ HUMAN/ *HYPOCALCEMIA/ MALE/ *PARATHYROID HORMONE, physiology/ PHOSPHATES, blood

3504. **Torres EC, Brandi G:** The effect of vasoactive drugs on local coronary flow.
Canad J Physiol Pharmacol 47:421-5, May 69
ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLOOD CIRCULATION, drug effects/ BLOOD FLOW VELOCITY/ BLOOD PRESSURE, drug effects/ *BLOOD VOLUME, drug effects/ COMPARATIVE STUDY/ *CORONARY VESSELS, drug effects/ DIPYRIDAMOLE, pharmacodynamics/ DOGS/ EPINEPHRINE, pharmacodynamics/ FEMALE/ FEMORAL ARTERY, drug effects/ GLYCERYL TRINITRATE, pharmacodynamics/ ISOPROTERENOL, pharmacodynamics/ MALE/ NOREPINEPHRINE, pharmacodynamics/ PHENYLEPHRINE, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ RADIOISOTOPES/ RECEPTORS, NEURAL, drug effects/ VASOPRESSIN, pharmacodynamics/ XENON

3505. **Tóth F, Primász P, Dömötöri J:** Hormonale und histologische Untersuchungen bei Uterusmyomen.
Z Geburtsh Gynaek 170:163-71, Apr 69 **(Ger)**

ADULT/ DNA, analysis/ ENDOMETRIUM, pathology/ ENGLISH ABSTRACT/ ESTROGENS, urine/ FEMALE/ GONADOTROPINS, CHORIONIC, urine/ HISTOCYTOCHEMISTRY/ HUMAN/ 17-KETOSTEROIDS, urine/ MIDDLE AGE/ MYOMA, etiology/ MYOMA, pathology/ *MYOMA, urine/ PREGNANEDIOL, urine/ SEX HORMONES, physiology/ UTERINE NEOPLASMS, etiology/ UTERINE NEOPLASMS, pathology/ *UTERINE NEOPLASMS, urine

3506. **Tóth VG, Müller H:** Histological studies of infantile ovaries on autopsy material.
Arq Brasil Endocr 17:81-8, Aug 68
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ COMPARATIVE STUDY/ FEMALE/ *FSH, physiology/ HUMAN/ INFANT/ INFANT, NEWBORN/ METHODS/ OVARIAN CYSTS, complications/ OVARIAN CYSTS, pathology/ OVARIAN NEOPLASMS, pathology/ *OVARY, cytology/ OVARY, physiology/ PUBERTY

3507. **Toubiana CG:** Etude d'un corticoïde-retard en pratique cancérologique. Therapeutique 45:522-5, May 69 **(Fre)**
AGED/ *BETAMETHASONE, therapeutic use/ FEMALE/ HUMAN/ MIDDLE AGE/ *NEOPLASMS, drug therapy/ NEOPLASMS, radiotherapy

3508. **Touliet F, Voisin GA:** Réactions d'hypersensibilité et anticorps sériques envers les auto-antigènes de spermatozoïdes. Relations avec le mécanisme de l'orchite aspermatogénétique auto-immune.
Ann Inst Pasteur (Paris) 116:579-601, May 69 **(Fre)**
ANAPHYLAXIS/ ANIMAL EXPERIMENTS/ *ANTIGENS, isolation & purification/ ARTHUS PHENOMENON/ *AUTOANTIBODIES/ *AUTOIMMUNE DISEASES, immunology/ CAPILLARY PERMEABILITY/ ENGLISH ABSTRACT/ GUINEA PIGS/ HYPERSENSITIVITY, DELAYED/ MALE/ *ORCHITIS, immunology/ *SPERMATOZOA, immunology/ TESTICULAR DISEASES, immunology/ TESTIS, pathology/ TIME FACTORS

3509. **Tourniaire A, Blum J, Guyot R, et al:** L'hyperexcitabilitité myocardique des cardiopathies décompensées. Effect de la spironolactone.
Sem Hop Paris 45:1388-92, 26 Apr 69 **(Fre)**
DEHYDRATION, chemically induced/ DIGITALIS GLYCOSIDES, adverse effects/ DIURESIS, drug effects/ DIURETICS, therapeutic use/ ENGLISH ABSTRACT/ EXTRASYSTOLE, drug therapy/ *HEART FAILURE, CONGESTIVE, drug therapy/ HEART RATE/ HEMATOCRIT/ HUMAN/ HYPERALDOSTERONISM, complications/ NITROGEN, blood/ POTASSIUM, physiology/ POTASSIUM, therapeutic use/ SODIUM, physiology/ SPIRONOLACTONE, adverse effects/ SPIRONOLACTONE, pharmacodynamics/ *SPIRONOLACTONE, therapeutic use/ VENTRICULAR FIBRILLATION

3510. **Tourniaire J, Guinet P, Mornex R, et al:** Diabète lipoatrophique. Etude clinique et biologique d'un cas atypique. Sem Hop Paris 44:3289-97, 20 Dec 68 **(Fre)**
ADIPOSE TISSUE, pathology/ ADULT/ BIOPSY/ BLOOD SUGAR, analysis/ *DIABETES MELLITUS, complications/ DIABETIC NEUROPATHIES, diagnosis/ DIABETIC RETINOPATHY, diagnosis/ ENGLISH ABSTRACT/ EPINEPHRINE, diagnostic use/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ GLUCAGON, diagnostic use/ GLYCOSURIA, RENAL, diagnosis/ HUMAN/ INSULIN, LENTE, administration & dosage/ *LIPODYSTROPHY, complications/ LIPODYSTROPHY, congenital/ PITUITARY-ADRENAL FUNCTION TESTS/ SKIN, pathology/ STEROIDS, urine/ TOLBUTAMIDE, diagnostic use/ TRIGLYCERIDES, blood

3511. **Toussaint C, Verniory A:** Serum renin levels and postnephrectomy blood pressure.
New Eng J Med 281:272-3, 31 Jul 69
*BLOOD PRESSURE/ HUMAN/ HYPERTENSION, RENAL, surgery/ *NEPHRECTOMY/ *RENIN, blood

3512. **Townes PL:** Human polymorphism.
Med Clin N Amer 53:887-901, Jul 69 (116 ref.)
AMINO ACID METABOLISM, INBORN ERRORS, familial & genetic/ AMINOBUTYRIC ACID, metabolism/ BLOOD GROUPS/ BLOOD PROTEINS/ COLOR BLINDNESS, familial & genetic/ ENZYMES/ FEMALE/ HEMOGLOBINOPATHIES, familial & genetic/ HUMAN/ MALE/ MUTATION/ PHENYLTHIOUREA/ *POLYMORPHISM (GENETICS)/ REVIEW/ SEX CHROMOSOMES/ TASTE

3513. **Trautmann JC, Kearns TP:** Treatment of diabetic retinopathy. Postgrad Med 45:123-5, Jun 69
*DIABETIC RETINOPATHY, therapy/ HUMAN/ LIGHT COAGULATION/ PITUITARY GLAND, surgery

3514. **Treister G, Stein R, Kosary IZ:** Acute nonsuppurative meningoencephalitis associated with transient amaurosis. Amer J Ophthal 68:105-7, Jul 69
ANGIOGRAPHY/ ANTIBIOTICS, therapeutic use/ BLINDNESS, diagnosis/ BLINDNESS, drug therapy/ *BLINDNESS, etiology/ CHILD/ DRAINAGE/ FEMALE/ HEMIANOPSIA, complications/ HERPESVIRUS INFECTIONS, complications/ HUMAN/ HYDROCORTISONE, therapeutic use/ INFANT/ MALE/ MENINGOCOCCAL INFECTIONS, complications/ *MENINGOENCEPHALITIS, complications/ MENINGOENCEPHALITIS, diagnosis/ MENINGOENCEPHALITIS, drug therapy/ MENINGOENCEPHALITIS, etiology/ MENINGOENCEPHALITIS, surgery/ PUPIL, physiopathology

3515. **Trepel F, Schick P, Begemann H:** Morphologische und funktionelle Veränderungen im Blutzellsystem des Meerschweinchens nach Behandlung mit cytostatischen Substanzen, Prednisolon und Phenylbutazon. 3. Veränderungen einer immunologischen und einer unspezifischen Entzündungsreaktion.
Z Ges Exp Med 149:25-43, 8 Jan 69 **(Ger)**
ANIMAL EXPERIMENTS/ *BLOOD CELLS, drug effects/ GUINEA PIGS/ HYPERSENSITIVITY, DELAYED, drug therapy/ *IMMUNOSUPPRESSIVE AGENTS, pharmacodynamics/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ LYMPHOCYTES, drug effects/ MONOCYTES, drug effects/ *PHENYLBUTAZONE, pharmacodynamics/ PHENYLBUTAZONE, therapeutic use/ *PREDNISOLONE, pharmacodynamics/ PREDNISOLONE, therapeutic use/ TUBERCULIN TEST

3516. **Treurniet N:** Ein abwichender Verlauf des analytischen Prozesses in der Eroffnungsphase. Beitrag zur Kasuistik des Einflusses kindlicher Kriegserlebnisse auf die Neurose des Adoleszenten und Erwachsenwn.
Psyche (Stuttgart) 23:295-312, Apr 69 **(Ger)**
ADULT/ CASE REPORT/ CONFLICT (PSYCHOLOGY)/ GUILT/ HUMAN/ MALE/ MASTURBATION/ *NEUROSES, ANXIETY/ *PSYCHOANALYTIC THEORY/ PSYCHOANALYTIC THERAPY/ PUBERTY/ TRANSFERENCE (PSYCHOLOGY)/ WAR

3517. **Trevisi M, Ruggeri F:** Sulla diposizione dei sali minerali durante il processo di guarigione di una frattura della tibia nel ratto albino.
Chir Organi Mov 57:333-41, 1969 **(Ita)**
ANIMAL EXPERIMENTS/ *BONE AND BONES, metabolism/ ENGLISH ABSTRACT/ MICROSCOPY, INTERFERENCE/ *MINERALS, metabolism/ RATS/ *TIBIAL FRACTURES/ *WOUND HEALING

3518. **Triggle DJ, Ridley HF, DeMaio DM:** Some 3-alkoxyestra-1,3,5(10)-trien-17-beta-ols.

J Med Chem 12:346, Mar 69
ESTRADIOL/ *ESTROGENS, chem synthesis

3519. **Trimble MR, Herbert J:** The effect of testosterone or oestradiol upon the sexual and associated behaviour of the adult female Rhesus monkey.
J Endocr 42:171-85, Oct 68
AGGRESSION, drug effects/ ANIMAL EXPERIMENTS/ CASTRATION/ CENTRAL NERVOUS SYSTEM, drug effects/ CLITORIS, drug effects/ COITUS/ *ESTRADIOL, pharmacodynamics/ FEMALE/ MALE/ MONKEYS/ *SEX BEHAVIOR, ANIMAL, drug effects/ SKIN, drug effects/ TESTOSTERONE, pharmacodynamics/ VAGINAL SMEARS

3520. **Tripathi VN, Desautels RE:** Primary amyloidosis of the urogenital system: a study of 16 cases and brief review. J Urol 102:96-101, Jul 69
ADULT/ *AMYLOIDOSIS/ AMYLOIDOSIS, diagnosis/ AMYLOIDOSIS, pathology/ BLADDER DISEASES, pathology/ FEMALE/ *GENITAL DISEASES, MALE/ GENITAL DISEASES, MALE, diagnosis/ HUMAN/ KIDNEY DISEASES, pathology/ MALE/ MIDDLE AGE/ PROGNOSIS/ PROSTATIC DISEASES, pathology/ TESTICULAR DISEASES, pathology/ *UROLOGIC DISEASES/ UROLOGIC DISEASES, diagnosis

3521. **Trnka V:** Atypická hyperplasie endometria z klinického hlediska. Cesk Gynek 34:270-3, May 69 (Cze)
ADULT/ DIAGNOSIS, DIFFERENTIAL/ *ENDOMETRIUM, physiopathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERPLASIA, diagnosis/ HYPERPLASIA, therapy/ MIDDLE AGE/ MYOMA, diagnosis/ PROGESTATIONAL HORMONES, therapeutic use/ UTERINE NEOPLASMS, diagnosis

3522. **Trojnacki Z, Slusarski S, Ostasz T:** Placenta w leczeniu stanów zapalnych miednicy oraz w gojeniu ran pooperacyjnych. Przegl Lek 25:438-40, 1969 (Pol)
*ADNEXITIS, drug therapy/ ADULT/ *ENDOMETRITIS, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MIDDLE AGE/ *PLACENTAL EXTRACTS, therapeutic use/ POSTOPERATIVE CARE/ *VESICOVAGINAL FISTULA, drug therapy/ *WOUND HEALING, drug effects

3523. **Troques R:** Repair by screwing in hand and foot bone surgery. Panminerva Med 11:209-16, Apr 69
*BONE AND BONES, surgery/ *CONTRACTURE, surgery/ *FOOT, surgery/ *FRACTURE FIXATION/ *HAND, surgery/ *HAND DEFORMITIES, surgery/ *HAND INJURIES, surgery/ HUMAN

3524. **Troshev K, Ptashnikov S:** Lechenie na hydrocele testis s khidrokortizon.
Khirurgiia (Sofiia) 21:317, 1968 (Bul)
HUMAN/ *HYDROCELE, drug therapy/ *HYDROCORTISONE, TOPICAL, therapeutic use/ MALE/ *TESTICULAR DISEASES, drug therapy

3525. **Trotter RR:** Cornea and sclera.
Arch Ophthal (Chicago) 81:875-87, Jun 69 (53 ref.)
ANIMAL EXPERIMENTS/ ANTIBIOTICS, therapeutic use/ ANTILYMPHOCYTE SERUM, administration & dosage/ CONTACT LENSES/ *CORNEA/ CORNEA, transplantation/ CRYOGENIC SURGERY/ EDEMA/ *EYE DISEASES/ EYE DISEASES, drug therapy/ EYE DISEASES, microbiology/ EYE DISEASES, pathology/ FREEZING/ HISTOCOMPATIBILITY/ HUMAN/ HYDROCORTISONE, therapeutic use/ KERATITIS/ KERATITIS, DENDRITIC/ MONILIASIS/ MYCOSES/ REVIEW/ *SCLERA/ TRANSPLANTATION, HETEROLOGOUS

3526. **Trube-Becker E:** Rachitis als Todesursache im Säuglings- und Kleinkindesalter?
Med Klin 64:527-9, 21 Mar 69 (Ger)
CHILD ABUSE/ CHILD CARE/ CHILD, PRESCHOOL/ DEATH, SUDDEN/ FEMALE/ FORENSIC MEDICINE/ GERMANY, WEST/ HUMAN/ INFANT/ MALE/ RICKETS, drug therapy/ *RICKETS, mortality/ RICKETS, prevention & control/ VITAMIN D, therapeutic use

3527. **Trübestein G, Winkler H:** Zur Differenzierung zwischen funktionell und organisch bedingten Sinustachykardien mittels eines Propanolol-Kurztestes in der Praxis.
Med Welt 42:2251-6, 19 Oct 68 (Ger)
DIAGNOSIS, DIFFERENTIAL/ ELECTROCARDIOGRAPHY/ HUMAN/ *HYPERTHYROIDISM, diagnosis/ METHODS/ *MYOCARDITIS, diagnosis/ *PROPRANOLOL, diagnostic use/ *TACHYCARDIA, diagnosis

3528. **Truckenbrodt H:** Tierexperimentelle Untersuchungen zur Regulation der DNS-, RNS- und Eiweiss-Synthese während des physiologischen Washstums und deren Beeinflussung durch anabole und antianabole Pharmaka. Aerztl Forsch 23:121-38, 10 Apr 69 (Ger)
*ACTINOMYCIN, pharmacodynamics/ AGE FACTORS/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ CELL NUCLEUS/ DNA, biosynthesis/ ENGLISH ABSTRACT/ FEMALE/ *GROWTH/ GROWTH, drug effects/ KIDNEY, growth & development/ LIVER, growth & development/ MALE/ *METHENOLONE, pharmacodynamics/ MICE/ MITOSIS, drug effects/ *NUCLEIC ACIDS, biosynthesis/ ORGAN WEIGHT/ *PROTEINS, biosynthesis/ RNA, biosynthesis/ SEX FACTORS/ SEX HORMONES, physiology/ SOMATOTROPIN, physiology

3529. **Trundle D, Cunningham LW:** Iodine oxidation of the sulfhydryl groups of creatine kinase.
Biochemistry (Wash) 8:1919-25, May 69
ANIMAL EXPERIMENTS/ BINDING SITES/ CHEMISTRY/ *CREATINE KINASE/ *CYSTEINE/ DIALYSIS/ GEL FILTRATION/ *IODINE/ IODINE ISOTOPES/ MERCAPTOETHANOL/ MUSCLES, enzymology/ OXIDATION-REDUCTION/ RABBITS/ SPECTROPHOTOMETRY/ SULFENIC ACIDS/ *SULFHYDRYL COMPOUNDS/ ULTRAVIOLET RAYS

3530. **Trygstad O:** Vekst og vekstforstyrrelser.
Nord Med 81:393-401, 27 Mar 69 (Nor)
ADOLESCENCE/ ADULT/ AGE FACTORS/ *BODY HEIGHT/ CHILD/ CHILD, PRESCHOOL/ CHROMOSOME ABNORMALITIES, physiopathology/ *DWARFISM, etiology/ ENDOCRINE DISEASES, physiopathology/ ENGLISH ABSTRACT/ FEMALE/ FETUS, growth & development/ *GIGANTISM, etiology/ *GROWTH/ GROWTH DISORDERS, classification/ GROWTH DISORDERS, familial & genetic/ HUMAN/ MALE/ METABOLISM, INBORN ERRORS, physiopathology/ NUTRITION DISORDERS, physiopathology/ PREGNANCY

3531. **Tsanev A, Andreev D, Stankoucheva T, et al:** Recherches sur les troubles des hydrates de carbone dans l'obésité.
Pol Arch Med Wewnet 42:563-5, 1969 (Fre)
*BLOOD SUGAR, analysis/ CORTISONE/ *DIETARY CARBOHYDRATES, metabolism/ GLUCOSE TOLERANCE TEST/ HUMAN/ HYPERGLYCEMIA/ *OBESITY, blood

3532. **Tsuji S, Sakoda M, Asami M, et al:** [Neuro-endocrine mechanism in control of TSH secretion, with special reference to TRF. 1. Extraction and purification of TRF] Saishin Igaku 24:413-22, 10 Feb 68 (60 ref.) (Jap)
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CATTLE/ CHROMATOGRAPHY/ DOGS/ ELECTROPHORESIS/ HUMAN/ HYPOTHALAMUS, secretion/ *NEUROSECRETION/ RABBITS/ RATS/ REVIEW/ SHEEP/ SPECIES SPECIFICITY/ SWINE/ *THYROTROPIN, secretion/ THYROTROPIN RELEASING FACTOR, analysis/ *THYROTROPIN RELEASING FACTOR, isolation & purification/ TISSUE EXTRACTS

3533. **Tuerk M:** Foreskin and vulva as ancillary tissue pedicle sources. Panminerva Med 11:217-20, Apr 69
*DECUBITUS ULCER, surgery/ FEMALE/ HUMAN/ MALE/ *PENIS, injuries/ PENIS, surgery/ *SKIN, transplantation/ *TESTIS, injuries/ *VULVA, surgery

3534. **Tumilovich LG:** Viril'nyĭ sindrom u devochek i devushek. Feldsh Akush 34:23-6, Mar 69 **(Rus)**
SPECIAL LIST NURSING/ VIRILISM

3535. **Turnberg LA, Anthony-Mote A:** The quantitative determination of bile salts in bile using thin-layer chromatography and 3 alpha-hydroxysteroid dehydrogenase. Clin Chim Acta 24:253-9, May 69
*ALCOHOL OXIDOREDUCTASES/ *BILE, analysis/ *BILE ACIDS AND SALTS, analysis/ CHEMISTRY, CLINICAL, standards/ CHOLESTEROL, analysis/ CHROMATOGRAPHY, THIN LAYER/ HUMAN/ HYDROGEN-ION CONCENTRATION/ METHODS/ NAD, analysis/ SPECTROPHOTOMETRY/ STEROIDS/ TEMPERATURE/ TIME FACTORS

3536. **Turnbull AC, Anderson AB:** Evidence of a foetal role in determining the length of gestation.
Postgrad Med J 45:65-7, Jan 69 (32 ref.)
ANENCEPHALUS, physiopathology/ ANIMAL EXPERIMENTS/ CATTLE/ CERVIX UTERI, physiology/ ESTROGENS, biosynthesis/ ESTROGENS, urine/ FEMALE/ *FETUS, physiology/ GESTATIONAL AGE/ GOATS/ HUMAN/ LABOR/ MUSCLE CONTRACTION/ *PREGNANCY/ REVIEW/ SHEEP/ UTERUS, physiology

3537. **Tuzson J, Kertai P:** Effect of salmonella typhi endotoxin on the serum lipid level.
Acta Med Acad Sci Hung 26:121-30, 1969
ANIMAL EXPERIMENTS/ *BIOLOGICAL TRANSPORT, drug effects/ CHOLESTEROL, blood/ DENERVATION/ ENDOTOXINS, antagonists & inhibitors/ *ENDOTOXINS, pharmacodynamics/ FATTY ACIDS/ HYPOPHYSECTOMY/ *LIPIDS, blood/ MALE/ PHOSPHOLIPIDS, blood/ RABBITS/ RATS/ *SALMONELLA TYPHIMURIUM/ SPINAL CORD, surgery/ STIMULATION, CHEMICAL/ SYMPATHOLYTICS, pharmacodynamics/ TRIGLYCERIDES, blood

3538. **Tverskoĭ GB, Podol'skaia LA:** Znachenie innervatsii molochnoĭ zhelezy kozy v reguliatsii soderzhaniia molochnogo zhira v sekretornykh kletkakh.
Fiziol Zh SSSR Sechenov 53:1483-8, Dec 67 **(Rus)**
ANIMAL EXPERIMENTS/ *FATS, secretion/ FEMALE/ *GOATS, physiology/ LACTATION/ *MAMMAE, innervation/ MAMMAE, secretion/ *MILK, secretion

3539. **Tveter KJ:** Subcellular localization of androgen in the rat ventral prostate in vivo.
Endocrinology 85:597-600, Sep 69
ACID PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ *CELL NUCLEUS, analysis/ GLUCOSEPHOSPHATASE, analysis/ GLUTAMATE DEHYDROGENASE, analysis/ LIVER, cytology/ LYSOSOMES, enzymology/ MALE/ MICROSOMES, enzymology/ MICROSOMES, metabolism/ MITOCHONDRIA, metabolism/ *PROSTATE, cytology/ PROSTATE, metabolism/ RATS/ RECEPTORS, DRUG/ *STANOLONE, analysis/ *TESTOSTERONE, analysis/ TESTOSTERONE, metabolism/ TRITIUM/ ULTRACENTRIFUGATION

3540. **Tveter KJ, Attramadal A:** Autoradiographic localization of androgen in the rat ventral prostate.
Endocrinology 85:350-4, Aug 69
ANIMAL EXPERIMENTS/ CASTRATION/ CELL NUCLEUS/ MALE/ *PROSTATE, analysis/ PROSTATE, cytology/ RADIOAUTOGRAPHY/ RATS/ *STANOLONE, analysis/ *TESTOSTERONE, metabolism/ TRITIUM

3541. **Tye MJ:** How I treat alopecia areata.
Postgrad Med 45:262-3, Apr 69
ADRENAL CORTEX HORMONES, therapeutic use/ ALOPECIA AREATA, drug therapy/ *ALOPECIA AREATA, therapy/ FLUOCINOLONE ACETONIDE, therapeutic use/ HUMAN/ STRESS, PSYCHOLOGIC, complications/ TRANQUILIZING AGENTS, therapeutic use

3542. **Tyler ET, Mittal KK, Matsner EM:** Oral contraception.
J Indian Med Ass 51:605-8, 16 Dec 68
*CONTRACEPTIVES, ORAL, administration & dosage/ CONTRACEPTIVES, ORAL, pharmacodynamics/ *FAMILY PLANNING/ FEMALE/ HUMAN

U

3543. **Ueck M:** Ultrastruktur des pinealen Sinnesapparates bei einigen Pipidae und Discoglossidae.
Z Zellforsch 92:452-76, 1968 **(Ger)**
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ EVOLUTION/ *FROGS, anatomy & histology/ HISTOLOGICAL TECHNICS/ MICROSCOPY, ELECTRON/ NEURONS, anatomy & histology/ *PINEAL BODY, anatomy & histology/ PINEAL BODY, physiology

3544. **Ueda Y, Ogura Y, Hanaoka H, et al:** [Magnesium and the kidney]
Saishin Igaku 23:2541-8, 10 Dec 68 (45 ref.) **(Jap)**
ALCOHOLISM, metabolism/ ALDOSTERONE, physiology/ ANIMAL EXPERIMENTS/ DIALYSIS/ DIURETICS, pharmacodynamics/ DOGS/ HUMAN/ *KIDNEY, physiology/ KIDNEY FAILURE, CHRONIC, metabolism/ *MAGNESIUM, metabolism/ MAGNESIUM, urine/ MAGNESIUM DEFICIENCY, metabolism/ PARATHYROID HORMONE/ RATS/ REVIEW/ UREMIA, metabolism/ VASOPRESSIN, physiology

3545. **Uher M, Zagalski J:** Zagadnienie leczenia naczyniaków oczodołu. Klin Oczna 39:55-61, 1969 **(Pol)**
ADOLESCENCE/ *ALCOHOL, ETHYL, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ EXOPHTHALMOS, drug therapy/ FEMALE/ *HEMANGIOMA, drug therapy/ HUMAN/ INFANT/ MALE/ *ORBITAL NEOPLASMS, drug therapy/ *TRICHLOROACETIC ACID, therapeutic use

3546. **Uhlich E, Baldamus CA, Ullrich KJ:** Einfluss von Aldosteron, ADH und Calciumionen auf den Natrium-transport in den Sammelrohren der Säugetierniere. Pflueger Arch 307:R70-1, 1969 **(Ger)**
ADRENALECTOMY/ *ALDOSTERONE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *CALCIUM, pharmacodynamics/ DIET, SALT-FREE/ KIDNEY CONCENTRATING ABILITY/ *KIDNEY TUBULES, physiology/ PERFUSION/ *SODIUM, urine/ *VASOPRESSIN, pharmacodynamics

3547. **Uhmannová V, Hlavsová Z, Sonek M:** Spolehlivost cytologických kritérií u ohroženého těhotenství ve srovnání s hladinou pregnandiolu.
Cesk Gynek 34:283-4, May 69 **(Cze)**
ABORTION, HABITUAL/ *ABORTION, THREATENED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ PREGNANCY/ *PREGNANEDIOL, urine/ PRENATAL CARE/ *VAGINAL SMEARS

3548. **Ulukutlu L, Bilger M, Ezer G, et al:** L'effet des corticostéroïdes sur le sang périphérique.
Pediatrie 24:385-92, Jun 69 **(Fre)**
ADOLESCENCE/ *ADRENAL CORTEX HORMONES/ *ADRENAL CORTEX HORMONES, adverse effects/ CHILD/ *EXTREMITIES, blood supply/ FEMALE/ HUMAN/ *LEUKOCYTOSIS, chemically induced/ MALE/ *RHEUMATIC FEVER, drug therapy

3549. **Unanue ER, Cerottini JC, Bedford M:** Persistence of antigen on the surface of macrophages.
Nature (London) 222:1193-5, 21 Jun 69
ANIMAL EXPERIMENTS/ *ANTIGENS, analysis/ BINDING SITES/ *HEMOCYANIN/

IODINE ISOTOPES, DIAGNOSTIC/ *MACROPHAGES, immunology/ MICE/ MICROSCOPY, ELECTRON/ MSH/ RADIOAUTOGRAPHY/ SURFACE PROPERTIES

3550. **Unhjem O, Tveter KJ:** Localization of an androgen binding substance from the rat ventral prostate.
Acta Endocr (Kobenhavn) 60:571-8, Apr 69
ANIMAL EXPERIMENTS/ *BINDING SITES/ CASTRATION/ GEL FILTRATION/ IN VITRO/ KIDNEY, analysis/ LIVER, analysis/ *MACROMOLECULAR SYSTEMS, analysis/ MALE/ MUSCLES, analysis/ *PROSTATE, analysis/ PROSTATE, metabolism/ RATS/ *TESTOSTERONE, metabolism/ TRITIUM

3551. **Unsicker K:** Follikel aus Ganglienzellen im Nebennierenmark des Goldhamsters (Mesocricetus auratus) Z Zellforsch 95:86-101, 1969 **(Ger)**
*ADRENAL MEDULLA, anatomy & histology/ ANIMAL EXPERIMENTS/ CYTOPLASMIC GRANULES/ ENGLISH ABSTRACT/ *GANGLIA, anatomy & histology/ GANGLIA, cytology/ GOLGI APPARATUS/ *HAMSTERS, anatomy & histology/ HISTOLOGICAL TECHNICS/ MACROPHAGES/ MICROSCOPY, ELECTRON/ NISSL BODIES

3552. **Uozumi T, Manabe H, Tanaka H, et al:** Urinary steroids of healthy subjects from childhood to old age. Age-controlled changes in urinary steroids.
Acta Endocr (Kobenhavn) 61:17-24, May 69
ADOLESCENCE/ ADULT/ *AGING/ CHEMISTRY, CLINICAL/ CHILD/ CHILD, PRESCHOOL/ CHROMATOGRAPHY, ION EXCHANGE/ FEMALE/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, urine/ *17-KETOSTEROIDS, urine/ MALE

3553. **Urban E, Schedl HP:** Comparison of in vivo and in vitro effects of vitamin D on calcium transport in the rat.
Amer J Physiol 217:126-30, Jul 69
ANIMAL EXPERIMENTS/ CALCIUM, blood/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ DUODENUM, metabolism/ ILEUM, metabolism/ IN VITRO/ *INTESTINE, SMALL, metabolism/ MALE/ METHODS/ PHYSIOLOGY, COMPARATIVE/ RATS/ *VITAMIN D, pharmacodynamics/ VITAMIN D DEFICIENCY, metabolism/ WATER, analysis

3554. **Urban P:** The fine structure of pronuclear fusion in the coenocytic marine alga Bryopsis hypnoides Lamouroux. J Cell Biol 42:606-11, Aug 69
*ALGAE, cytology/ ALGAE, physiology/ CELL NUCLEUS/ ENDOPLASMIC RETICULUM/ MEMBRANES/ MICROSCOPY, ELECTRON/ *REPRODUCTION/ *SEX CHROMATIN

3555. **Urbatus W:** Ornithin 8-Vasopressin (POR8) als Vasokonstriktor in der Gynäkologie und Geburtshilfe.
Praxis 56:1755-64, 28 Dec 67 **(Ger)**
ADULT/ EPINEPHRINE, pharmacodynamics/ EPISIOTOMY/ FEMALE/ HUMAN/ ORNITHINE, pharmacodynamics/ *ORNITHINE, therapeutic use/ *VAGINA, surgery/ VASOPRESSIN, adverse effects/ VASOPRESSIN, pharmacodynamics/ *VASOPRESSIN, therapeutic use

3556. **Urist MR, Hay PH, Dubuc F, et al:** Osteogenetic competence. Clin Orthop 64:194-220, May-Jun 69
ADRENAL GLANDS, cytology/ *BONE AND BONES, cytology/ *BONE MARROW CELLS, transplantation/ BRAIN, cytology/ *CELL DIFFERENTIATION/ CELL MOVEMENT/ *CONNECTIVE TISSUE CELLS, physiology/ CYTOLOGY/ HUMAN/ KIDNEY, cytology/ LIVER, cytology/ LUNG, cytology/ MUSCLES, cytology/ *OSTEOBLASTS, physiology/ *OSTEOGENESIS/ OVARY, cytology/ PANCREAS, cytology/ PHOTOMICROGRAPHY/ POLYETHYLENES/ SILICON/ SPLEEN, cytology/ TENDONS/ TESTIS, cytology/ THYROID GLAND, cytology

3557. **Usineviciu A, Melamed E, Bojan Z, et al:** Etat fonctionnel des centres hypothalamiques chez les lapins ayant une parodontose expérimentale provoquée par l'irritation de la pulpe dentaire avec de l'acide phénique.
Rev Stomat (Paris) 70:97-108, Mar 69 **(Fre)**
ANIMAL EXPERIMENTS/ *DENTAL PULP, drug effects/ *HYPOTHALAMUS, physiopathology/ LEUKOCYTOSIS, etiology/ *PERIODONTAL DISEASES, chemically induced/ *PHENOLS, pharmacodynamics/ RABBITS

3558. **Usubiaga JE, Wikinski JA, Usubiaga LE:** Use of lidocaine and procaine in patients with pheochromocytoma.
Anesth Analg (Cleveland) 48:443-53, May-Jun 69
ADULT/ ANESTHESIA, LOCAL/ ARRHYTHMIA, prevention & control/ BLOOD VOLUME/ CATECHOLAMINES, urine/ ELECTROCARDIOGRAPHY/ ELECTROENCEPHALOGRAPHY/ FEMALE/ HALOTHANE/ HEART RATE, drug effects/ HUMAN/ HYPERTENSION, prevention & control/ HYPOTENSION, prevention & control/ INJECTIONS, INTRAVENOUS/ *LIDOCAINE/ MALE/ MEPERIDINE/ MIDDLE AGE/ NITROUS OXIDE/ PHENOXYBENZAMINE, therapeutic use/ PHENTOLAMINE, analysis/ PHENTOLAMINE, therapeutic use/ *PHEOCHROMOCYTOMA, surgery/ *PROCAINE/ SUCCINYLCHOLINE/ THIOPENTAL/ VANILMANDELIC ACID, urine/ VASOCONSTRICTOR AGENTS, therapeutic use

3559. **Usui T:** Extraction of urinary phenolic steroids.
Clin Chim Acta 24:467-8, Jun 69
COLORIMETRY/ ESTRIOL, urine/ HUMAN/ MALE/ *PHENOLS, urine/ *STEROIDS, urine

3560. **Usui T:** [Metabolic anomaly involving acid mucopolysaccharides-with reference to the current progress in biochemistry]
Jap J Clin Med 27:417-32, Feb 69 (146 ref.) **(Jap)**
ADRENAL CORTEX HORMONES, physiology/ BONE AND BONES, metabolism/ *CARBOHYDRATE METABOLISM, INBORN ERRORS/ CARDIOVASCULAR SYSTEM, analysis/ CHEMISTRY/ HUMAN/ LIPOCHONDRODYSTROPHY, metabolism/ LIPOIDOSIS, metabolism/ MUCOPOLYSACCHARIDES, analysis/ MUCOPOLYSACCHARIDES, blood/ *MUCOPOLYSACCHARIDES, metabolism/ MUCOPOLYSACCHARIDES, urine/ NERVE TISSUE, analysis/ PROTEINS, metabolism/ REVIEW/ VITAMINS, pharmacodynamics

V

3561. **Vaccari A, Livini E, Sereni F:** Differenze nella risposta al trattamento con steroidi anabolizzanti tra soggetti immaturi e distrofici.
Minerva Pediat 19:2007-11, 10 Nov 67 **(Ita)**
*ANABOLIC STEROIDS, therapeutic use/ CALCIUM, metabolism/ HUMAN/ *HYDROXYMETHYLTESTOSTERONE, therapeutic use/ INFANT/ INFANT, NEWBORN/ *INFANT NUTRITION DISORDERS, drug therapy/ *INFANT, PREMATURE/ MALE/ NITROGEN, metabolism/ PHOSPHORUS, metabolism/ *PROTEINS, metabolism

3562. **Vadász I:** Effect of nandrolone decanoate on some forms of pulmonary tuberculosis.
Arzneimitteiforschung 19:100-3, Jan 69
ADRENAL CORTEX HORMONES, antagonists & inhibitors/ ADULT/ BODY WEIGHT/ CHRONIC DISEASE/ HUMAN/ MALE/ NANDROLONE, adverse effects/ *NANDROLONE, therapeutic use/ TOMOGRAPHY/ *TUBERCULOSIS, PULMONARY, drug therapy

3563. **Vaglio N:** Gli inibitori dell'ovulazione nella pratica clinica. Minerva Med 60:1522-3, 18 Apr 69 **(Ita)**
ADOLESCENCE/ ADULT/ *CONTRACEPTIVES, ORAL, therapeutic use/ *ESTROGENS, therapeutic use/ FEMALE/ *GYNECOLOGIC DISEASES, drug therapy/ HUMAN/

*HYPOTHALAMO-HYPOPHYSEAL SYSTEM, drug effects/ *OVARY, drug effects/ *PROGESTATIONAL HORMONES, therapeutic use

3564. **Vagnucci AH**: Pathogenesis of hyperkalemia in hypoaldosteronism. J Clin Endocr 29:989-90, Jul 69
ADOLESCENCE/ *ADRENAL GLAND HYPOFUNCTION, complications/ ADRENALECTOMY/ AGED/ *ALDOSTERONE, secretion/ BLOOD UREA NITROGEN/ DESOXYCORTICOSTERONE, therapeutic use/ HUMAN/ HYPERKALEMIA, drug therapy/ *HYPERKALEMIA, etiology/ *KIDNEY DISEASES, complications

3565. **Vagnucci AH, Shapiro AP, McDonald RH Jr**: Effects of upright posture on renal electrolyte cycles. J Appl Physiol 26:720-31, Jun 69
ADRENAL GLANDS, physiology/ ADULT/ ALDOSTERONE, urine/ *CHLORIDES, urine/ *CIRCADIAN RHYTHM/ EPINEPHRINE, urine/ FEMALE/ GLOMERULAR FILTRATION RATE/ HUMAN/ HYDROCORTISONE, urine/ KIDNEY, blood supply/ *KIDNEY, physiology/ MALE/ METHODS/ *NATRIURESIS/ NOREPINEPHRINE, urine/ *POSTURE/ *POTASSIUM, urine/ REGIONAL BLOOD FLOW

3566. **Vague J**: Joseph-Pierre Hoet (1899-1968) Ann Endocr (Paris) 29:399-401, Jul-Aug 68 **(Fre)**
CURRENT BIOG-OBIT/ DIABETES MELLITUS/ ENDOCRINOLOGY, history/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT.

3567. **Vahlensieck W, Gödde S**: Behandlung der Prostatahypertrophie mit Gestagenen. Munchen Med Wschr 110:1573-7, 28 Jun 68 **(Ger)**
AGED/ HUMAN/ HYDROXYPROGESTERONE, therapeutic use/ MALE/ MIDDLE AGE/ *PROGESTATIONAL HORMONES, therapeutic use/ PROSTATIC HYPERTROPHY, complications/ *PROSTATIC HYPERTROPHY, drug therapy/ URINATION DISORDERS, drug therapy/ URINATION DISORDERS, etiology

3568. **Vaishava H, Rizvi SN**: Primary hyperparathyroidism associated with nutritional osteomalacia. Amer J Med 46:640-4, Apr 69
ADENOMA, complications/ ADULT/ ALKALINE PHOSPHATASE, blood/ CALCIUM, blood/ CALCIUM, urine/ FEMALE/ FINGERS, radiography/ HUMAN/ *HYPERPARATHYROIDISM, complications/ HYPERPARATHYROIDISM, etiology/ HYPERPARATHYROIDISM, pathology/ *OSTEOMALACIA, complications/ OSTEOMALACIA, drug therapy/ OSTEOMALACIA, etiology/ OSTEOMALACIA, pathology/ OSTEOMALACIA, radiography/ PARATHYROID NEOPLASMS, complications/ PHOSPHORUS, blood/ PHOSPHORUS, urine/ VITAMIN D, therapeutic use/ *VITAMIN D DEFICIENCY, complications

3569. **Vakov L**: On the diagnostical value of some paraclinical tests in Addison's disease. Nauch Tr Vissh Med Inst Sofiia 47:65-74, 1968
*ADDISON'S DISEASE, diagnosis/ BLOOD CHEMICAL ANALYSIS/ BLOOD SUGAR, analysis/ BLOOD UREA NITROGEN/ CHOLESTEROL, blood/ HUMAN/ KIDNEY FUNCTION TESTS/ PITUITARY-ADRENAL FUNCTION TESTS/ TUBERCULIN TEST/ WATER-ELECTROLYTE BALANCE

3570. **Val'dman AV, Koziovskaia MM**: Korreliatsiia somato-vegetetivnykh proiavlenii émotsional'no-povedencheskikh reaktsii. Fiziol Zh SSSR Sechenov 55:22-37, Jan 69 **(Rus)**
ANIMAL EXPERIMENTS/ *BEHAVIOR, ANIMAL/ *BLOOD PRESSURE/ ELECTRODES/ ELECTROPHYSIOLOGY/ ENGLISH ABSTRACT/ *HYPOTHALAMUS, physiology/ RABBITS/ *RESPIRATION/ TIME FACTORS

3571. **Vale J, Bárány EH**: Effects of phenylephrine, butylsympatol, pilocarpine, and lithium on runout of 86Rb from isolated rabbit ciliary processes. Invest Ophthal 8:422-33, Aug 69
ACETAZOLAMIDE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BAMETHAN, pharmacodynamics/ BIOLOGICAL TRANSPORT, ACTIVE/ CALCIUM, metabolism/ *CILIARY BODY, drug effects/ CILIARY BODY, metabolism/ GLUCOSE, metabolism/ IN VITRO/ *LITHIUM, metabolism/ OXYGEN, metabolism/ *PHENYLEPHRINE, pharmacodynamics/ *PILOCARPINE, pharmacodynamics/ POTASSIUM, metabolism/ RABBITS/ RADIOISOTOPES/ RUBIDIUM/ SODIUM, metabolism/ TEMPERATURE

3572. **Valenstein ES, Cox VC, Kakolewski JW**: Sex differences in hyperphagia and body weight following hypothalamic damage. Ann NY Acad Sci 157:1030-48, 15 May 69
ANIMAL EXPERIMENTS/ *APPETITE DISORDERS/ *BODY WEIGHT/ CASTRATION/ *FEEDING BEHAVIOR/ FEMALE/ HYPOPHYSECTOMY/ *HYPOTHALAMUS, physiology/ MALE/ METHODS/ OBESITY/ OVARY, physiology/ PITUITARY GLAND, physiology/ RATS/ *SEX FACTORS/ TESTIS, physiology

3573. **Valente CA, Saad FA**: Coagulopatia adquirida por descolamento prematuro da placenta (apresentação de um caso com correlação clínico-patológica) Matern Infanc (S Paulo) 27:313-26, Oct-Dec 68 **(Por)**
ADULT/ *BLOOD COAGULATION DISORDERS, etiology/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ FETAL DEATH/ HUMAN/ HYPERTENSION, complications/ *LABOR, PREMATURE, complications/ *PLACENTA, physiopathology/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, etiology

3574. **Valeriote FA, Auricchio F, Tomkins GM, et al**: Purification and properties of rat liver tyrosine aminotransferase. J Biol Chem 244:3618-24, 10 Jul 69
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BINDING SITES/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, ION EXCHANGE/ DEAE-CELLULOSE/ DEXTRAN/ ELECTROPHORESIS, DISK/ ENZYME INDUCTION/ GEL FILTRATION/ HEAT/ HYDROCORTISONE/ LIVER, analysis/ *LIVER, enzymology/ MALE/ METHODS/ MOLECULAR WEIGHT/ NITROGEN, analysis/ PRECIPITATION/ PYRIDOXAL PHOSPHATE/ RATS/ TRIAMCINOLONE, pharmacodynamics/ *TYROSINE AMINOTRANSFERASE/ TYROSINE AMINOTRANSFERASE, analysis/ TYROSINE AMINOTRANSFERASE, biosynthesis/ TYROSINE AMINOTRANSFERASE, isolation & purification/ ULTRACENTRIFUGATION

3575. **Vallance-Owen J**: Diabetes mellitus. Brit J Derm 81:Suppl 2:9-13, 1969 (23 ref.)
ANIMAL EXPERIMENTS/ ARTERIOSCLEROSIS, etiology/ *DIABETES MELLITUS, complications/ DIABETES MELLITUS, etiology/ FEMALE/ HUMAN/ INSULIN, antagonists & inhibitors/ INSULIN, biosynthesis/ NECROBIOSIS LIPOIDICA, etiology/ PANCREAS, physiopathology/ PITUITARY-ADRENAL SYSTEM, physiology/ PRURITUS VULVAE, etiology/ RATS/ REVIEW/ SERUM ALBUMIN/ *SKIN DISEASES, etiology/ XANTHOMATOSIS, etiology

3576. **Van Buskirk JJ, Friseli WR**: Inhibition by formaldehyde of energy transfer and related processes in rat liver mitochondria. II. Effects on energy-linked reactions in intact mitochondria and phosphorylating particles. Arch Biochem 132:130-8, Jun 69
ACETALDEHYDE, pharmacodynamics/ ADENOSINE TRIPHOSPHATASE, antagonists & inhibitors/ ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/

CALCIUM, metabolism/ CALCIUM, pharmacodynamics/ DINITROPHENOLS, pharmacodynamics/ ELECTRON TRANSPORT, drug effects/ *FORMALDEHYDE, pharmacodynamics/ MITOCHONDRIA, LIVER, drug effects/ *MITOCHONDRIA, LIVER, metabolism/ MODELS, BIOLOGIC/ NAD, metabolism/ OLIGOMYCIN, pharmacodynamics/ *OXIDATIVE PHOSPHORYLATION/ PYRUVATES, metabolism/ RATS/ SUCCINATES, metabolism

3577. **Van Campenhout J, Lord J, Vauclair R, et al:** The phenotype and gonadal histology in XO-XY mosaic individuals: report of two personal cases. J Obstet Gynaec Brit Comm 76:631-9, Jul 69
ADOLESCENCE/ ADULT/ CHILD/ DISGERMINOMA, pathology/ FEMALE/ GENITALIA, abnormalities/ *GONADS, pathology/ GONADS, surgery/ HERMAPHRODITISM/ HUMAN/ MALE/ MIDDLE AGE/ *MOSAICISM/ *PHENOTYPE/ *SEX CHROMOSOME ABNORMALITIES/ TURNER'S SYNDROME, pathology

3578. **Vance JE, Buchanan KD, O'Hara D, et al:** Insulin and glucagon responses in subjects with pheochromocytoma: effect of alpha adrenergic blockade. J Clin Endocr 29:911-6, Jul 69
ADULT/ CATECHOLAMINES, secretion/ FEMALE/ GLUCAGON, blood/ *GLUCAGON, secretion/ GLUCOSE TOLERANCE TEST/ HUMAN/ INSULIN, blood/ *INSULIN, secretion/ MALE/ *PHENOXYBENZAMINE, pharmacodynamics/ *PHENTOLAMINE, pharmacodynamics/ *PHEOCHROMOCYTOMA, physiopathology/ PHEOCHROMOCYTOMA, surgery/ RADIOIMMUNOASSAY/ TOLBUTAMIDE, diagnostic use

3579. **Van Creveld S, Schellekens LA:** Pubertal hemorrhages in girls with a hemorrhagic disorder. Comments on management. Clin Pediat (Phila) 8:398-9, Jul 69
ADOLESCENCE/ AMINOCAPROIC ACID, therapeutic use/ *BLOOD PLATELET DISORDERS, complications/ BLOOD TRANSFUSION/ FEMALE/ HUMAN/ HYDROXYPROGESTERONE, therapeutic use/ LYNESTRENOL, therapeutic use/ MAGNESIUM, therapeutic use/ MEGESTROL, therapeutic use/ *MENORRHAGIA, drug therapy/ *MESTRANOL, therapeutic use/ OXYTOCICS, therapeutic use/ *PREGNANES, therapeutic use/ *PROGESTATIONAL HORMONES, therapeutic use/ *PUBERTY/ *VON WILLEBRAND'S DISEASE, complications

3580. **Van de Berg L, Van de Berg A, Cession-Fossion A:** Artériographie sélective d'un phéochromocytome. A propos d'un cas. J Belg Radiol 52:25-32, 1969 **(Fre)**
*ADRENAL GLAND NEOPLASMS, radiography/ ANGIOGRAPHY/ ENGLISH ABSTRACT/ HUMAN/ MALE/ MIDDLE AGE/ *PHEOCHROMOCYTOMA, radiography

3581. **Van der Kloot WG, Singer I:** Intracellular concentrations and the efflux kinetics of sodium and calcium from frog skeletal muscles. Comp Biochem Physiol 29:125-36, Apr 69
ANIMAL EXPERIMENTS/ *BIOLOGICAL TRANSPORT/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ COMPUTERS, DIGITAL/ FROGS/ KINETICS/ MEMBRANE POTENTIALS/ *MUSCLES, metabolism/ MUSCLES, physiology/ *SODIUM, metabolism/ SODIUM ISOTOPES/ SPECTRUM ANALYSIS/ SUCROSE

3582. **Vandermeulen R, Cession-Fossion A, Lecomte J, et al:** Présence de dopamine dans les surrénales humaines. Rev Franc Etud Clin Biol 14:283-4, Mar 69 **(Fre)**
ADOLESCENCE/ *ADRENAL GLANDS, analysis/ ADULT/ AGED/ DOPA, analysis/ *DOPAMINE, analysis/ EPINEPHRINE, analysis/ HUMAN/ MIDDLE AGE/ NOREPINEPHRINE, analysis/ PHEOCHROMOCYTOMA, metabolism

3583. **Vándor F, Barla-Szabó L, Ravasz L:** Burkitt-tumor elöfordulásának lehetösége Magyarországon. Orv Hetil 110:1501-3, 29 Jun 69 **(Hun)**
ADULT/ BREAST NEOPLASMS, pathology/ *BURKITT'S LYMPHOMA, occurrence/ BURKITT'S LYMPHOMA, pathology/ FEMALE/ HUMAN/ HUNGARY/ *JAW NEOPLASMS, pathology/ LEUKEMIA, LYMPHOBLASTIC, pathology/ OVARIAN NEOPLASMS, pathology/ RETICULOENDOTHELIOSIS, pathology

3584. **Vane JR:** The dynamics of the renin-angiotensin system. Proc Roy Soc [Biol] 173:339-40, 1 Jul 69
*ANGIOTENSIN, blood/ ANIMAL EXPERIMENTS/ BLOOD CIRCULATION/ KIDNEY, metabolism/ RATS/ *RENIN, blood

3585. **Vanelli GP, Bonivento L:** Influenza degli androgeni sulla arginasi salivare. Minerva Stomat 18:79-82, Feb 69 **(Ita)**
ANIMAL EXPERIMENTS/ *ARGINASE, biosynthesis/ ENGLISH ABSTRACT/ *PAROTID GLAND, drug effects/ RATS/ *SALIVA, enzymology/ *TESTOSTERONE, pharmacodynamics

3586. **Vaništa J, Srámková L:** Panmyelopathie nach akuter Hepatitis. Med Klin 63:757-9, 10 May 68 **(Ger)**
ACUTE DISEASE/ ADULT/ BLOOD TRANSFUSION/ BONE DISEASES, drug therapy/ BONE MARROW DISEASES, drug therapy/ *BONE MARROW DISEASES, etiology/ BONE MARROW EXAMINATION/ CHLORAMPHENICOL, adverse effects/ CHLORAMPHENICOL, therapeutic use/ FEMALE/ FOLIC ACID, therapeutic use/ *HEPATITIS, INFECTIOUS, complications/ HIP JOINT/ HUMAN/ MYELOPROLIFERATIVE DISORDERS, etiology/ PREDNISONE, therapeutic use/ TESTOSTERONE, therapeutic use/ VITAMIN B 12, therapeutic use

3587. **Van Kemenade JA:** Effect of ACTH and hypophysectomy on the interrenal tissue in the common frog, Rana temporaria. Z Zellforsch 92:549-66, 1968
ADRENAL GLANDS, cytology/ *ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ CELL NUCLEUS, drug effects/ CHOLESTEROL, metabolism/ *CORTICOTROPIN, pharmacodynamics/ CYTOPLASM, drug effects/ FROGS, drug effects/ *FROGS, physiology/ GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ HISTOCYTOCHEMISTRY/ HISTOLOGICAL TECHNICS/ HYDROXYSTEROID DEHYDROGENASE, metabolism/ *HYPOPHYSECTOMY/ LIPIDS, metabolism/ MALE/ MITOSIS, drug effects/ *PITUITARY-ADRENAL SYSTEM, physiology

3588. **Van Kemenade JA:** The effect of metopirone and aldactone on the interrenal tissue of intact and pars distalis-ectomized common frogs, Rana temporaria. Z Zellforsch 92:567-82, 1968
ADRENAL GLANDS, cytology/ *ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ CELL NUCLEUS, drug effects/ CHOLESTEROL, metabolism/ FROGS, drug effects/ *FROGS, physiology/ GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ HISTOCYTOCHEMISTRY/ HISTOLOGICAL TECHNICS/ HYDROXYSTEROID DEHYDROGENASE, metabolism/ *HYPOPHYSECTOMY/ LIPIDS, metabolism/ MALE/ *METYRAPONE, pharmacodynamics/ MITOSIS, drug effects/ *PITUITARY-ADRENAL SYSTEM, physiology/ *SPIRONOLACTONE, pharmacodynamics

3589. **Van Pelt RW:** Idiopathic tenosynovitis in foals. J Amer Vet Med Ass 155:510-7, 1 Aug 69
ALKALINE PHOSPHATASE, blood/ *ANTIBIOTICS, administration & dosage/ BLOOD SUGAR/ DIHYDROSTREPTOMYCIN, administration & dosage/ HEMATOCRIT/ HEMOGLOBINOMETRY/ *HORSE DISEASES, drug therapy/ HYDROCORTISONE, administration & dosage/ INJECTIONS, INTRATHECAL/ PENICILLIN G, PROCAINE,

administration & dosage/ TENOSYNOVITIS, drug therapy/ *TENOSYNOVITIS, veterinary

3590. **Van Pelt RW, Riley WF Jr:** Tarsal hydrarthrosis in the horse: response to intra-articular injection of synthetic steroids. Canad Vet J 10:130-5, May 69
FEMALE/ *HINDLIMB/ *HORSE DISEASES, drug therapy/ HYDRARTHROSIS, drug therapy/ *HYDRARTHROSIS, veterinary/ INJECTIONS, INTRA-ARTICULAR, veterinary/ MALE/ *STEROIDS, administration & dosage

3591. **Van Prohaska J:** The inflammatory diseases of the large and small bowel. Curr Probl Surg 2-44, Mar 69 (81 ref.)
ADOLESCENCE/ ADULT/ CHILD/ COLECTOMY/ *COLITIS/ COLITIS, classification/ *COLITIS, ULCERATIVE/ COLITIS, ULCERATIVE, complications/ COLITIS, ULCERATIVE, drug therapy/ COLITIS, ULCERATIVE, etiology/ COLITIS, ULCERATIVE, surgery/ COLONIC NEOPLASMS, occurrence/ ENTERITIS, classification/ *ENTERITIS, REGIONAL/ ENTERITIS, REGIONAL, surgery/ FEMALE/ GLUCOCORTICOIDS, therapeutic use/ HEMORRHAGE, GASTROINTESTINAL, occurrence/ HUMAN/ ILEOSTOMY/ MALE/ MIDDLE AGE/ RECTUM, surgery/ REVIEW

3592. **Van Rymenant ME, De Schutter A, Porcheret J, et al:** Action de la cortisone sur la synthèse d'acides nucléiques dans le foie du rat.
Rev Franc Etud Clin Biol 14:66-8, Jan 69 **(Fre)**
ANIMAL EXPERIMENTS/ HYDROCORTISONE, pharmacodynamics/ *LIVER, drug effects/ PHOSPHORUS ISOTOPES/ RATS/ *RNA, biosynthesis/ TEMPERATURE

3593. **VanSlyck EJ, Jurgensen JC, Cargill JW:** Diabetes insipidus complicating thrombotic thrombocytopenic purpura. JAMA 209:768-70, 4 Aug 69
ACUTE DISEASE/ ADULT/ BLOOD CELL COUNT/ BLOOD PLATELETS/ BONE MARROW CELLS/ DEXTRAN, adverse effects/ *DIABETES INSIPIDUS, complications/ FEMALE/ HEPARIN, therapeutic use/ HUMAN/ INJECTIONS, INTRAVENOUS/ PREDNISOLONE, therapeutic use/ *PURPURA, THROMBOTIC THROMBOPENIC, complications/ PURPURA, THROMBOTIC THROMBOPENIC, drug therapy/ PURPURA, THROMBOTIC THROMBOPENIC, pathology

3594. **Vapaatalo HI:** Studies in the mechanism of chlorpromazine-induced adrenaline release from bovine adrenal gland.
Ann Med Exp Biol Fenn 46:345-52, 1968
ADRENAL MEDULLA, anatomy & histology/ *ADRENAL MEDULLA, drug effects/ ADRENAL MEDULLA, metabolism/ ADRENAL MEDULLA, secretion/ ANIMAL EXPERIMENTS/ CATTLE/ CHLORPROMAZINE, metabolism/ *CHLORPROMAZINE, pharmacodynamics/ CHOLESTEROL, secretion/ CHOLINESTERASE, secretion/ CYTOPLASMIC GRANULES/ *EPINEPHRINE, secretion/ HUMAN/ LACTATE DEHYDROGENASE, secretion/ RATS/ *SECRETORY RATE, drug effects/ STIMULATION, CHEMICAL/ TISSUE CULTURE

3595. **Vapaatalo HI:** Suprarenal medullary adrenaline in chlorpromazine-treated rats.
Ann Med Exp Biol Fenn 46:353-8, 1968
ADRENAL MEDULLA, analysis/ ADRENAL MEDULLA, cytology/ *ADRENAL MEDULLA, drug effects/ ANIMAL EXPERIMENTS/ *CHLORPROMAZINE, pharmacodynamics/ COLD/ CYTOPLASM/ DEPRESSION, CHEMICAL/ *EPINEPHRINE, analysis/ MALE/ RATS

3596. **Vara P:** Naisen steriiliden leikkaushoito.
Duodecim 85:255-64, 1969 **(Fin)**
ENDOMETRIOSIS, surgery/ FALLOPIAN TUBES, surgery/ FEMALE/ HUMAN/ MYOMA, surgery/ OVARIAN NEOPLASMS, surgery/ *STERILITY, FEMALE, surgery

3597. **Varma S, Jaju BP, Bhargava KP:** Mechanism of vasopressin-induced bradycardia in dogs.
Circ Res 24:787-92, Jun 69
ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ *BRADYCARDIA, chemically induced/ CEREBRAL VENTRICLES/ DOGS/ INJECTIONS/ INJECTIONS, INTRAVENOUS/ *VASOPRESSIN

3598. **Vasilenko VA:** Vliianie gipofizéktomii na funktsiiu pochki v protsesse kompensatornoĭ gipertrofii.
Fiziol Zh SSSR Sechenov 53:1193-9, Oct 67 **(Rus)**
ANIMAL EXPERIMENTS/ CORTICOTROPIN, pharmacodynamics/ DIURESIS/ DOGS/ ENGLISH ABSTRACT/ GLOMERULAR FILTRATION RATE/ *HYPERTROPHY, etiology/ *HYPOPHYSECTOMY/ KIDNEY, blood supply/ *KIDNEY, physiology/ KIDNEY, transplantation/ NATRIURESIS/ NEPHRECTOMY/ POTASSIUM, blood/ POTASSIUM, urine/ REIMPLANTATION/ SODIUM, blood/ URETER, surgery

3599. **Vaskovsky VE, Isay SV:** Quantitative determination of formaldehyde liberated with periodate oxidation.
Anal Biochem 30:25-31, Jul 69
*FORMALDEHYDE, analysis/ HEAT/ IODINE/ MANNITOL/ METHODS/ OXIDATION-REDUCTION/ *PERIODIC ACIDS/ TIME FACTORS

3600. **Vašků J, Urbánek E, Churý Z, et al:** The nonspecific changes in the heart muscle after various cardiotoxic interventions and their efficient experimental prevention. Arzneimittelforschung 19:660-3, Apr 69
*ADRENAL CORTEX HORMONES, toxicity/ ANIMAL EXPERIMENTS/ ASPARTIC ACID, pharmacodynamics/ CHLORIDES/ COMPARATIVE STUDY/ *DIPHTHERIA TOXIN, pharmacodynamics/ ELECTROLYTES, pharmacodynamics/ FEMALE/ *HEART, drug effects/ HEART, radiation effects/ MAGNESIUM, pharmacodynamics/ MALE/ MYOCARDIUM, metabolism/ *MYOCARDIUM, pathology/ NECROSIS, chemically induced/ OILS, pharmacodynamics/ *PHOSPHATES, toxicity/ POTASSIUM, pharmacodynamics/ POTASSIUM CHLORIDE, pharmacodynamics/ RADIATION EFFECTS/ RATS/ SODIUM, pharmacodynamics/ SODIUM, toxicity/ STEROLS, pharmacodynamics

3601. **Vázquez E, Vázquez P, Burciaga V:** Conceptos actuales sobre el manejo del aborto. 3. Los estudios hormonales como auxilliares en el manejo del aborto.
Gac Med Mex 98:1269-75, Oct 68 **(Spa)**
ESTROGENS, urine/ FEMALE/ GESTATIONAL AGE/ *GONADOTROPINS, CHORIONIC, urine/ HUMAN/ METHODS/ PREGNANCY/ PREGNANCY TESTS/ PREGNANEDIOL, urine/ VAGINA, cytology

3602. **Vázquez Rodriguez JJ, Ortiz Vázquez J, Martín Herrera L, et al:** Púrpura trombótica trombocitopénica de Moschcowitz.
Rev Clin Esp 112:147-60, 31 Jan 69 (201 ref.) **(Spa)**
ADRENAL CORTEX HORMONES, administration & dosage/ ADULT/ AMINOSALICYLIC ACID/ ASPHYXIA/ AUTOPSY/ BIOPSY/ BLOOD TRANSFUSION/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FIBRINOLYTIC AGENTS, administration & dosage/ GANGRENE/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, administration & dosage/ LIVER DISEASES/ MALE/ PANCREATITIS/ PURPURA, THROMBOTIC THROMBOPENIC, complications/ PURPURA, THROMBOTIC THROMBOPENIC, diagnosis/ PURPURA, THROMBOTIC THROMBOPENIC, etiology/ *PURPURA, THROMBOTIC THROMBOPENIC, pathology/ PURPURA, THROMBOTIC THROMBOPENIC, therapy/ REVIEW/ SKIN DISEASES/ SPLENECTOMY

3603. **Vecchietti G:** Angiopatia gestosica.
Minerva Med 60:1523-5, 18 Apr 69 **(Ita)**

ADRENAL GLANDS, blood supply/ ADULT/ *CAPILLARIES/ CEREBROVASCULAR CIRCULATION/ FEMALE/ HUMAN/ KIDNEY, blood supply/ LIVER, blood supply/ PREGNANCY/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR/ *PREGNANCY TOXEMIAS, complications

3604. **Veĭtsman AM, Moleva NI:** Syntez 17 al'fa-atsetoksyprogesteronu.
Farm Zh (Kiev) 23:47-9, 1968 (Ukr)
*ACETATES, chem synthesis/ BILE ACIDS AND SALTS/ *CHEMISTRY, PHARMACEUTICAL/ *HYDROXYPROGESTERONE, chem synthesis/ METHODS

3605. **Vennart J:** Radiotoxicology of tritium and 14C compounds. Health Phys 16:429-40, Apr 69
ADRENAL CORTEX HORMONES, administration & dosage/ ANIMAL EXPERIMENTS/ BONE MARROW, radiation effects/ *CARBON ISOTOPES, blood/ FOLIC ACID, administration & dosage/ GONADS, radiation effects/ HUMAN/ KIDNEY, radiation effects/ LIVER, radiation effects/ MAXIMUM PERMISSIBLE EXPOSURE LEVEL/ *RADIATION EFFECTS/ *RADIATION PROTECTION/ RATS/ SEX HORMONES, administration & dosage/ THYMIDINE, administration & dosage/ *TRITIUM, blood/ WATER

3606. **Verhaeghe A, Lesage R, Zylberberg G:** Essais cliniques, en injections locales, d'une suspension micro-cristalline de paraméthasone en rhumatologie.
Lille Med 12:Suppl:755-9, Aug-Sep 67 (Fre)
ADOLESCENCE/ ADULT/ AGED/ FEMALE/ HUMAN/ *JOINT DISEASES, drug therapy/ MALE/ MIDDLE AGE/ *PARAMETHASONE, administration & dosage

3607. **Vermillion SW, Sheps SG, Strong CG, et al:** Effect of sodium depletion on renin activity of renal venous plasma in renovascular hypertension.
JAMA 208:2302-6, 23 Jun 69
ADULT/ DIET, SALT-FREE/ HUMAN/ *HYPERTENSION, RENAL, blood/ HYPERTENSION, RENAL, pathology/ HYPERTENSION, RENAL, radiography/ HYPERTENSION, RENAL, surgery/ KIDNEY, pathology/ KIDNEY FUNCTION TESTS/ MALE/ NEPHRECTOMY/ RENAL ARTERY, pathology/ RENAL ARTERY, radiography/ RENAL ARTERY OBSTRUCTION, complications/ *RENAL VEINS/ *RENIN, blood/ *SODIUM, metabolism

3608. **Vernon-Roberts B:** Lymphocyte to macrophage transformation in the peritoneal cavity preceding the mobilization of peritoneal macrophages to inflamed areas. Nature (London) 222:1286-8, 28 Jun 69
ANIMAL EXPERIMENTS/ ESTRADIOL, pharmacodynamics/ *INFLAMMATION, physiopathology/ INJECTIONS, SUBCUTANEOUS/ *LYMPHOCYTES/ *MACROPHAGES/ MALE/ MICE/ *PERITONEAL CAVITY, pathology

3609. **Veselý K, Petrů M, Hontela S:** Mykologische und klinische Diagnostik der Hefepilze in der weiblichen und Kindergynäkologie.
Zbl Gynaek 90:1767-74, 28 Dec 68 (Ger)
ADOLESCENCE/ ADULT/ AGED/ *CANDIDA, isolation & purification/ CHILD/ CHILD, PRESCHOOL/ COLPOSCOPY/ *CRYPTOCOCCUS, isolation & purification/ CZECHOSLOVAKIA/ DIABETES MELLITUS, complications/ DIAGNOSIS, DIFFERENTIAL/ ESTROGENS, physiology/ FEMALE/ HUMAN/ HYPOTHYROIDISM, complications/ INFANT/ INFANT, NEWBORN/ MIDDLE AGE/ MYCOSES, complications/ *MYCOSES, diagnosis/ PREGNANCY/ PREGNANCY COMPLICATIONS, INFECTIOUS/ *SACCHAROMYCES, isolation & purification/ STATISTICS/ *TRICHOMONAS, isolation & purification/ TRICHOMONAS VAGINITIS, complications/ *VAGINA, microbiology/ VAGINAL DISEASES, complications/ *VAGINAL DISEASES, diagnosis/ VAGINAL SMEARS

3610. **Vessey MP:** Oral contraceptives and thromboembolic disease. Amer Heart J 78:285-6, Aug 69
ANIMAL EXPERIMENTS/ BLOOD COAGULATION DISORDERS, chemically induced/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ FIBRINOLYSIS, drug effects/ HUMAN/ MICE/ *THROMBOEMBOLISM, chemically induced

3611. **Vessey MP, Doll R:** Investigation of relation between use of oral contraceptives and thromboembolic disease. A further report. Brit Med J 2:651-7, 14 Jun 69
ADOLESCENCE/ ADULT/ BODY WEIGHT/ CEREBRAL ARTERY DISEASES, chemically induced/ CEREBRAL EMBOLISM AND THROMBOSIS, chemically induced/ *CONTRACEPTIVES, ORAL, adverse effects/ CORONARY DISEASE, etiology/ FEMALE/ HUMAN/ PULMONARY EMBOLISM, chemically induced/ SMOKING/ *THROMBOEMBOLISM, chemically induced/ THROMBOPHLEBITIS, chemically induced

3612. **Vestergård S:** Kongenit adrenogenitalt syndrom. Et tilfaelde observeret i tilslutning til behandling med Tegretol i svangerskabet.
Ugeskr Laeg 131:1229-31, 26 Jun 69 (Dan)
ADOLESCENCE/ *ADRENOGENITAL SYNDROME, chemically induced/ *ADRENOGENITAL SYNDROME, congenital/ CARBAMAZEPINE, adverse effects/ *DIBENZAZEPINES, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, chemically induced/ PAIN, drug therapy/ PREGNANCY/ TIME FACTORS

3613. **Veylon R:** Les possibilités de la régénération des tissus et des organes chez les vertébrés supérieurs.
Presse Med 77:771-3, 23 Apr 69 (Fre)
ANIMAL EXPERIMENTS/ BONE AND BONES/ BONE AND BONES, surgery/ CELL DIVISION/ DENTAL ENAMEL/ DENTIN/ DOGS/ HUMAN/ MAMMALS/ METHODS/ MYOCARDIAL INFARCT, therapy/ MYOCARDIUM/ NEURONS/ RADIATION EFFECTS/ RATS/ *REGENERATION/ REGENERATION, radiation effects/ RNA, administration & dosage/ SKULL/ VERTEBRATES/ WOUND HEALING

3614. **Veyrat R:** Physiopathologie de l'hypertension rénovasculaire.
Radiol Clin (Basel) 37:194-208, 1968 (Fre)
ALDOSTERONE, secretion/ ANGIOTENSIN, metabolism/ CREATININE, urine/ HUMAN/ HYPERALDOSTERONISM, etiology/ HYPERTENSION, MALIGNANT, physiopathology/ HYPERTENSION, RENAL, complications/ *HYPERTENSION, RENAL, etiology/ INULIN, urine/ JUXTAGLOMERULAR APPARATUS, metabolism/ KIDNEY FAILURE, CHRONIC, physiopathology/ NATRIURESIS/ NEPHRECTOMY/ *RENAL ARTERY OBSTRUCTION/ RENAL ARTERY OBSTRUCTION, urine/ *RENIN, blood/ SODIUM, metabolism

3615. **Veyrat R, Muller AF, Mach RS:** Les hyperaldostéronismes secondaires.
Presse Med 77:189-90, 1 Feb 69 (Fre)
ALDOSTERONE, blood/ ALDOSTERONE, urine/ *ANGIOTENSIN, secretion/ HEART FAILURE, CONGESTIVE, complications/ HYPERALDOSTERONISM, etiology/ *HYPERALDOSTERONISM, metabolism/ HYPERKALEMIA, complications/ HYPERTENSION, MALIGNANT, complications/ HYPERTENSION, RENAL, complications/ HYPOKALEMIA, complications/ KIDNEY FAILURE, CHRONIC, complications/ LIVER CIRRHOSIS, complications/ *NOREPINEPHRINE, secretion/ PHEOCHROMOCYTOMA, complications/ *POTASSIUM, biosynthesis/ RENIN, secretion/ STIMULATION, CHEMICAL

3616. **Vích V**: Zur Problematik des Gehirnödems bei Herzerkrankungen im Kindesalter.
Z Aerztl Fortbild (Jena) 62:1082-5, 1 Oct 68 **(Ger)**
ADRENAL CORTEX HORMONES, therapeutic use/ *ARTHRITIS, JUVENILE RHEUMATOID/ BRAIN EDEMA, diagnosis/ BRAIN EDEMA, drug therapy/ *BRAIN EDEMA, etiology/ BRAIN EDEMA, prevention & control/ CHILD/ CHILD, PRESCHOOL/ ELECTROCARDIOGRAPHY/ FEMALE/ GLUCOSE, therapeutic use/ HUMAN/ INFANT/ MALE/ PROCAINE, therapeutic use/ *RHEUMATIC HEART DISEASE, complications/ RHEUMATIC HEART DISEASE, diagnosis/ UREA, therapeutic use

3617. **Vies J van der**: Physical principles underlying the hormonal activity of long-acting preparations.
J Endocr 43:35-6, Jan 69
ANIMAL EXPERIMENTS/ CHEMISTRY, PHYSICAL/ *DELAYED-ACTION PREPARATIONS/ KINETICS/ MODELS, BIOLOGIC/ *NANDROLONE/ OILS/ PLASMA/ *PROGESTATIONAL HORMONES/ SWINE

3618. **Vignola G, Bruni R**: Nanismo liposomico e megaesofago. Descrizione di un caso pediatrico.
Minerva Pediat 21:1004-8, 2 Jun 69 **(Ita)**
CHILD, PRESCHOOL/ *DWARFISM, etiology/ *ESOPHAGUS, abnormalities/ FEMALE/ HUMAN

3619. **Vihert AM, Pozdyunina NM**: Changes in enzyme activity and electrolite content in the myocardium in experimental myocardial hypertrophy and insufficiency.
Virchow Arch [Path Anat] 347:44-56, 1969
ACID PHOSPHATASE, metabolism/ ADENOSINE TRIPHOSPHATASE, metabolism/ ALKALINE PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ CYTOCHROME OXIDASE, metabolism/ *ESTERASES, metabolism/ HEART ENLARGEMENT, enzymology/ *HEART ENLARGEMENT, metabolism/ HEART FAILURE, CONGESTIVE, enzymology/ *HEART FAILURE, CONGESTIVE, metabolism/ HISTOCYTOCHEMISTRY/ HISTOLOGICAL TECHNICS/ *LEUCINE AMINOPEPTIDASE, metabolism/ LIPOAMIDE DEHYDROGENASE, metabolism/ MALATE DEHYDROGENASE, metabolism/ MALE/ MYOCARDIUM, enzymology/ *MYOCARDIUM, metabolism/ NUCLEOTIDASES, metabolism/ *OXIDOREDUCTASES, metabolism/ *POTASSIUM, metabolism/ RATS/ *SODIUM, metabolism/ SUCCINATE DEHYDROGENASE, metabolism

3620. **Vijeyaratnam G**: Neoplasms of the testicles among the Ceylonese. Ceylon Med J 13:193-200, Dec 68
ADOLESCENCE/ ADULT/ AGED/ CEYLON/ CHILD/ CHILD, PRESCHOOL/ *DISGERMINOMA, occurrence/ HUMAN/ INFANT/ MALE/ MIDDLE AGE/ *TERATOID TUMOR, occurrence/ *TESTICULAR NEOPLASMS, occurrence

3621. **Vil'dt MO**: Osobennosti techeniia i otdalennye rezul'taty lecheniia uzelkovogo periarteriita.
Ter Arkh 39:50-2, Mar 67 **(Rus)**
ADULT/ CORTICOTROPIN, therapeutic use/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PERIARTERITIS NODOSA/ PERIARTERITIS NODOSA, diagnosis/ PERIARTERITIS NODOSA, therapy/ PREDNISOLONE, therapeutic use

3622. **Villedieu P**: Les progestatifs de synthèse et leurs inications actuelles. Maroc Med 49:13-8, Jan 69 **(Fre)**
FEMALE/ *GYNECOLOGIC DISEASES, drug therapy/ HUMAN/ PREGNANCY/ *PROGESTERONE, therapeutic use

3623. **Villee DB**: Development of endocrine function in the human placenta and fetus (first of two parts). New Eng J Med 281:473-84, 28 Aug 69 (88 ref.)
ADRENAL GLANDS, embryology/ ADRENAL GLANDS, metabolism/ ADRENAL MEDULLA, embryology/ ADRENAL MEDULLA, metabolism/ ANDROGENS, metabolism/ CELL DIFFERENTIATION/ CHEMISTRY/ *ENDOCRINE GLANDS, embryology/ ESTROGENS, metabolism/ *FETUS, growth & development/ *FETUS, metabolism/ GONADOTROPINS, CHORIONIC, biosynthesis/ HUMAN/ IN VITRO/ LIVER, embryology/ LIVER, metabolism/ *PLACENTA, growth & development/ *PLACENTA, metabolism/ PROGESTATIONAL HORMONES, metabolism/ REVIEW

3624. **Villee DB**: New facets of a chorionic polypeptide--HPL.
New Eng J Med 281:268-9, 31 Jul 69
FEMALE/ HUMAN/ ORGAN WEIGHT/ *PLACENTA, physiology/ *PLACENTAL HORMONES, blood/ PLACENTAL LACTOGEN, blood/ PREGNANCY/ PREGNANCY COMPLICATIONS, blood

3625. **Vingerhoeds AC, Thijssen JH, Kinderen PJ der, et al**: De waarde van enkele steroïdchemische onderzoekingen bij de diagnostiek van het syndroom van Cushing.
Nederl T Geneesk 113:1185-92, 5 Jul 69 **(Dut)**
ADOLESCENCE/ ADRENAL CORTEX HORMONES, urine/ ADULT/ CHILD/ *CUSHING'S SYNDROME, diagnosis/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYDROCORTISONE, urine/ 17-HYDROXYCORTICOSTEROIDS, urine/ MALE/ MIDDLE AGE/ *PITUITARY-ADRENAL FUNCTION TESTS

3626. **Virkki N**: Chromosome relationships in some North American scarabaeoid beetles, with special reference to Pleocoma and Trox.
Canad J Genet Cytol 9:107-25, Mar 67
ANIMAL EXPERIMENTS/ BEETLES, classification/ *BEETLES, cytology/ *CHROMOSOMES/ KARYOTYPING/ MALE/ *MEIOSIS/ NORTH AMERICA/ SEX CHROMOSOMES

3627. **Virtama P, Helelä T, Kalliomäki JL**: Osteoporosis in rheumatoid arthritis. A follow-up study.
Acta Rheum Scand 14:276-84, 1968
ADULT/ ARTHRITIS, RHEUMATOID, complications/ ARTHRITIS, RHEUMATOID, drug therapy/ *ARTHRITIS, RHEUMATOID, radiography/ BIOMECHANICS/ BLOOD SEDIMENTATION/ *FINGERS, radiography/ FOLLOW-UP STUDIES/ HUMAN/ *METACARPUS, radiography/ OSTEOPOROSIS, etiology/ *OSTEOPOROSIS, radiography

3628. **Visconti JA, Smith MC**: Reactions to prescribed drugs.
J Amer Pharm Ass 9:210-4, May 69
ADOLESCENCE/ ADULT/ AGED/ ANTIDEPRESSIVE AGENTS, adverse effects/ ANTI-INFECTIVE AGENTS, adverse effects/ CHILD/ CHILD, PRESCHOOL/ CONTRACEPTIVES, ORAL, adverse effects/ DIURETICS, adverse effects/ *DRUG THERAPY, adverse effects/ HORMONES, adverse effects/ HUMAN/ INFANT/ MIDDLE AGE/ TRANQUILIZING AGENTS, adverse effects

3629. **Vishwakarma SK, Bhatia ML**: Chloroma of the nose.
J Laryng 83:713-6, Jul 69
CHILD/ FEMALE/ FUNDUS OCULI, pathology/ HUMAN/ *LEUKEMIA, MYELOCYTIC, diagnosis/ LEUKEMIA, MYELOCYTIC, drug therapy/ LEUKEMIA, MYELOCYTIC, pathology/ *NOSE NEOPLASMS, diagnosis/ PREDNISOLONE, therapeutic use

3630. **Vîţă A, Turcu T, Brauner E, et al**: Cercetarea funcţiei cortico-suprarenaliene în dizenteria bacilară şi toxiinfecţia alimentară.
Rev Medicochir Iasi 72:835-40, Oct-Dec 68 **(Rum)**
ADOLESCENCE/ *ADRENAL GLANDS, physiopathology/ ADULT/ *DYSENTERY, BACILLARY, physiopathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ 17-KETOSTEROIDS, urine/ MALE/ MIDDLE AGE/ PITUITARY-ADRENAL FUNCTION TESTS/ *SALMONELLA FOOD POISONING, physiopathology

3631. **Vivien-Roels B: Etude structurale et ultrastructurale de l'épiphyse d'un reptile: Pseudemys scripta elegans.**
Z Zellforsch 94:362-90, 1969 (Fre)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ EPITHELIUM/ GOLGI APPARATUS/ HISTOCYTOCHEMISTRY/ HISTOLOGICAL TECHNICS/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ *PINEAL BODY, anatomy & histology/ PINEAL BODY, cytology/ PINEAL BODY, physiology/ *TURTLES, anatomy & histology

3632. **Vizkelety T, Kéry L: Uber den perivasculären Lymphkreislauf des Knochens.**
Anat Anz 124:37-48, 1969 (Ger)
ANIMAL EXPERIMENTS/ *BONE AND BONES, anatomy & histology/ BONE AND BONES, cytology/ FEMORAL VEIN, surgery/ *LYMPHATIC SYSTEM, anatomy & histology/ LYMPHATIC SYSTEM, surgery/ RABBITS/ SILVER NITRATE/ STAINS AND STAINING/ THORACIC DUCT, surgery/ VENAE CAVAE, surgery

3633. **Vizzone A, Calugi A, Lanzone P: L'estriolo indice funzionale dell'unità feto-placentare. I. Biosintesi, metabolismo ed escrezione dell'estriolo nella gravidanza in normale evoluzione.**
Quad Clin Ostet Ginec 22:633-53, Sep 67 (111 ref.) (Ita)
*ESTRIOL, biosynthesis/ *ESTRIOL, metabolism/ ESTRIOL, urine/ FEMALE/ FETAL DEATH/ *FETAL DISEASES, diagnosis/ *FETUS, metabolism/ HUMAN/ *PLACENTA, metabolism/ *PREGNANCY/ REVIEW

3634. **Voaden M, Leeson S: A chalone in the mammalian lens.**
Exp Eye Res 8:231-2, Apr 69
ANIMAL EXPERIMENTS/ DACTINOMYCIN, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ HORMONES, analysis/ *HORMONES, physiology/ IN VITRO/ LENS, CRYSTALLINE, drug effects/ *LENS, CRYSTALLINE, growth & development/ MICE/ *MITOSIS, drug effects/ NOREPINEPHRINE, physiology/ RABBITS

3635. **Vodopivec M: Pastoralmedizinische Anmerkungen zur medizinischen Steuerung der Humanfertilität.**
Praxis 58:84-6, 21 Jan 69 (Ger)
*CATHOLICISM/ CONTRACEPTIVES, ORAL, therapeutic use/ FEMALE/ *FERTILITY/ HUMAN/ PSYCHOPHYSIOLOGIC DISORDERS, drug therapy/ RELIGION AND MEDICINE/ *STERILITY, FEMALE, drug therapy

3636. **Vogel HG: Tierexperimentelle Untersuchungen über synthetische Peptide mit Corticotropinaktivität. A. Vergleich mit dem 3rd Internationalen Standar für Corticotropin.**
Arzneimittelforschung 19:20-4, Jan 69 (Ger)
ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ ASCORBIC ACID, diagnostic use/ COMPARATIVE STUDY/ CORTICOSTERONE, blood/ CORTICOTROPIN, administration & dosage/ CORTICOTROPIN, antagonists & inhibitors/ *CORTICOTROPIN, pharmacodynamics/ CORTICOTROPIN, standards/ DEXAMETHASONE, pharmacodynamics/ GELATIN/ HYPOPHYSECTOMY/ MALE/ METHODS/ MYOCARDIUM, analysis/ PITUITARY GLAND, physiology/ RATS/ TIME FACTORS

3637. **Vogel HG: Tierexperimentelle Untersuchungen über synthetische Peptide mit Corticotropinaktivität. B. Prüfungeiner Depot-Zubereitung von beta 1-23-Corticotropin-23-amid-acetat.**
Arzneimittelforschung 19:25-7, Jan 69 (Ger)
ADRENAL CORTEX HORMONES, blood/ ANIMAL EXPERIMENTS/ ASCORBIC ACID, analysis/ COMPARATIVE STUDY/ CORTICOSTERONE, blood/ *CORTICOTROPIN, pharmacodynamics/ *DELAYED-ACTION PREPARATIONS, pharmacodynamics/ DEXAMETHASONE, pharmacodynamics/ METHODS/ PLASMA SUBSTITUTES/ PROPIOPHENONES/ RATS/ TIME FACTORS

3638. **Vogel M: Lymphoreticuläre Dysgenesie bei Turner-Syndrom (Demonstration)**
Verh Deutsch Ges Path 52:455-8, 1968 (Ger)
CHILD/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LYMPH NODES, pathology/ *LYMPHATIC SYSTEM, abnormalities/ RETICULOENDOTHELIAL SYSTEM, abnormalities/ THYMUS GLAND, pathology/ *TURNER'S SYNDROME, complications

3639. **Vogel P, Aziz O, Haberich FJ: Das Vasopressin-Wasser-Aquivalent unter verschiedenen Ausgangsbedingungen an der wachen Ratte.**
Pflueger Arch 307:R79-80, 1969 (Ger)
ANIMAL EXPERIMENTS/ *DIURESIS/ RATS/ *VASOPRESSIN, physiology/ *WATER

3640. **Volhard J: Die Therapie der akuten Periarthritis humeroscapularis.**
Med Welt 3:188 passim, 20 Jan 68 (Ger)
DIATHERMY/ EXERCISE THERAPY/ HUMAN/ PERIARTHRITIS, drug therapy/ *PERIARTHRITIS, therapy/ *SHOULDER/ *TRIAMCINOLONE, administration & dosage

3641. **Voloschin LM, Tramezzani JH: Two different types of goitrogen blockage: their importance in the neural control of the thyroid gland.**
Acta Physiol Lat Amer 17:234-46, 1967
ANIMAL EXPERIMENTS/ BODY WEIGHT/ *BRAIN, physiology/ EAR, MIDDLE, physiology/ *GOITER, chemically induced/ HYPERTROPHY/ HYPOTHALAMUS, physiology/ MALE/ METHODS/ ORGAN WEIGHT/ RATS/ *THIOURACIL/ *THYROID GLAND, physiology/ THYROTROPIN, secretion

3642. **Von Berswordt-Wallrabe, Steinbeck H, Hahn JD, et al: Prolactin and the ventral prostate gland in juvenile rats.** Experientia 25:533-4, 15 May 69
ANDROGENS, secretion/ ANIMAL EXPERIMENTS/ CASTRATION/ DRUG SYNERGISM/ *GONADOTROPINS, CHORIONIC, pharmacodynamics/ HYPOPHYSECTOMY/ MALE/ ORGAN WEIGHT/ *PROGESTERONE, pharmacodynamics/ *PROLACTIN, pharmacodynamics/ PROSTATE, anatomy & histology/ *PROSTATE, drug effects/ RATS

3643. **Vorisek P, Vondrácek J: Der Mechanismus der postnatalen Veränderungen des Follikelapparates bei intrauterin mit kleinen Dosen bestrahlten Ovarien.**
Strahlentherapie 135:602-9, May 68 (Ger)
AGING/ ANIMAL EXPERIMENTS/ COBALT ISOTOPES/ ENGLISH ABSTRACT/ FEMALE/ GRAAFIAN FOLLICLE, pathology/ *GRAAFIAN FOLLICLE, radiation effects/ *OVARY, radiation effects/ *RADIATION EFFECTS/ RATS

3644. **Vorob'ev AI, Shishkova TV, Medvedeva ZF: Voprosy differentsial'noĭ diagnostiki i terapii klimakterichesko ĭ kardiopatii.**
Kardiologiia 7:78-87, Aug 67 (Rus)
ADULT/ AGED/ AGING/ ANGINA PECTORIS, diagnosis/ ASPARTATE AMINOTRANSFERASE, blood/ BLOOD SEDIMENTATION/ BODY TEMPERATURE/ C-REACTIVE PROTEIN, blood/ *CLIMACTERIC/ CORONARY DISEASE, blood/ CORONARY DISEASE, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ ELECTROCARDIOGRAPHY/ ESTRADIOL, therapeutic use/ FEMALE/ FIBRINOGEN, blood/ HEART DISEASES, blood/ *HEART DISEASES, diagnosis/ *HEART DISEASES, drug therapy/ HUMAN/ LEUKOCYTE COUNT/ MALE/ MENOPAUSE/ METHYLTESTOSTERONE, therapeutic use/ MIDDLE AGE/ MYOCARDIAL INFARCT, diagnosis/ PAIN/ SERUM GLOBULIN/ TESTOSTERONE, therapeutic use

3645. **Vose GP, Hurxthal LM: X-ray density changes in the human heel during bed rest.**
Amer J Roentgen 106:486-90, Jul 69
ADULT/ *BONE AND BONES, radiography/ *DENSITOMETRY, X-RAY/ *HEEL, radiography/ HUMAN/ MALE/ *REST

3646. **Vrettos AS, Papaevangelou DI, Michalas SP: Adenocarcinoma of the ovary complicating**

pregnancy. Int Surg 52:41-3, Jul 69
ADULT/ *CYSTADENOMA, MUCINOUS/ FEMALE/ HUMAN/ *OVARIAN NEOPLASMS/ PREGNANCY/ *PREGNANCY COMPLICATIONS

3647. **Vvedenskaia IS, Voronkov BV:** O patogeneze i lechenii molnienosnykh k kivatel'nykh pripadkov u detei. Zh Nevropat Psikhiat Korsakov 69:587-8, 1969 **(Rus)**
*ADRENAL GLAND HYPOFUNCTION, complications/ ADRENAL GLAND HYPOFUNCTION, drug therapy/ ADRENAL GLAND HYPOFUNCTION, urine/ CHILD/ *CONVULSIONS, drug therapy/ CONVULSIONS, etiology/ CONVULSIONS, urine/ *CORTICOTROPIN, therapeutic use/ HUMAN/ INJECTIONS, INTRAMUSCULAR/ UROPEPSIN, urine

W

3648. **Waaler G:** Retroperitoneal fibrose. Et tilfelle med uvanlig symptomatologi.
Nord Med 81:609-12, 8 May 69 **(Nor)**
AGED/ ANEMIA/ BLOOD SEDIMENTATION/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ FEVER/ HUMAN/ *POLYMYALGIA RHEUMATICA, diagnosis/ PREDNISONE, therapeutic use/ *RETROPERITONEAL FIBROSIS, diagnosis/ RETROPERITONEAL FIBROSIS, pathology/ UROGRAPHY

3649. **Wade AP, Davis JC, Tweedie MC, et al:** Discriminants and breast cancer. Lancet 2:54, 5 Jul 69
*ANDROGENS, secretion/ *BREAST NEOPLASMS, metabolism/ BREAST NEOPLASMS, occurrence/ HUMAN

3650. **Wadman B, Werner I, Dano G, et al:** D-tyroxin vid hyperkolesterolemi--ett försök till kritisk värdering.
Nord Med 81:691-7, 29 May 69 **(Swe)**
ADULT/ AGED/ CHOLESTEROL, blood/ CORONARY DISEASE, complications/ *DEXTROTHYROXINE, administration & dosage/ DEXTROTHYROXINE, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ HYPERCHOLESTEREMIA, complications/ *HYPERCHOLESTEREMIA, drug therapy/ HYPERTHYROIDISM, complications/ LONG TERM CARE/ MALE/ METHODS/ MIDDLE AGE/ TIME FACTORS

3651. **Wadsworth GR:** Neonatal metabolism of calcium and fat. Lancet 1:1319, 28 Jun 69
*CALCIUM, metabolism/ CALCIUM, urine/ FECES, analysis/ FEMALE/ HUMAN/ INFANT, NEWBORN/ INFANT NUTRITION/ *LIPIDS, metabolism/ LIPIDS, urine/ MALE

3652. **Wadsworth JA:** Surgical treatment of optic nerve tumors. Southern Med J 62:871-4, Jul 69
EXOPHTHALMOS, etiology/ *EYE NEOPLASMS, surgery/ *GLIOMA, surgery/ HUMAN/ METHODS/ *OPTIC NERVE

3653. **Wagenhäuser FJ:** Die Behandlung des Periarthritis-humeroscapularis-Syndroms.
Deutsch Med Wschr 94:1579-81, 1 Aug 69 **(Ger)**
ADRENAL CORTEX HORMONES, therapeutic use/ ANALGESICS AND ANTIPYRETICS, therapeutic use/ ANTI-INFLAMMATORY AGENTS, therapeutic use/ COLD/ DIATHERMY/ HUMAN/ JOINT DISEASES, drug therapy/ *JOINT DISEASES, therapy/ PHYSICAL THERAPY/ *SHOULDER JOINT

3654. **Wagner C, Payne NA, Briggs W:** Tryptophan degradation in the developing chick.
Exp Cell Res 55:330-8, Jun 69
*AMIDOHYDROLASES, metabolism/ ANIMALS, NEWBORN, enzymology/ ANIMALS, NEWBORN, metabolism/ *CHICK EMBRYO, enzymology/ CHICK EMBRYO, metabolism/ ENZYME INDUCTION/ HYDROCORTISONE, pharmacodynamics/ KYNURENINE/ LIVER, enzymology/ *TRYPTOPHAN, metabolism/ TRYPTOPHAN, pharmacodynamics/ *TRYPTOPHAN OXYGENASE, metabolism

3655. **Wagner H, Schulz M, Pradel I:** Zur Bestimmung oxydierender Substanzen im biologischen Material mit Hilfe von Eisen-II-ammoniumsulfat/Ammoniumrhodanid.
Radiobiol Radiother (Berlin) 10:201-8, 1969 **(Ger)**
*AMMONIUM COMPOUNDS, diagnostic use/ ANIMAL EXPERIMENTS/ BLOOD, radiation effects/ ENGLISH ABSTRACT/ *IRON, analysis/ METHODS/ *OXIDATION-REDUCTION/ RADIOBIOLOGY/ RATS/ SULFATES, diagnostic use/ THIOCYANATES, diagnostic use

3656. **Wagner JM, Solomon A:** Hyperostosis corticalis infantalis (Caffey's disease).
S Afr Med J 43:754-5, 14 Jun 69
ARM, radiography/ BONE MARROW, radiography/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ *HYPEROSTOSIS, CORTICAL CONGENITAL/ HYPEROSTOSIS, CORTICAL CONGENITAL, complications/ HYPEROSTOSIS, CORTICAL CONGENITAL, drug therapy/ HYPEROSTOSIS, CORTICAL CONGENITAL, etiology/ HYPEROSTOSIS, CORTICAL CONGENITAL, pathology/ HYPEROSTOSIS, CORTICAL CONGENITAL, radiography/ INFANT/ LEG, radiography/ MALE/ NEGROID RACE/ SOUTH AFRICA/ STEROIDS, therapeutic use

3657. **Wagner WC, Hansel W:** Reproductive physiology of the post partum cow. I. Clinical and histological findings.
J Reprod Fertil 18:493-500, Apr 69
ANEMIA, physiopathology/ ANIMAL EXPERIMENTS/ CATTLE/ CORPUS LUTEUM, anatomy & histology/ EPITHELIUM/ ESTRUS/ FEMALE/ *GENITALIA, FEMALE, anatomy & histology/ GRAAFIAN FOLLICLE, anatomy & histology/ LACTATION/ OVARY, anatomy & histology/ OVULATION/ PREGNANCY/ *PUERPERIUM/ SEX BEHAVIOR, ANIMAL/ THYROXINE, pharmacodynamics/ *UTERUS, physiology

3658. **Wagner WC, Saatman R, Hansel W:** Reproductive physiology of the post partum cow. II. Pituitary, adrenal and thyroid function.
J Reprod Fertil 18:501-8, Apr 69
ADRENAL GLANDS, analysis/ ADRENAL GLANDS, anatomy & histology/ *ADRENAL GLANDS, physiology/ ANEMIA, metabolism/ ANIMAL EXPERIMENTS/ CATTLE/ FEMALE/ HYDROCORTISONE, analysis/ LACTATION/ LH, analysis/ PHOSPHORUS ISOTOPES/ PITUITARY GLAND, analysis/ *PITUITARY GLAND, physiology/ PREGNANCY/ PROGESTERONE, analysis/ *PUERPERIUM/ THYROID GLAND, anatomy & histology/ *THYROID GLAND, physiology/ THYROTROPIN, analysis/ THYROXINE, pharmacodynamics

3659. **Wagoner DE:** Presence of male determining factors found on three autosomes in the house fly, Musca domestica. Nature (London) 223:187-8, 12 Jul 69
ANIMAL EXPERIMENTS/ GENOTYPE/ HOUSEFLIES/ MALE/ PHENOTYPE/ *SEX CHROMATIN/ *SEX DETERMINATION

3660. **Wahlberg P, Nyman D:** Turpentine and thrombocytopenic purpura. Lancet 2:215-6, 26 Jul 69
ADOLESCENCE/ CHILD/ ENVIRONMENTAL EXPOSURE/ HUMAN/ MALE/ PREDNISOLONE, therapeutic use/ *PURPURA, THROMBOPENIC, chemically induced/ PURPURA, THROMBOPENIC, drug therapy/ *TURPENTINE/ TURPENTINE, poisoning

3661. **Wahlström G:** The effects of L-triiodothyronine on the self-selected circadian rhythm of rest and activity in the canary. Acta Physiol Scand 75:199-212, Jan-Feb 69
ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ CANARIES/ *CIRCADIAN RHYTHM, drug effects/ REST/ THYROTROPIN, pharmacodynamics/ TRIIODOTHYRONINE, administration & dosage/ *TRIIODOTHYRONINE, pharmacodynamics

3662. **Wajchenberg BL, Leme CE, Kieffer J, et al:** Effect of

dexamethasone on citrate metabolism.
Clin Sci 36:15-24, Feb 69
ADULT/ CALCIUM, blood/ CALCIUM, urine/ CITRATES, blood/ *CITRATES, metabolism/ CITRATES, urine/ CUSHING'S SYNDROME, blood/ CUSHING'S SYNDROME, urine/ *DEXAMETHASONE, pharmacodynamics/ FEMALE/ HUMAN/ MALE/ PARATHYROID DISEASES, blood/ PARATHYROID DISEASES, urine

3663. **Wajchenberg BL, Pereira VG, Kieffer J, et al:** Effect of dexamethasone on calcium metabolism and 47Ca kinetics in normal subjects.
Acta Endocr (Kobenhavn) 61:173-92, May 69
ADOLESCENCE/ ADULT/ BONE RESORPTION, drug effects/ CALCIUM, blood/ *CALCIUM, metabolism/ CALCIUM, urine/ CALCIUM ISOTOPES/ CLINICAL RESEARCH/ *DEXAMETHASONE, pharmacodynamics/ FECES, analysis/ HUMAN/ INTESTINAL ABSORPTION, drug effects/ KIDNEY, drug effects/ KINETICS/ MALE/ MODELS, BIOLOGIC/ STIMULATION, CHEMICAL

3664. **Walczak M, Pawlaczyk B:** Cechy zespołu Turnera u 10-letniego chłopca.
Wiad Lek 22:945-7, 15 May 69 **(Pol)**
CASE REPORT/ CHILD/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *TURNER'S SYNDROME

3665. **Walczak M, Pawlaczyk B, Dorywalska K, et al:** Wrodzony zespół nadnerczowo-płciowy u 15-letniej dziewczynki. Pediat Pol 44:615-8, May 69 **(Pol)**
ADOLESCENCE/ *ADRENOGENITAL SYNDROME, congenital/ FEMALE/ HUMAN

3666. **Wallace C, Fairall N:** Chromosome analysis in the Kruger National Park; a rare translocation chromosome in the Kudu.
S Afr J Med Sci 33:113-8, Dec 68
ANIMAL EXPERIMENTS/ *ARTIODACTYLA/ BONE MARROW CELLS, analysis/ *CHROMOSOME ABERRATIONS, analysis/ *CHROMOSOMES, analysis/ FEMALE/ KARYOTYPING/ MALE/ MEIOSIS/ MITOSIS/ SEX FACTORS/ SOUTH AFRICA/ TESTIS

3667. **Walther G, Schmidt KJ:** Histochemische Verlaufsbeobachtungen der Beta-Hydroxybuttersäuredehydrogenase und unspezifischen Esterase ganzkörperbestrahlter Ratten. Acta Med Acad Sci Hung 25:225-35, 1968 **(Ger)**
ADRENAL GLANDS, enzymology/ ANIMAL EXPERIMENTS/ ESTERASES, metabolism/ *ESTERASES, radiation effects/ HYDROXYBUTYRATE DEHYDROGENASE, metabolism/ *HYDROXYBUTYRATE DEHYDROGENASE, radiation effects/ KIDNEY, enzymology/ LIVER, enzymology/ OVARY, enzymology/ PANCREAS, enzymology/ *RADIATION EFFECTS/ *RADIATION INJURY, EXPERIMENTAL, enzymology/ RATS

3668. **Walton SM:** Sex chromatin in an Australian marsupical Perameles nasuta Geoffroy, 1804.
Experientia 25:535-7, 15 May 69
ANIMAL EXPERIMENTS/ AUSTRALIA/ CORNEA, anatomy & histology/ EPITHELIUM, cytology/ FEMALE/ MALE/ *MARSUPIALIA, cytology/ *SEX CHROMATIN/ SPECIES SPECIFICITY

3669. **Wang DY, Bulbrook RD:** The binding of steroids to plasma proteins in normal women and women with breast cancer. Europ J Cancer 5:247-53, Jun 69
ADULT/ AGED/ ANDROGENS, blood/ *BLOOD PROTEINS, metabolism/ BREAST DISEASES, blood/ *BREAST NEOPLASMS, blood/ ESTROGENS, blood/ FEMALE/ HUMAN/ MIDDLE AGE/ PROTEIN BINDING/ *STEROIDS, blood

3670. **Wanke M, Nagel W:** Degranulierung des exkretorischen Pankreas und autodigestive Pankreatitis.
Verh Deutsch Ges Path 52:311-6, 1968 **(Ger)**
ACUTE DISEASE/ *ADRENAL GLANDS, physiopathology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ AUTOLYSIS/ ENGLISH ABSTRACT/ MALE/ METHODS/ MICROSCOPY, ELECTRON/ NECROSIS/ OILS/ *PANCREAS, enzymology/ PANCREAS, pathology/ PANCREATITIS, chemically induced/ *PANCREATITIS, enzymology/ PANCREATITIS, pathology/ PEPTIDE HYDROLASES, analysis/ RATS/ TIME FACTORS

3671. **Ward JW, Hester RW:** Intracranial self-stimulation in cats surgically deprived of autonomic outflows.
J Comp Physiol Psychol 67:336-43, Mar 69
ANIMAL EXPERIMENTS/ CATS/ CONDITIONING, OPERANT, drug effects/ ELECTRODES/ EXTINCTION (PSYCHOLOGY)/ FEMALE/ *GANGLIA, AUTONOMIC, physiology/ *HYPOTHALAMUS, physiology/ MALE/ METHAMPHETAMINE, pharmacodynamics/ *SELF STIMULATION/ SYMPATHECTOMY/ VAGOTOMY

3672. **Wardle EN, Patton JT:** Bone and joint changes in haemochromatosis. Ann Rheum Dis 28:15-23, Jan 69
AGED/ ANDROGENS, metabolism/ CALCINOSIS, etiology/ CALCINOSIS, radiography/ CALCIUM, metabolism/ DIAGNOSIS, DIFFERENTIAL/ HAND, radiography/ *HEMOCHROMATOSIS, complications/ HEMOCHROMATOSIS, radiography/ HUMAN/ IRON, metabolism/ *JOINT DISEASES, etiology/ MALE/ MIDDLE AGE/ *OSTEOPOROSIS, etiology

3673. **Wardrop C, Hutchison HE:** Red-cell shape in hypothyroidism. Lancet 1:1243, 21 Jun 69
DIAGNOSIS, DIFFERENTIAL/ *ERYTHROCYTES, ABNORMAL/ HUMAN/ *HYPOTHYROIDISM, blood/ HYPOTHYROIDISM, diagnosis/ MYXEDEMA, blood/ MYXEDEMA, diagnosis

3674. **Warnatz H:** Das Phänomen der Lymphocytentransformation in der Pathogenese und Diagnostik von Autoimmunerkrankungen.
Z Ges Exp Med 149:64-90, 8 Jan 69 **(Ger)**
ANIMAL EXPERIMENTS/ *AUTOIMMUNE DISEASES, diagnosis/ ENCEPHALOMYELITIS, ALLERGIC, immunology/ GUINEA PIGS/ HEPATITIS, ANIMAL, immunology/ HUMAN/ JOINT DISEASES, immunology/ LIVER DISEASES, immunology/ LYMPHOCYTE TRANSFORMATION/ *LYMPHOCYTES, immunology/ METHODS/ MICE/ NEPHRITIS, immunology/ RATS/ RECTAL DISEASES, immunology/ THYROIDITIS, immunology/ TISSUE CULTURE

3675. **Warner NE, Reynolds M, Henning CE:** A method for microscopy of the mammary gland in the living mouse.
Med Exp (Basel) 18:151-5, 1968
ANIMAL EXPERIMENTS/ INK/ LACTATION/ *MAMMAE, anatomy & histology/ MAMMAE, blood supply/ METHODS/ MICE/ *MICROSCOPY/ PREGNANCY, ANIMAL/ SILICA/ *TRANSILLUMINATION

3676. **Waseda K:** [Studies on plasma 17-hydroxycorticosteroid levels in normal pregnant women and newborn infants]
Folia Endocr Jap 44:1207-21, 20 Feb 69 **(Jap)**
ADOLESCENCE/ ADULT/ CASTRATION/ CIRCADIAN RHYTHM/ COLORIMETRY/ CORTICOTROPIN, pharmacodynamics/ ESTRADIOL, pharmacodynamics/ FEMALE/ GESTATIONAL AGE/ GONADOTROPINS, EQUINE, pharmacodynamics/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, blood/ *INFANT, NEWBORN/ LABOR/ MENSTRUATION/ MIDDLE AGE/ *PREGNANCY/ SPECTROPHOTOMETRY/ UMBILICAL CORD

3677. **Wassermann F, Yaeger JA:** The matrices of mineralizable tissues. Int Dent J 19:308-43, Jun 69
*AMELOGENESIS/ *BONE AND BONES, anatomy & histology/ *CALCIFICATION, PHYSIOLOGIC/ *CARTILAGE, anatomy & histology/ *CONNECTIVE TISSUE, anatomy & histology/ *DENTAL ENAMEL, anatomy &

histology/ *DENTIN, anatomy & histology/ *DENTINOGENESIS/ HUMAN/ MICROSCOPY, ELECTRON/ *TOOTH CALCIFICATION

3678. **Wassermann GF, Eik-Nes KB:** Interrelation between adrenal function and formation of testosterone in vivo in the testis of the dog.
Acta Endocr (Kobenhavn) 61:33-47, May 69
ADRENAL GLANDS, blood supply/ *ADRENAL GLANDS, secretion/ ANDROSTANES, blood/ ANIMAL EXPERIMENTS/ CASTRATION/ DEHYDROEPIANDROSTERONE, blood/ DOGS/ FEMORAL ARTERY/ FEMORAL VEIN/ 17-KETOSTEROIDS, blood/ MALE/ PROGESTERONE, blood/ TESTIS, blood supply/ *TESTIS, metabolism/ *TESTOSTERONE, biosynthesis/ TESTOSTERONE, blood/ VEINS

3679. **Waters MD, Summer GK:** Prednisolone induction of alkaline phosphatase in human skin fibroblasts.
Biochim Biophys Acta 177:650-2, 6 May 69
*ALKALINE PHOSPHATASE, biosynthesis/ ENZYME INDUCTION/ FEMALE/ FIBROBLASTS, embryology/ *FIBROBLASTS, enzymology/ HUMAN/ IN VITRO/ *PREDNISOLONE, pharmacodynamics/ PREGNANCY/ SKIN, embryology/ *SKIN, enzymology/ STIMULATION, CHEMICAL/ TIME FACTORS/ TISSUE CULTURE

3680. **Watkins JS, Campbell MJ, Gardner-Medwin D, et al:** Two cases of cryptococcal meningitis, one treated with 5-fluorocytosine.
Brit Med J 3:29-31, 5 Jul 69
ADOLESCENCE/ AMPHOTERICIN B, therapeutic use/ CRYPTOCOCCOSIS, complications/ CRYPTOCOCCOSIS, diagnosis/ *CRYPTOCOCCOSIS, drug therapy/ *CYTOSINE, therapeutic use/ FEMALE/ FLUORIDES, therapeutic use/ HUMAN/ MALE/ *MENINGITIS, drug therapy/ *MENINGITIS, etiology/ MIDDLE AGE/ PREDNISONE, adverse effects

3681. **Watson PG:** An instrument for measuring ocular displacement: the ocular topometer.
Trans Ophthal Soc UK 87:409-30, 1967
*EXOPHTHALMOS, diagnosis/ EXOPHTHALMOS, etiology/ FACIAL BONES, injuries/ HEMATOMA, diagnosis/ HUMAN/ HYPERTHYROIDISM, diagnosis/ METHODS/ *OPHTHALMOLOGY, instrumentation/ ORBIT, injuries/ ORBITAL NEOPLASMS, diagnosis/ PHOTOGRAPHY/ PUPIL

3682. **Watson RR, Weisel W, O'Connor TM:** Thymic neoplasm: a surgical enigma.
CA 19:146-53, May-Jun 69
ADOLESCENCE/ ADULT/ AGED/ BIOPSY/ CHILD/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *THYMOMA, pathology/ THYMOMA, radiography/ *THYMUS NEOPLASMS, pathology/ THYMUS NEOPLASMS, radiography

3683. **Waugh WH, Kubo T:** Renal substrates and effect of lipokinetic arylamines on third-factor sodium excretion.
Amer J Physiol 217:267-76, Jul 69
ANIMAL EXPERIMENTS/ CITRATES, blood/ DESOXYCORTICOSTERONE, pharmacodynamics/ *DICHLOROISOPROTERENOL, pharmacodynamics/ DOGS/ FATTY ACIDS, NONESTERIFIED, blood/ *KIDNEY, physiology/ LACTATES, blood/ *NATRIURESIS, drug effects/ NICOTINIC ACID, pharmacodynamics/ PHENOXYBENZAMINE/ *PRONETHALOL, pharmacodynamics/ PYRUVATES, blood/ SODIUM CHLORIDE, pharmacodynamics/ VASOPRESSIN, pharmacodynamics

3684. **Waugh WH, Kubo T:** Development of an isolated perfused dog kidney with improved function.
Amer J Physiol 217:277-90, Jul 69
ALDOSTERONE, pharmacodynamics/ AMINOHIPPURIC ACID, metabolism/ AMMONIA, blood/ ANIMAL EXPERIMENTS/ BLOOD CHEMICAL ANALYSIS/ BLOOD UREA NITROGEN/ CREATININE, metabolism/ DOGS/ ELECTROLYTES, blood/ GLOMERULAR FILTRATION RATE/ HYDROGEN-ION CONCENTRATION/ KIDNEY, blood supply/ *KIDNEY, physiology/ KIDNEY CONCENTRATING ABILITY/ METHODS/ ORGAN WEIGHT/ *PERFUSION/ PERFUSION, instrumentation/ PHOSPHATES, urine/ REGIONAL BLOOD FLOW/ SODIUM, urine/ TIME FACTORS

3685. **Wawryk R, Samochowiec E:** Ludzka gonadotropina kosmówkowa.
Ginek Pol 40:453-60, 1969 (114 ref.) (Pol)
ENGLISH ABSTRACT/ FEMALE/ *GONADOTROPINS, CHORIONIC/ GONADOTROPINS, CHORIONIC, biosynthesis/ GONADOTROPINS, CHORIONIC, urine/ HUMAN/ OVARIAN NEOPLASMS, urine/ PLACENTA, metabolism/ PREGNANCY/ PREGNANCY COMPLICATIONS, drug therapy/ REVIEW

3686. **Waxman SG, Pappas GD:** Pinocytosis at postsynaptic membranes: electron microscopic evidence.
Brain Res 14:240-4, Jun 69
AMYGDALOID BODY, cytology/ ANIMAL EXPERIMENTS/ CATS/ CEREBRAL CORTEX, cytology/ GENICULATE BODIES, cytology/ HIPPOCAMPUS, cytology/ MICROSCOPY, ELECTRON/ OCULOMOTOR NERVE, cytology/ OLIVARY NUCLEUS, cytology/ *PINOCYTOSIS/ SPINAL CORD, cytology/ *SYNAPSES, cytology

3687. **Wayner MJ, Kahan SA:** Central pathways involved during the salt arousal of drinking.
Ann NY Acad Sci 157:701-22, 15 May 69
ANIMAL EXPERIMENTS/ *CENTRAL NERVOUS SYSTEM, physiology/ *DRINKING BEHAVIOR/ HYPERTONIC SOLUTIONS/ HYPOTHALAMUS, physiology/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, INTRAVENOUS/ INJECTIONS, SUBCUTANEOUS/ METHODS/ NEURAL CONDUCTION/ NEURONS, physiology/ RATS/ REFLEX/ *SODIUM CHLORIDE, pharmacodynamics/ TIME FACTORS

3688. **Weber CW, Reid BL:** Effect of dietary cadmium on mice.
Toxic Appl Pharmacol 14:420-5, May 69
ABSORPTION/ ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ BONE AND BONES, analysis/ CADMIUM, administration & dosage/ *CADMIUM, toxicity/ CITRATES, analysis/ *DIET/ FATS, metabolism/ GLUCOSEPHOSPHATE DEHYDROGENASE, analysis/ KIDNEY, analysis/ KIDNEY, enzymology/ LIVER, enzymology/ MALATE DEHYDROGENASE, analysis/ MICE/ MYOCARDIUM, enzymology/ PHOSPHORUS, metabolism/ PROTEINS, metabolism

3689. **Weber DA, Greenberg EJ, Dimich A, et al:** Kinetics of radionuclides used for bone studies.
J Nucl Med 10:8-17, Jan 69
ANIMAL EXPERIMENTS/ *BONE AND BONES, metabolism/ *BONE NEOPLASMS, diagnosis/ *CALCIUM ISOTOPES, metabolism/ CITRATES/ FEMALE/ *FLUORINE, metabolism/ *GALLIUM, metabolism/ HUMAN/ INJECTIONS, INTRAVENOUS/ KINETICS/ METABOLIC CLEARANCE RATE/ NEOPLASM METASTASIS/ *RADIOISOTOPE SCANNING/ *RADIOISOTOPES, metabolism/ RATS/ *STRONTIUM ISOTOPES, metabolism/ TIBIA, metabolism

3690. **Weber S:** Leberfunktionsstörungen bei Hyperthyreose.
Praxis 57:2-8, 9 Jan 68 (Ger)
ADULT/ AGED/ FEMALE/ HUMAN/ HYPERTHYROIDISM, blood/ *HYPERTHYROIDISM, complications/ *LIVER DISEASES, etiology/ LIVER FUNCTION TESTS/ MALE/ MIDDLE AGE

3691. **Wegener HH:** Zum Auftreten "seniler Plaques" im Praesenium.
Verh Deutsch Ges Path 52:256-60, 1968 (Ger)
ADULT/ AMYGDALOID BODY, pathology/ *BRAIN, pathology/ BRAIN DISEASES, complications/ CARDIOVASCULAR DISEASES,

complications/ CEREBRAL CORTEX, pathology/ DEMENTIA, PRESENILE, pathology/ DIABETES MELLITUS, complications/ ENGLISH ABSTRACT/ FEMALE/ HIPPOCAMPUS, pathology/ HUMAN/ KIDNEY DISEASES, complications/ LIVER CIRRHOSIS, complications/ MALE/ MIDDLE AGE/ NEOPLASMS, complications/ RESPIRATORY TRACT DISEASES, complications

3692. **Wegener K:** Zur Glukokortikoid-Anwendung bei Epilepsie. Med Welt 24:1497-8, 17 Jun 67 (Ger)
ADULT/ CASE REPORT/ *EPILEPSY, drug therapy/ *GLUCOCORTICOIDS, therapeutic use/ HUMAN/ MALE

3693. **Weigle WO, High GJ, Nakamura RM:** The role of mycobacteria and the effect of proteolytic degradation of thyroglobulin on the production of autoimmune thyroiditis.
J Exp Med 130:243-62, 1 Aug 69
ANIMAL EXPERIMENTS/ *ANTIBODY FORMATION/ ANTIBODY FORMATION, drug effects/ *ANTIGENS/ *AUTOIMMUNE DISEASES, etiology/ CATHEPSIN/ CHEMISTRY/ FREUND'S ADJUVANT, pharmacodynamics/ HEMAGGLUTINATION TESTS/ IODINE ISOTOPES/ PEPSIN/ PROTEIN DENATURATION/ RABBITS/ SERUM ALBUMIN, BOVINE/ SPLEEN, enzymology/ SPLEEN, pathology/ *THYROGLOBULIN/ THYROGLOBULIN, analysis/ *THYROIDITIS, etiology/ THYROIDITIS, immunology

3694. **Weigle WO, Nakamura RM:** Perpetuation of autoimmune thyroiditis and production of secondary renal lesions following periodic injections of aqueous preparations of altered thyroglobulin.
Clin Exp Immun 4:645-57, Jun 69
ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ ARSENICALS/ *AUTOIMMUNE DISEASES/ DIAZONIUM COMPOUNDS/ FLUORESCENT ANTIBODY TECHNIC/ *GLOMERULONEPHRITIS, immunology/ IMMUNIZATION/ KIDNEY, pathology/ RABBITS/ SHEEP/ SULFONIC ACIDS/ *THYROGLOBULIN/ THYROID GLAND, pathology/ *THYROIDITIS, immunology

3695. **Weil M, Jacquillat C, Boiron M, et al:** Combination of arabinosyl cytsone, methylglyoxal bis (guanylhydrazone), 6-mercaptopurine and prednisone in the treatment of acute myelocytic leukemia. Europ J Cancer 5:271-5, Jun 69
ADULT/ *ANTINEOPLASTIC AGENTS, therapeutic use/ CHILD/ CLINICAL RESEARCH/ *CYTARABINE, therapeutic use/ DRUG SYNERGISM/ HUMAN/ *LEUKEMIA, MYELOBLASTIC, drug therapy/ *MERCAPTOPURINE, therapeutic use/ *PREDNISONE, therapeutic use

3696. **Weimann G, Dreger G, Adam WE:** Funktionsstörungen der Nebenschilddrüsen nach Radiojodtherapie.
Med Welt 11:706-10, 16 Mar 68 (Ger)
ADULT/ AGED/ FEMALE/ HUMAN/ *IODINE ISOTOPES, adverse effects/ IODINE ISOTOPES, therapeutic use/ MALE/ MIDDLE AGE/ *PARATHYROID DISEASES, chemically induced/ *RADIOTHERAPY, adverse effects/ THYROID DISEASES, radiotherapy

3697. **Weinshelbaum EI, Berne BH, Ferguson DJ:** Effects of reserpine on acid secretion and gastric argentaffine cells. Surg Gynec Obstet 129:300-4, Aug 69
ANIMAL EXPERIMENTS/ *CHROMAFFIN SYSTEM, drug effects/ CHROMAFFIN SYSTEM, secretion/ DOGS/ GASTRIC JUICE, drug effects/ *GASTRIC JUICE, secretion/ GASTRIC MUCOSA, cytology/ *GASTRIC MUCOSA, drug effects/ GASTRIC MUCOSA, secretion/ *HISTAMINE, administration & dosage/ INJECTIONS, INTRAVENOUS/ *RESERPINE, pharmacodynamics

3698. **Weisbecker L, Schemmel K, Sperber K, et al:** Nachweis des Exophthalmus produzierenden Faktors (EPF) bei Hyperthyreosen und seine Sensibilisierung durch Kortikotropin.
Schweiz Med Wschr 99:450-2, 29 Mar 69 (Ger)
ANTIBODIES/ *CORTICOTROPIN, pharmacodynamics/ ENGLISH ABSTRACT/ *EXOPHTHALMOS/ EXOPHTHALMOS PRODUCING SUBSTANCE/ *GOITER, EXOPHTHALMIC, blood/ GOITER, EXOPHTHALMIC, chemically induced/ HEMAGGLUTINATION TESTS/ HUMAN/ THYROGLOBULIN, blood

3699. **Weisburger JH, Pal SR, Yamamoto RS, et al:** Pituitary hormones and the mechanism of induction of liver cancer with N-hydroxy-N-2-fluorenylacetamide.
Israel J Med Sci 4:1223-9, Nov-Dec 68
ANIMAL EXPERIMENTS/ *CARCINOGENS, pharmacodynamics/ CASTRATION/ FEMALE/ GONADS, physiopathology/ *LIVER NEOPLASMS, chemically induced/ *LIVER NEOPLASMS, physiopathology/ MALE/ NEOPLASM TRANSPLANTATION/ *PITUITARY HORMONES, ANTERIOR, physiology/ PITUITARY NEOPLASMS/ RATS

3700. **Weiser P:** Zur Diagnostik und Therapie der primären Amenorrhoe. Med Klin 63:741-8, 10 May 68 (Ger)
ADOLESCENCE/ *AMENORRHEA, diagnosis/ AMENORRHEA, drug therapy/ AMENORRHEA, etiology/ AMENORRHEA, surgery/ *AMENORRHEA, therapy/ CHROMOSOME ABNORMALITIES, complications/ DIAGNOSIS, DIFFERENTIAL/ ENDOCRINE DISEASES, complications/ ESTROGENS, adverse effects/ ESTROGENS, therapeutic use/ FEMALE/ GENITALIA, FEMALE, abnormalities/ HUMAN/ PSYCHOPHYSIOLOGIC DISORDERS, complications

3701. **Weiss B:** Effects of environmental lighting and chronic denervation on the activation of adenyl cyclase of rat pineal gland by norepinephrine and sodium fluoride.
J Pharmacol Exp Ther 168:146-52, Jul 69
*ADENINE NUCLEOTIDES, metabolism/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ ADENOSINE TRIPHOSPHATE, metabolism/ ADENYL CYCLASE, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ DARKNESS/ DENERVATION/ *ENZYMES, metabolism/ *FLUORIDES, pharmacodynamics/ GANGLIA, physiology/ GANGLIA, SPINAL, physiology/ *LIGHT/ *NOREPINEPHRINE, pharmacodynamics/ *PINEAL BODY, enzymology/ RABBITS/ RATS

3702. **Weitgasser H:** Erfahrungen mit dem neuen Lokaltherapeutikum Rifoderm, einer Rifamycin-Prednisolonsalbe.
Wien Med Wschr 118:1107-10, 21 Dec 68 (Ger)
ANTI-INFECTIVE AGENTS, LOCAL, therapeutic use/ FEMALE/ HUMAN/ MALE/ OINTMENTS/ *PREDNISOLONE, TOPICAL, therapeutic use/ *RIFOMYCIN, therapeutic use/ *SKIN DISEASES, INFECTIOUS, drug therapy/ SKIN TESTS/ STAPHYLOCOCCAL INFECTIONS, drug therapy

3703. **Welento J, Szteyn S, Milart Z:** Observations on the stereotaxic configuration of the hypothalamus nuclei in the sheep. Anat Anz 124:1-27, 1969
ANIMAL EXPERIMENTS/ FEMALE/ *HYPOTHALAMUS, anatomy & histology/ METHODS/ *SHEEP, anatomy & histology/ *STEREOTAXIC TECHNICS

3704. **Welfling J:** Le traitement de la sciatique commune.
Sem Hop Paris 45:539-42, 14 Feb 69 (Fre)
ANALGESICS AND ANTIPYRETICS, therapeutic use/ ASPIRIN, therapeutic use/ CHLORMEZANONE, therapeutic use/ DIAGNOSIS, DIFFERENTIAL/ DIAZEPAM, therapeutic use/ ENGLISH ABSTRACT/ EXERCISE THERAPY/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ INTERVERTEBRAL DISK DISPLACEMENT, diagnosis/ MUSCLE RELAXANTS, therapeutic use/ *SCIATICA, classification/ SCIATICA, diagnosis/ *SCIATICA, therapy/ SPONDYLITIS, ANKYLOSING, diagnosis/

SPONDYLOLISTHESIS, diagnosis/
TUBERCULOSIS, SPINAL, diagnosis

3705. **Wellen JJ, Benraad TJ:** Effect of ouabain on corticosterone biosynthesis an on potassium and sodium concentration in calf adrenal tissue in vitro.
Biochim Biophys Acta 183:110-7, 3 Jun 69
ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ CARBON ISOTOPES/ CATTLE/ *CORTICOSTERONE, biosynthesis/ CORTICOSTERONE, isolation & purification/ DEPRESSION, CHEMICAL/ EXTRACELLULAR SPACE/ FLUOROMETRY/ IN VITRO/ INULIN/ *MITOCHONDRIA, metabolism/ *OUABAIN, pharmacodynamics/ *POTASSIUM, metabolism/ SODIUM, metabolism/ TRITIUM

3706. **Wenzel M:** HTO-Bildung aus Tritium-markierten Verbindungen in vivo als Nachweis von Tritium-Inkorporationen.
Arzneimittelforschung 19:648-51, Apr 69 (Ger)
ANIMAL EXPERIMENTS/ ASCITES, metabolism/ ESTRADIOL, metabolism/ FEMALE/ GLUCOSE, urine/ GLYCERIN, metabolism/ HYDROCORTISONE, metabolism/ LACTATES, metabolism/ NEOPLASMS, metabolism/ PREGNANCY/ RATS/ TESTOSTERONE, urine/ THYMIDINE, urine/ *TRITIUM, urine/ URIDINE, metabolism

3707. **Werk EE Jr, Choi Y, Sholiton L, et al:** Interference in the effect of dexamethasone by diphenylhydantoin.
New Eng J Med 281:32-4, 3 Jul 69
CUSHING'S SYNDROME, diagnosis/ *DEXAMETHASONE, antagonists & inhibitors/ DEXAMETHASONE, diagnostic use/ *DIPHENYLHYDANTOIN, pharmacodynamics/ HUMAN/ HYDROCORTISONE, blood/ 17-HYDROXYCORTICOSTEROIDS, urine/ STEIN-LEVENTHAL SYNDROME, diagnosis

3708. **Werle E, Trautschold I, Haendle H, et al:** Physiologic, pharmacologic, and clinicalspects of proteinase inhibitors.
Ann NY Acad Sci 146:464-78, 28 Jun 68
ANIMAL EXPERIMENTS/ CASTRATION/ CATS/ CATTLE/ DOGS/ GUINEA PIGS/ HAMSTERS/ HUMAN/ KALLIKREIN-TRYPSIN INACTIVATOR, analysis/ KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ KALLIKREIN-TRYPSIN INACTIVATOR, urine/ LIVER, analysis/ LUNG, analysis/ MALE/ MICE/ PANCREAS, analysis/ PANCREAS, enzymology/ PANCREAS, secretion/ PANCREATIC JUICE, analysis/ RATS/ SEMEN, analysis/ SEMINAL VESICLES, analysis/ SOY BEANS/ SPLEEN, analysis/ SWINE/ TESTOSTERONE, pharmacodynamics/ TRITIUM/ TRYPSIN INHIBITORS, analysis/ *TRYPSIN INHIBITORS, pharmacodynamics/ *TRYPSIN INHIBITORS, physiology/ TRYPSINOGEN, analysis

3709. **Werner SC:** Classification of the eye changes of Grave's disease.
J Clin Endocr 29:982-4, Jul 69
*CORNEA, pathology/ *EXOPHTHALMOS, classification/ *EYE MANIFESTATIONS, classification/ *GOITER, EXOPHTHALMIC, diagnosis/ HUMAN/ NOMENCLATURE, standards/ *OCULOMOTOR MUSCLES, pathology/ *OPTIC NERVE, pathology

3710. **Werner SC:** Classification of thyroid disease. Report of the Committee on Nomenclature. The American Thyroid Association. I.
J Clin Endocr 29:860-2, Jun 69
NOMENCLATURE/ PROSTATIC NEOPLASMS, blood/ PROSTATIC NEOPLASMS, drug therapy/ *PROSTATIC NEOPLASMS, metabolism/ *THYROID DISEASES, classification/ THYROID NEOPLASMS, classification

3711. **Werner T:** Zur Behandlung des Hyperkalzämiesyndroms.
Ther Gegenw 107:31 passim, Jan 68 (Ger)
DIET THERAPY/ EDTA, therapeutic use/ FEMALE/ HUMAN/ HYPERCALCEMIA, drug therapy/ *HYPERCALCEMIA, therapy/ STEROIDS, therapeutic use

3712. **Werning C, Baumann K, Weidmann P, et al:** Die Plasmareninaktivität bei dekompensiertem und nicht-dekompensiertem Diabetes insipidus. Zugleich ein Beitrag zur Regulation der Reninsekretion.
Schweiz Med Wschr 99:661-8, May 69 (Ger)
ADOLESCENCE/ ADULT/ ALDOSTERONE, urine/ CHEMORECEPTORS, physiology/ CRANIOPHARYNGIOMA, complications/ DIABETES INSIPIDUS, blood/ DIABETES INSIPIDUS, etiology/ *DIABETES INSIPIDUS, metabolism/ DIABETES INSIPIDUS, urine/ ELECTROLYTES, blood/ ENGLISH ABSTRACT/ EXTRACELLULAR SPACE/ HUMAN/ MALE/ PHOTOMETRY/ PINEALOMA, complications/ PITUITARY NEOPLASMS, complications/ POTASSIUM, blood/ POTASSIUM, metabolism/ PRESSORECEPTORS, physiology/ RADIOISOTOPE DILUTION TECHNIC/ *RENIN, blood/ RENIN, secretion/ SODIUM, blood/ *SODIUM, metabolism/ WATER, metabolism

3713. **Westfall TC, Osada H:** Influence of adrenalectomy on the synthesis of norepinephrine in the rat heart.
J Pharmacol Exp Ther 167:300-8, Jun 69
*ADRENALECTOMY/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ CARBON ISOTOPES/ DESOXYCORTICOSTERONE, pharmacodynamics/ HEART RATE, drug effects/ HEXAMETHONIUM COMPOUNDS, pharmacodynamics/ HYDROCORTISONE, pharmacodynamics/ HYDROXYLASES, antagonists & inhibitors/ ISOLATION PERFUSION/ MYOCARDIUM, enzymology/ *MYOCARDIUM, metabolism/ *NOREPINEPHRINE, biosynthesis/ *NOREPINEPHRINE, metabolism/ RATS/ TRITIUM/ TYROSINE, antagonists & inhibitors/ TYROSINE, pharmacodynamics

3714. **Westmoreland N, Hoekstra WG:** Pathological defects in the epiphyseal cartilage of zinc-deficient chicks.
J Nutr 98:76-82, May 69
ANIMAL EXPERIMENTS/ *CARTILAGE DISEASES, etiology/ *CHICKENS/ *DEFICIENCY DISEASES, pathology/ DIET/ *EPIPHYSES, pathology/ HISTAMINE, pharmacodynamics/ *HISTAMINE, therapeutic use/ HYPERPLASIA/ INDOMETHACIN, pharmacodynamics/ *INDOMETHACIN, therapeutic use/ INFLAMMATION/ LEG/ MANGANESE/ SYNOVIAL MEMBRANE/ VITAMIN D DEFICIENCY, pathology/ *ZINC

3715. **Wettenhall RE, Schwartz PL, Bornstein J:** Actions of insulin and growth hormone on colagen and chondroitin sulfate synthesis in bone organ cultures.
Diabetes 18:280-4, May 69
ANIMAL EXPERIMENTS/ *BONE AND BONES, metabolism/ BONE DEVELOPMENT/ CARBON ISOTOPES/ CATTLE/ *CHONDROITIN, biosynthesis/ *COLLAGEN, biosynthesis/ *INSULIN, pharmacodynamics/ INSULIN, GLOBIN ZINC, pharmacodynamics/ PROLINE, metabolism/ RATS/ *SOMATOTROPIN, pharmacodynamics/ SULFATES/ SULFUR ISOTOPES/ TIBIA, growth & development/ TIBIA, metabolism/ *TISSUE CULTURE/ TRITIUM

3716. **Whang-Peng J, Freireich EJ, Oppenheim JJ, et al:** Cytogenetic studies in 45 patients with acute lymphocytic leukemia.
J Nat Cancer Inst 42:881-97, Jun 69
ADOLESCENCE/ ADULT/ ANEUPLOIDY, drug effects/ BLOOD CELLS/ *BLOOD CELLS, cytology/ *BONE MARROW CELLS, cytology/ BONE MARROW EXAMINATION/ CHILD/ CHILD, PRESCHOOL/ *CHROMOSOME ABNORMALITIES/ FEMALE/ HUMAN/ INFANT/ KARYOTYPING/ LEUKEMIA, LYMPHOBLASTIC, drug therapy/ *LEUKEMIA, LYMPHOBLASTIC, familial & genetic/ MALE/ MERCAPTOPURINE, therapeutic use/ METHOTREXATE,

therapeutic use/ MIDDLE AGE/ MONGOLISM, complications/ PREDNISONE, therapeutic use/ VINCRISTINE, therapeutic use

3717. **Wheatley IS, Radford HM:** Luteinizing hormone secretion during the oestrous cycle of the ewe as determined by radio-immunoassay.
J Reprod Fertil 19:211-4, Jun 69
ANIMAL EXPERIMENTS/ *ESTRUS/ FEMALE/ HORSES/ IMMUNE SERUMS/ IODINE ISOTOPES/ *LH, secretion/ RADIOIMMUNOASSAY/ SHEEP

3718. **Whiddon TR, Sharkey BJ, Steadman RJ:** Exercise, stress, and blood clotting in men.
Res Quart 40:431-3, May 69
*BLOOD COAGULATION/ CORTICOTROPIN, secretion/ *EXERTION/ HUMAN/ SPORT MEDICINE/ TIME FACTORS

3719. **Whitehouse FW:** Two minutes with diabetes.
Med Times 97:169-70, May 69
ADULT/ *BLOOD SUGAR, analysis/ FEMALE/ *GLUCOSE TOLERANCE TEST/ HUMAN/ MYXEDEMA, blood/ *MYXEDEMA, diagnosis

3720. **Whitfield JF, Perris AD, Youdale T:** The calcium-mediated promotion of mitotic activity in rat thymocyte populations by growth hormone, neurohormones, parathyroid hormone and prolactin.
J Cell Physiol 73:203-11, Jun 69
ANIMAL EXPERIMENTS/ *CALCIUM, pharmacodynamics/ CHONDROITIN, pharmacodynamics/ *MITOSIS, drug effects/ *OXYTOCIN, pharmacodynamics/ *PARATHYROID HORMONE, pharmacodynamics/ *PROLACTIN, pharmacodynamics/ RATS/ *SOMATOTROPIN, pharmacodynamics/ THYMUS GLAND, cytology/ *THYMUS GLAND, drug effects/ TISSUE CULTURE/ *VASOPRESSIN, pharmacodynamics

3721. **Whittingam S, Mackay IR:** Laboratory methods for diagnosis of autoimmune disease.
Med J Aust 1:1200-5, 7 Jun 69
ANTINUCLEAR FACTORS, analysis/ *AUTOANTIBODIES, analysis/ *AUTOIMMUNE DISEASES, diagnosis/ BLOOD SEDIMENTATION/ COBALT ISOTOPES/ COMPLEMENT FIXATION TESTS/ COOMBS' TEST/ FLUORESCENT ANTIBODY TECHNIC/ GAMMA GLOBULIN, analysis/ GEL DIFFUSION TESTS/ HEMAGGLUTINATION TESTS/ HUMAN/ INTRINSIC FACTOR, antagonists & inhibitors/ LATEX FIXATION TESTS/ LE CELLS/ RADIOIMMUNOASSAY/ RHEUMATOID FACTOR, analysis/ THYROGLOBULIN/ VITAMIN B 12, diagnostic use

3722. **Wicki J, Wicki G:** Behandlungsverfahren mit Terracortril Gel in der Allgemeinpraxis.
Praxis 57:842-5, 11 Jun 68 (Ger)
GELS, therapeutic use/ GENERAL PRACTICE/ HUMAN/ *HYDROCORTISONE, TOPICAL, therapeutic use/ *OXYTETRACYCLINE, therapeutic use/ *SKIN, injuries/ *SKIN DISEASES, drug therapy

3723. **Wider JA, Marshall JR, Bardin CW, et al:** Sustained remissions after chemotherapy for primary ovarian cancers containing choriocarcinoma.
New Eng J Med 280:1439-42, 26 Jun 69
ADOLESCENCE/ ADULT/ CHILD/ *CHLORAMBUCIL, administration & dosage/ CHORIOCARCINOMA, complications/ *CHORIOCARCINOMA, drug therapy/ *DACTINOMYCIN, administration & dosage/ DISGERMINOMA, complications/ *DISGERMINOMA, drug therapy/ FEMALE/ GONADOTROPINS, CHORIONIC, urine/ HUMAN/ *METHOTREXATE, administration & dosage/ *OVARIAN NEOPLASMS, drug therapy/ OVARIAN NEOPLASMS, mortality/ OVARIAN NEOPLASMS, surgery/ TERATOID TUMOR, complications/ *TERATOID TUMOR, drug therapy

3724. **Wider JA, Marshall JR, Ross GT:** Familial galactorrhea in three sisters with oligo-ovulation.
JAMA 209:669-71, 4 Aug 69
ADULT/ CLOMIPHENE, diagnostic use/ CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ FSH, blood/ HUMAN/ HYDROCORTISONE, blood/ LACTATION DISORDERS, chemically induced/ LACTATION DISORDERS, complications/ *LACTATION DISORDERS, familial & genetic/ LH, blood/ MENSTRUATION DISORDERS, complications/ *MENSTRUATION DISORDERS, familial & genetic/ *OVULATION/ PITUITARY GLAND FUNCTION TESTS/ RADIOIMMUNOASSAY/ SOMATOTROPIN, blood/ THYROID GLAND FUNCTION TESTS

3725. **Widmaier G:** Zur Ultrastruktur der menschlichen Placentazotten. Arch Gynaek 207:513-27, 1969 (Ger)
ENGLISH ABSTRACT/ FEMALE/ GESTATIONAL AGE/ HUMAN/ MICROSCOPY, ELECTRON/ PINOCYTOSIS/ *PLACENTA, cytology/ PLACENTA, metabolism/ PLACENTA, secretion/ PREGNANCY

3726. **Wieczorek V, Bock R, Kluge H:** Anwendung von Ovulationshemmern bei Epileptikerinnen und psychiatrischen Kranken.
Munchen Med Wschr 111:254-7, 31 Jan 69 (Ger)
*CONTRACEPTIVES, ORAL, therapeutic use/ DEPRESSION, drug therapy/ ENGLISH ABSTRACT/ *EPILEPSY, drug therapy/ EPILEPSY, TEMPORAL LOBE, drug therapy/ FEMALE/ HUMAN/ NEUROSES, OBSESSIVE-COMPULSIVE, drug therapy/ *PSYCHOSES, drug therapy/ SCHIZOPHRENIA, drug therapy

3727. **Wied D de, Witter A, Versteeg DH, et al:** Release of ACTH by substances of central nervous system origin.
Endocrinology 85:561-9, Sep 69
ADRENAL CORTEX HORMONES, biosynthesis/ *AMINO ACIDS, pharmacodynamics/ *ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ ATROPINE, pharmacodynamics/ *CARBACHOL, pharmacodynamics/ CHLORPROMAZINE, pharmacodynamics/ CORTICOSTERONE, blood/ *CORTICOTROPIN, secretion/ CORTICOTROPIN RELEASING FACTOR, isolation & purification/ *CORTICOTROPIN RELEASING FACTOR, pharmacodynamics/ DEXAMETHASONE, pharmacodynamics/ DOPA, pharmacodynamics/ HYPOPHYSECTOMY/ MALE/ MORPHINE, pharmacodynamics/ NOREPINEPHRINE, pharmacodynamics/ PENTOBARBITAL, pharmacodynamics/ PEPTIDES, pharmacodynamics/ PITUITARY-ADRENAL SYSTEM, drug effects/ *PITUITARY GLAND, secretion/ *PROSTAGLANDINS, pharmacodynamics/ RATS/ STIMULATION, CHEMICAL/ *VASOPRESSIN, pharmacodynamics

3728. **Wiedemann HR:** Das EMG-Syndrom: Exomphalos, Makroglossie, Gigantismus und Kohlenhydratstoffwechsel-Störung.
Z Kinderheilk 106:171-85, 1969 (Ger)
CHILD/ DIAGNOSIS, DIFFERENTIAL/ EAR, EXTERNAL, DEFORMITY, complications/ ENGLISH ABSTRACT/ FEMALE/ *GIGANTISM, complications/ HUMAN/ HYPERINSULINISM, complications/ *HYPOGLYCEMIA, complications/ HYPOTHYROIDISM, diagnosis/ INFANT/ INFANT, NEWBORN/ INFANT, PREMATURE, DISEASES, complications/ MALE/ MYXEDEMA, complications/ *PREDIABETIC STATE, complications/ *TONGUE, abnormalities/ *UMBILICAL HERNIA, complications

3729. **Wieland P, Anner G:** Solvolyse von 3,17-Dioxo-19-mesyloxy-delta-4-androsten.
Helv Chim Acta 52:453-9, 1969 (Ger)
*ANDROSTANES/ ANDROSTANES, chem synthesis/ CHEMISTRY/ CHLORIDES/ ENGLISH ABSTRACT

3730. **Wiener JD:** The three-hour conversation ratio: a test for hyperthyroidism.

Acta Endocr (Kobenhavn) 61:151-63, May 69
*AMINO ACIDS, diagnostic use/ HUMAN/ *HYPERTHYROIDISM, diagnosis/ IODIDES, metabolism/ *IODINE, metabolism/ *IODINE ISOTOPES, DIAGNOSTIC/ METABOLIC CLEARANCE RATE/ METHODS/ THYROID GLAND, metabolism/ TIME FACTORS

3731. **Wiener JD, Roos P:** Determination of hormonal radioiodine in serum with a cation exchange resin.
J Nucl Med 9:601-3, Dec 68
AMINO ACIDS, blood/ HUMAN/ HYPERTHYROIDISM, diagnosis/ IODINE ISOTOPES, DIAGNOSTIC, blood/ *ION EXCHANGE RESINS/ METHODS/ *PROTEIN-BOUND IODINE TEST/ *THYROID HORMONES, blood/ THYROXINE, blood/ TRIIODOTHYRONINE, blood

3732. **Wiesiolek J:** Krwotok mózgowy u ciężarnej z guzem chromochłonnym nadnercza.
Wiad Lek 22:853-6, 1 May 69 (Pol)
*ADRENAL GLAND NEOPLASMS, complications/ ADULT/ *CEREBRAL HEMORRHAGE, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *PHEOCHROMOCYTOMA, complications/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR

3733. **Wieth JO:** Effects of bicarbonate and thiocyanate on fluxes of Na and K, and on glucose metabolism of actively transporting human red cells.
Acta Physiol Scand 75:313-29, Mar 69
*BICARBONATES, pharmacodynamics/ *BIOLOGICAL TRANSPORT, ACTIVE/ CELL MEMBRANE PERMEABILITY/ CHLORIDES, metabolism/ *ERYTHROCYTES, metabolism/ *GLUCOSE, metabolism/ GLYCOLYSIS/ HUMAN/ LACTATES, biosynthesis/ OUABAIN, pharmacodynamics/ *POTASSIUM, metabolism/ POTASSIUM ISOTOPES/ *SODIUM, metabolism/ SODIUM ISOTOPES/ *THIOCYANATES, pharmacodynamics/ TIME FACTORS

3734. **Wilcox WD, Fuchs F:** The effect of some local anesthetic compounds on sarcotubular calcium transport. Biochim Biophys Acta 180:210-2, May 69
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ *CALCIUM, metabolism/ *DIBUCAINE, pharmacodynamics/ LIDOCAINE, pharmacodynamics/ MUSCLE CONTRACTION, drug effects/ MUSCLES, cytology/ MUSCLES, drug effects/ *MUSCLES, metabolism/ *PROCAINE, pharmacodynamics/ RABBITS/ *TETRACAINE, pharmacodynamics

3735. **Wild AJ, Schorscher E, Schliep HJ:** Das Zwergschwein als Versuchstier zur Prüfung kreislaufwirksamer Substanzen.
Naunyn Schmiedeberg Arch Pharm Exp Path 260:219, 1968 (Ger)
ANIMAL EXPERIMENTS/ *BIOLOGICAL ASSAY/ *BLOOD CIRCULATION, drug effects/ DWARFISM/ PHARMACOLOGY/ *SWINE

3736. **Wildervanck LS, Goedhard G, Meijer S:** Proximal symphalangism of fingers associated with fusion of os naviculare and talus and occurrence of two accessory bones in the feet (os paranaviculare and os tibiale externum) in an European--Indonesian--Chinese family. Acta Genet (Basel) 17:166-77, 1967
*ABNORMALITIES, MULTIPLE, familial & genetic/ ADOLESCENCE/ ADULT/ *BONE AND BONES, abnormalities/ CAUCASIAN RACE/ EXOSTOSES, familial & genetic/ FEMALE/ *FINGERS, abnormalities/ *FOOT, abnormalities/ FOOT, radiography/ HAND, abnormalities/ HUMAN/ MALE/ MIDDLE AGE/ MONGOLOID RACE/ PEDIGREE/ SYNOSTOSIS, familial & genetic/ *TALUS, abnormalities

3737. **Wiles DM, Suprunchuk T:** Some new thiosemicarbazides, thioureas, and thiosemicarbazones from 4-isothiocyanatobenzenesulfonpiperidide.
J Med Chem 12:528-7, May 69
ANTIFUNGAL AGENTS, pharmacodynamics/ ASPERGILLUS, drug effects/ FUNGI, drug effects/ *SEMICARBAZIDES, chem synthesis/ SEMICARBAZIDES, pharmacodynamics/ *THIOSEMICARBAZONES, chem synthesis/ THIOSEMICARBAZONES, pharmacodynamics/ *THIOUREA, chem synthesis/ THIOUREA, pharmacodynamics

3738. **Wilkinson RH:** Parathyroid adenoma.
Postgrad Med 46:61-3, Jul 69
*ADENOMA, radiography/ ADOLESCENCE/ FEMALE/ HUMAN/ HYPERPARATHYROIDISM, radiography/ *PARATHYROID NEOPLASMS, radiography

3739. **Willard PW:** A model for evaluation of thiazide-induced hypotension. J Pharm Pharmacol 21:406-8, Jun 69
ANIMAL EXPERIMENTS/ *ANTIHYPERTENSIVE AGENTS, pharmacodynamics/ BLOOD PRESSURE, drug effects/ DESOXYCORTICOSTERONE/ DIET/ HYPERTENSION, chemically induced/ *HYPERTENSION, drug therapy/ PLACEBOS/ RATS/ SODIUM CHLORIDE

3740. **Wille T:** Zur Behandlung rheumatischer Erkrankungen mit Delta-Tomanol.
Ther Gegenw 107:1512-4 passim, Nov 68 (Ger)
ADULT/ AGED/ *ANALGESICS AND ANTIPYRETICS, therapeutic use/ *ARTHRITIS, RHEUMATOID, drug therapy/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PHENYLBUTAZONE, therapeutic use/ *PREDNISOLONE, therapeutic use/ *PYRAZOLES, therapeutic use/ *RHEUMATISM, drug therapy/ *SPONDYLITIS, ANKYLOSING, drug therapy

3741. **Williams CR, Brewer DB:** Medullary carcinoma of the thyroid. Brit J Surg 56:437-43, Jun 69
ADULT/ AGED/ *CARCINOMA, pathology/ CARCINOMA, radiotherapy/ CARCINOMA, surgery/ FEMALE/ HUMAN/ LYMPH NODE EXCISION/ MALE/ MEDIASTINAL NEOPLASMS, radiotherapy/ MIDDLE AGE/ NECK NEOPLASMS, radiotherapy/ NEOPLASM METASTASIS/ THYROID GLAND, surgery/ *THYROID NEOPLASMS, pathology/ THYROID NEOPLASMS, radiotherapy/ THYROIDECTOMY

3742. **Williams G, Banerjee R:** Paratesticular tumours.
Brit J Urol 41:332-9, Jun 69
ADOLESCENCE/ ADULT/ AGE FACTORS/ CHILD/ EPIDIDYMIS, pathology/ FIBROSARCOMA, pathology/ HUMAN/ HYDROCELE, complications/ LEIOMYOSARCOMA, pathology/ LYMPHOSARCOMA, pathology/ MALE/ MESOTHELIOMA, pathology/ NEOPLASM METASTASIS/ RHABDOMYOSARCOMA, pathology/ *TESTICULAR NEOPLASMS/ TESTICULAR NEOPLASMS, diagnosis/ TESTICULAR NEOPLASMS, pathology/ TESTICULAR NEOPLASMS, surgery

3743. **Williams GA, Bowser EN, Henderson WJ:** Mode of hypocalcemic action of glucagon in the rat.
Endocrinology 85:538-41, Sep 69
ANIMAL EXPERIMENTS/ BONE RESORPTION, drug effects/ CALCIUM, metabolism/ CALCIUM ISOTOPES/ COMPARATIVE STUDY/ *GLUCAGON/ *HYPOCALCEMIA, chemically induced/ KIDNEY, physiology/ MALE/ PARATHYROID GLANDS, physiology/ RATS/ *THYROCALCITONIN/ THYROID GLAND, physiology

3744. **Williams JA, Hall GS, Thompson AG, et al:** Neurological disease after partial gastrectomy.
Brit Med J 3:210-2, 26 Jul 69
ADULT/ AGED/ ESCHERICHIA COLI, isolation & purification/ FEMALE/ *GASTRECTOMY, adverse effects/ HUMAN/ JEJUNUM, microbiology/ MALE/ MIDDLE AGE/ NEUROLOGIC MANIFESTATIONS/ OSTEOMALACIA, etiology/ PERIPHERAL NERVE DISEASES, etiology/ SPINAL CORD DISEASES, drug therapy/ *SPINAL CORD

DISEASES, etiology/ VITAMIN B 12, therapeutic use/ VITAMIN B 12 DEFICIENCY, drug therapy/ *VITAMIN B 12 DEFICIENCY, etiology

3745. **Williams R, Calne RY, Ansell ID, et al:** Liver transplantation in man--3, Studies of liver function, histology, and immunosuppressive therapy. Brit Med J 3:12-9, 5 Jul 69
ADOLESCENCE/ ADULT/ ANTILYMPHOCYTE SERUM, therapeutic use/ BILIARY FISTULA, surgery/ BILIARY TRACT, abnormalities/ CHILD, PRESCHOOL/ DRAINAGE/ FEMALE/ HEPATOMA, surgery/ HISTOCOMPATIBILITY/ HUMAN/ INFANT/ JAUNDICE, OBSTRUCTIVE, drug therapy/ JAUNDICE, OBSTRUCTIVE, etiology/ JAUNDICE, OBSTRUCTIVE, pathology/ *LIVER, pathology/ *LIVER, physiology/ *LIVER, transplantation/ LIVER CIRRHOSIS, surgery/ LIVER FUNCTION TESTS/ LIVER NEOPLASMS, surgery/ MALE/ MIDDLE AGE/ PNEUMONIA, etiology/ *POSTOPERATIVE COMPLICATIONS/ *PREDNISONE, therapeutic use/ TRANSPLANTATION, HOMOLOGOUS/ TRANSPLANTATION IMMUNOLOGY

3746. **Williamson J, Paterson RW, McGavin DD, et al:** Posterior subcapsular cataracts and glaucoma associated with long-term oral corticosteroid therapy. In patients with rheumatoid arthritis and related conditions. Brit J Ophthal 53:361-72, Jun 69
ADRENAL CORTEX HORMONES, administration & dosage/ *ADRENAL CORTEX HORMONES, adverse effects/ ADULT/ AGED/ *ARTHRITIS, RHEUMATOID, drug therapy/ CALCIUM, blood/ *CATARACT, chemically induced/ FEMALE/ *GLAUCOMA, chemically induced/ HUMAN/ MALE/ MIDDLE AGE/ OSTEOARTHRITIS, drug therapy/ PREDNISOLONE, adverse effects/ UVEITIS, chemically induced

3747. **Willis R:** Asphyxiation: steroid-induced osteoporosis of cervical spine. J Otolaryng Soc Aust 2:86-7, Mar 69
*ADRENAL CORTEX HORMONES, adverse effects/ ADULT/ *ASPHYXIA, etiology/ CASE REPORT/ *CERVICAL VERTEBRAE/ FEMALE/ HUMAN/ *OSTEOPOROSIS, chemically induced/ TRACHEOTOMY

3748. **Wills MR:** The urinary calcium-creatinine ratio as a measure of urinary calcium excretion. J Clin Path 22:287-90, May 69
CALCIUM, blood/ *CALCIUM, urine/ *CREATININE, urine/ DIURESIS/ HUMAN/ HYPERCALCEMIA, urine/ HYPERPARATHYROIDISM, urine

3749. **Wilson EW, King RJ:** In-vitro stimulation of RNA synthesis by oestradiol-17-beta. J Endocr 43:xl-xli, Jan 69
DNA, biosynthesis/ *ENDOMETRIUM, drug effects/ *ESTRADIOL, pharmacodynamics/ FEMALE/ HUMAN/ IN VITRO/ *RNA, biosynthesis/ STIMULATION, CHEMICAL/ TISSUE CULTURE/ TRITIUM/ URIDINE, metabolism

3750. **Wilson WS:** Metabolism of digitalis. Progr Cardiovasc Dis 11:479-87, May 69 (55 ref.)
ABSORPTION/ BIOLOGICAL TRANSPORT/ CHEMISTRY/ DIGITALIS GLYCOSIDES, analysis/ *DIGITALIS GLYCOSIDES, metabolism/ DIGITOXIN, blood/ DIGITOXIN, urine/ DIGOXIN, blood/ DIGOXIN, urine/ HUMAN/ KIDNEY, physiology/ REVIEW/ THYROID GLAND, physiology

3751. **Winand R:** Le myxoedémateux à la consultation d'hématologie. Rev Med Liege 22:405-6, 15 Jul 67 **(Fre)**
*ANEMIA, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ MYXEDEMA, blood/ *MYXEDEMA, diagnosis

3752. **Winckler J:** Zur Lage und Funktion der extramedullären chromaffinen Zellen. Z Zellforsch 96:490-4, 1969 **(Ger)**
ANIMAL EXPERIMENTS/ CELIAC PLEXUS, cytology/ *CHROMAFFIN SYSTEM, cytology/ CHROMAFFIN SYSTEM, physiology/ ENGLISH ABSTRACT/ FORMALDEHYDE/ GELATIN/ GUINEA PIGS/ HISTOLOGICAL TECHNICS/ INK/ *MEDIASTINUM, cytology/ MICROSCOPY, FLUORESCENCE/ RATS/ *RETROPERITONEAL SPACE, cytology

3753. **Winkelmann E, Wagner WH, Hilmer H:** Tuberkulostatisch wirksame N,N'-Diarylthioharnstoffe. 1. Arzneimittelforschung 19:543-58, Apr 69 **(Ger)**
ANIMAL EXPERIMENTS/ *ANTITUBERCULAR AGENTS, therapeutic use/ COMPARATIVE STUDY/ DRUG TOLERANCE/ GUINEA PIGS/ ISONIAZID, therapeutic use/ MICE/ *MYCOBACTERIUM TUBERCULOSIS, drug effects/ PHENYLTHIOUREA, pharmacodynamics/ PHENYLTHIOUREA, therapeutic use/ *THIOUREA, pharmacodynamics/ *TUBERCULOSIS, PULMONARY, drug therapy/ TUBERCULOSIS, PULMONARY, mortality

3754. **Winkler B, Steele R, Altszuler N:** Effects of growth hormone administration on free fatty acid and glycerol turnover in the normal dog. Endocrinology 85:25-30, Jul 69
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ DOGS/ FATTY ACIDS, NONESTERIFIED, blood/ *FATTY ACIDS, NONESTERIFIED, metabolism/ GLYCERIN, blood/ *GLYCERIN, metabolism/ *SOMATOTROPIN, pharmacodynamics/ TRIGLYCERIDES, metabolism

3755. **Winkler K:** Die Antiandrogene in der Dermatologie. (Gravimetrische Fettbestimmungen während Cyproteronanwendung) Arch Klin Exp Derm 233:296-308, 1968 **(Ger)**
ACNE, drug therapy/ ADOLESCENCE/ ADULT/ ALOPECIA, drug therapy/ *ANDROGENS, antagonists & inhibitors/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ FEMALE/ HIRSUTISM, drug therapy/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, therapeutic use/ MALE/ *PROGESTATIONAL HORMONES, therapeutic use/ SEBACEOUS GLANDS, drug effects/ SEBORRHEA, drug therapy/ *SEBUM, secretion/ *SKIN APPENDAGE DISEASES, drug therapy

3756. **Winstanley J:** Glaucoma. Practitioner 202:751-8, Jun 69
ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ AGED/ AQUEOUS HUMOR, drug effects/ EPINEPHRINE, therapeutic use/ *GLAUCOMA/ GLAUCOMA, complications/ GLAUCOMA, drug therapy/ HUMAN/ MIDDLE AGE/ PILOCARPINE, therapeutic use

3757. **Winterhoff H:** Vorversuche über Veränderungen an Zellen und Chromosomen in Kulturen von Zellen menschlicher Gewebe und von Affennieren nach Behandlung mit verschiedenen Zusätzen. Med Welt 42:2468-72, 21 Oct 67 **(Ger)**
ANIMAL EXPERIMENTS/ *CHROMOSOMES, drug effects/ *CULTURE MEDIA/ DIETHYLSTILBESTROL, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ FASCIA, cytology/ HUMAN/ IMMUNE SERUMS/ *KIDNEY, cytology/ LACTATES, pharmacodynamics/ *LEUKOCYTES, cytology/ MITOSIS, drug effects/ MONKEYS/ NOREPINEPHRINE, pharmacodynamics/ POLIOVIRUS/ TESTIS, cytology/ *TISSUE CULTURE

3758. **Witiak DT, Whitehouse MW:** Species differences in the albumin binding of 2,4,6-trinitrobenzaldehyde, chlorophenoxyacetic acids, 2-(4'-hydroxybenzeneazo)benzoic acid and some other acidic drugs--the unique behavior of rat plasma albumin. Biochem Pharmacol 18:971-7, May 69
*ACETIC ACIDS, metabolism/ *ALDEHYDES, metabolism/ ANIMAL EXPERIMENTS/ ANTICHOLESTEREMIC AGENTS, pharmacodynamics/ *BENZOATES, metabolism/ CATTLE/ DIALYSIS/ GUINEA PIGS/ INDOLEACETIC ACID, pharmacodynamics/

INDOMETHACIN, metabolism/ INDOMETHACIN, pharmacodynamics/ NICOTINIC ACID, metabolism/ PHENYLBUTAZONE, metabolism/ PROPIONATES, metabolism/ PROTEIN BINDING/ RATS/ *SERUM ALBUMIN, metabolism/ *SPECIES SPECIFICITY/ THYROXINE, pharmacodynamics

3759. **Wittebol P**: The results obtained with a pedicled bone graft according to the method of Judet in the treatment of medial fractures of the femoral neck.
Arch Chir Neerl 21:169-82, 1969
ADULT/ AGED/ *BONE AND BONES, surgery/ FEMALE/ *FEMORAL NECK FRACTURES, surgery/ FEMUR HEAD, blood supply/ *FRACTURE FIXATION/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ PROSTHESIS/ WOUND HEALING

3760. **Wittermann ER, Cherian AG, Radde IC**: Calcitonin content of ultimobranchial body tissue in chicks, pullets, and laying hens.
Canad J Physiol Pharmacol 47:175-80, Feb 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CALCIUM, blood/ CHICKENS/ FEMALE/ HYPERCALCEMIA, metabolism/ HYPOCALCEMIA, metabolism/ MAGNESIUM, blood/ MALE/ ORGAN WEIGHT/ PHOSPHATES, blood/ RATS/ *THYROCALCITONIN, analysis/ THYROCALCITONIN, pharmacodynamics/ *THYROID GLAND, analysis

3761. **Wittkowski W**: Ependymokrinie und Rezeptoren in der Wand des Recessus infundibularis der Maus und ihre Beziehung zum kleinzelligen Hypothalamus.
Z Zellforsch 93:530-46, 1969 **(Ger)**
ANIMAL EXPERIMENTS/ *DIENCEPHALON, cytology/ *HYPOTHALAMUS, cytology/ HYPOTHALAMUS, secretion/ MALE/ *MICE, anatomy & histology/ NERVOUS SYSTEM, cytology/ NEUROHUMORS, secretion/ NEURONS, cytology

3762. **Wojtarowicz E, Mazurek A, Woźniak S**: Wpływ leczenia hormonalnego w przypadku postępującego zaniku tkanki tłuszczowej (lipodystrophia progressiva)
Pediat Pol 44:353-5, Mar 69 **(Pol)**
CHILD/ FEMALE/ HUMAN/ *LIPODYSTROPHY, drug therapy/ *PREDNISONE, therapeutic use

3763. **Wójtowicz S**: Elektromiografia w neuropochodnych i rzekomo neuropochodnych zaburzeniach ruchomości oczu. II. Zaburzenia rzekomo neuropochodne.
Klin Oczna 39:31-5, 1969 **(Pol)**
ADULT/ *DIPLOPIA, diagnosis/ ELECTROMYOGRAPHY/ *EXOPHTHALMOS, diagnosis/ EYE MOVEMENTS/ HUMAN/ HYPERTHYROIDISM, complications/ MALE/ *OCULOMOTOR MUSCLES

3764. **Wolf G, DiCara LV**: Progressive morphologic changes in electrolytic brain lesions.
Exp Neurol 23:529-36, Apr 69
ANIMAL EXPERIMENTS/ *BRAIN INJURY, ACUTE, pathology/ *CAUDATE NUCLEUS, pathology/ ELECTRICITY/ ELECTRODES/ *HYPOTHALAMUS, pathology/ RATS/ TIME FACTORS

3765. **Wolf P, Enlander D, Dalziel J, et al**: Green plasma in blood donors. New Eng J Med 281:205, 24 Jul 69
ADULT/ *BLOOD DONORS/ BLOOD TRANSFUSION/ *CERULOPLASMIN, blood/ COLOR/ *CONTRACEPTIVES, ORAL/ FEMALE/ HUMAN/ *PLASMA/ PREGNANCY

3766. **Wolff J**: Iodide goiter and the pharmacologic effects of excess iodide. Amer J Med 47:101-24, Jul 69 (280 ref.)
ADOLESCENCE/ ADULT/ CHEMISTRY/ CHILD/ FEMALE/ *GOITER, chemically induced/ GOITER, congenital/ GOITER, pathology/ GOITER, ENDEMIC/ GOITER, EXOPHTHALMIC/ HUMAN/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES/ *IODIDES, adverse effects/ IODIDES, pharmacodynamics/ IODINE, secretion/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ MATERNAL-FETAL EXCHANGE/ PERCHLORIC ACIDS/ PREGNANCY/ REVIEW/ THIOCYANATES/ THYROID GLAND, secretion

3767. **Wolff J, Covelli I**: Factors in the iodination of histidine in proteins. Europ J Biochem 9:371-7, Jun 69
ALCOHOL OXIDOREDUCTASES/ ANIMAL EXPERIMENTS/ CATTLE/ CHEMISTRY/ CHYMOTRYPSIN/ GLUTAMATE DEHYDROGENASE/ GUANIDINES/ *HISTIDINE/ HISTIDINE, metabolism/ HYDROGEN-ION CONCENTRATION/ INSULIN/ *IODINE/ IODINE, metabolism/ IODINE ISOTOPES/ IODOPROTEINS/ LACTATE DEHYDROGENASE/ LACTOGLOBULINS/ MALE/ MURAMIDASE/ PHOSPHOGLUCOMUTASE/ *PROTEINS/ RABBITS/ RATS/ RIBONUCLEASE/ SWINE/ THYROGLOBULIN/ THYROID GLAND, metabolism/ TRYPSIN

3768. **Wolff J, Varrone S**: The methyl xanthines--a new class of goitrogens. Endocrinology 85:410-4, Sep 69
ADENOSINE CYCLIC 3',5'-PHOSPHATE, physiology/ *AMINOPHYLLINE/ AMINOPHYLLINE, administration & dosage/ ANIMAL EXPERIMENTS/ BLOOD PROTEINS/ *CAFFEINE/ CAFFEINE, administration & dosage/ DRUG SYNERGISM/ *GOITER, chemically induced/ HYPOPHYSECTOMY/ IN VITRO/ IODINE, blood/ IODINE, metabolism/ MALE/ PROPYLTHIOURACIL, administration & dosage/ PROTEIN BINDING/ RATS/ *THEOBROMINE/ THEOBROMINE, administration & dosage/ *THEOPHYLLINE/ THEOPHYLLINE, administration & dosage/ *THYROID ANTAGONISTS/ THYROID GLAND, drug effects

3769. **Wolff ME, Zanati G**: Thia steroids. I. 2-Thia-A-nor-5-alpha-androstan-17-beta-ol, an active androgen. J Med Chem 12:629-31, Jul 69
*ANDROSTANES, chem synthesis/ ANDROSTANES, pharmacodynamics/ ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ MALE/ ORGAN WEIGHT/ PROSTATE, drug effects/ SEMINAL VESICLES, drug effects/ TESTOSTERONE, pharmacodynamics

3770. **Wong RT, Kasbekar DK, Forte JG**: Effect of thiocyanate and isothiocyanate esters on H+ secretion and microsomal adenosine triphosphatase of bullfrog gastric mucosa.
Proc Soc Exp Biol Med 131:534-8, Jun 69
*ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ *BIOLOGICAL TRANSPORT/ ESTERS/ FROGS/ *GASTRIC JUICE, secretion/ *GASTRIC MUCOSA, drug effects/ *HYDROGEN-ION CONCENTRATION/ METHODS/ *MICROSOMES, enzymology/ *THIOCYANATES, pharmacodynamics

3771. **Woodin AM, Wieneke AA**: The action of phosphonates on the leucocyte in relation to the mode of action of leucocidin. The properties of the potassium pump and the inhibition of chemotaxis.
Brit J Exp Path 50:295-308, Jun 69
ACID PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ *BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ CALCIUM, metabolism/ CELL MEMBRANE, drug effects/ CHEMOTAXIS, drug effects/ *CYTOLOGY/ GLUCURONIDASE, secretion/ IN VITRO/ ISOFLUROPHATE, pharmacodynamics/ *LEUKOCIDIN, pharmacodynamics/ *LEUKOCYTES, drug effects/ LEUKOCYTES, metabolism/ LEUKOCYTES, secretion/ NITROPHENOLS, pharmacodynamics/ PHOSPHATES, biosynthesis/ *PHOSPHONIC ACIDS, pharmacodynamics/ *POTASSIUM, metabolism/ RABBITS/ STIMULATION, CHEMICAL

3772. **Worgan D**: Treatment of otitis externa. Report of a clinical trial. Practitioner 202:817-20, Jun 69
ANTIFUNGAL AGENTS, therapeutic use/ CLINICAL RESEARCH/ HUMAN/

HYDROCORTISONE, therapeutic use/ NEOMYCIN, therapeutic use/ *OTITIS EXTERNA, drug therapy/ PLACEBOS/ POLYMYXIN, therapeutic use/ TRIAMCINOLONE ACETONIDE, therapeutic use

3773. **Wray JB, Schneider AJ:** Skeletal changes after tibial fracture in the rat. J Surg Res 9:433-9, Jul 69
ANIMAL EXPERIMENTS/ BONE AND BONES, metabolism/ *BONE AND BONES, physiopathology/ BONE DEVELOPMENT/ *FRACTURES, physiopathology/ MALE/ RATS/ TIBIAL FRACTURES, complications/ TIBIAL FRACTURES, physiopathology/ WATER, analysis

3774. **Wright AD, Joplin GF:** Skin-fold thickness in normal subjects and in patients with acromegaly and Cushing's syndrome.
Acta Endocr (Kobenhavn) 60:705-11, Apr 69
*ACROMEGALY, diagnosis/ ADOLESCENCE/ ADULT/ AGED/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ *CUSHING'S SYNDROME, diagnosis/ FEMALE/ HAND/ HUMAN/ LATERALITY/ MALE/ MIDDLE AGE/ *SKIN/ SKINFOLD THICKNESS

3775. **Wright JN:** Klinefelter's syndrome.
Proc Mine Med Officers Ass 48:72, Sep-Dec 68
BRONCHITIS, complications/ CASE REPORT/ HEART DISEASES, complications/ HUMAN/ KLINEFELTER'S SYNDROME, complications/ *KLINEFELTER'S SYNDROME, diagnosis/ MALE

3776. **Wysocki J:** Leczenie śpiączki wątrobowej.
Przegl Epidem 23:65-70, 1969 (50 ref.) **(Pol)**
*AMMONIA, antagonists & inhibitors/ ANTIBIOTICS, therapeutic use/ ANTIFIBRINOLYTIC AGENTS, therapeutic use/ DIET THERAPY/ EXCHANGE TRANSFUSION/ HEPATIC COMA, drug therapy/ HEPATIC COMA, etiology/ *HEPATIC COMA, therapy/ HUMAN/ HYPOTHERMIA, INDUCED/ REVIEW/ VASOPRESSIN, therapeutic use/ WATER-ELECTROLYTE BALANCE

Y

3777. **Yaffee HS:** Recalcitrant condyloma acuminatum.
New Eng J Med 281:274, 31 Jul 69
ADOLESCENCE/ ADULT/ CONDYLOMATA ACUMINATA/ CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ *PAPILLOMA/ *VIRUS DISEASES

3778. **Yagawa K:** Histopathological study of thyroiditis--special reference to its classification.
Acta Path Jap 18:491-6, Nov 68
HUMAN/ *THYROIDITIS, classification/ THYROIDITIS, pathology/ THYROIDITIS, LYMPHOMATOUS, pathology

3779. **Yalow RS, Goldsmith SJ, Berson SA:** Influence of physiologic fluctuations in plasma growth hormone on glucose tolerance. Diabetes 18:402-8, Jun 69
ACROMEGALY, blood/ BLOOD SUGAR/ DIABETES MELLITUS, blood/ GLUCOSE, administration & dosage/ *GLUCOSE TOLERANCE TEST/ HUMAN/ HYPOGLYCEMIA, blood/ HYPOPHYSECTOMY/ INSULIN, blood/ INSULIN, secretion/ OBESITY, blood/ PROTEINS, metabolism/ *SOMATOTROPIN, blood/ TIME FACTORS

3780. **Yamada R:** [Adrenal medulla function test]
Jap J Clin Med 27:286-90, Feb 69 (14 ref.) **(Jap)**
ADRENAL MEDULLA, metabolism/ *ADRENAL MEDULLA, physiology/ ADRENAL MEDULLA, secretion/ ANIMAL EXPERIMENTS/ EPINEPHRINE, secretion/ HUMAN/ METHODS/ NOREPINEPHRINE, secretion/ REVIEW

3781. **Yamaguchi M:** [Effect of corticoid on the peripheral leukocytes] Saishin Igaku 24:451-62, 10 Feb 68 **(Jap)**
ADULT/ ALKALINE PHOSPHATASE, blood/ *BETAMETHASONE, pharmacodynamics/ HUMAN/ LEUKOCYTE COUNT/ *LEUKOCYTES, drug effects/ MALE/ NEUTROPHILS, enzymology/ PHAGOCYTOSIS, drug effects

3782. **Yamaji T, Motohashi K, Murakawa S, et al:** Urinary excretion of 6 beta-hydroxycortisol in states of altered thyroid function.
J Clin Endocr 29:801-6, Jun 69
ADULT/ CHROMATOGRAPHY, THIN LAYER/ FEMALE/ HUMAN/ HYDROCORTISONE, metabolism/ *17-HYDROXYCORTICOSTEROIDS, urine/ HYPERTHYROIDISM, therapy/ *HYPERTHYROIDISM, urine/ MALE/ MIDDLE AGE/ MYXEDEMA, therapy/ *MYXEDEMA, urine/ *PREGNANES, urine/ *STEROLS, urine/ TRITIUM

3783. **Yamamoto H:** [Metabolism of 17-alpha-ethynyl-estrenol]
Folia Endocr Jap 44:1309-19, 20 Mar 69 **(Jap)**
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ FEMALE/ PREGNANES, blood/ *PREGNANES, metabolism/ PREGNANES, urine/ *PROGESTATIONAL HORMONES, metabolism/ RABBITS/ SPECTROPHOTOMETRY/ TRITIUM/ ULTRAVIOLET RAYS

3784. **Yamazaki K:** [Metabolism of cholesterol in early stages and its regulation]
Clin Endocr (Tokyo) 17:175-81, Mar 69 **(Jap)**
ANIMAL EXPERIMENTS/ *BILE ACIDS AND SALTS, metabolism/ BILIARY FISTULA, metabolism/ CARBON ISOTOPES/ *CHOLESTEROL, metabolism/ CHROMATOGRAPHY/ ESTROGENS, physiology/ MITOCHONDRIA, LIVER, metabolism/ RATS/ TIME FACTORS

3785. **Yanagimachi R:** In vitro capacitation of hamster spermatozoa by follicular fluid.
J Reprod Fertil 18:275-86, Mar 69
ANIMAL EXPERIMENTS/ *BODY FLUIDS/ CELL MOVEMENT/ EPIDIDYMIS/ FERTILIZATION/ *GRAAFIAN FOLLICLE/ HAMSTERS/ LYSOSOMES/ MALE/ MICE/ OVUM/ RATS/ *SPERMATOZOA

3786. **Yannone ME, Mueller JR, Osborn RH:** Protein binding of progesterone in the peripheral plasma during pregnancy and labor. Steroids 13:773-81, Jun 69
*BLOOD PROTEINS/ DIALYSIS/ FEMALE/ HUMAN/ LABOR/ MENSTRUATION/ PREGNANCY/ PREGNANCY, MULTIPLE/ *PROGESTERONE, blood/ PROTEIN BINDING/ PUERPERIUM/ TIME FACTORS/ TRITIUM/ TWINS/ VEINS

3787. **Yaoi Y:** [Experiment in purifying FSH using anti-HCH serum] J Jap Obstet Gynec Soc 21:163-72, Feb 69 **(Jap)**
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ FEMALE/ *FSH, isolation & purification/ FSH, pharmacodynamics/ *GONADOTROPINS, CHORIONIC/ HUMAN/ IMMUNE SERUMS/ IMMUNOASSAY/ LH, isolation & purification/ MICE

3788. **Yasue H, Nakayashiki H:** [Case of hyponatremia resulting from inappropriate secretion of ADH]
Naika 23:557-60, Mar 69 **(Jap)**
AGED/ BRONCHOPNEUMONIA, complications/ HUMAN/ *HYPONATREMIA, etiology/ MALE/ TUBERCULOSIS, PULMONARY, complications/ *VASOPRESSIN, secretion

3789. **Yatvin MB, Pitot HC:** Effect of the inhibition of RNA synthesis on in vitro ovulation by frog ovaries.
Nature (London) 223:62, 5 Jul 69
ANIMAL EXPERIMENTS/ ANTIMETABOLITES, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ FEMALE/ FROGS/ IN VITRO/ *OVARY, drug effects/ *OVULATION, drug effects/ PROGESTERONE, pharmacodynamics/ *RNA, antagonists & inhibitors

3790. **Ying SY, Meyer RK:** Effect of steroids on

neuropharmacologic blockade of ovulation in pregnant mare's serum (PMS)-primed immature rats. Endocrinology 84:1466-74, Jun 69
ANDROSTANES, pharmacodynamics/ ANDROSTERONE, pharmacodynamics/ ANIMAL EXPERIMENTS/ DEPRESSION, CHEMICAL/ DESOXYCORTICOSTERONE, pharmacodynamics/ ESTRADIOL, pharmacodynamics/ ESTRONE, pharmacodynamics/ FEMALE/ *GONADOTROPINS, EQUINE, pharmacodynamics/ HYDROCORTISONE, pharmacodynamics/ HYDROXYPREGNENOLONE, pharmacodynamics/ HYDROXYPROGESTERONE, pharmacodynamics/ LH, secretion/ MEDROXYPROGESTERONE, pharmacodynamics/ ORGAN WEIGHT/ *OVULATION, drug effects/ *PHENOBARBITAL, pharmacodynamics/ *PROGESTERONE, pharmacodynamics/ RATS

3791. **Yohn DS, Funk CA:** Sex-related resistance in hamsters to adenovirus-12 oncogenesis. IV. Gonadal hormone influences. J Nat Cancer Inst 43:133-9, Jul 69
*ADENOVIRUS, metabolism/ ANIMAL EXPERIMENTS/ CASTRATION/ ESTRADIOL, administration & dosage/ ESTRADIOL, pharmacodynamics/ FEMALE/ HAMSTERS/ MALE/ METHODS/ *NEOPLASMS, EXPERIMENTAL, etiology/ *ONCOGENIC VIRUSES, metabolism/ OVARY/ SEX FACTORS/ *SEX HORMONES/ TESTIS/ TESTOSTERONE, pharmacodynamics

3792. **Yokoo T:** [An experimental study on the influence of vitamin E on the gonad of male albino rats] (Jap)
Acta Urol Jap 15:171-94, Mar 69
ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ *GENITALIA, MALE, drug effects/ HISTOCYTOCHEMISTRY/ *17-KETOSTEROIDS, urine/ LIVER, drug effects/ MALE/ PANTOTHENIC ACID/ RATS/ SPLEEN, drug effects/ TIME FACTORS/ *VITAMIN E, administration & dosage

3793. **Yonezawa S, Azechi H, Nakamura H, et al:** [Studies on distribution of antibiotics in the body. Effect of a proteolytic enzyme (Colonase S) on the absorption of chlortetracycline in chickens and rats] (Jap)
Jap J Antibiot 22:1-7, Feb 69
AMYLASE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BILE, metabolism/ BRAIN, metabolism/ CHICKENS/ CHLORTETRACYCLINE, blood/ *CHLORTETRACYCLINE, metabolism/ CROP, AVIAN, metabolism/ INTESTINAL ABSORPTION, drug effects/ INTESTINES, metabolism/ KIDNEY, metabolism/ LIVER, metabolism/ LUNG, metabolism/ MALE/ MOUTH/ MYOCARDIUM, metabolism/ PANCREAS, metabolism/ PEPTIDE HYDROLASES, administration & dosage/ *PEPTIDE HYDROLASES, pharmacodynamics/ RATS/ RHIZOPUS, enzymology/ TESTIS, metabolism

3794. **Yoshida H:** [Endocrinology] (Jap)
Naika 23:40-6, Jan 69 (25 ref.)
ADRENAL GLANDS, physiology/ ADRENAL MEDULLA, physiology/ ANDROGENS, physiology/ ANGIOTENSIN, physiology/ DIABETES MELLITUS, metabolism/ *ENDOCRINE GLANDS, physiology/ ESTROGENS, physiology/ HUMAN/ INSULIN, secretion/ 17-KETOSTEROIDS, urine/ KIMMELSTIEL-WILSON SYNDROME, metabolism/ LIPIDS, metabolism/ PROSTAGLANDINS, physiology/ RENIN, physiology/ REVIEW/ SOMATOTROPIN, physiology/ THYROXINE-BINDING PROTEIN, analysis

3795. **Yoshida H, Hirose Y:** [Plasma cortisol in children at the time of death] (Jap)
Clin Endocr (Tokyo) 17:168-70, Mar 69
ADOLESCENCE/ ADRENAL GLANDS, physiopathology/ AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ *DEATH/ FEMALE/ HUMAN/ *HYDROCORTISONE, blood/ INFANT/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, blood/ MALE/ STRESS, blood

3796. **Yoshida K, Craig JM:** Further studies on the mechanism of action of the anti-estrogen (U11555A) in the inhibition of pregnancy in the rat.
Fertil Steril 20:674-8, Jul-Aug 69
ANIMAL EXPERIMENTS/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ DECIDUA, growth & development/ *EMBRYO, drug effects/ *ENDOMETRIUM, drug effects/ ENDOMETRIUM, injuries/ *ESTROGENS, antagonists & inhibitors/ FEMALE/ INTRAUTERINE DEVICES/ INTUBATION, GASTROINTESTINAL/ *NIDATION, drug effects/ PREGNANCY/ PSEUDOPREGNANCY, drug effects

3797. **Yoshimi T, Kono T, Lipsett MB:** [Progesterone] (Jap)
Jap J Clin Med 27:369-72, Feb 69
FEMALE/ HUMAN/ MALE/ MENSTRUATION/ METHODS/ *PROGESTERONE, blood/ PROTEIN BINDING/ TRITIUM

3798. **Yoshinaga K, Hawkins RA, Stocker JF:** Estrogen secretion by the rat ovary in vivo during the estrous cycle and pregnancy. Endocrinology 85:103-12, Jul 69
ANIMAL EXPERIMENTS/ BLOOD FLOW VELOCITY/ CARBON ISOTOPES/ ESTRADIOL, pharmacodynamics/ *ESTROGENS, secretion/ *ESTRUS/ FEMALE/ HEMATOCRIT/ OVARY, blood supply/ *OVARY, secretion/ *PREGNANCY, ANIMAL/ PROGESTERONE, pharmacodynamics/ RATS/ SECRETORY RATE/ TRITIUM/ VAGINA, drug effects/ VAGINAL SMEARS/ VEINS

3799. **Yoshinari T, Sakai T, Iida K, et al:** Changes associated with experimental skin calcification. II.Changes of lipid, water content, and minerals during calcium accumulation.
Canad J Physiol Pharmacol 47:505-10, Jun 69
*CALCIFICATION, PHYSIOLOGIC/ *CALCIUM, analysis/ HUMAN/ LEAD, analysis/ LEAD, pharmacodynamics/ *LIPIDS, analysis/ MALE/ *MINERALS, analysis/ PHOSPHORUS, analysis/ RATS/ *SKIN, physiology/ TIME FACTORS/ *WATER, analysis/ XYLENE, pharmacodynamics

3800. **Yoshitoshi Y, Mizukoshi H, Yoshida H, et al:** [Water and electrolyte metabolism in the kidney, with special reference to the third factor] (Jap)
Saishin Igaku 23:2462-74, 10 Dec 68 (69 ref.)
ALDOSTERONE, physiology/ ANGIOTENSIN, physiology/ ANIMAL EXPERIMENTS/ BLOOD CIRCULATION/ DEXAMETHASONE, pharmacodynamics/ DOGS/ DOPAMINE, pharmacodynamics/ ETHACRYNIC ACID, pharmacodynamics/ GLOMERULAR FILTRATION RATE/ HYDROCHLOROTHIAZIDE, pharmacodynamics/ *KIDNEY, physiology/ KIDNEY CONCENTRATING ABILITY/ *KIDNEY TUBULES, physiology/ PENTOBARBITAL, pharmacodynamics/ RATS/ RENIN, physiology/ REVIEW/ *SODIUM, metabolism/ SODIUM, urine/ *WATER-ELECTROLYTE BALANCE

3801. **Yotis W, Waner J:** Antimicrobial properties of testosterone and its intermediates.
Antonie Leeuwenhoek 34:275-86, 1968
ALCALIGENES, drug effects/ *ANDROSTERONE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BACTERIA, drug effects/ BACTERIA, growth & development/ CULTURE MEDIA/ *DEHYDROEPIANDROSTERONE, pharmacodynamics/ DEPRESSION, CHEMICAL/ ERYTHEMA, prevention & control/ ESCHERICHIA COLI, drug effects/ LISTERIA MONOCYTOGENES, drug effects/ MALE/ MANOMETRY/ OXIDATION-REDUCTION/ PYRUVATES, metabolism/ RABBITS/ SALMONELLA PARATYPHI, drug effects/ STAPHYLOCOCCUS, drug effects/ STREPTOCOCCUS FAECALIS, drug effects/

*TESTOSTERONE, pharmacodynamics/ TOXINS, antagonists & inhibitors

3802. **Youlton R, Kaplan SL, Grumbach MM:** Growth and growth hormone. IV. Limitations of the growth hormone response to insulin and arginine and of the immunoreactive insulin response to arginine in the assessment of growth hormone deficiency in children.
Pediatrics 43:989-1004, Jun 69
ADOLESCENCE/ *ARGININE, diagnostic use/ BLOOD SUGAR, analysis/ CHILD/ CHILD, PRESCHOOL/ DIETHYLSTILBESTROL, diagnostic use/ FEMALE/ *GROWTH/ GROWTH DISORDERS, blood/ GROWTH DISORDERS, diagnosis/ HUMAN/ HYPOGLYCEMIA, chemically induced/ HYPOPITUITARISM, diagnosis/ INFANT/ *INSULIN, diagnostic use/ MALE/ *SOMATOTROPIN, blood/ SOMATOTROPIN, secretion

3803. **Young IS, Beck P, Kupperman HS:** Premature sexual development.
Postgrad Med 45:180-5, Mar 69
*ADRENAL GLAND DISEASES, complications/ *BRAIN DISEASES, complications/ BRAIN NEOPLASMS, complications/ CHILD/ FEMALE/ HUMAN/ *HYPOTHALAMUS/ MALE/ *OVARIAN NEOPLASMS, complications/ *PUBERTY, PRECOCIOUS, etiology/ *TESTICULAR NEOPLASMS, complications

3804. **Young RC, Vogel CL, De Vita VT:** Lobar pneumonia due to aspergillus fumigatus.
Rev Franc Etud Clin Biol 14:169-74, Feb 69
ADRENAL CORTEX HORMONES, adverse effects/ ADULT/ AGED/ ANEMIA, APLASTIC, complications/ ANTIBIOTICS, ANTIFUNGAL, adverse effects/ ANTINEOPLASTIC AGENTS, adverse effects/ *ASPERGILLOSIS/ ASPERGILLUS, isolation & purification/ BRONCHOSCOPY/ CHILD/ FEMALE/ HEMORRHAGE, complications/ HEMOSIDEROSIS, complications/ HUMAN/ LEUKEMIA, complications/ LEUKOPENIA, complications/ *LUNG DISEASES, FUNGAL/ LYMPHOMA, complications/ LYMPHOSARCOMA, complications/ MALE/ MIDDLE AGE/ NECROSIS/ *PNEUMONIA, LOBAR, etiology/ PULMONARY EMBOLISM, complications/ PULMONARY EMPHYSEMA, complications/ THROMBOSIS, complications

3805. **Yu FL, Feigelson P:** The sequential stimulation of uracil-rich and guanine-rich RNA species during cortisone induction of hepatic enzymes.
Biochem Biophys Res Commun 35:499-504, 22 May 69
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ *CORTISONE, pharmacodynamics/ DNA/ *ENZYME INDUCTION/ GUANINE, metabolism/ LIVER, drug effects/ LIVER, enzymology/ *LIVER, metabolism/ MALE/ RATS/ RIBOSOMES, metabolism/ *RNA, biosynthesis/ *RNA, MESSENGER, biosynthesis/ STIMULATION, CHEMICAL/ TIME FACTORS/ TRITIUM/ TRYPTOPHAN OXYGENASE, biosynthesis/ TYROSINE AMINOTRANSFERASE, biosynthesis/ URACIL/ URIDINE, metabolism

Z

3806. **Zach GA, LaVelle WE, Madden RM:** Factors influencing integrity of the alveolus.
Dent Survey 45:30-4, Aug 69
ALVEOLAR PROCESS, pathology/ BONE RESORPTION, etiology/ JAW DISEASES, etiology/ OSTEITIS FIBROSA CYSTICA, pathology/ OSTEOMALACIA, pathology/ SPECIAL LIST DENTAL

3807. **(Zacherl H), Hussiein H:** In memoriam Hans Zacherl.
Wien Klin Wschr 80:969-70, 27 Dec 68 (Ger)
AUSTRIA/ CURRENT BIOG-OBIT/ ENDOCRINOLOGY, history/ GYNECOLOGY, history/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT./ OBSTETRICS, history

3808. **Zadura J, Roszkowski J, Cąkala S:** Wpływ pinealektomii na ciężar i zmiany histologiczne jąder i nadnerczy kogutów.
Acta Physiol Pol 20:117-24, Jan-Feb 69 (Pol)
*ADRENAL GLANDS, growth & development/ ANIMAL EXPERIMENTS/ CHICKENS/ ENGLISH ABSTRACT/ MALE/ ORGAN WEIGHT/ *PINEAL BODY, physiology/ TESTIS, anatomy & histology/ *TESTIS, growth & development

3809. **Zăgreanu I, Macavei E, Paţiu I:** Probleme de hemodinamică la bolnavi cu hipertiroidism.
Med Intern (Bucur) 20:1469-76, Dec 68 (Rum)
ENGLISH ABSTRACT/ *HEART, physiopathology/ HEART CATHETERIZATION/ HEART FUNCTION TESTS/ *HEMODYNAMICS/ HUMAN/ *HYPERTENSION, etiology/ *HYPERTHYROIDISM, complications/ HYPERTHYROIDISM, physiopathology/ PULMONARY CIRCULATION/ PULSE

3810. **Zaĭrat'iants VB, Kilinskiĭ EL:** K voprosu ob izmeneniiakh serdechnoĭ myshtsy pri bolezni Itsenko-Kushinga.
Kardiologiia 7:126-9, Aug 67 (Rus)
ADOLESCENCE/ ADULT/ CUSHING'S SYNDROME, blood/ CUSHING'S SYNDROME, complications/ *CUSHING'S SYNDROME, pathology/ CUSHING'S SYNDROME, physiopathology/ ELECTROCARDIOGRAPHY/ FEMALE/ HEART, physiopathology/ HEART ENLARGEMENT, complications/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIUM, pathology/ NECROSIS

3811. **Zajusz K:** Experimentelle Untersuchungen mit stark wirksamen Antirheumatika.
Med Welt 19:1136-8, 10 May 69 (Ger)
*ALUMINUM, pharmacodynamics/ ALUMINUM, therapeutic use/ ANIMAL EXPERIMENTS/ *ARTHRITIS, RHEUMATOID, drug therapy/ BLOOD CELL COUNT/ *BLOOD PLATELETS, drug effects/ *BLOOD PROTEINS, metabolism/ BONE MARROW EXAMINATION/ *DEXAMETHASONE, pharmacodynamics/ DEXAMETHASONE, therapeutic use/ *ERYTHROCYTES, drug effects/ FEMALE/ *GLYCINE, pharmacodynamics/ GLYCINE, therapeutic use/ GUINEA PIGS/ HISTOLOGICAL TECHNICS/ *LEUKOCYTES, drug effects/ MALE/ *PHENYLBUTAZONE, pharmacodynamics/ PHENYLBUTAZONE, therapeutic use/ TABLETS, ENTERIC-COATED/ *THIAMINE, pharmacodynamics/ THIAMINE, therapeutic use/ *VITAMIN B 12, pharmacodynamics/ VITAMIN B 12, therapeutic use

3812. **Zak T, Tarnawski R:** Wczesny efekt podawania hydrokortyzonu i prednisolonu na aktywność transkarbamylazy asparaginianowej (E. C. 2. 1. 3. 2.) w wątrobie szczura.
Endokr Pol 20:217-22, May-Jun 69 (Pol)
ANIMAL EXPERIMENTS/ HYDROCORTISONE, pharmacodynamics/ *LIVER, enzymology/ MALE/ *PREDNISOLONE, pharmacodynamics/ RATS/ *TRANSFERASES, analysis

3813. **Zalar JA Jr, Knode RE, Mir JA:** Lipogranuloma of the penis.
J Urol 102:75-7, Jul 69
ADULT/ *GRANULOMA, etiology/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ LIPIDS/ MALE/ OILS, adverse effects/ *PENILE DISEASES, etiology/ PENILE DISEASES, surgery/ PENILE INDURATION, etiology/ SELF MEDICATION/ *TESTOSTERONE, adverse effects

3814. **Zalewski AA:** Combined effects of testosterone and motor, sensory, or gustatory nerve reinnervation on the regeneration of taste buds.
Exp Neurol 24:285-97, Jun 69
ANIMAL EXPERIMENTS/ CHORDA TYMPANI NERVE, physiology/ *CRANIAL NERVES, physiology/ DENERVATION/ GLOSSOPHARYNGEAL NERVE, surgery/ HYPOGLOSSAL NERVE, physiology/ *NERVE REGENERATION/ RATS/ TASTE BUDS, drug effects/ *TASTE BUDS, physiology/ *TESTOSTERONE, pharmacodynamics/

TONGUE, innervation/ VAGUS NERVE, physiology

3815. **Zaloga K**: Chirurgiczne powikłania leczenia kortykosterydami. Pol Przegl Chir 41:644-9, 1969 **(Pol)**
*ADRENAL CORTEX HORMONES, adverse effects/ ADULT/ AGED/ ENGLISH ABSTRACT/ HEMORRHAGE, GASTROINTESTINAL, chemically induced/ HUMAN/ MIDDLE AGE/ PEPTIC ULCER PERFORATION, chemically induced/ *POSTOPERATIVE COMPLICATIONS, chemically induced/ SHOCK, SURGICAL/ SURGICAL WOUND INFECTION

3816. **Zambrano D**: The arcuate complex of the female rat during the sexual cycle. An electron microscopic study. Z Zellforsch 93:560-70, 1969
ANIMAL EXPERIMENTS/ *ESTRUS/ FEMALE/ GONADOTROPINS, PITUITARY, secretion/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM/ *HYPOTHALAMUS, cytology/ LYSOSOMES/ MICROSCOPY, ELECTRON/ NEURONS, cytology/ *RATS, anatomy & histology

3817. **Zamfirescu I, Dediu S, Istodor N, et al**: Indicoţiile cortizonului în tratamentul septicemiilor stafilococice.
Med Intern (Bucur) 20:1497-504, Dec 68 **(Rum)**
*ANTIBIOTICS, therapeutic use/ *CORTISONE, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ *SEPTICEMIA, drug therapy/ *STAPHYLOCOCCAL INFECTIONS, drug therapy

3818. **Zammarchi E, Pierro U, Testaferrata A, et al**: Bioritmo del cortisolo libero plasmatico in bambini normali della seconda e terza infanzia.
Riv Clin Pediat 80:646-52, Dec 67 **(Ita)**
ADOLESCENCE/ ADRENAL GLANDS, physiology/ AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ *CIRCADIAN RHYTHM/ FEMALE/ HUMAN/ *HYDROCORTISONE, blood/ INFANT/ MALE

3819. **Zammarchi E, Testaferrata A**: Modificazioni indotte dalla terapia ormonale sul tracciato elettroencefalografico dei soggetti ipotiroidei.
Riv Clin Pediat 80:628-37, Dec 67 **(Ita)**
CHILD/ CHILD, PRESCHOOL/ *ELECTROENCEPHALOGRAPHY/ HUMAN/ *HYPOTHYROIDISM, drug therapy/ INFANT/ *THYROID HORMONES, therapeutic use

3820. **Zamotaev IP, Udintsev NA, Astaf'ev DA**: Uroven' 17-oksikortikosteroidov krovi v éksperimente i u bol'nykh pnevmoskleroz om pri vvedenii glutaminovoĭ kisloty.
Pat Fiziol Eksp Ter 11:72-4, May-Jun 67 **(Rus)**
ANIMAL EXPERIMENTS/ *GLUTAMATES, therapeutic use/ GUINEA PIGS/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, blood/ *PITUITARY-ADRENAL SYSTEM, drug effects/ *PULMONARY FIBROSIS, drug therapy

3821. **Zapaśnik-Kobierska MH, Ceglecka-Tomaszewska K, Bujko K, et al**: Etiopatogeneza zwłóknień płuc u dzieci na podstawie własnych spostrzeżeń.
Pediat Pol 44:393-403, Apr 69 **(Pol)**
ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ ANTIBIOTICS, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ MALE/ *PULMONARY FIBROSIS, etiology/ RESPIRATORY TRACT INFECTIONS, complications

3822. **Zapata P, Hess A, Bliss EL, et al**: Chemical, electron microscopic and physiological observations on the role of catecholamines in the carotid body.
Brain Res 14:473-96, Jul 69
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CAROTID BODY, anatomy & histology/ CAROTID BODY, cytology/ CAROTID BODY, drug effects/ *CAROTID BODY, physiology/ CATECHOLAMINES, analysis/ *CATECHOLAMINES, physiology/ CATS/ *CHEMORECEPTORS, drug effects/ DICHLOROISOPROTERENOL, pharmacodynamics/ DOPA, pharmacodynamics/ DOPAMINE, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ IN VITRO/ INJECTIONS, INTRAVENOUS/ METHYLDOPA, pharmacodynamics/ MICROSCOPY, ELECTRON/ NOREPINEPHRINE, pharmacodynamics/ PERIPHERAL NERVES, drug effects/ PERIPHERAL NERVES, physiology/ *PRESSORECEPTORS, drug effects/ RESERPINE, pharmacodynamics/ SYMPATHECTOMY/ TYRAMINE, pharmacodynamics

3823. **Zapol'skaia NA, Smorodintseva GI, Mikhailov VG**: Nekotorye storony povedeniia tsezlia-137.
Radiobiologiia 7:605-8, Jul-Aug 67 **(Rus)**
ANIMAL EXPERIMENTS/ *CESIUM ISOTOPES, metabolism/ *CORTICOTROPIN, pharmacodynamics/ MALE/ RATS

3824. **Zarembski PM, Hodgkinson A**: Some factors influencing the urinary excretion of oxalic acid in man. Clin Chim Acta 25:1-10, Jul 69
ADOLESCENCE/ ADULT/ AMMONIUM CHLORIDE, pharmacodynamics/ BICARBONATES, pharmacodynamics/ CALCIUM, urine/ *CALCIUM, DIETARY, metabolism/ CIRCADIAN RHYTHM/ DIFFUSION/ EDTA, pharmacodynamics/ ETHINYL ESTRADIOL, pharmacodynamics/ FASTING/ GLUTAMATES, pharmacodynamics/ GLYCINE, pharmacodynamics/ HUMAN/ HYPERPARATHYROIDISM, urine/ HYPOPARATHYROIDISM, urine/ *KIDNEY CALCULI, urine/ MAGNESIUM, pharmacodynamics/ MALE/ *OXALATES, urine/ PURINES, pharmacodynamics

3825. **Zaroda RA**: Oxygen flask decomposition of blood serum: application to PBI determination.
Clin Chem 15:555-65, Jul 69
ARSENIC/ AUTOANALYSIS/ CERIUM/ COLORIMETRY/ COMPARATIVE STUDY/ HUMAN/ METHODS/ *OXYGEN/ *PROTEIN-BOUND IODINE TEST

3826. **Zaroni AA**: Auto-imunologia nas doenças da tireóide.
Rev Ass Med Brasil 14:315-20, Dec 68 **(Por)**
ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS/ *AUTOIMMUNE DISEASES/ CATTLE/ HORSES/ HUMAN/ RABBITS/ RATS/ SHEEP/ *THYROID DISEASES, immunology

3827. **Zarrow MX, Clark JH, Denenberg VH**: The onset of the diurnal rhythm in ovarian cholesterol levels in the rat, in relation to the onset of puberty and ovarian and uterine weight changes.
Neuroendocrinology 4:270-7, 1969
ANIMAL EXPERIMENTS/ *CHOLESTEROL, metabolism/ *CIRCADIAN RHYTHM/ FEMALE/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ LIGHT/ *ORGAN WEIGHT/ OVARY, anatomy & histology/ *OVARY, metabolism/ *PUBERTY/ RADIATION EFFECTS/ RATS/ STERILITY, FEMALE, chemically induced/ TESTOSTERONE/ UTERUS, anatomy & histology/ *UTERUS, metabolism

3828. **Zarzycki J, Perty A, Hajac T, et al**: Histochemical studies of the effect of ovarian hormones on the development of mammary glands in the guinea-pig.
Folia Histochem Cytochem (Krakow) 7:3-14, 1969
ANIMAL EXPERIMENTS/ *ESTRADIOL, pharmacodynamics/ FEMALE/ GUINEA PIGS/ HISTOCYTOCHEMISTRY/ *MAMMAE, cytology/ MAMMAE, drug effects/ *PROGESTERONE, pharmacodynamics

3829. **Zasztowt O**: Badania nad zjawiskami bioelektrycznymi błony komórkowej mięśniówki jajowodów.
Ginek Pol 40:371-6, 1969 **(Pol)**
ACETYLCHOLINE, pharmacodynamics/ ENGLISH ABSTRACT/ FALLOPIAN TUBES, drug effects/ *FALLOPIAN TUBES, physiology/ FEMALE/ HISTAMINE, pharmacodynamics/ HUMAN/ *MEMBRANE POTENTIALS, drug effects/ MUSCLE

CONTRACTION, drug effects/ OXYTOCIN, pharmacodynamics/ SEROTONIN, pharmacodynamics/ TISSUE CULTURE

3830. **Zech P, Bouletreau P, Boissel JP:** Activité spécifique de l'aorte mesurée par le sodium radioactif chez le rat uninéphrectomisé en hypertension expérimentale (DOCA + sel)
C R Soc Biol (Paris) 162:1371-5, 8 Feb 69 **(Fre)**
ANIMAL EXPERIMENTS/ *AORTA, metabolism/ BLOOD PRESSURE, drug effects/ BONE AND BONES, metabolism/ *DESOXYCORTICOSTERONE/ DIET/ *HYPERTENSION, metabolism/ NEPHRECTOMY/ RATS/ *SODIUM, metabolism/ *SODIUM CHLORIDE/ SODIUM ISOTOPES/ STIMULATION, CHEMICAL

3831. **Zeilmaker GH:** Milk yield during prolonged lactation in mice; effect of ovariectomy.
J Reprod Fertil 19:361-5, Jul 69
ANIMAL EXPERIMENTS/ *CASTRATION/ FEMALE/ *LACTATION/ MICE/ MILK/ PITUITARY GLAND, transplantation/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS

3832. **Zeilmaker GH:** Effects of prolonged feeding of an ovulation inhibitor (Lyndiol) on ageing of the hypothalamic-ovarian axis and pituitary gland tumorigenesis in rats. J Endocr 43:xxi-xxii, Jan 69
AGING/ ANIMAL EXPERIMENTS/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ ESTRUS, drug effects/ FEMALE/ *HYPOTHALAMUS, drug effects/ LYNESTRENOL, pharmacodynamics/ MESTRANOL, pharmacodynamics/ *OVARY, drug effects/ OVARY, transplantation/ *PITUITARY GLAND, drug effects/ RATS/ TRANSPLANTATION, HOMOLOGOUS/ VAGINAL SMEARS

3833. **Zelawska-Bodakiewicz B, Wszelaki-Lass E, Goebel A, et al:** Przypadek guza chromochłonnego nadnercza u ciężarnej. Wiad Lek 22:951-4, 15 May 69 **(Pol)**
*ADRENAL GLAND NEOPLASMS/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *PHEOCHROMOCYTOMA/ PREGNANCY/ *PREGNANCY COMPLICATIONS

3834. **Zelson J, Dekaban AS:** Biological behavior of lymphocytes in Hunter-Hurler's disease.
Arch Neurol (Chicago) 20:358-61, Apr 69
ADRENAL CORTEX HORMONES, therapeutic use/ AUTOSOME ABNORMALITIES/ *CHONDROITIN, metabolism/ GENES, RECESSIVE/ *HEPARIN, metabolism/ HUMAN/ HYDROXYCHLOROQUINE, therapeutic use/ IN VITRO/ LIPOCHONDRODYSTROPHY, congenital/ LIPOCHONDRODYSTROPHY, diagnosis/ LIPOCHONDRODYSTROPHY, drug therapy/ LIPOCHONDRODYSTROPHY, immunology/ *LIPOCHONDRODYSTROPHY, metabolism/ LIPOCHONDRODYSTROPHY, pathology/ *LYMPHOCYTES, metabolism/ LYMPHOCYTES, pathology/ SEX CHROMOSOMES/ STAINS AND STAINING/ TISSUE CULTURE/ VITAMIN A, therapeutic use

3835. **Zeníšek L, Mohapl M, Hadam I, et al:** Srovnání spolehlivosti některých ukazatelů prognózy hrozícího potratu. Cesk Gynek 34:234-7, Apr 69 **(Cze)**
*ABORTION, THREATENED, diagnosis/ CERVIX UTERI, secretion/ CYTODIAGNOSIS/ ENGLISH ABSTRACT/ FEMALE/ GONADOTROPINS, CHORIONIC, blood/ HUMAN/ METHODS/ PREGNANCY/ PREGNANEDIOL, blood/ PROGNOSIS/ VAGINAL SMEARS/ VITAMIN E, blood

3836. **Zernahle K:** Uber die Häufigkeit der "drumsticks" und "sessile nodules" bei normalen Personen und Patienten mit numerischer X-Chromosomen-Aberration.
Deutsch Gesundh 23:1502-5, 8 Aug 68 **(Ger)**
*CHROMOSOME ABERRATIONS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ *SEX CHROMATIN, analysis

3837. **Zhukov EK:** Tri protsessa, opredeliaiushchie soderzhanie kal'tsiia v apparate sokrashcheniia skeletnoĭ myshtsy.
Fiziol Zh SSSR Sechenov 53:1393-9, Nov 67 **(Rus)**
ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ CALCIUM CHLORIDE/ CELL MEMBRANE PERMEABILITY/ ENGLISH ABSTRACT/ FROGS/ *MUSCLE CONTRACTION/ *MUSCLES, metabolism/ POTASSIUM CHLORIDE/ THIOCYANATES, pharmacodynamics

3838. **Ziccardi JW:** The effect of cortisone on the growth rate of subcutaneously transplanted MT-70 squamous cell carcinoma in C3H-HeJ mice.
J Amer Osteopath Ass 68:1063-5, Jun 69
ANIMAL EXPERIMENTS/ *CARCINOMA, EPIDERMOID, drug therapy/ *CORTISONE, therapeutic use/ MICE/ NEOPLASMS, EXPERIMENTAL, drug therapy

3839. **Ziegler FJ, Rodgers DA, Prentiss RJ:** Psychosocial response to vasectomy.
Arch Gen Psychiat (Chicago) 21:46-54, Jul 69
*ADAPTATION, PSYCHOLOGICAL/ ADULT/ CONSUMER SATISFACTION/ *CONTRACEPTION/ *CONTRACEPTIVES, ORAL/ EJACULATION/ EMOTIONS/ FEMALE/ FRIGIDITY/ HUMAN/ IMPOTENCE/ INTERPERSONAL RELATIONS/ MALE/ PSYCHOLOGICAL TESTS/ *SELF CONCEPT/ *SEX BEHAVIOR/ SOCIOECONOMIC FACTORS/ *VAS DEFERENS, surgery

3840. **Zinelli G, Spreafichi F:** La terapia estroprogestinica in tecnica sequenziale nella "sindrome menopausale".
Ann Ostet Ginec 90:873-95, Dec 68 **(Ita)**
ADULT/ *CHLORMADINONE, therapeutic use/ *ENDOCRINE DISEASES, drug therapy/ *ETHINYL ESTRADIOL, therapeutic use/ FEMALE/ HUMAN/ *MENOPAUSE/ MIDDLE AGE

3841. **Zinneman HH, Levi DF:** Separate autoimmune mechanisms for 7s and 19s globulins in Laennec's cirrhosis.
Arch Intern Med (Chicago) 124:153-9, Aug 69
ADRENAL GLANDS, analysis/ ALCOHOLISM, immunology/ ANTIGEN-ANTIBODY REACTIONS/ AUTOIMMUNE DISEASES/ BLOOD PROTEIN ELECTROPHORESIS/ FLUORESCENT ANTIBODY TECHNIC/ *GAMMA GLOBULIN, 7S, isolation & purification/ *GAMMA GLOBULIN, 19S, isolation & purification/ GEL FILTRATION/ HUMAN/ IMMUNOELECTROPHORESIS/ KIDNEY, analysis/ LIVER, analysis/ *LIVER CIRRHOSIS, immunology/ MACROGLOBULINEMIA, immunology/ MALE/ PANCREAS, analysis/ THYROID GLAND, analysis

3842. **Zlatkina AR, Ter-Grigorova EN:** Belkovyĭ obmen u bol'nykh tireotoksikozom po gistokhimicheskim issledovaniiam biopsiĭ pecheni.
Ter Arkh 39:48-53, Aug 67 **(Rus)**
BIOPSY/ FEMALE/ HISTOCYTOCHEMISTRY/ HUMAN/ *HYPERTHYROIDISM, metabolism/ *LIVER, metabolism/ MALE/ *PROTEINS, metabolism

3843. **Zöllner N:** Paul Fourman, 1921-1968.
Z Ges Exp Med 149:1, 8 Jan 69 **(Ger)**
CURRENT BIOG-OBIT/ ENDOCRINOLOGY, history/ ENGLAND/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT.

3844. **Zoupanos G:** Généralités sur les syndromes paranéoplasiques. Praxis 58:645-8, 20 May 69 **(Fre)**
*BONE DISEASES, etiology/ DIAGNOSIS, DIFFERENTIAL/ *ENDOCRINE DISEASES, etiology/ *HEMATOLOGIC DISEASES, etiology/ HUMAN/ *JOINT DISEASES, etiology/ *METABOLIC DISEASES, etiology/ *NEOPLASMS, complications/ NEOPLASMS, diagnosis/ *NEUROLOGIC MANIFESTATIONS/ *SKIN MANIFESTATIONS/ *VASCULAR DISEASES, etiology

3845. **Zsebök ZB, Baumgartner E, Jánossy G:** Wirkung der

Kortikoide auf das Uberleben der mit supraletalen Dosen bestrahlten Tiere.
Strahlentherapie 135:623-7, May 68 **(Ger)**
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ALDOSTERONE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *CORTISONE, pharmacodynamics/ ENGLISH ABSTRACT/ GLUCOCORTICOIDS, secretion/ MALE/ MINERALOCORTICOIDS, secretion/ RADIATION INJURY, EXPERIMENTAL, mortality/ *RADIATION INJURY, EXPERIMENTAL, prevention & control/ RATS/ SPIRONOLACTONE, pharmacodynamics

3846. **Zsolnai T:** Die antimikrobielle Wirkung von potentiellen Isothiocyanat-Bildnern. 5.
Arzneimittelforschung 19:558-72, Apr 69 **(Ger)**
AEROBACTER AEROGENES, drug effects/ ASPERGILLUS, drug effects/ *BACTERIA, drug effects/ CANDIDA, drug effects/ CYSTEINE/ ENTAMOEBA HISTOLYTICA, drug effects/ EPIDERMOPHYTON, drug effects/ ESCHERICHIA COLI, drug effects/ *FUNGI, drug effects/ *HETEROCYCLIC COMPOUNDS, pharmacodynamics/ MYCOBACTERIUM TUBERCULOSIS, drug effects/ PENICILLIUM, drug effects/ PEPTONES/ PROTEUS, drug effects/ *PROTOZOA, drug effects/ PSEUDOMONAS AERUGINOSA, drug effects/ SACCHAROMYCES, drug effects/ STAPHYLOCOCCUS, drug effects/ *THIAZOLES, pharmacodynamics/ *THIOCYANATES, pharmacodynamics/ THIOGLYCOLATES/ TRICHOMONAS, drug effects/ TRICHOPHYTON, drug effects

3847. **Zubkov BA, Arbuliev MG:** Venografiia pri varikotsele i kriptorkhizme u detei.
Vestn Khir Grekov 102:140-2, Jan 69 **(Rus)**
ADOLESCENCE/ *CRYPTORCHISM, radiography/ CRYPTORCHISM, surgery/ HUMAN/ MALE/ PHLEBOGRAPHY/ *VARICOCELE, radiography/ VARICOCELE, surgery

3848. **Zuccato F, Poggi G, Andreuzzi P:** L'escrezione urinara dei 17-idrossicorticosteroidi nel coniglio sottoposto ad elettrocuzione sperimentale con corrente ad alta tensione. Med Lavoro 59:760-71, Dec 68 **(Ita)**
*ADRENAL GLANDS, physiopathology/ ANIMAL EXPERIMENTS/ *ELECTRIC INJURY, physiopathology/ ENGLISH ABSTRACT/ *17-HYDROXYCORTICOSTEROIDS, urine/ PITUITARY-ADRENAL FUNCTION TESTS/ RABBITS/ *WATER-ELECTROLYTE BALANCE

3849. **Zyngier FR, Milech A:** Bócio amilóide e compressão de esôfago. Comentários sôbre um caso.
Arq Brasil Endocr 17:69-76, Aug 68 **(Por)**
AGED/ *AMYLOIDOSIS, complications/ ESOPHAGEAL DISEASES, diagnosis/ *ESOPHAGEAL DISEASES, etiology/ ESOPHAGOSCOPY/ *GOITER, complications/ HUMAN/ MALE/ THYROID DISEASES, diagnosis

ANONYMOUS

Brit J Clin Pract

3850. A new local treatment for haemorrhoids. A general practitioner clinical trial.
Brit J Clin Pract 23:285-7, 7 Jul 69
ADOLESCENCE/ ADULT/ AGED/ *BETAMETHASONE, therapeutic use/ CHILD/ CLINICAL RESEARCH/ FEMALE/ *HEMORRHOIDS, drug therapy/ HUMAN/ *LIDOCAINE, therapeutic use/ MALE/ MIDDLE AGE/ *PHENYLEPHRINE, therapeutic use

Brit Med J

3851. Hodgkin's disease of the thymus.
Brit Med J 1:713, 21 Jun 69
ADOLESCENCE/ ADULT/ CHILD/ FEMALE/ HODGKIN'S DISEASE, etiology/ *HODGKIN'S DISEASE, pathology/ HUMAN/ MALE/ MIDDLE AGE/ *THYMUS NEOPLASMS, pathology

3852. Corticotrophin and its synthetic analogues.
Brit Med J 2:809-11, 28 Jun 69
ASTHMA, drug therapy/ CORTICOTROPIN, administration & dosage/ CORTICOTROPIN, adverse effects/ CORTICOTROPIN, diagnostic use/ *CORTICOTROPIN, therapeutic use/ DRUG WITHDRAWAL SYMPTOMS/ EDEMA, chemically induced/ FACIAL PARALYSIS, drug therapy/ HUMAN/ HYPERTENSION, chemically induced/ INJECTIONS, SUBCUTANEOUS/ PEPTIDES, therapeutic use/ PITUITARY-ADRENAL FUNCTION TESTS/ WATER-ELECTROLYTE BALANCE

3853. Local corticosteroid injections.
Brit Med J 3:102-4, 12 Jul 69
*ADRENAL CORTEX HORMONES, administration & dosage/ ARTHRITIS, drug therapy/ ELBOW JOINT/ HUMAN/ HYDROCORTISONE, administration & dosage/ *INJECTIONS, INTRA-ARTICULAR/ KNEE JOINT/ METHODS/ PREDNISOLONE, administration & dosage/ SHOULDER JOINT/ TENDINITIS, drug therapy/ TENOSYNOVITIS, drug therapy

3854. Generalized pustular psoriasis.
Brit Med J 3:71-2, 12 Jul 69
ADRENAL CORTEX HORMONES, adverse effects/ HUMAN/ METHOTREXATE, adverse effects/ *PSORIASIS/ PSORIASIS, chemically induced/ PSORIASIS, physiopathology

3855. Diuretics. I--Benzothiadiazines and related drugs.
Brit Med J 3:157-8, 19 Jul 69
*BENZOTHIADIAZINES/ BENZOTHIADIAZINES, administration & dosage/ BENZOTHIADIAZINES, adverse effects/ BENZOTHIADIAZINES, pharmacodynamics/ CALCIUM, metabolism/ CHLOROTHIAZIDE, adverse effects/ DIABETES MELLITUS, chemically induced/ *DIURETICS/ EDEMA, drug therapy/ GOUT, chemically induced/ HUMAN/ HYDROCHLOROTHIAZIDE, adverse effects/ POTASSIUM, blood

3856. Diuretics. II. Other drugs. Brit Med J 3:222-3, 26 Jul 69
DRUG SYNERGISM/ *ETHACRYNIC ACID, administration & dosage/ *FUROSEMIDE, administration & dosage/ HUMAN/ HYPOKALEMIA, prevention & control/ *SPIRONOLACTONE, administration & dosage/ *TRIAMTERENE, administration & dosage

Bull Soc Med Hop Paris

3857. Lucien de Gennes (1892-1968)
Bull Soc Med Hop Paris 119:1034-9, 1968 **(Fre)**
CURRENT BIOG-OBIT/ ENDOCRINOLOGY, history/ FRANCE/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT.

Calif Med

3858. Treatment of incurable endocrine-sensitive cancer.
Calif Med 110:168-70, Feb 69
HORMONES, physiology/ HUMAN/ *NEOPLASMS, therapy

China Med

3859. Hypothalamicohypophyseal portal system in experimental ovarian tumorigenesis.
China Med 3:175-87, Mar 68
*GRANULOSA CELL TUMOR/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM,

physiology/ MICE/ *OVARIAN NEOPLASMS/ *THECA CELL TUMOR

3860. Study and application of Chairman Mao's teachings on wholeheartedly serving the former poor and lower-middle peasants. How our basic medical unit successfully excised an ovarian cyst. China Med 3:154-8, Mar 68
ADOLESCENCE/ FEMALE/ HUMAN/ *OVARIAN CYSTS, surgery

Delaware Med J

3861. CPC Wilmington Medical Center. The case of a 72-year-old woman with hemoptysis, a pulmonary infiltrate, rib destruction, and hypercalcemia. Delaware Med J 41:178-84, Jun 69
AGED/ *BONE NEOPLASMS, pathology/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ *HYPERCALCEMIA, complications/ HYPERPARATHYROIDISM, diagnosis/ NEOPLASM METASTASIS/ PARATHYROID NEOPLASMS, diagnosis/ *PARATHYROID NEOPLASMS, pathology/ RIBS, pathology/ SARCOIDOSIS, diagnosis

Deutsch Med Wschr

3862. Phosphatdiabetes. Deutsch Med Wschr 94:27-8, 25 Jul 69 (Ger)
CALCIUM, metabolism/ DIAGNOSIS, DIFFERENTIAL/ FANCONI SYNDROME, diagnosis/ HUMAN/ HYPOPHOSPHATEMIA, FAMILIAL, diagnosis/ INTESTINAL ABSORPTION/ PHOSPHATES, blood/ PHOSPHATES, urine/ *RICKETS, RENAL, diagnosis

Eye Ear Nose Throat Monthly

3863. Thyroiditis--review and comments. Eye Ear Nose Throat Monthly 47:362-3, Aug 68
ADULT/ AGED/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *THYROIDITIS

JAMA

3864. Thyroid cancer in Japan. JAMA 209:104, 7 Jul 69
ANIMAL EXPERIMENTS/ ATOMIC WARFARE/ HUMAN/ JAPAN/ NEOPLASMS, RADIATION-INDUCED/ THYROID NEOPLASMS, etiology/ THYROID NEOPLASMS, mortality/ *THYROID NEOPLASMS, occurrence

3865. Oral contraceptives and immune responses. JAMA 209:410, 21 Jul 69
ANIMAL EXPERIMENTS/ CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ ENCEPHALOMYELITIS, ALLERGIC, complications/ FEMALE/ HUMAN/ HYPERSENSITIVITY, DELAYED/ *IMMUNITY, drug effects/ MULTIPLE SCLEROSIS, complications

3866. Big variability in "little" people. JAMA 209:411-2, 21 Jul 69
AFRICA/ CHROMOSOME ABERRATIONS/ *DWARFISM, classification/ DWARFISM, drug therapy/ DWARFISM, familial & genetic/ DWARFISM, PITUITARY, classification/ HUMAN/ SOMATOTROPIN, therapeutic use/ UNITED STATES

Lancet

3867. Disappearing defects. Lancet 1:1136, 7 Jun 69
ADOLESCENCE/ *BONE AND BONES, abnormalities/ CHILD/ HUMAN/ ORTHOPEDICS/ SCHOOL HEALTH

3868. Continuous chlormadinone acetate: is it an effective oral contraceptive? Lancet 2:197-8, 26 Jul 69
ACETATES/ *CHLORMADINONE/ *CONTRACEPTIVES, ORAL/ FEMALE/ HUMAN/ PREGNANCY

Med J Aust

3869. Induction of labour by amniotomy and oxytocin infusion. Med J Aust 1:921-2, 3 May 69
*AMNION, surgery/ FEMALE/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 18TH CENT./ HISTORY OF MEDICINE, 19TH CENT./ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ INFUSIONS, PARENTERAL/ *LABOR, INDUCED/ LABOR, INDUCED, history/ *OXYTOCIN, therapeutic use/ PREGNANCY

Med Lett Drugs Ther

3870. Adverse effects of drugs frequently used as diagnostic aids. Med Lett Drugs Ther 11:49, 13 Jun 69
ADOLESCENCE/ ANAPHYLAXIS, therapy/ ASPHYXIA, chemically induced/ BARIUM, adverse effects/ CHILD/ CHILD, PRESCHOOL/ *CONTRAST MEDIA, adverse effects/ DRUGS, adverse effects/ *DRUGS, diagnostic use/ DYES, adverse effects/ FEMALE/ GASTROINTESTINAL SYSTEM, physiology/ HEART, physiology/ HORMONES, adverse effects/ HUMAN/ HYPERSENSITIVITY, chemically induced/ INFANT/ INFANT, NEWBORN/ IODINE ISOTOPES, adverse effects/ KIDNEY FUNCTION TESTS/ LIVER FUNCTION TESTS/ MYASTHENIA GRAVIS, diagnosis/ PANCREAS/ PREGNANCY/ RADIOISOTOPES, adverse effects/ STAINS AND STAINING, adverse effects

3871. Suppositories for anorectal disease. Med Lett Drugs Ther 10:105-7, 27 Dec 68
ANESTHETICS, LOCAL, therapeutic use/ DRUG HYPERSENSITIVITY/ HEMORRHOIDS, drug therapy/ HUMAN/ *HYDROCORTISONE, TOPICAL, therapeutic use/ *RECTAL DISEASES, drug therapy/ *SUPPOSITORIES

3872. Radioactive isotope scanning. Med Lett Drugs Ther 10:90-2, 1 Nov 68
BONE AND BONES/ BRAIN/ HUMAN/ KIDNEY/ LIVER/ LUNG/ *RADIOISOTOPE SCANNING/ RADIOISOTOPE SCANNING, adverse effects/ *RADIOISOTOPES, diagnostic use/ SPLEEN/ THYROID GLAND

3873. Intra-articular administration of corticosteroids. Med Lett Drugs Ther 10:31-2, 12 Jan 68
ARTHRITIS, RHEUMATOID, drug therapy/ CARTILAGE DISEASES, chemically induced/ *GLUCOCORTICOIDS, administration & dosage/ GLUCOCORTICOIDS, adverse effects/ HUMAN/ INJECTIONS, INTRA-ARTICULAR/ *JOINT DISEASES, chemically induced/ NECROSIS, chemically induced/ OSTEOARTHRITIS, drug therapy

3874. Oral contraceptives. Med Lett Drugs Ther 10:66-8, 23 Aug 68
ADOLESCENCE/ ADULT/ *CONTRACEPTIVES, ORAL, adverse effects/ ETHINYL ESTRADIOL, adverse effects/ FEMALE/ FERTILIZATION, drug effects/ HUMAN/ MESTRANOL, adverse effects/ NORETHINDRONE, adverse effects/ PROGESTATIONAL HORMONES, adverse effects/ *THROMBOEMBOLISM, chemically induced

3875. Hodgkin's disease. Med Lett Drugs Ther 10:10-2, 12 Jan 68
CHLORAMBUCIL, therapeutic use/ CYCLOPHOSPHAMIDE, therapeutic use/ HODGKIN'S DISEASE, drug therapy/ HODGKIN'S DISEASE, radiotherapy/ HODGKIN'S DISEASE, surgery/ *HODGKIN'S DISEASE, therapy/ HUMAN/ HYDRAZINES, therapeutic use/ MECHLORETHAMINE, therapeutic use/ PREDNISONE, therapeutic use/ THIO-TEPA, therapeutic use/ VINBLASTINE, therapeutic use/ VINCRISTINE, therapeutic use

3876. Toxoplasmosis. Med Lett Drugs Ther 10:107-8, 27 Dec 68
BONE MARROW DISEASES, chemically induced/ FEMALE/ GLUCOCORTICOIDS, therapeutic use/ HEMATOPOIESIS, drug effects/ HUMAN/ PREGNANCY/ *PYRIMETHAMINE, administration & dosage/ PYRIMETHAMINE, adverse effects/ *SULFONAMIDE MIXTURES, administration & dosage/ *TOXOPLASMOSIS/ TOXOPLASMOSIS, diagnosis/ TOXOPLASMOSIS, drug therapy/

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TOXOPLASMOSIS, OCULAR, drug therapy

3877. Salmonella infections.
Med Lett Drugs Ther 10:50-2, 28 Jun 68
ADULT/ *AMPICILLIN, therapeutic use/ CARRIER STATE, drug therapy/ CHILD/ *CHLORAMPHENICOL, therapeutic use/ CHOLECYSTECTOMY/ GASTROENTERITIS, drug therapy/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ INFANT, NEWBORN/ *SALMONELLA INFECTIONS, drug therapy/ TYPHOID, drug therapy/ TYPHOID, prevention & control/ TYPHOID-PARATYPHOID VACCINES

3878. Acne vulgaris - guidelines for treatment.
Med Lett Drugs Ther 10:23-4, 12 Jan 68
*ACNE, drug therapy/ ACNE, radiotherapy/ ACNE, surgery/ ERYTHROMYCIN, therapeutic use/ ESTROGENS, therapeutic use/ FEMALE/ HUMAN/ MESTRANOL, therapeutic use/ OINTMENTS/ SOAPS, therapeutic use/ TETRACYCLINE, therapeutic use

3879. Photosensitivity to systemic and topical drugs.
Med Lett Drugs Ther 10:32, 12 Jan 68
BARBITURATES, adverse effects/ CONTRACEPTIVES, ORAL, adverse effects/ GLUCOCORTICOIDS, therapeutic use/ GRISEOFULVIN, adverse effects/ HUMAN/ PHENOTHIAZINES, adverse effects/ *PHOTOSENSITIZATION, chemically induced/ PHOTOSENSITIZATION, therapy/ QUINETHAZONE, adverse effects/ SALICYLATES, adverse effects/ SOAPS, adverse effects/ SULFONAMIDES, adverse effects/ TETRACYCLINE, adverse effects

3880. Propranolol. Med Lett Drugs Ther 10:25-7, 12 Jan 68
ANGINA PECTORIS, drug therapy/ *ARRHYTHMIA, drug therapy/ HEART FAILURE, CONGESTIVE, chemically induced/ HUMAN/ HYPOTENSION, chemically induced/ *IDIOPATHIC HYPERTROPHIC SUBVALVULAR STENOSIS, drug therapy/ *PHEOCHROMOCYTOMA, drug therapy/ *PROPRANOLOL/ PROPRANOLOL, administration & dosage/ PROPRANOLOL, adverse effects/ PROPRANOLOL, pharmacodynamics/ PROPRANOLOL, therapeutic use

3881. Adverse ophthalmic effects of corticosteroids.
Med Lett Drugs Ther 10:21-2, 12 Jan 68
CATARACT, chemically induced/ *EYE DISEASES, chemically induced/ GLAUCOMA, chemically induced/ *GLUCOCORTICOIDS, adverse effects/ HUMAN/ INFECTION, chemically induced/ KERATITIS, DENDRITIC, chemically induced

3882. Drug combinations for primary hypertension.
Med Lett Drugs Ther 10:34-5, 12 Jan 68
ANTIHYPERTENSIVE AGENTS, adverse effects/ *ANTIHYPERTENSIVE AGENTS, therapeutic use/ CHLORTHALIDONE, therapeutic use/ DIURETICS, therapeutic use/ GUANETHIDINE, therapeutic use/ HUMAN/ HYDRALAZINE, therapeutic use/ *HYPERTENSION, drug therapy/ METHYLDOPA, therapeutic use/ PARGYLINE, therapeutic use/ RESERPINE, therapeutic use/ SPIRONOLACTONE, therapeutic use/ TRIAMTERENE, therapeutic use

3883. Fluonid--a "new" topical corticosteroid.
Med Lett Drugs Ther 10:104, 13 Dec 68
*FLUOCINOLONE ACETONIDE/ HUMAN

New Eng J Med

3884. Menarche and pubarche.
New Eng J Med 280:1483, 26 Jun 69
ADOLESCENCE/ ADULT/ ANABOLIC STEROIDS, analysis/ CHILD/ FEMALE/ FOOD ANALYSIS/ FSH, analysis/ GONADOTROPINS, CHORIONIC, analysis/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, ANCIENT/ HUMAN/ *MENSTRUATION/ MILK/ *PUBERTY/ UNITED STATES

3885. Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 33-1969.
New Eng J Med 281:375-83, 14 Aug 69
AGED/ BONE AND BONES, pathology/ BRONCHIECTASIS, pathology/ CALCINOSIS, pathology/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ ELECTROCARDIOGRAPHY/ FEMALE/ HEART DISEASES, diagnosis/ HUMAN/ KIDNEY, pathology/ LUNG, pathology/ LUNG DISEASES, diagnosis/ LYMPH NODES, pathology/ PNEUMONIA, INTERSTITIAL PLASMA CELL, pathology/ PULMONARY FIBROSIS, pathology/ PULMONARY HEART DISEASE, pathology/ SARCOIDOSIS, diagnosis/ *SARCOIDOSIS, pathology/ SARCOIDOSIS, radiography/ SKIN, pathology/ SYNOVIAL MEMBRANE, pathology/ THORACIC RADIOGRAPHY

3886. Case records of the Massachusetts General Hospital. Weekly clinicopathologial exercises. Case 32-1969.
New Eng J Med 281:314-23, 7 Aug 69
CASE REPORT/ *COLITIS, pathology/ DIAGNOSIS, DIFFERENTIAL/ DISGERMINOMA, radiotherapy/ HEMATOMA, SUBDURAL, diagnosis/ *HEMATOMA, SUBDURAL, pathology/ HUMAN/ KIDNEY, pathology/ KIDNEY, radiation effects/ MALE/ MIDDLE AGE/ NEPHRITIS, etiology/ *NEPHRITIS, pathology/ PANCREAS, pathology/ PANCREATIC DISEASES, diagnosis/ PANCREATIC DISEASES, etiology/ *PANCREATIC DISEASES, pathology/ PANCREATITIS, etiology/ PANCREATITIS, pathology/ *RADIATION INJURY, pathology/ RADIOTHERAPY, adverse effects/ TESTICULAR NEOPLASMS, radiotherapy

Nutr Rev

3887. Cyclic behavior of amino acid transport.
Nutr Rev 27:79-81, Mar 69 (5 ref.)
ADRENAL GLANDS, physiology/ *AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ *BIOLOGICAL TRANSPORT, ACTIVE/ CARBON ISOTOPES/ *CIRCADIAN RHYTHM/ DARKNESS/ DIET/ DIETARY PROTEINS/ FASTING/ FEEDING BEHAVIOR/ INTESTINE, SMALL, metabolism/ LIGHT/ LIVER, metabolism/ PANCREAS, metabolism/ RATS/ REVIEW

3888. Vitamin D therapy of hypoparathyroidism.
Nutr Rev 27:71-2, Mar 69
*CALCIUM, metabolism/ *ERGOCALCIFEROL, therapeutic use/ ERGOCALCIFEROL, toxicity/ HUMAN/ *HYPOPARATHYROIDISM, drug therapy/ HYPOPARATHYROIDISM, surgery

3889. Diet and mammary gland growth in the pregnant rat.
Nutr Rev 27:152-3, May 69 (5 ref.)
ANIMAL EXPERIMENTS/ BODY WEIGHT/ *DIET/ DNA, metabolism/ FEMALE/ FETUS, anatomy & histology/ HORMONES, physiology/ *MAMMAE, growth & development/ MAMMAE, metabolism/ METABOLISM/ PLACENTAL HORMONES, physiology/ PREGNANCY/ *PREGNANCY, ANIMAL/ RATS/ REVIEW/ UTERUS, anatomy & histology

3890. Cellularity of rat adipose tissue in relation to growth, starvation, and obesity.
Nutr Rev 27:146-9, May 69 (13 ref.)
ADIPOSE TISSUE, growth & development/ ADIPOSE TISSUE, metabolism/ *ADIPOSE TISSUE, pathology/ AGE FACTORS/ ANIMAL EXPERIMENTS/ DIET/ EPIDIDYMIS/ GROWTH/ HYPOTHALAMUS, physiopathology/ LIPIDS, metabolism/ MALE/ *OBESITY, pathology/ RATS/ REVIEW/ *STARVATION, pathology

Odont Din

3891. Demonstrado: os corticosteróides modificam a reação da polpa. Odont Din 1:24, Mar 67 (Por)
ADRENAL CORTEX HORMONES, therapeutic use/ DENTAL CAVITY PREPARATION, adverse effects/ DENTAL PULP, drug effects/ SPECIAL LIST DENTAL

Presse Med

3892. Hypoglycémies spontanées de l'adulte.
Presse Med 77:950-2, 28 May 69 **(Fre)**
ADDISON'S DISEASE, complications/ ADENOMA, diagnosis/ ADRENAL GLAND HYPOFUNCTION, complications/ ADULT/ ALCOHOLISM, complications/ BLOOD SUGAR, analysis/ BLOOD SUGAR, metabolism/ COLORIMETRY/ DIET/ GLUCOSE TOLERANCE TEST/ HUMAN/ HYPNOTICS AND SEDATIVES, therapeutic use/ *HYPOGLYCEMIA/ HYPOGLYCEMIA, complications/ HYPOGLYCEMIA, etiology/ HYPOGLYCEMIA, therapy/ HYPOPITUITARISM, complications/ ISLET CELL TUMOR, diagnosis/ ISLET CELL TUMOR, surgery/ LIVER NEOPLASMS, complications/ NEUROLOGIC MANIFESTATIONS/ SARCOMA, diagnosis/ SYMPATHOMIMETICS, therapeutic use/ TOLBUTAMIDE, diagnostic use/ TRANQUILIZING AGENTS, therapeutic use

3893. Les "hépatities virales".
Presse Med 77:763-6, 23 Apr 69 **(Fre)**
ACUTE DISEASE/ AMINOTRANSFERASES, blood/ ASCORBIC ACID, therapeutic use/ BILIRUBIN, blood/ CHOLESTEROL, blood/ CHRONIC DISEASE/ COENZYMES, therapeutic use/ EXCHANGE TRANSFUSION/ GAMMA GLOBULIN/ GLUCOCORTICOIDS, administration & dosage/ *HEPATITIS, INFECTIOUS/ HEPATITIS, INFECTIOUS, classification/ HEPATITIS, INFECTIOUS, diagnosis/ HEPATITIS, INFECTIOUS, occurrence/ HEPATITIS, INFECTIOUS, therapy/ HUMAN/ HYPERBARIC OXYGENATION/ JAUNDICE, OBSTRUCTIVE, complications/ LIVER CIRRHOSIS, POSTNECROTIC, etiology/ LIVER FUNCTION TESTS/ OXYGEN INHALATION THERAPY/ SULFOBROMOPHTHALEIN, diagnostic use/ VITAMIN B COMPLEX, therapeutic use

Radiol Health Data Rep

3894. Strontium-90 in human bone, January-March 1968.
Radiol Health Data Rep 10:175-8, Apr 69
ADOLESCENCE/ ADULT/ AGE FACTORS/ *BONE AND BONES, metabolism/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ *STRONTIUM ISOTOPES, metabolism/ UNITED STATES

3895. Iodine-131 in bovine thyroid, October-December 1968, Bureau of Radiological Health, Public Health Service.
Radiol Health Data Rep 10:178-80, Apr 69
*CATTLE/ *FOOD CONTAMINATION, RADIOACTIVE/ *IODINE ISOTOPES, metabolism/ *THYROID GLAND, metabolism

Scot Med J

3896. Microangiopathic haemolytianaemia.
Scot Med J 14:187-9, Jun 69 (21 ref.)
ADRENAL CORTEX HORMONES, therapeutic use/ ANEMIA, HEMOLYTIC, diagnosis/ ANEMIA, HEMOLYTIC, drug therapy/ ANEMIA, HEMOLYTIC, etiology/ BLOOD COAGULATION DISORDERS, etiology/ *CEREBROVASCULAR DISORDERS/ CORTICOTROPIN, therapeutic use/ DIALYSIS/ FACTOR V/ FACTOR VIII/ FIBRINOGEN/ HEPARIN, therapeutic use/ HUMAN/ ISCHEMIA/ KIDNEY, pathology/ PURPURA, THROMBOPENIC/ REVIEW/ SHWARTZMAN PHENOMENON/ SPLENECTOMY/ THROMBOPENIA, etiology/ *THROMBOSIS

Soins

3897. Les corticoïdes par voie générale.
Soins 14:117-24, Mar 69 **(Fre)**
GLUCOCORTICOIDS/ SPECIAL LIST NURSING

Steroids

3898. Revised tentative rules for nomenclature of steroids.
Steroids 13:278-310, Mar 69
*NOMENCLATURE/ *STEROIDS, classification

Ugeskr Laeg

3899. Tromber, graviditet og p-piller.
Ugeskr Laeg 131:890-2, 15 May 69 **(Dan)**
ADOLESCENCE/ ADULT/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ PREGNANCY/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, etiology/ *THROMBOSIS, etiology

3900. Behandling af prostatahypertrofi.
Ugeskr Laeg 131:618, 3 Apr 69 **(Dan)**
*HORMONES, therapeutic use/ HUMAN/ MALE/ PROSTATIC HYPERTROPHY, drug therapy/ PROSTATIC HYPERTROPHY, surgery/ *PROSTATIC HYPERTROPHY, therapy

3901. Meddelelse fra Sundhedsstyrelsens bivirkningsnaevn (7). Indberetninger om bivirkninger under behandling med laegemidler og peroral antikonceptionsmidler i perioden 1 august-31 december 1968. Ugeskr Laeg 131:846-9, 8 May 69 **(Dan)**
ADOLESCENCE/ ADULT/ AGED/ CHILD/ *CONTRACEPTIVES, ORAL, adverse effects/ DENMARK/ *DRUG THERAPY, adverse effects/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PUBLIC HEALTH ADMINISTRATION

3902. "Second look" ved cancer ventriculi.
Ugeskr Laeg 131:1017, 5 Jun 69 **(Dan)**
DIAGNOSIS, SURGICAL/ *GASTROINTESTINAL NEOPLASMS, surgery/ HUMAN/ LAPAROTOMY/ *NEOPLASM RECURRENCE, LOCAL, diagnosis/ OVARIAN NEOPLASMS/ TIME FACTORS

Virginia Med Monthly

3903. Clinicopathological discussion. Case presentations from the records of the Surgical Committee Meetings the Memorial Hospital, Danville, Va.
Virginia Med Monthly 96:268-72, May 69
ADULT/ CASE REPORT/ FEMALE/ HUMAN/ HYPERTHYROIDISM, radiotherapy/ HYPERTHYROIDISM, surgery/ *HYPERTHYROIDISM, therapy/ IODINE ISOTOPES, therapeutic use/ THYROIDECTOMY, adverse effects/ TRACHEOTOMY, adverse effects/ VOCAL CORD PARALYSIS, etiology

3904. Abdominal enlargement in a very young child.
Virginia Med Monthly 96:213-8, Apr 69
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We are happy that we are still able to make the publication available to the community of endocrinologists, and we hope that it will continue to be a useful literature tool for you.

ENDOCRINOLOGY INDEX

National Institute of Arthritis
and Metabolic Diseases

Edited by *N. Victoria Ragin*

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Editorial Note

We have tried to produce a METHOD SECTION for the Endocrinology Index and have found it difficult to automate. This issue was the first attempt to eliminate by machine what has heretofore been accomplished by human effort. The result was unsatisfactory so an addendum of titles was attached at the end.

The plans for 1970 are to have a more complete section although it may contain articles which do not fall into the criteria we have set up for this section. Any suggestions from users will be welcomed and be considered in our planning of future issues.

Thank you for your tolerance in this improvised section.

N. Victoria Ragin

N. Victoria Ragin

PREFACE

The Endocrinology Index is a bimonthly publication of the National Institute of Arthritis and Metabolic Diseases. This selected bibliography which is produced from the National Library of Medicine's Medical Literature Analysis and Retrieval System (MEDLARS), has been iniated to supply those scientists working in the field of endocrinology with a much needed current awareness tool and is intended to help facilitate greater integration of research and clinical efforts in this field.

This publication is available free to National Institutes of Health grantees and contractors working in the field of endocrinology and libraries of medical schools. Requests from these qualified individuals to receive free copies of this publication must include their grant or contract number and the title of their project. These requests as well as address changes and other communications should be addressed to:

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Use of funds for printing this publication approved by the Director of the Bureau of the Budget on October 7, 1968.

Acknowledgment

The Endocrinology Index was compiled with the cooperation and assistance of the staff of the National Library of Medicine. The citations were processed by the Library's computer-based Medical Literature Analysis and Retrieval System (MEDLARS) and were printed from film composed by Graphic Arts Composing Equipment (GRACE), MEDLARS' high-speed phototypesetter.

EXPLANATION OF FORMAT

The period covered by this issue of the bibliography corresponds to the same months of Index Medicus. The journal coverage is limited to journals covered by Index Medicus, but the Endocrinology Index contains additional subject headings that are not included in Index Medicus. This Endocrinology Index is arranged in seven sections: 1) Table of Contents; 2) Subject Section; 3) Review Section; 4) Method Section; 5) Author Section; 6) Subject Index; and 7) Author Index.

Subject Section

This section is for the reader interested in recent literature related to certain broad topics. The subject section is divided into eight categories (pituitary, thyroid, etc.). The endocrine pancreas has not been included since it is the subject of another recurring bibliography, Diabetes Literature Index. Each category has a preconceived hierarchical organization of subject headings. A particular citation may appear more than once if it deals with multiple topics. Each citation to an article contains the full title, first author, and journal reference. If the article is written in a foreign language, the language is indicated. If the citation is to a review article, the number of references is given.

Author Section

This section provides the reader with a list of keywords or index terms assigned to each citation. In this section each article appears only once. The citations are arranged alphabetically according to first author and are numbered consecutively. These numbers are then used in the Author and Subject Indexes to enable the reader to identify references with ease. The complete citations (including index terms) are found in this section, but only the first three authors are listed. Foreign titles appear in the original language; these titles have been translated into English in the Subject Section. Following each citation are index terms which have been assigned to describe the contents of the article. Index terms appear in capital letters; some of these are accompanied by subheadings which appear in lower case letters; asterisks (*) identify the index terms under which articles appear in Index Medicus.

Subject Index

All of the index terms assigned to the citations appearing in the bibliography are listed, followed by citation numbers which correspond to the numbers in the Author Section. This section is included for the convenience of the reader who wishes to select articles falling in categories of his own conception. For example, one who is interested in protein binding of a particular hormone could quickly find whether there were any articles dealing with this subject by seeing whether there were any citation numbers common to the two headings "protein binding" and the name of the specific hormone.

Author Index

The names of all authors are listed, followed by citation numbers which correspond to the numbers in the Author Section.

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PITUITARY

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PITUITARY GLAND

Effects of hypothalamic and amygdaloid lesions on development and growth of carcinogen-induced mammary tumors in the female rat. Welsch CW, et al. **Cancer Res** 29:1541-9, Aug 69

The twenty-four-hour seminal hydration response in goldfish (Carassius auratus). I. Sodium, potassium, calcium, magnesium, chloride and osmolality of serum and seminal fluid. Grant FB, et al. **Comp Biochem Physiol** 30:273-80, 15 Jul 69

Prolactin release in response to milking stimulus in the cow and goat estimated by radioimmunoassay. Joke T. **Endocr Jap** 16:179-85, Feb 69

Effects of 17alpha-ethinyl-19-nor-testosterone acetate on pituitary and serum levels of ICSH and FSH in female rats. Kraehahn G, et al. **Europ J Pharmacol** 6:303-11, 1969

Circadian fluctuations in tibia cartilage. Assayable pituitary homogenates of fed and starved weanling female rats. Bahorsky MS, et al. **Experientia** 25:755-6, 1969

[Demonstration of lipotropic hormone (beta-lipotropin) in human hypophysis (preliminary report)] Cseh G, et al. **Orv Hetil** 110:1546-7, 6 Jul 69 **(Hun)**

[Relationship between ultrastructure and function of the anterior pituitary gland] Kurosumi K. **Clin Endocr (Tokyo)** 17:470, Jun 69 **(Jap)**

[The effect of adiposin on the content of lipids and growth hormone in the blood serum of patients with obesity] Balaboikin MI. **Probl Endokr (Moskva)** 14:43-6, Nov-Dec 68 **(Rus)**

[The effect of ACTH on the steroidogenesis in the adrenal glands of rat embryos in experiments in vitro] Sakhatskaia TS. **Probl Endokr (Moskva)** 14:51-4, May-Jun 68 **(Rus)**

[Effect on the hypophysis during the treatment of diabetic retinopathy] **Rev Clin Esp** 111:448-9, 30 Nov 68 **(Spa)**

ANALYSIS

Effect of polydiethylstilboestrol phosphate on the pituitary content of FSH and ICSH in male rats. Perklev T, et al. **Acta Endocr (Kobenhavn)** 61:449-60, Jul 69

The small-scale isolation and characterization of adrenocorticotrophin. Landon J, et al. **Biochem J** 114:519-28, Sep 69

Solid-phase syntheis and some pharmacological properties of [8-phenylalanine]-oxytocin. Baxter JW, et al. **Biochemistry (Wash)** 8:3592-7, Sep 69

Pituitary regulation of preovulatory estrogen secretion in the rat. Hori T, et al. **Endocr Jap** 16:351-60, Jun 69

Changes in lactate dehydrogenase isozyme patterns of rat anterior pituitary in varied thyroid states. Matsuzaki S, et al. **Endocr Jap** 16:301-8, Jun 69

Prolactin of normal and dwarf mice. Cheever EV, et al. **Endocrinology** 85:698-703, Oct 69

Purification and properties of rat prolactin. Ellis S, et al. **Endocrinology** 85:886-94, Nov 69

Effects of hypothalmic implants of GH on anterior pituitary weight and GH concentration. Katz SH, et al. **Endocrinology** 85:725-34, Oct 69

Colorimetric quantification of the growth hormone and prolactin components of disc electrophoretic patterns. Lewis UJ, et al. **Endocrinology** 85:690-7, Oct 69

Radioimmunoassay determination of luteinizing hormone during the estrous cycle of the rat. Monroe SE, et al. **Endocrinology** 85:720-4, Oct 69

Effects of 17alpha-ethinyl-19-nor-testosterone acetate on pituitary and serum levels of ICSH and FSH in female rats. Kraehahn G, et al. **Europ J Pharmacol** 6:303-11, 1969

Preparation of tissues for localization of sex hormones by autoradiography. II. The loss of radioactive material in embedding media after freeze drying and vapour fixation of the tissues. Attramadal A. **Histochemie** 19:75-87, 1969

Follicle-stimulating hormone content of the pituitary gland before implantation in the mouse and rat. Bindon BM. **J Endocr** 44:349-56, Jul 69

Release of gonadotrophin in ovariectomized mice after exposure to males. Bronson FH, et al. **J Endocr** 44:293-7, Jul 69

The effect of bovine anterior pituitary extract on lipid mobilization in the rat and man. Holland MJ. **J Endocr** 44:307-11, Jul 69

Polyacrylamide gel electrophoresis of rhesus monkey (Macaca mulatta) pituitary gland extracts. Nicholson PM. **J Endocr** 44:459-60, Jul 69

Simulation of the apparent effects of mebanazine on growth hormone by pair-feeding of control animals. Barrett AM. **J Pharm Pharmacol** 21:481-7, Aug 69

The effect of hypothalamic lesions on the melanocyte-stimulating hormone content and histology of the pars intermedia of the rat pituitary gland. Howe A, et al. **J Physiol (London)** 203:159-71, Jul 69

New neurohypophysial principle in foetal mammals. Vizsolyi E, et al. **Nature (London)** 223:1169-71, 13 Sep 69

[Studies on the fate of the antidepressant amitriptyline in the organism of the rat and man] Eschenhof E, et al. **Arzneimittelforschung** 19:957-66, Jun 69 **(Ger)**

[Protein-binding corticotropin and hypothalamic corticotropin] Nakamura M, et al. **Saishin Igaku** 24:988-92, May 69 **(Jap)**

[Morphology of the central nervous control system in the eminence of the pituitary tract] Sano Y. **Saishin Igaku** 24:962-6, May 69 **(Jap)**

[Age changes in the content of manganese, cobalt, copper, zinc and iron in the endocrine glands of women] Ataullakhanov IA. **Probl Endokr (Moskva)** 15:98-102, Mar-Apr 69 **(Rus)**

[Identity of exophthalmic activity of the hypophysis and of the blood serum] Avenirova ZA, et al. **Probl Endokr (Moskva)** 14:29-32, Jul-Aug 68 **(Rus)**

[A comparative study of estradiol sensitivity of luteinizing function of hypophysis in intact and castrated female rats] Dmitrieva OK. **Probl Endokr (Moskva)** 14:85-9, May-Jun 68 **(Rus)**

[Distribution of labeled thyroxine in some endocrine glands of rats] Kolli EA, et al. **Probl Endokr (Moskva)** 14:90-3, May-Jun 68 **(Rus)**

[Secretion of luteinizing gonadotropin and its regulation at the early human ontogenesis] Levina SE. **Probl Endokr (Moskva)** 14:56-60, Nov-Dec 68 **(Rus)**

[Change of the function of the hypothalamo-hypophyseo-ovarian system in rats with constant estrus] Propp MV, et al. **Probl Endokr (Moskva)** 13:106-11, May-Jun 67 **(Rus)**

[REACTION OF THE HYPOPHYSIS (ACTH) f rtftse o the changes of blood estrogen level] Skebel'skaia IuB. **Probl Endokr (Moskva)** 15:45-9, Jan-Feb 69 **(Rus)**

ANATOMY & HISTOLOGY

Effect of polydiethylstilboestrol phosphate on the pituitary content of FSH and ICSH in male rats. Perklev T, et al.
Acta Endocr (Kobenhavn) 61:449-60, Jul 69

The brain in Cynoglossus bilineatus (Lac.). Saxena PK.
Anat Anz 124:210-7, 1969

Transphenoidal microsurgery of the normal and pathological pituitary. Hardy J.
Clin Neurosurg 16:185-217, 1969

Effects of hypothalmic implants of GH on anterior pituitary weight and GH concentration. Katz SH, et al.
Endocrinology 85:725-34, Oct 69

Dissociation of reproductive physiology and behavior induced by neonatal treatment with steroids. Thomas TR, et al. **Endocrinology** 85:781-4, Oct 69

The effect of hypophysectomy on freshwater surviv in teleosts of the order Atherinifoes. Schreibman MP, et al. **Gen Comp Endocr** 13:27-38, Aug 69

Effects of cholera on the human hypothalamus and hypophysis. II. Choudhury RP.
J Trop Med Hyg 72:185-92, Aug 69

The anterior pituitary of the Japanese quail, Coturnix coturnix japonica. The cytological effects of photoperiodic stimulation. Tixier-Vidal A, et al.
Z Zellforsch 92:610-35, 1968

[Consequences of the baldness mutation on some aspects of rat behavior] Aschkenasy-Lelu P, et al.
Arch Sci Physiol (Paris) 23:269-89, 1969 **(Fre)**

[Histologic and histoenzymologic study of the pituitary from several species of toads: B. alvarium, B. spinolosus, B. mazatlanensis, B. arenarum] Burlet A.
C R Soc Biol (Paris) 162:2249-51, 1968 **(Fre)**

[Action of estriol on the rat pituitary] Fels E, et al.
C R Soc Biol (Paris) 162:2012-3, May 69 **(Fre)**

[Sub-ependymal vessels of the hypophyseal recess] Duvernoy H, et al. **J Hirnforsch** 10:227-45, 1968 **(Fre)**

[Vascularization of the avian hypophysis] Duvernoy H, et al. **J Neurovisc Relat** 31:109-27, 1969 **(Fre)**

[On the histomorphology of the adenohypophysis of a nutria (Myocastor coypus [Molina]) with special reference to the distal part of the adenohypophysis] Wilhelm A, et al.
Z Mikr Anat Forsch 79:557-72, 1968 (mo ref.) **(Ger)**

[Morphology of the central nervous control system in the eminence of the pituitary tract] Sano Y.
Saishin Igaku 24:962-6, May 69 **(Jap)**

[Immunohistochemical differentiation of acidophilic cells of the adenohypophysis] Tarakanov EI, et al.
Probl Endokr (Moskva) 13:100-1, May-Jun 67 **(Rus)**

BLOOD SUPPLY

Rapid flow of blood through pituitary autografts in the rat. Goldman H, et al. **Amer J Physiol** 217:567-9, Aug 69

Anterior and posterior groups of portal vessels in the avian pituitary. Dominic CJ, et al.
Gen Comp Endocr 13:22-6, Aug 69

An electron microscopic study of the human infundibulum. Bergland RM, et al.
Z Zellforsch 99:1-12, 1969

[Sub-ependymal vesseis of the hypophyseal recess] Duvernoy H, et al. **J Hirnforsch** 10:227-45, 1968 **(Fre)**

[Vascularization of the avian hypophysis] Duvernoy H, et al. **J Neurovisc Relat** 31:109-27, 1969 **(Fre)**

[Relationship between ultrastructure and function of the anterior pituitary gland in birds] Mikami S.
Clin Endocr (Tokyo) 17:502-11, Jun 69 (28 ref.) **(Jap)**

[Method of blood sample collection from the canine pituitary vein] Ogawa N.
Jap J Clin Med 27:1376-8, May 69 **(Jap)**

CYTOLOGY

Cyclic changes in the pituitary gland of Glyptothorax pectinopterus (McClelland) in correlation with its reproductive cycle. Khanna SS, et al.
Acta Anat (Basel) 72:148-57, 1969

Electrom microscopic study of the anencephalic adenohypophysis with reference to the adrenocorticotrophs and their correlation with the functional differentiation of the hypothalamus during the foetal life. Hatakeyama S.
Endocr Jap 16:187-203, Feb 69

Granular localization of corticotropin-releasing activity in horse hypophysial stalk homogenate. Ishii S, et al.
Endocr Jap 16:171-7, Feb 69

ACTH secretion from the pituitary transplanted in apposition with the adrenal cortex under the renal capsule. Ishikawa H, et al. **Endocr Jap** 16:331-49, Jun 69

Developmental cell dynamics in the hypothalamus, the anterior pituitary and the ovary of the rat. Nakai T, et al. **Endocr Jap** 16:379-82, Jun 69

Identification of the thyrotrophs with the gonadotrophs in the anterior pituitaries of thyroidectomized rats. Yoshimura F, et al.
Endocr Jap 16:69-85, Feb 69

Anterior and posterior groups of portal vessels in the avian pituitary. Dominic CJ, et al.
Gen Comp Endocr 13:22-6, Aug 69

Enzyme histochemistry of the pars intermedia of ox pituitary gland. Raftery AT. **J Anat** 105:307-15, Sep 69

The delta cell of the human hypophysis in childhood. Haimi NS, et al. **J Clin Endocr** 29:1036-41, Aug 69

An ultrastructural study of the adrenocorticotrophic hormone-secreting cell in the rat adenohypophysis during adrenal cortical regeneration. Nakayama I, et al. **Lab Invest** 21:169-78, Aug 69

An electron microscopic study of the human infundibulum. Bergland RM, et al.
Z Zellforsch 99:1-12, 1969

Studies on the structure and ultrastructure of the intact and "methallibure" -treated meso-adenohypophysis of the viviparous teleost Cymatogaster aggregata Gibbons. Leatherland JF.
Z Zellforsch 98:122-34, 1969

Electron microscopic studies on the adenohypophysis of the white-crowned sparrow, Zonotrichia leucophrys gambelii. Mikami SI, et al.
Z Zellforsch 97:1-29, 1969

The anterior pituitary of the Japanese quail, Coturnix coturnix japonica. The cytological effects of photoperiodic stimulation. Tixier-Vidal A, et al.
Z Zellforsch 92:610-35, 1968

[Identification of LH cells of swine by optic microscopy, electron microscopy and by immunofluorescence] Herlant M, et al.
C R Acad Sci [D] (Paris) 269:368-70, 1969 **(Fre)**

[Influence of fasting on golden hamster anterior pituitary cells. Electron microscope study] Dubois P, et al. **C R Soc Biol (Paris)** 162:2116-8, 1968 **(Fre)**

[Cytologic modifications of the pituitary and interrenal gland of the green frog, Rana esculenta L., after unilaternal adrenalectomy] Dupont W, et al.
C R Soc Biol (Paris) 163:34-7, 1969 **(Fre)**

[Cytologic and histologic study of the hypophyso-thyroid relations in golden hamsters subjected to fasting] Girod C, et al.
C R Soc Biol (Paris) 163:156-8, 1969 **(Fre)**

[Effects of castration on anterior pituitary cytology in male guinea pigs] Tramu G.
C R Soc Biol (Paris) 162:1941-3, May 69 **(Fre)**

[Effects of unilateral adrenalectomy on pituitary and adrenal gland cytology in Rana esculenta L] Dupont W, et al. **J Physiol (Paris)** 60:Suppl 2:435, 1968 **(Fre)**

[Some ultrastructural aspects of the human fetal anterior pituitary gland] Dumont L, et al.
Rev Lyon Med 16:593-606, Aug-Sep 67 **(Fre)**

[Activity of the pars intermedia of the autotransplanted pituitary gland in the European eel] Olivereau M. **Z Zellforsch** 98:74-87, 1969 **(Fre)**

[A contribution to the histochemistry of intravascular colloid in the adenohypophysis of humans] Doebel J.
Acta Morph Acad Sci Hung 17:1-6, 1969 **(Ger)**

[On the innervation of the endocrine glands. Contribution on modern morphology and comparative anatomy] Volirath L.
Munchen Med Wschr 111:1464-8, 4 Jul 69 **(Ger)**

[On the histomorphology of the adenohypophysis of a nutria (Myocastor coypus [Molina]) with special reference to the distal part of the adenohypophysis] Wilhelm A, et al.
Z Mikr Anat Forsch 79:557-72, 1968 (mo ref.) **(Ger)**

[Ultrastructure of the capillary wall and connective tissue of the anterior pituitary gland] Fujita H.
Clin Endocr (Tokyo) 17:493-501, Jun 69 **(Jap)**

[Relationship between ultrastructure and function of the anterior pituitary gland] Kurosumi K.
Clin Endocr (Tokyo) 17:470, Jun 69 **(Jap)**

[Electron microscopic findings of the general structure and secretory mechanism of the anterior pituitary cells] Kurosumi K.
Clin Endocr (Tokyo) 17:471-81, Jun 69 (22 ref.) **(Jap)**

[Relationship between ultrastructure and function of the anterior pituitary gland in birds] Mikami S.
Clin Endocr (Tokyo) 17:502-11, Jun 69 (28 ref.) **(Jap)**

[Functional classification and postnatal development

of the anterior pituitary cells in mice] Yamashita K. Clin Endocr (Tokyo) 17:482-91, Jun 69 (42 ref.) (Jap)
[ACTH-producing cells of the anterior pituitary gland] Kurosumi K, et al.
Jap J Clin Med 27:1333-47, May 69 (Jap)
[Effect of the hypothalamus on ultrastructure of the anterior pituitary cells, with special reference to various findings on somatotrophs and gonadotrophs] Shiotani Y, et al. Saishin Igaku 24:956-62, May 69 (Jap)

DRUG EFFECTS

Cytological and cytochemical comparative study on the effect of cyproterone (anti-androgen) and gonadectomy on the gonadotrophic cells of the hypophysis in male rats. Mietkiewski K, et al.
Acta Endocr (Kobenhavn) 61:293-301, Jun 69
Effect of polydiethylstilboestrol phosphate on the pituitary content of FSH and ICSH in male rats. Perkiev T, et al.
Acta Endocr (Kobenhavn) 61:449-60, Jul 69
Effect of oestradiol benzoate on corpora lutea in rats bearing pituitary autografts. Stolzenberg SJ, et al.
Acta Endocr (Kobenhavn) 60:184-98, Feb 69
Divergent responses of arteriosclerotic and non-arteriosclerotic rats to a catabolic dose of cortisone. Wexler BC, et al.
Acta Endocr (Kobenhavn) 61:509-24, Jul 69
Induction of 20alpha-hydroxysteroid dehydrogenase in rat corpora lutea by pharmacological blockade of pituitary prolactin secretion. Lamprecht SA, et al.
Biochim Biophys Acta 187:133-43, 29 Jul 69
ACTH secretion from the pituitary transplanted in apposition with the adrenal cortex under the renal capsule. Ishikawa H, et al. Endocr Jap 16:331-49, Jun 69
A positive feedback action of androgen on pituitary follicle stimulating hormone: induction of a cyclic phenomenon. Johnson DC, et al.
Endocrinology 85:881-5, Nov 69
Effect of biogenic amines, FSH-releasing factor (FRF) and other substances on the release of FSH by pituitaries incubated in vitro. Kamberi IA, et al.
Endocrinology 85:815-24, Nov 69
Influence of norepinephrine and catecholamine-depleting agents on the synthesis and release of prolactin and growth hormone. MacLeod RM. Endocrinology 85:916-23, Nov 69
Effect of carbaryl on the neuroendocrine system of rats. Shtenberg AI, et al.
Food Cosmet Toxic 6:461-7, Dec 68
Stimulation of LH release in men and women by LH-releasing hormone purified from porcine hypothalami. Kastin AJ, et al.
J Clin Endocr 29:1046-50, Aug 69
The action of chlormadinone acetate (6-chloro-delta6-dehydro-17alpha-acetoxyprogesterone) upon experimentally induced ovulation in the rabbit. Harris GW, et al.
J Physiol (London) 203:59-66, Jul 69
Melatonin and its precursors' effects on 131-I uptake by the thyroid gland under different photic conditions. De Prospo ND, et al. Life Sci 8:837-42, 1 Aug 69
Estrogen: direct effects on hypothalamus or pituitary in relation to pituitary weight changes. Lisk RD.
Neuroendocrinology 4:368-73, 1969
Luteinizing hormone-releasing activity in hypophysial stalk blood and elevation by dopamine. Kamberi IA, et al. Science 166:388-90, 17 Oct 69
Studies on the structure and ultrastructure of the intact and "methallibure" -treated meso-adenohypophysis of the viviparous teleost Cymatogaster aggregata Gibbons. Leatherland JF.
Z Zellforsch 98:122-34, 1969
The anterior pituitary of the Japanese quail, Coturnix coturnix japonica. The cytological effects of photoperiodic stimulation. Tixier-Vidal A, et al.
Z Zellforsch 92:610-35, 1968
[Synthetic polypeptide derivatives with thyrotropin releasing factor hypophysiotropic activity] Burgus R, et al.
C R Acad Sci [D] (Paris) 268:2116-8, 21 Apr 69 (Fre)
[Role of 3'-5'-monophosphate cyclic adenosine in the liberation of pituitary TSH] Cehovic G.
C R Acad Sci [D] (Paris) 268:2929-31, 16 Jun 69 (Fre)
[Action of estriol on the rat pituitary] Fels E, et al.
C R Soc Biol (Paris) 162:2012-3, May 69 (Fre)
[Effect of fibrinolysis inhibitors on tissue changes produced by hexadimethrinbromide] Szijj I, et al.
Folia Haemat (Leipzig) 91:487-95, 1969 (Ger)
[Steroid actions and feed back potency, with special reference to dissociation of glucocorticoid action] Kumagai A, et al. Saishin Igaku 24:982-6, May 69 (Jap)
[Cytological and cytochemical changes in the adenohypophysis of the adult male rats treated with cyproterone] Miętkiewski K, et al.
Endokr Pol 20:311-23, 1969 (Pol)
[Growth and the growth hormone. Differential diagnosis and treatment of retarded growth of hypophyseal origen] Loeschke A.
Rev Clin Esp 111:613-8, 31 Dec 68 (Spa)

EMBRYOLOGY

The comparison of the development of the hypophysis in the chick and other avian species. Doskočil M.
Folia Morph (Praha) 17:323-8, 1969
The importance of foetal physiology and endocrinology in obstetrics. Abramovich DR.
Med J Aust 2:408-11, 23 Aug 69
Development of endocrine function in the human placenta and fetus (second of two parts). Villee DB.
New Eng J Med 281:533-41, 4 Sep 69 (63 ref.)
[Differentiation of adenohypophysary tissue beginning with Rathke's pocket sampled after the stage of determination in chick embryo and placed in contact with various mesenchymes] Ferrand R, et al.
C R Soc Biol (Paris) 162:2215-8, 1968 (Fre)
[Secretion of luteinizing gonadotropin and its regulation at the early human ontogenesis] Levina SE.
Probl Endokr (Moskva) 14:56-60, Nov-Dec 68 (Rus)
[REACTION OF THE HYPOPHYSIS (ACTH) f rtftse o the changes of blood estrogen level] Skebel'skaia IuB.
Probl Endokr (Moskva) 15:45-9, Jan-Feb 69 (Rus)

ENZYMOLOGY

Enzymatic hydrolysis of 125I-labeled parathyroid hormone. Fujita T, et al. Endocr Jap 16:383-9, Jun 69
Changes in lactate dehydrogenase isozyme patterns of rat anterior pituitary in varied thyroid states. Matsuzaki S, et al. Endocr Jap 16:301-8, Jun 69
Quantitative changes of acid phosphatase in the hypothalamus, pituitary, adrenals, and thyroid of mice (Mus musculus L.) exposed to large, single doses of UV or x-rays, taking into account the circadian rhythm. Surowiak J.
Folia Biol (Krakow) 17:105-40, 1969
Enzyme histochemistry of the pars intermedia of ox pituitary gland. Raftery AT. J Anat 105:307-15, Sep 69
Cyclic 3',5'-nucleotide phosphodiesterase in brain. Breckenridge BM, et al.
J Histochem Cytochem 17:505-11, Aug 69
The effect of hypothalamic lesions on the melanocyte-stimulating hormone content and histology of the pars intermedia of the rat pituitary gland. Howe A, et al.
J Physiol (London) 203:159-71, Jul 69
[Histologic and histoenzymologic study of the pituitary from several species of toads: B. alvarium, B. spinolosus, B. mazatlanensis, B. arenarum] Burlet A.
C R Soc Biol (Paris) 162:2249-51, 1968 (Fre)

GROWTH & DEVELOPMENT

Thiol groups as a factor preventing senescence and stimulating growth processes in various organisms. Oeriu S, et al. Rev Roum Physiol 5:273-8, 1968
[Functional classification and postnatal development of the anterior pituitary cells in mice] Yamashita K.
Clin Endocr (Tokyo) 17:482-91, Jun 69 (42 ref.) (Jap)

IMMUNOLOGY

Organ-specific antibodies in idiopathic panhypopituitarism, primary thyroid and adrenal insufficiency. Nerup J, et al.
Acta Med Scand 185:293-6, Apr 69

INJURIES

Pituitary lesions in craniocerebral injuries. Kornblum RN, et al. Arch Path (Chicago) 88:242-8, Sep 69

INNERVATION

[On the innervation of the endocrine glands. Contribution on modern morphology and comparative anatomy] Vollrath L.
Munchen Med Wschr 111:1464-8, 4 Jul 69 (Ger)

METABOLISM

The uptake of (6,7-3H) 17beta-oestradiol by tissues of the domestic fowl. Hawkins RA, et al. **Acta Endocr (Kobenhavn) 60:199-209, Feb 69**

Effect of cold exposure on amino acid transport and incorporation into rat anterior pituitary in vitro. Matsuzaki S, et al. **Endocr Jap 16:403-7, Jun 69**

Changes in lactate dehydrogenase isozyme patterns of rat anterior pituitary in varied thyroid states. Matsuzaki S, et al. **Endocr Jap 16:301-8, Jun 69**

A positive feedback action of androgen on pituitary follicle stimulating hormone: induction of a cyclic phenomenon. Johnson DC, et al. **Endocrinology 85:881-5, Nov 69**

Influence of norepinephrine and catecholamine-depleting agents on the synthesis and release of prolactin and growth hormone. MacLeod RM. **Endocrinology 85:916-23, Nov 69**

Effects of chronic melatonin and saline injections on pituitary adrenal secretion. Barchas J, et al. **Experientia 25:413-4, 15 Apr 69**

The involvement of cyclic 3',5'-adenosine monophosphate in the growth hormone release mechanism (s). Müller EE, et al. **Experientia 25:750-1, 1969**

Possible interaction of luteinizing hormone-releasing factor with other hypothalamic releasing factors at the level of the adenohypophysis. Crighton DB, et al. **J Endocr 44:405-10, Jul 69**

The anterior pituitary of the Japanese quail, Coturnix coturnix japonica. The cytological effects of photoperiodic stimulation. Tixier-Vidal A, et al. **Z Zellforsch 92:610-35, 1968**

[Study of the penetration of 3H-1,2-testosterone into the anterior pituitary, hypothalamus and cerebral cortex of normal and castrated rats] Samperez S, et al. **Bull Soc Chim Biol (Paris) 51:117-31, 4 Jun 69 (Fre)**

[Influence of castration and testosterone on the in vitro biosynthesis of ribonucleic acids in rat cerebral cortex, hypothalamus, and pituitary gland] Valotaire Y, et al. **Bull Soc Chim Biol (Paris) 51:211-24, 26 Jun 69 (Fre)**

[Demonstration of a macromolecular association of 3H-1-2-testosterone in normal and castrated rat anterior pituitary and hypothalamus] Samperez S, et al. **C R Acad Sci [D] (Paris) 268:2965-7, 16 Jun 69 (Fre)**

[Testicular function in idiopathic hemochromatosis] Gilbert-Dreyfus. **Rev Franc Endocr Clin 10:191-203, May-Jun 69 (Fre)**

[Synthesis and release of LH, prolactin and TSH in rabbits and birds] Kanematsu S, et al. **Saishin Igaku 24:1002-6, May 69 (Jap)**

PATHOLOGY

Cytological and cytochemical comparative study on the effect of cyproterone (anti-androgen) and gonadectomy on the gonadotrophic cells of the hypophysis in male rats. Mietkiewski K, et al. **Acta Endocr (Kobenhavn) 61:293-301, Jun 69**

Divergent responses of arteriosclerotic and non-arteriosclerotic rats to a catabolic dose of cortisone. Wexler BC, et al. **Acta Endocr (Kobenhavn) 61:509-24, Jul 69**

An autopsy case of bilateral cortical necrosis of the kidneys. Tsukahara Y, et al. **Acta Path Jap 19:45-53, Feb 69**

Pituitary lesions in craniocerebral injuries. Kornblum RN, et al. **Arch Path (Chicago) 88:242-8, Sep 69**

Effect of carbaryl on the neuroendocrine system of rats. Shtenberg AI, et al. **Food Cosmet Toxic 6:461-7, Dec 68**

Electron microscopic studies of anterior pituitary glands of vitamin E-deficient male mice. Ichihara I. **J Anat 104:455-65, May 69**

The delta cell of the human hypophysis in childhood. Haimi NS, et al. **J Clin Endocr 29:1036-41, Aug 69**

Comparative study of ovarian hypertrophy and estral cycle in rats with two different mesencephalic lesions. Griñó E, et al. **J Neurovisc Relat 31:76-85, 1968**

The effect of hypothalamic lesions on the melanocyte-stimulating hormone content and histology of the pars intermedia of the rat pituitary gland. Howe A, et al. **J Physiol (London) 203:159-71, Jul 69**

Effects of cholera on the human hypothalamus and hypophysis. II. Choudhury RP. **J Trop Med Hyg 72:185-92, Aug 69**

Pituitary enlargement with longstanding myxoedema. Patel YC, et al. **New Zeal Med J 70:21-3, Jul 69**

A study of body, adrenal and pituitary weight changes in mouse scrapie with a note on neurosecretory activity. Field EJ. **Res Vet Sci 10:151-5, Mar 69**

[Effect of fibrinolysis inhibitors on tissue changes produced by hexadimethrinbromide] Szijj I, et al. **Folia Haemat (Leipzig) 91:487-95, 1969 (Ger)**

[Histological and electron microscopic studies on hypophysectomized rats treated with lynestrenol] Th F, et al. **Z Geburtsh Gynaek 170:257-64, 1969 (Ger)**

[On two different forms of bradyrhythmic tissue damage in advanced pure senescence] Craciun EC. **Zbl Allg Path 112:179-83, 1969 (Ger)**

[New antibiotic, Josamycin. 8. 6-month toxicity test of Josamycin in rats] Hazato H, et al. **Jap J Antibiot 22:242-53, Jun 69 (Jap)**

[Cytological and cytochemical changes in the adenohypophysis of the adult male rats treated with cyproterone] Miętkiewski K, et al. **Endokr Pol 20:311-23, 1969 (Pol)**

PHYSIOLOGY

Cyclic changes in the pituitary gland of Glyptothorax pectinopterus (McClelland) in correlation with its reproductive cycle. Khanna SS, et al. **Acta Anat (Basel) 72:148-57, 1969**

The uptake of (6,7-3H) 17beta-oestradiol by tissues of the domestic fowl during an ovulation cycle. Hawkins RA, et al. **Acta Endocr (Kobenhavn) 60:210-5, Feb 69**

Effect of oestradiol benzoate on corpora lutea in rats bearing pituitary autografts. Stolzenberg SJ, et al. **Acta Endocr (Kobenhavn) 60:184-98, Feb 69**

Regulation of LH secretion in the rat. Van Rees GP. **Acta Physiol Pharmacol Neerl 15:136-40, Jun 69**

Mechanisms of Graves' disease and endocrine exophthalmos. Anderson DR. **Amer J Ophthal 68:46-57, Jul 69 (131 ref.)**

Differential patterns of glycogen metabolism in cardiac and skeletal muscles. Adrouny GA. **Amer J Physiol 217:686-93, Sep 69**

Rapid flow of blood through pituitary autografts in the rat. Goldman H, et al. **Amer J Physiol 217:567-9, Aug 69**

Acromegaly: treatment by cryoablation. Maddy JA, et al. **Ann Intern Med 71:497-505, Sep 69**

Functional capacity of intact and hybrid ribosomes from livers of normal and hypophysectomized rats. Foster LB, et al. **Arch Biochem 132:561-4, Jul 69**

The effect of hypophysectomy on rat liver glucokinase activity and on plasma glucose, insulin and nonesterified fatty acid concentrations. Dawson CM, et al. **Biochim Biophys Acta 184:287-98, 30 Jul 69**

Hypothalamic and rate feedback in the thyroid hormone regulation system: an hypothesis. DiStefano JJ 3d. **Bull Math Biophys 31:233-46, Jun 69**

Serotonin and the plasma amino acid reduction caused by a single injection of growth hormone. Sirek OV, et al. **Canad J Physiol Pharmacol 47:611-7, Jul 69**

Pituitary regulation of preovulatory estrogen secretion in the rat. Hori T, et al. **Endocr Jap 16:351-60, Jun 69**

Role of pituitary gland in melanin synthesis in tadpole skin. Kikuyama S, et al. **Endocr Jap 16:275-8, Apr 69**

Acute effects of various gonadotropins and other pituitary hormones on preovulatory ovarian progestin secretion in hypophysectomized rats. Uchida K, et al. **Endocr Jap 16:239-49, Apr 69**

Endocrine influence on urinary 5-hydroxyindoleacetic acid output in the rat. Abdel-Aziz A. **Europ J Pharmacol 7:49-55, Jul 69**

The effect of hypophysectomy on freshwater survivin teleosts of the order Atherinifoes. Schreibman MP, et al. **Gen Comp Endocr 13:27-38, Aug 69**

The role of sex hormones in problems of the mature years and beyond. Geller J. **J Amer Geriat Soc 17:861-73, Sep 69**

Hypothalamo-hypophyseal system in the minnow, Phoxinus phoxinus L. with a note on the effects of hypophysectomy. Bhargava HN. **J Comp Neurol 137:89-105, Sep 69**

Re-establishment of forelimb regeneration in adult hypophysectomized Diemictylus (Triturus) viridescens given frog anterior pituitary extract. Liversage RA, et al. **J Exp Zool 170:381-95, Apr 69**

Stimulation of the neurohypophysis of the rat by a transaural approach. Dyball RE. **J Physiol (London) 203:3P-4P, Jul 69**

A study of the parameters of electrical stimulation of unmyelinated fibres in the pituitary stalk. Harris GW, et al. **J Physiol (London) 203:67-81, Jul 69**

The effect of hypothalamic lesions on the melanocyte-stimulating hormone content and histology of the pars intermedia of the rat pituitary gland. Howe A, et al.
J Physiol (London) 203:159-71, Jul 69

Studies on the healing of long-bone fractures in hereditary pituitary insufficient mice. Hsu JD, et al.
J Surg Res 9:535-6, Sep 69

Effect of endocrines on central nervous system. II. Relkin R.
New York J Med 69:2248-65, 15 Aug 69 (279 ref.)

Hyperglycemia and arginine-initiated growth-hormone release during pregnancy. Tyson JE, et al.
Obstet Gynec 34:319-21, Sep 69

Reversible transformation of fibrous collagen to a soluble state in vivo. Klein L.
Proc Nat Acad Sci USA 62:920-7, Mar 69

Studies on the elevation of phenylethanolamine N-methyl transferase (PNMT) activity in the rat following physiologic manipulation. Ciaranello RD, et al. Proc West Pharmacol Soc 12:25-6, 1969

The role of the hypothalamus in hormonal sex differentiation. Hyyppä M.
Rev Roum Physiol 5:289-99, 1968

Physiologic and endocrinologic effects of the insecticide kepone in the Japanese quail. McFarland LZ, et al. Toxic Appl Pharmacol 15:441-50, Sep 69

Electron microscopic studies on the adenohypophysis of the white-crowned sparrow, Zonotrichia leucophrys gambelii. Mikami SI, et al.
Z Zellforsch 97:1-29, 1969

[Apropos of the hormonal determinism of labor in rats; role of estradiol] Acker G.
C R Acad Sci [D] (Paris) 268:2196-9, 28 Apr 69 (Fre)

[Hypophysectomy at the beginning of the estral cycle in rats; reestablishment of vaginal estrus and aptitude to ovulation by pituitary gonadotrophins] Acker G, et al. C R Acad Sci [D] (Paris) 268:2934-7, 16 Jun 69 (Fre)

[Effects of hypophysectomy on the fine structure of the interrenal cells of the Urodele Triturus cristatus] Berchtold JP.
C R Acad Sci [D] (Paris) 268:2262-4, 5 May 69 (Fre)

[Demonstration of the role of the pituitary in the regulation of the blood sugar of carpus (Cyprinus carpio L.) by means of adrenaline induced hyperglycemia] Mazeaud F.
C R Soc Biol (Paris) 163:24-8, 1969 (Fre)

[Hormonal activity of the gonads of hypophysectomized chick embryos] Akram H, et al.
J Embryol Exp Morph 21:509-15, Jun 69 (Fre)

[Adrenal hormones and development of hematopoietic tissue in fetal rat liver] Nagel J, et al.
J Physiol (Paris) 60:Suppl 2:503-4, 1968 (Fre)

[The influence of the adrenal cortex on adrenaline synthesis in the rat and rabbits fetus and neonate] Roffi J. J Physiol (Paris) 60:455-94, Nov-Dec 68 (Fre)

[Role of the hypothalamo-hypophyseal region in milk secretion] Delecour M, et al.
Rev Franc Gynec Obstet 62:227-32, Apr-May 67 (Fre)

[The hypophysis and gravido-puerperalism] Delecour M, et al.
Rev Franc Gynec Obstet 62:233-41, Apr-May 67 (Fre)

[Activity of the pars intermedia of the autotransplanted pituitary gland in the European eel] Olivereau M. Z Zellforsch 98:74-87, 1969 (Fre)

[On the histomorphology of the adenohypophysis of a nutria (Myocastor coypus [Molina]) with special reference to the distal part of the adenohypophysis] Wilhelm A, et al.
Z Mikr Anat Forsch 79:557-72, 1968 (mo ref.) (Ger)

[Relationship between ultrastructure and function of the anterior pituitary gland in birds] Mikami S.
Clin Endocr (Tokyo) 17:502-11, Jun 69 (28 ref.) (Jap)

[Studies on glucose tolerance and glucose-insulin response of hypophysectomized rats] Onoe K, et al.
Folia Endocr Jap 45:321-5, 20 Jun 69 (Jap)

[Morphology of the central nervous control system in the eminence of the pituitary tract] Sano Y.
Saishin Igaku 24:962-6, May 69 (Jap)

[The importance of the anterior part of the hypothalamus in the reaction of the luteinizing function of the adenohypophysis] Dmitrieva OK.
Akush Ginek (Moskva) 45:44-8, May 69 (Rus)

[A study of pituitary effect on the regulation of intraocular pressure] Kopp OP.
Oftal Zh 24:147-51, 1969 (Rus)

[Biosynthesis of ACTH and somatotropin in rat hypophyses following prednisolone block, immobilization and starvation] Bezdrobnyí IuV.
Probl Endokr (Moskva) 15:74-7, Mar-Apr 69 (Rus)

[A comparative study of estradiol sensitivity of luteinizing function of hypophysis in intact and castrated female rats] Dmitrieva OK.
Probl Endokr (Moskva) 14:85-9, May-Jun 68 (Rus)

[Secretion of corticosteroids by adrenal glands of guinea pigs after hypophysectomy] Iudaev NA, et al.
Probl Endokr (Moskva) 14:61-6, Nov-Dec 68 (Rus)

[Early steroid regulation of sexual differentiation of the brain (review of the literature)] Vunder PA.
Probl Endokr (Moskva) 15:114-20, May-Jun 69 (53 ref.) (Rus)

[The activity of tryptophan pyrrolase in rat liver in health and in stress] Golotin VG, et al.
Vop Med Khim 15:16-21, Jan-Feb 69 (Rus)

PHYSIOPATHOLOGY

Evaluation of metopiron and ACTH tests in prolonged corticosteroid treatment of chronic asthma. Lass N, et al. Int Arch Allerg 36:180-5, 1969

A study of body, adrenal and pituitary weight changes in mouse scrapie with a note on neurosecretory activity. Field EJ. Res Vet Sci 10:151-5, Mar 69

[Addison disease and mineralotropic function evaluated in 10 patients by static and dynamic determinations of the urinary tetrahydroaldosterone] Schaison G, et al.
Rev Franc Endocr Clin 10:221-31, May-Jun 69 (Fre)

RADIATION EFFECTS

Delayed radiation necrosis of the hypothalamus. Report of a case simulating recurrent craniopharyngioma. Ghatak NR, et al.
Arch Neurol (Chicago) 21:425-30, Oct 69

Effect of light and darkness upon thyroid secretion rate and on the endocrine glands of female rats. Singh DV, et al. Proc Soc Exp Biol Med 131:1296-9, Sep 69

[Some problems of the effect of irradiation of the diencephalo-hypophyseal region in the pathological state on the endocrine glands] Draznin NM, et al.
Probl Endokr (Moskva) 15:33-7, May-Jun 69 (Rus)

SECRETION

Human growth hormone levels during the menstrual cycle. Speliacy WN, et al.
Amer J Obstet Gynec 104:1138-42, 15 Aug 69

Brain monoamines and adrenocortical activation. De Schaepdryver A, et al.
Brit J Pharmacol 35:460-7, Mar 69

ACTH secretion from the pituitary transplanted in apposition with the adrenal cortex under the renal capsule. Ishikawa H, et al. Endocr Jap 16:331-49, Jun 69

Ovarian secretion of progesterone and 20alpha-hydroxypregn-4-en-3-one during rat estrous cycle in chronological relation to pituitary release of luteinizing hormone. Uchida K, et al.
Endocr Jap 16:227-37, Apr 69

Effect of biogenic amines, FSH-releasing factor (FRF) and other substances on the release of FSH by pituitaries incubated in vitro. Kamberi IA, et al.
Endocrinology 85:815-24, Nov 69

Isolation and properties of porcine thyrotropin-releasing hormone. Schally AV, et al.
J Biol Chem 244:4077-88, 10 Aug 69

Once-a-day neurally stimulated and basal ACTH secretion phases in man and their response to corticoid inhibition. Ceresa F, et al.
J Clin Endocr 29:1074-82, Aug 69

Stimulation of LH release in men and women by LH-releasing hormone purified from porcine hypothalami. Kastin AJ, et al.
J Clin Endocr 29:1046-50, Aug 69

A study of the parameters of electrical stimulation of unmyelinated fibres in the pituitary stalk. Harris GW, et al. J Physiol (London) 203:67-81, Jul 69

Effects of cholera on the human hypothalamus and hypophysis. II. Choudhury RP.
J Trop Med Hyg 72:185-92, Aug 69

An ultrastructural study of the adrenocorticotrophic hormone-secreting cell in the rat adenohypophysis during adrenal cortical regeneration. Nakayama I, et al. Lab Invest 21:169-78, Aug 69

Effect of glutethimide and aminoglutethimide on the pituitary-adrenal system. Schofield S, et al.
Proc West Pharmacol Soc 12:109-11, 1969

On the mechanism of sexual differentiation of the rat hypothalamus. Flerkó B, et al.
Rass Neurol Veg 21:85-98, 30 Apr 67

[Luteinizing action of a folliculostimulating preparation (FSH) in mature rats] Aron C, et al. C R Acad Sci [D] (Paris) 268:830-3, 3 Feb 69 (Fre)
[Synthetic polypeptide derivatives with thyrotropin releasing factor hypophysiotropic activity] Burgus R, et al.
C R Acad Sci [D] (Paris) 268:2116-8, 21 Apr 69 (Fre)
[Role of 3'-5'-monophosphate cyclic adenosine in the liberation of pituitary TSH] Cehovic G.
C R Acad Sci [D] (Paris) 268:2929-31, 16 Jun 69 (Fre)
[Measurement of releasing factors] Ito S, et al.
Clin Endocr (Tokyo) 17:274-84, Apr 69 (134 ref.) (Jap)
[Electron microscopic findings of the general structure and secretory mechanism of the anterior pituitary cells] Kurosumi K.
Clin Endocr (Tokyo) 17:471-81, Jun 69 (22 ref.) (Jap)
[Functional classification and postnatal development of the anterior pituitary cells in mice] Yamashita K.
Clin Endocr (Tokyo) 17:482-91, Jun 69 (42 ref.) (Jap)
[Short feedback control of gonadotropin secretion of the anterior pituitary gland] Igarashi M, et al.
Saishin Igaku 24:993-6, May 69 (Jap)
[Mechanism of ACTH secretion in the pituitary gland] Ito S, et al. Saishin Igaku 24:986-8, May 69 (Jap)
[Neuroendocrine mechanism in the control of TSH secretion. 3. TRF determination in vitro] Tsuji S, et al.
Saishin Igaku 24:876-83, Apr 69 (Jap)
[Hypothalamic control of the luteinizing function of the hypophysis in male rats] Babichev VN.
Probl Endokr (Moskva) 15:68-72, May-Jun 69 (Rus)
[Concentration of the hypothalamic factor, stimulating hypophyseal secretion of the luteinizing hormone] Basova GG, et al.
Probl Endokr (Moskva) 14:78-82, May-Jun 68 (Rus)
[Secretion of luteinizing gonadotropin and its regulation at the early human ontogenesis] Levina SE.
Probl Endokr (Moskva) 14:56-60, Nov-Dec 68 (Rus)
[REACTION OF THE HYPOPHYSIS (ACTH) f rtftse o the changes of blood estrogen level] Skebel'skaia IuB.
Probl Endokr (Moskva) 15:45-9, Jan-Feb 69 (Rus)

SURGERY

Transphenoidal microsurgery of the normal and pathological pituitary. Hardy J.
Clin Neurosurg 16:185-217, 1969
Radiofrequency thermal hypophysectomy. Technical note. Zervas NT, et al. J Neurosurg 30:511-4, Apr 69

TRANSPLANTATION

Effect of oestradiol benzoate on corpora lutea in rats bearing pituitary autografts. Stolzenberg SJ, et al.
Acta Endocr (Kobenhavn) 60:184-98, Feb 69
Rapid flow of blood through pituitary autografts in the rat. Goldman H, et al. Amer J Physiol 217:567-9, Aug 69
ACTH secretion from the pituitary transplanted in apposition with the adrenal cortex under the renal capsule. Ishikawa H, et al. Endocr Jap 16:331-49, Jun 69
Hypothalamic control of ACTH release from ectopic pituitary glands. Sirett NE, et al.
Endocrinology 85:784-8, Oct 69
Hair color, molt, and testis size in male, short-tailed weasels treated with melatonin. Rust CC, et al.
Science 165:921-2, 29 Aug 69
[Activity of the pars intermedia of the autotransplanted pituitary gland in the European eel] Olivereau M. Z Zellforsch 98:74-87, 1969 (Fre)
[Some aspects of the problem of transplantation of endocrine glands] Voitkevich AA, et al.
Probl Endokr (Moskva) 14:105-8, Nov-Dec 68 (Rus)

PITUITARY GLAND FUNCTION TESTS

Anterior and posterior hypopituitarism associated with sickle cell trait. Pastore RA, et al.
Ann Intern Med 71:593-8, Sep 69
The role of sex hormones in problems of the mature years and beyond. Gelier J.
J Amer Geriat Soc 17:861-73, Sep 69
[Evaluation of the pituitary ACTH reserve in patients irradiated for cerebral neoplasms] Bonanni G.
Nunt Radiol 34:411-9, May 68 (Ita)
[Hypophyseal reserve in patients with peptic ulcer] Lubczyńska-Kowalska W, et al.
Pol Tyg Lek 24:582-3, 21 Apr 69 (Pol)

PITUITARY GLAND IRRADIATION

Transphenoidal microsurgery of the normal and pathological pituitary. Hardy J.
Clin Neurosurg 16:185-217, 1969
Hormone-induced modifications of free tyrosine in the rat thyroid gland. Hodge JV, et al.
J Physiol (London) 203:1-12, Jul 69
Pituitary destruction for diabetic retinopathy.
Lancet 2:415-6, 23 Aug 69
High-energy heavy charged particles in medicine. Chong CY, et al.
Radiol Clin N Amer 7:319-43, Aug 69 (179 ref.)
[Diabetic generalized microangiopathy, diabetic retinopathy, severe polyneuropathy, beginning gangrene of the leg--successfully treated with implantation of 32P into the adenohypophysis] Dub O, et al. Cas Lek Cesk 108:1053-5, Jul 69 (Cze)
[Surgery of the pituitary gland, using the open trans-sphenoidal approach. Comparative study of 2 technical methods] Hardy J.
Ann Chir 21:1011-22, Aug-Sep 67 (Fre)
[The intracellular protracted long term radiation treatment of pituitary adenoma by means of stereotaxic implantation of iridium 192] Mundinger F.
Acta Radiol [Ther] (Stockholm) 8:55-62, Feb-Apr 69 (Ger)
[Irradiation of the diencephalon and hypophysis in the therapy of hemorrhagic and angiopathic retinal diseases. I. Diabetic retinopathy] Cosmacini G, et al.
Ann Ottal 94:893-902, Aug 68 (Ita)
[Diencephalic-hypophysial irradiation in the therapy of retinal hemorrhagic and angiopathic diseases. II. Eales disease and thrombosis of the retinal veins] Cosmacini G, et al. Ann Ottal 94:929-36, Aug 68 (Ita)
[Radiologic therapy of breast carcinoma. Questions and problems] Buraggi GL.
Minerva Radiol 13:556-62, Oct 68 (Ita)
[Current problems in the therapy of diffuse breast carcinoma] Di Pietro S.
Minerva Radiol 13:569-73, Oct 68 (Ita)
[Evaluation of the pituitary ACTH reserve in patients irradiated for cerebral neoplasms] Bonanni G.
Nunt Radiol 34:411-9, May 68 (Ita)
[Treatment of some endocrine diseases by administration of radioactive yttrium into hypophysis] Dol'iotti DCh.
Probl Endokr (Moskva) 14:3-10, Nov-Dec 68 (Rus)
[Destruction of the hypophysis by interstitial irradiation (review of the literature)] Liass FM.
Vop Neirokhir 33:52-6, Mar-Apr 69 (37 ref.) (Rus)

PITUITARY GLAND, POSTERIOR

Anterior and posterior hypopituitarism associated with sickle cell trait. Pastore RA, et al.
Ann Intern Med 71:593-8, Sep 69
[Post-hypophysis in the treatment of digestive hemorrhage] Bories-Azeau A, et al.
Arch Franc Mal Appar Dig 56:429-34, May 67 (Fre)
[New endocrine disorders attracting current interest--posterior pituitary gland and syndrome of excessive secretion of vasopressin (ADH)] Saito T.
Clin Endocr (Tokyo) 17:389-94, May 69 (47 ref.) (Jap)

ANALYSIS

Chromophobe pituitary adenoma with acromegaly and TSH-induced hyperthyroidism associated with parathyroid adenoma. Acromegaly and parathyroid adenoma. Lamberg BA, et al.
Acta Endocr (Kobenhavn) 60:157-72, Jan 69
The active neurohypophysial principles of two primitive bony fishes, the bichir (Polypterus senegalis) and the African lungfish (Protopterus aethiopicus). Sawyer WH. J Endocr 44:421-35, Jul 69

ANATOMY & HISTOLOGY

[Vascularization of the avian hypophysis] Duvernoy H, et al. J Neurovisc Relat 31:109-27, 1969 (Fre)
[Ultrastructure of the neurohypophysis of the rat in postnatal ontogenesis] Priimak EKh.
Arkh Anat 56:34-41, Jan 69 (Rus)

BLOOD SUPPLY

[Sub-ependymal vessels of the hypophyseal recess] Duvernoy H, et al. J Hirnforsch 10:227-45, 1968 (Fre)

[Vascularization of the avian hypophysis] Duvernoy H, et al. J Neurovisc Relat 31:109-27, 1969 (Fre)
[Ultrastructure of the neurohypophysis of the rat in postnatal ontogenesis] Priĭmak EKh.
Arkh Anat 56:34-41, Jan 69 (Rus)

CYTOLOGY

Effect of excess L-thyroxine on the hypothalamus of thyroidectomized rat. Talanti S.
Ann Med Exp Biol Fenn 46:132-6, 1968
Ultrastructural changes in the neural lobe of the hypophysis of the kangaroo rat (Dipodomys merriami) following intraperitoneal injection of hypertonic sodium chloride. Scott DE.
Neuroendocrinology 4:347-67, 1969
The effects of metopirone and aldactone on the pars distalis of the pituitary, the interrenal tissue and the interstitial tissue of the testis in the common frog, Rana temporaria. Kemenade JA van.
Z Zellforsch 96:466-77, 1969
[The origin of "synaptic" vesicles in neurosecretory axons] Vollrath L. Z Zellforsch 99:146-52, 1969 (Ger)
[Ultrastructure of the neurohypophysis of the rat in postnatal ontogenesis] Priĭmak EKh.
Arkh Anat 56:34-41, Jan 69 (Rus)

DRUG EFFECTS

Ultrastructural changes in the neural lobe of the hypophysis of the kangaroo rat (Dipodomys merriami) following intraperitoneal injection of hypertonic sodium chloride. Scott DE.
Neuroendocrinology 4:347-67, 1969
The effects of metopirone and aldactone on the pars distalis of the pituitary, the interrenal tissue and the interstitial tissue of the testis in the common frog, Rana temporaria. Kemenade JA van.
Z Zellforsch 96:466-77, 1969

EMBRYOLOGY

[Study of monoamine oxidase activity in the chick neurohypophysis during embryonic life] Guedenet JC, et al. C R Soc Biol (Paris) 162:2252-4, 1968 (Fre)

ENZYMOLOGY

Quantitative changes of acid phosphatase in the hypothalamus, pituitary, adrenals, and thyroid of mice (Mus musculus L.) exposed to large, single doses of UV or x-rays, taking into account the circadian rhythm. Surowiak J.
Folia Biol (Krakow) 17:105-40, 1969
[Study of monoamine oxidase activity in the chick neurohypophysis during embryonic life] Guedenet JC, et al. C R Soc Biol (Paris) 162:2252-4, 1968 (Fre)

GROWTH & DEVELOPMENT

[Animal experimental studies on the influence of hunger on the development of the neurosecretory hypothalamo-neurohypophyseal system] Rodeck H.
J Neurovisc Relat 31:136-60, 1969 (Ger)
[Ultrastructure of the neurohypophysis of the rat in postnatal ontogenesis] Priĭmak EKh.
Arkh Anat 56:34-41, Jan 69 (Rus)

INNERVATION

Evidence for a doubly innervated secretory unit in the anuran pars intermedia. II. Electron microscopic studies. Nakai Y, et al.
Gen Comp Endocr 13:108-16, Aug 69
Evidence for a doubly innervated secretory unit in the anuran pars intermedia. I. Electrophysiologic studies. Oshima K, et al. Gen Comp Endocr 13:98-107, Aug 69
[Study of monoamine oxidase activity in the chick neurohypophysis during embryonic life] Guedenet JC, et al. C R Soc Biol (Paris) 162:2252-4, 1968 (Fre)
[The central nervous apparatus for regulation of osmosis] Walloe L.
T Norsk Laegeforen 89:1077-82, 1 Jul 69 (Nor)

METABOLISM

Effect of excess L-thyroxine on the hypothalamus of thyroidectomized rat. Talanti S.
Ann Med Exp Biol Fenn 46:132-6, 1968
[Ultrastructure of the neurohypophysis of the rat in postnatal ontogenesis] Priĭmak EKh.
Arkh Anat 56:34-41, Jan 69 (Rus)

PATHOLOGY

Effects of cholera on the human hypothalamus and hypophysis. II. Choudhury RP.
J Trop Med Hyg 72:185-92, Aug 69

PHYSIOLOGY

Evidence for a doubly innervated secretory unit in the anuran pars intermedia. I. Electrophysiologic studies. Oshima K, et al. Gen Comp Endocr 13:98-107, Aug 69
Antidromic activation of neurones in the paraventricular nucleus by stimulation in the neural lobe of the pituitary. Cross BA, et al.
J Physiol (London) 203:68P-70P, Jul 69
[The hypophysis and gravido-puerperalism] Delecour M, et al.
Rev Franc Gynec Obstet 62:233-41, Apr-May 67 (Fre)

PHYSIOPATHOLOGY

Ultrastructural changes in the neural lobe of the hypophysis of the kangaroo rat (Dipodomys merriami) following intraperitoneal injection of hypertonic sodium chloride. Scott DE.
Neuroendocrinology 4:347-67, 1969
[The hypophysis and gravido-puerperalism] Delecour M, et al.
Rev Franc Gynec Obstet 62:233-41, Apr-May 67 (Fre)
[Animal experimental studies on the influence of hunger on the development of the neurosecretory hypothalamo-neurohypophyseal system] Rodeck H.
J Neurovisc Relat 31:136-60, 1969 (Ger)

RADIATION EFFECTS

Evidence for a doubly innervated secretory unit in the anuran pars intermedia. I. Electrophysiologic studies. Oshima K, et al. Gen Comp Endocr 13:98-107, Aug 69

SECRETION

In vitro studies of the release mechanism for vasopressin in rats. 3. Effect of metabolic inhibitors on the release. Warberg J, et al.
Acta Endocr (Kobenhavn) 61:415-24, Jul 69
Evidence for a doubly innervated secretory unit in the anuran pars intermedia. II. Electron microscopic studies. Nakai Y, et al.
Gen Comp Endocr 13:108-16, Aug 69
Evidence for a doubly innervated secretory unit in the anuran pars intermedia. I. Electrophysiologic studies. Oshima K, et al. Gen Comp Endocr 13:98-107, Aug 69
[On the effect of catecholamines on synthesis and secretion of oxytocin] Yano S.
Saishin Igaku 24:1026-30, May 69 (Jap)

SURGERY

Transphenoidal microsurgery of the normal and pathological pituitary. Hardy J.
Clin Neurosurg 16:185-217, 1969

PITUITARY

II. Disorders of the Pituitary Gland

ACROMEGALY

Pregnancy and acromegaly. Stanton SL.
Proc Roy Soc Med 62:835, Aug 69

BLOOD

Chromophobe pituitary adenoma with acromegaly and TSH-induced hyperthyroidism associated with parathyroid adenoma. Acromegaly and parathyroid adenoma. Lamberg BA, et al.
Acta Endocr (Kobenhavn) 60:157-72, Jan 69

A comparative study of the sulfation factor and immunodetectable growth hormone in serum. Yde H.
Acta Endocr (Kobenhavn) 62:49-55, Sep 69

Acromegaly: treatment by cryoablation. Maddy JA, et al. Ann Intern Med 71:497-505, Sep 69

Determination of human and bovine growth hormones in the physiological range by the immunoelectroadsorption method. Rothen A, et al.
Experientia 25:420-1, 15 Apr 69

A fast procedure for radioimmunoassay of H.G.H. Pennisi F. J Nucl Biol Med 12:137-8, Jul-Sep 68

Serum-insulin in acromegaly. Elkeles RS, et al.
Lancet 2:615-8, 20 Sep 69

[Advances and problems of hormone measurement: growth hormone (GH)] Imura H, et al.
Clin Endocr (Tokyo) 17:261-9, Apr 69 (53 ref.) (Jap)

[Evaluation of some radioimmunologic methods of determination of growth hormone in blood serum (literature review)] Balabolkin MI.
Lab Delo 6:329-33, 1969 (23 ref.) (Rus)

[Determination of growth hormone in blood serum by a radioimmunologic method] Balabolkin MI.
Lab Delo 6:333-7, 1969 (Rus)

[Blood insulin activity in acromegaly] Drzhevetskaia IA. Probl Endokr (Moskva) 14:18-20, May-Jun 68 (Rus)

COMPLICATIONS

Chromophobe pituitary adenoma with acromegaly and TSH-induced hyperthyroidism associated with parathyroid adenoma. Acromegaly and parathyroid adenoma. Lamberg BA, et al.
Acta Endocr (Kobenhavn) 60:157-72, Jan 69

Serum-insulin in acromegaly. Elkeles RS, et al.
Lancet 2:615-8, 20 Sep 69

A case of secondary amenorrhoea. Farr JA, et al.
Med Serv J Canada 23:1387-92, Dec 67

[Catapresan--a new hypotensive agent] Tarkowska A.
Pol Tyg Lek 24:934-6, 16 Jun 69 (Pol)

DIAGNOSIS

Holmesian observation without deduction. Nusynowitz ML. JAMA 209:2056-7, 29 Sep 69

ETIOLOGY

Chromophobe pituitary adenoma with acromegaly and TSH-induced hyperthyroidism associated with parathyroid adenoma. Acromegaly and parathyroid adenoma. Lamberg BA, et al.
Acta Endocr (Kobenhavn) 60:157-72, Jan 69

Acromegaly: treatment by cryoablation. Maddy JA, et al. Ann Intern Med 71:497-505, Sep 69

[Teletherapy of adenoma of the hypophysis] Ruderman AI, et al.
Probl Endokr (Moskva) 13:42-9, May-Jun 67 (Rus)

METABOLISM

[Disorders of lipids metabolism in acromegaly] Balabolkin MI.
Probl Endokr (Moskva) 15:30-3, Jan-Feb 69 (Rus)

[Concerning the metabolism of biogenic amines in some endocrine diseases] Teodosiev L, et al.
Probl Endokr (Moskva) 14:46-9, Nov-Dec 68 (Rus)

PHYSIOPATHOLOGY

Hand volume and skin thickness in a normal population and in acromegaly. Bhatia SK, et al.
Acta Endocr (Kobenhavn) 61:385-92, Jul 69

RADIOTHERAPY

Serum-insulin in acromegaly. Elkeles RS, et al.
Lancet 2:615-8, 20 Sep 69

High-energy heavy charged particles in medicine. Chong CY, et al.
Radiol Clin N Amer 7:319-43, Aug 69 (179 ref.)

[Evaluation of the pituitary ACTH reserve in patients irradiated for cerebral neoplasms] Bonanni G.
Nunt Radiol 34:411-9, May 68 (Ita)

[Some problems of the effect of irradiation of the diencephalo-hypophyseal region in the pathological state on the endocrine glands] Draznin NM, et al.
Probl Endokr (Moskva) 15:33-7, May-Jun 69 (Rus)

SURGERY

Acromegaly: treatment by cryoablation. Maddy JA, et al. Ann Intern Med 71:497-505, Sep 69

THERAPY

[Management of excessive growth in body height] Rappaport R.
Ann Pediat (Paris) 14:530-1, Jun-Jul 67 (Fre)

[Treatment of some endocrine diseases by administration of radioactive yttrium into hypophysis] Dol'iotti DCh.
Probl Endokr (Moskva) 14:3-10, Nov-Dec 68 (Rus)

ADENOMA, CHROMOPHOBE

CEREBROSPINAL FLUID

Cytopathology of the cerebrospinal fluid examined with the sedimentation technique after Sayk. Hartog Jager WA den. J Neurol Sci 9:155-77, Jul-Aug 69

COMPLICATIONS

Chromophobe pituitary adenoma with acromegaly and TSH-induced hyperthyroidism associated with parathyroid adenoma. Acromegaly and parathyroid adenoma. Lamberg BA, et al.
Acta Endocr (Kobenhavn) 60:157-72, Jan 69

Pituitary apoplexy in a woman with chromophobe adenoma. Tevaarwerk GM, et al.
Proc Roy Soc Med 62:707-9, 7 Jul 69

[Chromophobe adenoma of the hypophysis associated with hyperinsulinemia, hyperglycemia and high concentration of free fatty acids] Valenti G, et al.
G Clin Med 48:1219-33, Dec 67 (Ita)

DIAGNOSIS

[Diagnostic difficulties in giant adenomas of the pituitary. Apropos of a personal case] Mouren P, et al.
Marseille Med 104:611-4, 1967 (Fre)

[Chromophobe adenoma of the pituitary gland diagnosed as postgestational hypothalamosis] Czerwiński L, et al. Ginek Pol 40:809-15, Jul 69 (Pol)

MORTALITY

[The intracellular protracted long term radiation treatment of pituitary adenoma by means of stereotaxic implantation of iridium 192] Mundinger F.
Acta Radiol [Ther] (Stockholm) 8:55-62, Feb-Apr 69 (Ger)

PATHOLOGY

[Calcifications in pituitary adenomas] Cecchini A.
Minerva Radiol 13:490-5, Oct 68 (Ita)

[Chromophobe adenoma of the pituitary gland diagnosed as postgestational hypothalamosis] Czerwiński L, et al. Ginek Pol 40:809-15, Jul 69 (Pol)

RADIOGRAPHY

[Calcifications in pituitary adenomas] Cecchini A. Minerva Radiol 13:490-5, Oct 68 (Ita)

RADIOTHERAPY

Pituitary apoplexy in a woman with chromophobe adenoma. Tevaarwerk GM, et al. Proc Roy Soc Med 62:707-9, 7 Jul 69

[The intracellular protracted long term radiation treatment of pituitary adenoma by means of stereotaxic implantation of iridium 192] Mundinger F. Acta Radiol [Ther] (Stockholm) 8:55-62, Feb-Apr 69 (Ger)

ADENOMA, EOSINOPHILIC

MORTALITY

[The intracellular protracted long term radiation treatment of pituitary adenoma by means of stereotaxic implantation of iridium 192] Mundinger F. Acta Radiol [Ther] (Stockholm) 8:55-62, Feb-Apr 69 (Ger)

PATHOLOGY

[Calcifications in pituitary adenomas] Cecchini A. Minerva Radiol 13:490-5, Oct 68 (Ita)

RADIOGRAPHY

[Calcifications in pituitary adenomas] Cecchini A. Minerva Radiol 13:490-5, Oct 68 (Ita)

RADIOTHERAPY

[The intracellular protracted long term radiation treatment of pituitary adenoma by means of stereotaxic implantation of iridium 192] Mundinger F. Acta Radiol [Ther] (Stockholm) 8:55-62, Feb-Apr 69 (Ger)

CHIARI-FROMMEL SYNDROME

[New endocrine disorders attracting current interest--female gonadal system] Tojo S. Clin Endocr (Tokyo) 17:422-6, May 69 (Jap)

CRANIOPHARYNGIOMA

Management of craniopharyngioma in childhood. Matson DD, et al. J Neurosurg 30:377-90, Apr 69

[Clinical aspects of hypothalamic diseases in childhood] Suzuki Y, et al. Advances Neurol Sci (Tokyo) 12:987-99, Dec 68 (Jap)

CEREBROSPINAL FLUID

Cytopathology of the cerebrospinal fluid examined with the sedimentation technique after Sayk. Hartog Jager WA den. J Neurol Sci 9:155-77, Jul-Aug 69

[Autopsy case of craniopharyngioma preceded by fever and diabetes insipidus] Hirose K, et al. Saishin Igaku 24:1299-306, Jun 69 (Jap)

COMPLICATIONS

[Symptomatic algias associated with an endocranial syndrome of the basis of skull] Cruz NA, et al. Ann Otolaryng (Paris) 86:259-66, Apr-May 69 (Fre)

[Autopsy case of craniopharyngioma preceded by fever and diabetes insipidus] Hirose K, et al. Saishin Igaku 24:1299-306, Jun 69 (Jap)

DIAGNOSIS

Management of craniopharyngioma in childhood. Matson DD, et al. J Neurosurg 30:377-90, Apr 69

[EEG evaluation as cause of delayed brain tumor diagnosis] Schwarz HJ. Psychiat Neurol Med Psychol (Leipzig) 20:416-20, Nov 68 (Ger)

DRUG THERAPY

Management of craniopharyngioma in childhood. Matson DD, et al. J Neurosurg 30:377-90, Apr 69

ETIOLOGY

Management of craniopharyngioma in childhood. Matson DD, et al. J Neurosurg 30:377-90, Apr 69

PATHOLOGY

[Autopsy case of craniopharyngioma preceded by fever and diabetes insipidus] Hirose K, et al. Saishin Igaku 24:1299-306, Jun 69 (Jap)

RADIOGRAPHY

Management of craniopharyngioma in childhood. Matson DD, et al. J Neurosurg 30:377-90, Apr 69

RADIOTHERAPY

A new approach to inoperable craniopharyngiomas. Trippi AC, et al. Amer J Surg 118:307-10, Aug 69

Delayed radiation necrosis of the hypothalamus. Report of a case simulating recurrent craniopharyngioma. Ghatak NR, et al. Arch Neurol (Chicago) 21:425-30, Oct 69

Management of craniopharyngioma in childhood. Matson DD, et al. J Neurosurg 30:377-90, Apr 69

SURGERY

A new approach to inoperable craniopharyngiomas. Trippi AC, et al. Amer J Surg 118:307-10, Aug 69

Management of craniopharyngioma in childhood. Matson DD, et al. J Neurosurg 30:377-90, Apr 69

DIABETES INSIPIDUS

Renal tubular disorders in children. Wenzl JE. Postgrad Med 46:155-60, Aug 69

BLOOD

Diurnal variations of the plasma cortisol level in diabetes insipidus. Czakó L, et al. Acta Med Acad Sci Hung 26:197-202, 1969

[The cardiovascular circulation system in diabetes insipidus and the effect of pregnancy upon it] Retzke, et al. Z Ges Inn Med 24:198-204, 1 Apr 69 (Ger)

COMPLICATIONS

Massive spasms associated with holoprosencephaly. Schimschock JR, et al. Amer J Dis Child 118:520-4, Sep 69

[Inhibition of polydipsia and polyuria by Tegretal in patients with hypophysectomy and patients with diabetes insipidus] Frahm H, et al. Med Welt 27:1529-33, 5 Jul 69 (Ger)

[Nephrogenic diabetes insipidus and Gougerot-Sjogren syndrome] Zucchelli P, et al. G Clin Med 48:1234-51, Dec 67 (Ita)

[Nephrogenic diabetes insipidus] Mashimo K, et al. Jap J Clin Med 27:1244-51, Apr 69 (Jap)

[Brain diseases with hypernatremia] Takaoka Y, et al. Jap J Clin Med 27:1227-30, Apr 69 (Jap)

[Autopsy case of craniopharyngioma preceded by fever and diabetes insipidus] Hirose K, et al. Saishin Igaku 24:1299-306, Jun 69 (Jap)

DIAGNOSIS

[Reflections on a case of tumor of the pineal region] Schmitt J, et al. Rev Otoneuroophtal 41:18-25, Jan-Feb 69 (Fre)

DRUG THERAPY

Chlorpropamide antidiuresis. Radó J, et al. Lancet 2:433-4, 23 Aug 69

[Adiurecrine resistance in diabetes insipidus] Geller LI. Probl Endokr (Moskva) 13:55-6, May-Jun 67 (Rus)

[A clinical study with 4-chloro-N-(furylmethyl) 5-sulfamoyl-anthranilic acid (Lasix)] Onen K, et al. Tip Fak Mec (Istanbul) 31:257-66, 1968 (Tur)

ETIOLOGY

Chlorpropamide antidiuresis. Radó J, et al.
Lancet 2:433-4, 23 Aug 69
Renographic studies during furosemide diuresis in partial ureteral obstruction. Radó JP, et al.
Radiol Clin (Basel) 38:132-46, 1969
[Clinical aspects of hypothalamic diseases in childhood] Suzuki Y, et al.
Advances Neurol Sci (Tokyo) 12:987-99, Dec 68 (Jap)
[Pathogenetic mechanism of diabetes insipidus and the problems of its therapy] Vein AM, et al.
Probl Endokr (Moskva) 15:42-8, May-Jun 69 (Rus)

FAMILIAL & GENETIC

[Nephrogenic diabetes insipidus] Mashimo K, et al.
Jap J Clin Med 27:1244-51, Apr 69 (Jap)

METABOLISM

Control of sodium reabsorption. Wardener HE de.
Brit Med J 3:676-83, 20 Sep 69 (134 ref.)
Effect of vasopressin on sodium and potassium reabsorption by the renal tubules in man. Barraclough M, et al. J Physiol (London) 203:71P-72P, Jul 69
[Clinical problems in body fluid balance] Koshikawa S, et al. Jap J Clin Med 27:1141-50, Apr 69 (83 ref.) (Jap)

PATHOLOGY

[Nephrogenic diabetes insipidus] Mashimo K, et al.
Jap J Clin Med 27:1244-51, Apr 69 (Jap)

PHYSIOPATHOLOGY

[Pathogenetic mechanism of diabetes insipidus and the problems of its therapy] Vein AM, et al.
Probl Endokr (Moskva) 15:42-8, May-Jun 69 (Rus)

THERAPY

[Pathogenetic mechanism of diabetes insipidus and the problems of its therapy] Vein AM, et al.
Probl Endokr (Moskva) 15:42-8, May-Jun 69 (Rus)

DWARFISM

Turner syndrome and Noonan's syndrome. Carballo EC.
J Pediat 75:729-30, Oct 69
[Diastrophic dwarfism. (Apropos of 6 cases, including 3 cases in the newborn] Monnet P, et al.
Ann Pediat (Paris) 14:483-9, Jun-Jul 67 (Fre)
[On the psycho-socio(patho)logy of the chondrodystorphic dwarf] Lange E, et al.
Bibl Psychiat Neurol 142:132-54, 1969 (Ger)
[On the neurological manifestations of xeroderma pigmentosum] Hokkanen E, et al.
Deutsch Z Nervenheilk 196:206-16, 1969 (Ger)
[The Bloom syndrome] Matsuda H.
Praxis 57:1523-7, 5 Nov 68 (Ger)

BLOOD

Herdopathia atactica polyneuritiformis (Refsum's disease). The diagnostic value of phytamic acid determination in serum lipids. Try K.
Europ Neurol 2:296-314, 1969
[Advances and problems of hormone measurement: growth hormone (GH)] Imura H, et al.
Clin Endocr (Tokyo) 17:261-9, Apr 69 (53 ref.) (Jap)
[Evaluation of some radioimmunologic methods of determination of growth hormone in blood serum (literature review)] Balabolkin MI.
Lab Delo 6:329-33, 1969 (23 ref.) (Rus)

CHEMICALLY INDUCED

[Action of parathion on the development of quail embryo] Lutz-Ostertag Y, et al.
C R Acad Sci [D] (Paris) 268:2911-3, 16 Jun 69 (Fre)

CLASSIFICATION

Variability in little people. Gardner LI.
JAMA 209:1528, 8 Sep 69

COMPLICATIONS

Congenital dislocation of the head of the radius.
Almquist EE, et al.
J Bone Joint Surg [Amer] 51:1118-27, Sep 69
Hereditary lymphopenic agammaglobulinemia associated with a distinctive form of short-limbed dwarfism and ectodermal dysplasia. Gatti RA, et al.
J Pediat 75:675-84, Oct 69
[Endocrine interrelations in diabetes mellitus in children] Barta L.
Arch Kinderheilk 179:7-16, May 69 (Ger)
[Developmental disorders of the hip in diastrophic dwarfism] Emr J, et al.
Beitr Orthop Trauma 15:671-4, 1968 (Ger)
[Ectodermal dysplasia with bird-face, congenital cararact, skull abnormalities and nanism] Majcherski T, et al. Kinderaerztl Prax 36:553-9, Dec 68 (Ger)
[Mauriac syndrome and diabetic enteropathy] Berchtold P, et al. Praxis 58:1108-15, 2 Sep 69 (Ger)

DIAGNOSIS

Two different mutations within the same sibship: thanatophoric dwarfism and ullrich-feichtiger syndrome. Huguenin M, et al.
Helv Paediat Acta 24:239-45, Jun 69
[The Russel syndrome--a form of dwarfism in childhood] Lässker G, et al.
Arch Kinderheilk 178:303-15, Mar 69 (Ger)
[Enchondral dysostosis syndromes] Exner G.
Beitr Orthop Trauma 15:658-64, 1968 (Ger)

ETIOLOGY

Dysplasia spondyloepiphysaria congenita and related generalized skeletal dysplasias among children with severe visual handicaps. Fraser GR, et al.
Arch Dis Child 44:490-8, Aug 69
Gargoylism associated with optic atrophy. Maller C.
Canad J Ophthal 4:266-71, Jul 69
Cornelia de Lange syndrome in an adult male. Cherington M, et al.
Neurology (Minneap) 19:879-84, Sep 69
[Tibial-fibular diaphyseal toxopachyostosis in a 7-year-old girl] Charto-Garofalidis G, et al.
Presse Med 76:2434, 25 Dec 68 (Fre)
[The Russel syndrome--a form of dwarfism in childhood] Lässker G, et al.
Arch Kinderheilk 178:303-15, Mar 69 (Ger)

FAMILIAL & GENETIC

Cockayne's syndrome. Report of case with necropsy findings. Rowlatt U.
Acta Neuropath (Berlin) 14:52-61, 9 Sep 69
An abnormal metacentric chromosome in an infant with leprechaunism. Ferguson-Smith MA, et al.
Ann Genet (Paris) 11:195-200, Dec 68
Two different mutations within the same sibship: thanatophoric dwarfism and ullrich-feichtiger syndrome. Huguenin M, et al.
Helv Paediat Acta 24:239-45, Jun 69
Hereditary lymphopenic agammaglobulinemia associated with a distinctive form of short-limbed dwarfism and ectodermal dysplasia. Gatti RA, et al.
J Pediat 75:675-84, Oct 69
Cornelia de Lange syndrome in an adult male. Cherington M, et al.
Neurology (Minneap) 19:879-84, Sep 69
[Osteodysplasic geroderma of sex-linked heredity, a new clinical and genetic entity] Boreux G.
J Genet Hum 17:137-78, May 69 (Fre)

HISTORY

Perkeo, the dwarf-jester of Heidelberg. (Perkeo), Hodge GP. JAMA 209:403-4, 21 Jul 69

RADIOGRAPHY

Epiphyseal dysostosis. Steinbach HL, et al.
Amer J Roentgen 105:860-9, Apr 69
Hereditary lymphopenic agammaglobulinemia associated with a distinctive form of short-limbed dwarfism and ectodermal dysplasia. Gatti RA, et al.
J Pediat 75:675-84, Oct 69
Cornelia de Lange syndrome in an adult male. Cherington M, et al.
Neurology (Minneap) 19:879-84, Sep 69
[The Russel syndrome--a form of dwarfism in childhood] Lässker G, et al.
Arch Kinderheilk 178:303-15, Mar 69 (Ger)

[Teleradiographic analysis in hypothyroid nanism] Gianni E, et al. Minerva Stomat 18:223-6, May 69 (Ita)
[Bone diseases caused by endocrinological disorders] Nishio A. Rinsho Hosha 14:198-9, Mar 69 (Jap)

VETERINARY

Prolactin of normal and dwarf mice. Cheever EV, et al. Endocrinology 85:698-703, Oct 69

DWARFISM, PITUITARY

[Clinical picture and treatment of patients with diencephalo-hypophyseal nanism and subnanism] Kaiumov EG, et al. Probl Endokr (Moskva) 15:57-60, May-Jun 69 (Rus)

BLOOD

[On the behavior of blood sugar and free fatty acids in the plasma following insulin administration in children of different ages and in pituitary dwarfs] Rubinstein E. Arch Kinderheilk 178:168-79, Jan 69 (Ger)

COMPLICATIONS

[The state of the organ of vision in children with hypophyseal nanism] Kizel'man ED, et al. Probl Endokr (Moskva) 15:60-3, May-Jun 69 (Rus)

DIAGNOSIS

[Studies on the demonstration of pituitary dwarfism] Rath F, et al. Helv Paediat Acta 24:311-22, Jun 69 (Ger)
[Clinical picture and treatment of patients with diencephalo-hypophyseal nanism and subnanism] Kaiumov EG, et al. Probl Endokr (Moskva) 15:57-60, May-Jun 69 (Rus)

DRUG THERAPY

Effects of hormones on development and function of lymphoid tissues. Synergistic action of thyroxin and somatotropic hormone in pituitary dwarf mice. Baroni CD, et al. Immunology 17:303-14, Aug 69
[Clinical picture and treatment of patients with diencephalo-hypophyseal nanism and subnanism] Kaiumov EG, et al. Probl Endokr (Moskva) 15:57-60, May-Jun 69 (Rus)

FAMILIAL & GENETIC

[Inborn errors of hormone synthesis] Imura H, et al. Saishin Igaku 24:1176-86, Jun 69 (65 ref.) (Jap)

PHYSIOPATHOLOGY

[The state of the organ of vision in children with hypophyseal nanism] Kizel'man ED, et al. Probl Endokr (Moskva) 15:60-3, May-Jun 69 (Rus)

FROEHLICH'S SYNDROME

[Laurence-Moon-Biedl-Bardet syndrome in a 14-year-old boy] Vondrová-Stichenwirthov, et al. Cesk Pediat 24:797-800, Sep 69 (Cze)

ETIOLOGY

[Teletherapy of adenoma of the hypophysis] Ruderman AI, et al. Probl Endokr (Moskva) 13:42-9, May-Jun 67 (Rus)

GIGANTISM

COMPLICATIONS

Surgical orthodontic treatment of hemigigantism: report of case. Robinson M, et al. J Oral Surg 27:744-7, Sep 69
[A case of malignant neoplasm in a 3-year-old child with hemigigantism of the body] Kaluża-Guzikowska E, et al. Pediat Pol 44:749-51, Jun 69 (Pol)

THERAPY

[Management of excessive growth in body height] Rappaport R. Ann Pediat (Paris) 14:530-1, Jun-Jul 67 (Fre)

HYPOPITUITARISM

BLOOD

Determination of human and bovine growth hormones in the physiological range by the immunoelectroadsorption method. Rothen A, et al. Experientia 25:420-1, 15 Apr 69
[Advances and problems of hormone measurement: growth hormone (GH)] Imura H, et al. Clin Endocr (Tokyo) 17:261-9, Apr 69 (53 ref.) (Jap)
[On serum ACTH] Imura H, et al. Jap J Clin Med 27:1407-21, May 69 (61 ref.) (Jap)

COMPLICATIONS

[Inhibition of polydipsia and polyuria by Tegretal in patients with hypophysectomy and patients with diabetes insipidus] Frahm H, et al. Med Welt 27:1529-33, 5 Jul 69 (Ger)
[Syndrome of inappropriate secretion of ADH (anti-diuretic hormone)] Yoshida S, et al. Jap J Clin Med 27:1171-8, Apr 69 (43 ref.) (Jap)

DRUG THERAPY

Anterior and posterior hypopituitarism associated with sickle cell trait. Pastore RA, et al. Ann Intern Med 71:593-8, Sep 69

ETIOLOGY

Natriuretic activity of 16-alpha-hydroxyprogesterone in man. Jacobs DR. Acta Endocr (Kobenhavn) 61:275-82, Jun 69
Acromegaly: treatment by cryoablation. Maddy JA, et al. Ann Intern Med 71:497-505, Sep 69
Anterior and posterior hypopituitarism associated with sickle cell trait. Pastore RA, et al. Ann Intern Med 71:593-8, Sep 69
[Inhibition of polydipsia and polyuria by Tegretal in patients with hypophysectomy and patients with diabetes insipidus] Frahm H, et al. Med Welt 27:1529-33, 5 Jul 69 (Ger)

FAMILIAL & GENETIC

Studies on the healing of long-bone fractures in hereditary pituitary insufficient mice. Hsu JD, et al. J Surg Res 9:535-6, Sep 69

IMMUNOLOGY

Organ-specific antibodies in idiopathic panhypopituitarism, primary thyroid and adrenal insufficiency. Nerup J, et al. Acta Med Scand 185:293-6, Apr 69

PATHOLOGY

Anterior and posterior hypopituitarism associated with sickle cell trait. Pastore RA, et al. Ann Intern Med 71:593-8, Sep 69
[Congenital anorchidism with partial anterior hypopituitarism] Abate G, et al. Folia Endocr (Roma) 21:485-500, Aug 68 (Ita)

PHYSIOPATHOLOGY

Studies on the healing of long-bone fractures in hereditary pituitary insufficient mice. Hsu JD, et al. J Surg Res 9:535-6, Sep 69

URINE

Hyperresponsiveness to metyrapone. Sabeh G, et al. Exp Med Surg 25:218-28, 1967

INFANTILISM

DRUG THERAPY

[Indication for female hormones in substitution therapy] Lebeau JM. Rev Med Liege 22:227-9, 15 Apr 67 (Fre)

PITUITARY DISEASES

[New endocrine disorders attracting current interest--posterior pituitary gland and syndrome of

excessive secretion of vasopressin (ADH)] Saito T. Clin Endocr (Tokyo) 17:389-94, May 69 (47 ref.) (Jap)

CHEMICALLY INDUCED

[On the effect of various pesticides on the hypophysis and its gonadotropic function] Rybakova MN. Gig Sanit 33:27-31, Nov 68 (Rus)

COMPLICATIONS

Pituitary enlargement with longstanding myxoedema. Patel YC, et al. New Zeal Med J 70:21-3, Jul 69

DIAGNOSIS

[New endocrine disorders attracting current interest--posterior pituitary gland and syndrome of excessive secretion of vasopressin (ADH)] Saito T. Clin Endocr (Tokyo) 17:389-94, May 69 (47 ref.) (Jap)

DRUG THERAPY

[Use of desoxycorticosterone in hypotensive conditions] Vasil'eva AG, et al. Vrach Delo 2:149-50, Feb 67 (Rus)

ETIOLOGY

Pituitary lesions in craniocerebral injuries. Kornblum RN, et al. Arch Path (Chicago) 88:242-8, Sep 69

[New endocrine disorders attracting current interest--posterior pituitary gland and syndrome of excessive secretion of vasopressin (ADH)] Saito T. Clin Endocr (Tokyo) 17:389-94, May 69 (47 ref.) (Jap)

METABOLISM

[New endocrine disorders attracting current interest--anterior pituitary gland] Matsuzaki F. Clin Endocr (Tokyo) 17:383-8, May 69 (26 ref.) (Jap)

PATHOLOGY

Pituitary lesions in craniocerebral injuries. Kornblum RN, et al. Arch Path (Chicago) 88:242-8, Sep 69

PHYSIOPATHOLOGY

Pituitary enlargement with longstanding myxoedema. Patel YC, et al. New Zeal Med J 70:21-3, Jul 69

RADIOTHERAPY

[Destruction of the hypophysis by interstitial irradiation (review of the literature)] Liass FM. Vop Neirokhir 33:52-6, Mar-Apr 69 (37 ref.) (Rus)

SURGERY

[Surgery of the pituitary gland, using the open trans-sphenoidal approach. Comparative study of 2 technical methods] Hardy J. Ann Chir 21:1011-22, Aug-Sep 67 (Fre)

URINE

Hyperresponsiveness to metyrapone. Sabeh G, et al. Exp Med Surg 25:218-28, 1967

PITUITARY GLAND

INJURIES

Pituitary lesions in craniocerebral injuries. Kornblum RN, et al. Arch Path (Chicago) 88:242-8, Sep 69

PITUITARY NEOPLASMS

Management of craniopharyngioma in childhood. Matson DD, et al. J Neurosurg 30:377-90, Apr 69

Hormonal control of serum albumin synthesis. Szafarz D, et al. Proc Soc Exp Biol Med 131:1250-2, Sep 69

[Pituitary adenoma with pharyngeal invasion] Thiébaut F, et al. Rev Otoneuroophtal 41:14-8, Jan-Feb 69 (Fre)

[Intracranial invasions of malignant neoplasm--evaluation of autopsy cases] Koyama Y, et al. Advances Neurol Sci (Tokyo) 13:188-97, Apr 69 (Jap)

BLOOD

Insulin storage and release in rats bearing growth hormone secreting tumors. Peake GT, et al. Diabetes 18:619-24, Sep 69

CHEMICALLY INDUCED

[Action of estriol on the rat pituitary] Fels E, et al. C R Soc Biol (Paris) 162:2012-3, May 69 (Fre)

COMPLICATIONS

Chromophobe pituitary adenoma with acromegaly and TSH-induced hyperthyroidism associated with parathyroid adenoma. Acromegaly and parathyroid adenoma. Lamberg BA, et al. Acta Endocr (Kobenhavn) 60:157-72, Jan 69

A case of secondary amenorrhoea. Farr JA, et al. Med Serv J Canada 23:1387-92, Dec 67

Pituitary apoplexy in a woman with chromophobe adenoma. Tevaarwerk GM, et al. Proc Roy Soc Med 62:707-9, 7 Jul 69

[Symptomatic algias associated with an endocranial syndrome of the basis of skull] Cruz NA, et al. Ann Otolaryng (Paris) 86:259-66, Apr-May 69 (Fre)

[Chromophobe adenoma of the hypophysis associated with hyperinsulinemia, hyperglycemia and high concentration of free fatty acids] Valenti G, et al. G Clin Med 48:1219-33, Dec 67 (Ita)

[Infundibulo-pituicytoma and granular-cell myoblastoma--clinical study] Sekino H, et al. Brain Nervé (Tokyo) 21:911-20, Aug 69 (Jap)

[Teletherapy of adenoma of the hypophysis] Ruderman AI, et al. Probl Endokr (Moskva) 13:42-9, May-Jun 67 (Rus)

[Various questions concerning the genesis of Itsenko-Cushing disease] Soskin LS, et al. Vop Neirokhir 33:14-8, May-Jun 69 (Rus)

DIAGNOSIS

EEG changes following pneumoencephalography. Riehl JL, et al. Acta Neurol Scand 45:270-6, 1969

Giant intracranial aneurysms: diagnosis, course, and management. Morley TP, et al. Clin Neurosurg 16:73-94, 1969

Management of craniopharyngioma in childhood. Matson DD, et al. J Neurosurg 30:377-90, Apr 69

[Diagnostic difficulties in giant adenomas of the pituitary. Apropos of a personal case] Mouren P, et al. Marseille Med 104:611-4, 1967 (Fre)

[EEG evaluation as cause of delayed brain tumor diagnosis] Schwarz HJ. Psychiat Neurol Med Psychol (Leipzig) 20:416-20, Nov 68 (Ger)

[Chromophobe adenoma of the pituitary gland diagnosed as postgestational hypothalamosis] Czerwiński L, et al. Ginek Pol 40:809-15, Jul 69 (Pol)

[Electroencephalographic abnormalities in supratentorial mid line tumors in children] Wocjan J, et al. Neurol Neurochir Pol 3:481-8, Jul-Aug 69 (Pol)

DRUG THERAPY

Management of craniopharyngioma in childhood. Matson DD, et al. J Neurosurg 30:377-90, Apr 69

ETIOLOGY

Target gland insufficiency and puituary tumours. Leiba S, et al. Acta Endocr (Kobenhavn) 60:112-20, Jan 69

Management of craniopharyngioma in childhood. Matson DD, et al. J Neurosurg 30:377-90, Apr 69

METABOLISM

The pentose phosphate pathway of glucose metabolism. Influence of a growth-hormone-secreting pituitary tumour on the oxidative and non-oxidative reactions of the cycle in liver. Gumaa KA, et al. Biochem J 113:215-20, Jun 69

[Effect of 8-lysinevasopressin in man on the plasma concentration of corticotropic and somatotropic hormones] Binoux M, et al. J Physiol (Paris) 60:Suppl 2:403, 1968 (Fre)

MORTALITY

[The intracellular protracted long term radiation

treatment of pituitary adenoma by means of stereotaxic implantation of iridium 192] Mundinger F. Acta Radiol [Ther] (Stockholm) 8:55-62, Feb-Apr 69 (Ger)

PATHOLOGY

Von Hippel-Lindau's disease: a report of five cases. Rho YM. Canad Med Ass J 101:135-42, 9 Aug 69
Transphenoidal microsurgery of the normal and pathological pituitary. Hardy J. Clin Neurosurg 16:185-217, 1969
Insulin storage and release in rats bearing growth hormone secreting tumors. Peake GT, et al. Diabetes 18:619-24, Sep 69
The arterial supply of the human optic chiasm. Bergland R. J Neurosurg 31:327-34, Sep 69
[Calcifications in pituitary adenomas] Cecchini A. Minerva Radiol 13:490-5, Oct 68 (Ita)
[Medulloblastoma and pituicytoma] Sano K. Brain Nerve (Tokyo) 21:850-1, Aug 69 (Jap)
[Infundibulo-pituicytoma and granular-cell myoblastoma--clinical study] Sekino H, et al. Brain Nerve (Tokyo) 21:911-20, Aug 69 (Jap)

PHYSIOPATHOLOGY

Simplified dexamethasone suppression test. Asfeldt VH. Acta Endocr (Kobenhavn) 61:219-31, Jun 69
Target gland insufficiency and puituary tumours. Leiba S, et al. Acta Endocr (Kobenhavn) 60:112-20, Jan 69
Insulin storage and release in rats bearing growth hormone secreting tumors. Peake GT, et al. Diabetes 18:619-24, Sep 69

RADIOGRAPHY

[Calcifications in pituitary adenomas] Cecchini A. Minerva Radiol 13:490-5, Oct 68 (Ita)
[Infundibulo-pituicytoma and granular-cell myoblastoma--clinical study] Sekino H, et al. Brain Nerve (Tokyo) 21:911-20, Aug 69 (Jap)

RADIOTHERAPY

Treatment plans in homogeneous tissue, using electrons of 15 to 37 MEV. Ovadia J. Ann NY Acad Sci 161:243-53, 3 Jul 69
Transphenoidal microsurgery of the normal and pathological pituitary. Hardy J. Clin Neurosurg 16:185-217, 1969
Management of craniopharyngioma in childhood. Matson DD, et al. J Neurosurg 30:377-90, Apr 69
[The intracellular protracted long term radiation treatment of pituitary adenoma by means of stereotaxic implantation of iridium 192] Mundinger F. Acta Radiol [Ther] (Stockholm) 8:55-62, Feb-Apr 69 (Ger)
[Teletherapy of adenoma of the hypophysis] Ruderman AI, et al. Probl Endokr (Moskva) 13:42-9, May-Jun 67 (Rus)
[Destruction of the hypophysis by interstitial irradiation (review of the literature)] Liass FM. Vop Neirokhir 33:52-6, Mar-Apr 69 (37 ref.) (Rus)

SURGERY

Acromegaly: treatment by cryoablation. Maddy JA, et al. Ann Intern Med 71:497-505, Sep 69
Transphenoidal microsurgery of the normal and pathological pituitary. Hardy J. Clin Neurosurg 16:185-217, 1969
Management of craniopharyngioma in childhood. Matson DD, et al. J Neurosurg 30:377-90, Apr 69
[Surgery of the pituitary gland, using the open trans-sphenoidal approach. Comparative study of 2 technical methods] Hardy J. Ann Chir 21:1011-22, Aug-Sep 67 (Fre)

SHEEHAN'S SYNDROME

[New endocrine disorders attracting current interest--female gonadal system] Tojo S. Clin Endocr (Tokyo) 17:422-6, May 69 (Jap)

IMMUNOLOGY

Organ-specific antibodies in idiopathic panhypopituitarism, primary thyroid and adrenal insufficiency. Nerup J, et al. Acta Med Scand 185:293-6, Apr 69

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Granular localization of corticotropin-releasing activity in horse hypophysial stalk homogenate. Ishii S, et al. Endocr Jap 16:171-7, Feb 69

Practically applicable results of twenty years of research in endocrinology. Tausk M. Fortschr Arzneimittelforsch 12:137-64, 1968 (130 ref.)

Structural studies on polypeptide hormones. II. Polarization of fluorescence. Bernstein RS, et al. J Biol Chem 244:4398-405, 25 Aug 69

Structural studies on polypeptide hormones. I. Fluorescence. Edelhoch H, et al. J Biol Chem 244:3876-83, 25 Jul 69

[Influence of fasting on golden hamster anterior pituitary cells. Electron microscope study] Dubois P, et al. C R Soc Biol (Paris) 162:2116-8, 1968 (Fre)

[Studies on the gonad and adrenal cortex function using a gestagen-therapy (Chlormadinone acetate)] Reisert PM, et al. Arzneimittelforschung 19:1279-83, Aug 69 (Ger)

[Experimental adrenocortical hemorrhage in anticoagulated rats induced by stimulating the adrenal cortex] Haller RM. Virchow Arch [Path Anat] 346:204-11, 1969 (Ger)

[Chemical synthesis of proteins] Izumiya N. Protein (Tokyo) 14:641-51, Jun 69 (Jap)

[On the effect of adrenalectomy, adrenal hormones and ACTH on the resistance of developing rats to staphylococcal exotoxin and the endotoxin of Escherichia coli] Belokrylov GA, et al. Zh Mikrobiol 45:33-7, May 68 (Rus)

ADMINISTRATION & DOSAGE

Response of rat adrenal tissue to ACTH in a flowing system. Saffran M, et al. Endocrinology 85:652-6, Oct 69

The duration of action of the synthetic pentacosapeptide D-serine-1-norleucine-4-valinamide-25-beta-1-25-corticotrophin (DW-75) in man. Friedman M. Experientia 25:416-9, 15 Apr 69

Treatment of myasthenia gravis with adrenocorticotropic hormone (ACTH): massive short-term and maintenance treatment. Cape CA, et al. J Neurol Neurosurg Psychiat 32:290-6, Aug 69

Modification of insulin response and alloxan diabetes by hypothalamic lesions in rats. Kokka N, et al. Neuroendocrinology 4:333-46, 1969

The effect of small doses of human ACTH on serum corticosteroid levels in man. McDonald RK, et al. Proc Soc Exp Biol Med 131:1091-4, Sep 69

[Treatment of hypersensitivity to sun rays by means of ACTH] Demets A. Bruxelles Med 49:345-8, May 69 (Fre)

[Problems raised by fluorometric determination of plasma cortisol in congenital hyperplasia of adrenal glands] Pham-Huu-Trung, et al. Path Biol (Paris) 17:487-91, May 69 (Fre)

[ACTH or glucocorticoid treatment?] Kaiser H. Deutsch Med Wschr 94:1771-2, 29 Aug 69 (Ger)

[The use of a deposit of ACTH in the pathology of acute rheumatism (findings in 30 patients)] Klein B. Hospital (Rio) 75:1641-7, May 69 (Por)

[The significance of the liver in the regulation of fractional composition of ll-oxycorticosteroids of blood plasma] Fedotov VP, et al. Probl Endokr (Moskva) 15:97-101, May-Jun 69 (Rus)

[Change in the function of adrenal glands during splenectomy in patients with hemorrhagic diathesis at different methods of use of steroid hormones] Kukina MN. Probl Gemat 12:42-6, Jun 67 (Rus)

[Therapy of multiple sclerosis] Arasa F. Folia Clin Int (Barc) 19:7-23, Jan 69 (Spa)

ADVERSE EFFECTS

Gastric mucus and the gastric mucous barrier. A review. Menguy R. Amer J Surg 117:806-12, Jun 69 (25 ref.)

[Peliosis hepatis. Recent contributions on the rôle of hormonal factors] Bartók I, et al. Zbl Allg Path 112:171-8, 1969 (Ger)

[Dangers in the use of various rheumatic drugs] Wawrzyńska-Pągowska J. Pol Tyg Lek 24:809-12, 26 May 69 (23 ref.) (Pol)

ANALYSIS

Tyrosine fluorescence in proteins. Edelhoch H, et al. Ann NY Acad Sci 158:391-409, 16 May 69

The small-scale isolation and characterization of adrenocorticotrophin. Landon J, et al. Biochem J 114:519-28, Sep 69

Addison's disease and diffuse cerebral sclerosis. Gray AM. J Neurol Neurosurg Psychiat 32:344-7, Aug 69

[Advances and problems of ACTH measurement] Idemura H, et al. Clin Endocr (Tokyo) 17:245-52, Apr 69 (53 ref.) (Jap)

[Protein-binding corticotropin and hypothalamic corticotropin] Nakamura M, et al. Saishin Igaku 24:988-92, May 69 (Jap)

[REACTION OF THE HYPOPHYSIS (ACTH) f rtftse o the changes of blood estrogen level] Skebel'skaia IuB. Probl Endokr (Moskva) 15:45-9, Jan-Feb 69 (Rus)

ANTAGONISTS & INHIBITORS

Lipolytic activity of ACTH and its fragments on isolated fat cells of the rat: inhibition by different types of antisera. Benuzzi-Badoni M, et al. Acta Endocr (Kobenhavn) 62:56-66, Sep 69

Temporal relationships of puromycin and ACTH effects on cultured hamster adrenal glands. Andrews RV. Comp Biochem Physiol 30:123-8, 1 Jul 69

Guinea pig adrenal 3-beta-hydroxysteroid dehydrogenase: is there more than one enzyme? Handler RP, et al. J Clin Endocr 29:1117-9, Aug 69

The cental nervous system and pituitary-adrenocortical feedback mechanisms. Davidson JM, et al. Rass Neurol Veg 21:9-27, 30 Apr 67

BIOSYNTHESIS

[Evaluation of the pituitary ACTH reserve in patients irradiated for cerebral neoplasms] Bonanni G. Nunt Radiol 34:411-9, May 68 (Ita)

[Factors regulating biosynthesis of ACTH] Kumagai A, et al. Jap J Clin Med 27:1373-6, May 69 (Jap)

[ACTH-producing cells of the anterior pituitary gland] Kurosumi K, et al. Jap J Clin Med 27:1333-47, May 69 (Jap)

[Biosynthesis of ACTH and somatotropin in rat hypophyses following prednisolone block, immobilization and starvation] Bezdrobnyĭ IuV. Probl Endokr (Moskva) 15:74-7, Mar-Apr 69 (Rus)

BLOOD

Chromophobe pituitary adenoma with acromegaly and TSH-induced hyperthyroidism associated with parathyroid adenoma. Acromegaly and parathyroid adenoma. Lamberg BA, et al. Acta Endocr (Kobenhavn) 60:157-72, Jan 69

The half-life of porcine corticotrophin in pigs. Murphy SS, et al. Acta Endocr (Kobenhavn) 61:525-32, Jul 69

Oestrogen treatment in Cushing's syndrome. Norman N, et al. Acta Endocr (Kobenhavn) 61:320-2, Jun 69

Clinical alcohol hypoglycemia and isolated adrenocorticotrophic hormone deficiency. Steer P, et al. Ann Intern Med 71:343-8, Aug 69

Radioimmunoassayable ACTH in dexamethasone nonsuppressible Cushing's syndrome. Rayyis SS, et al. J Clin Endocr 29:1231-7, Sep 69

Treatment of Cushing's disease. Correction of

hypercortisolism by o,p'DDD without induction of aldosterone deficiency. Temple TE Jr, et al. **New Eng J Med 281:801-5, 9 Oct 69**

The metabolic and endocrine response to acute medical stress. Nabarro JD. **Proc Roy Soc Med 62:351-5, Apr 69**

Effect of glutethimide and aminoglutethimide on the pituitary-adrenal system. Schofield S, et al. **Proc West Pharmacol Soc 12:109-11, 1969**

[Effect of 8-lysinevasopressin in man on the plasma concentration of corticotropic and somatotropic hormones] Binoux M, et al. **J Physiol (Paris) 60:Suppl 2:403, 1968 (Fre)**

[On serum ACTH] Imura H, et al. **Jap J Clin Med 27:1407-21, May 69 (61 ref.) (Jap)**

[In vivo inactivation of ACTH] Imura H, et al. **Jap J Clin Med 27:1400-6, May 69 (Jap)**

[Inactivation of ACTH] Kumagai A, et al. **Jap J Clin Med 27:1392-400, May 69 (Jap)**

[The central nervous apparatus for regulation of osmosis] Walloe L. **T Norsk Laegeforen 89:1077-82, 1 Jul 69 (Nor)**

[Some problems of the effect of irradiation of the diencephalo-hypophyseal region in the pathological state on the endocrine glands] Draznin NM, et al. **Probl Endokr (Moskva) 15:33-7, May-Jun 69 (Rus)**

[Condition of carbohydrate metabolism in the initial and atypical forms of Itsenko-Cushing disease] Gincherman EZ, et al. **Probl Endokr (Moskva) 15:53-7, May-Jun 69 (Rus)**

[One of the possible mechanisms of the blood ACTH content rise in traumatic shock] Mazurkevich GS. **Probl Endokr (Moskva) 14:73-8, May-Jun 68 (Rus)**

CHEMICAL SYNTHESIS

Corticosteroidogenic effect of long-acting beta 1-24corticotrophin (CIBA 42.915 BA). Asfeldt VH. **Acta Med Scand 184:379-82, Nov 68**

Chemical synthesis of peptides. Katsoyannis P, et al. **Ann Rev Biochem 38:881-912, 1969 (198 ref.)**

[Synthetic analogs of corticotropin. Changes in the N-terminal amino group of the corticotropin-(1-23)-tricosipeptide-amide] Geiger R, et al. **Liebig Ann Chem 726:177-87, 1969 (Ger)**

DIAGNOSTIC USE

Inhibitory effect of diphenylhydantoin on the feedback control of corticotrophin release. Asfeldt VH, et al. **Acta Endocr (Kobenhavn) 61:551-60, Jul 69**

Diagnosis of Cushing's syndrome. The differentiation between adrenocortical hyperplasia and adrenocrotical adenoma by means of lysine-vasopressin. Bethge H, et al. **Acta Endocr (Kobenhavn) 60:47-59, Jan 69**

Corticosteroids in human blood. 3. Free and conjugated 17-hydroxycorticosteroids in healthy people and patients with Cushing's syndrome, before and after administration of corticotrophin. Kornel L. **Acta Endocr (Kobenhavn) 60:13-35, Jan 69**

The simultaneous fluorimetric determination of corticosterone and cortisol in human plasma. Sasaki H, et al. **Acta Med Biol (Niigata) 17:65-83, Jun 69**

Abnormal height in children. Hamilton W. **Develop Med Child Neurol 11:521-4, Aug 69**

Early insulin synergistic activity of growth hormone. Mahler RJ, et al. **Diabetes 18:550-5, Aug 69**

ACTH-excess and increased urinary pressor activity. Limaye NR, et al. **Exp Med Surg 25:178-84, 1967**

Evaluation of metopiron and ACTH tests in prolonged corticosteroid treatment of chronic asthma. Lass N, et al. **Int Arch Allerg 36:180-5, 1969**

Adrenal catecholamine and cortisol secretion during extracorporeal circulation in dogs. Alexander RW, et al. **J Thorac Cardiovasc Surg 58:250-8, Aug 69**

Treatment of Cushing's disease. Correction of hypercortisolism by o,p'DDD without induction of aldosterone deficiency. Temple TE Jr, et al. **New Eng J Med 281:801-5, 9 Oct 69**

Failure to diagnose Addison's disease and value of tetracosactrin (Synacthen) stimulation test. Feiwel M. **Trans St John Hosp Derm Soc 55:74-7, 1969**

[Study of the adrenal gland function using a synthetic delayed-action ACTH] Bercovici JP, et al. **Praxis 58:1124-6, 9 Sep 69 (Fre)**

[Prescription of corticotherapy on alternate days for long periods] Akoun G, et al. **Sem Hop Paris 44:3141-9, 8 Dec 68 (Fre)**

[On the Synacthen screening test] Weber C. **Praxis 58:861-7, 8 Jul 69 (Ger)**

[On a case of congenital adrenal hyperplasia with hypertension] Ronconi G. **Fracastoro 60:661-6, Nov-Dec 67 (Ita)**

[Levels of urinary 6-beta-hydrocortisol and other polar corticosteroids in healthy children and its fluctuation by ACTH loading] Abe Y. **Acta Paediat Jap 73:691-7, 1 May 69 (Jap)**

[Levels of urinary 6-beta-hydroxycortisol and other polar corticosteroids in children with severe diseases and its fluctuation by ACTH loading] Komiyama J. **Acta Paediat Jap 73:656-62, 1 May 69 (Jap)**

[Treatment of some endocrine diseases by administration of radioactive yttrium into hypophysis] Dol'iotti DCh. **Probl Endokr (Moskva) 14:3-10, Nov-Dec 68 (Rus)**

[Assessment of the functional state of the adrenal cortex in liver diseases] Khazanov MKh. **Probl Endokr (Moskva) 13:37-41, May-Jun 67 (Rus)**

[Adrenal gland function in thyrotoxicosis] Povolotskaia GM, et al. **Probl Endokr (Moskva) 15:17-22, May-Jun 69 (Rus)**

[Pathogenetic mechanism of diabetes insipidus and the problems of its therapy] Veĭn AM, et al. **Probl Endokr (Moskva) 15:42-8, May-Jun 69 (Rus)**

ISOLATION & PURIFICATION

The small-scale isolation and characterization of adrenocorticotrophin. Landon J, et al. **Biochem J 114:519-28, Sep 69**

[Assessment of the stages of obtaining hormones and of their purity using immunological methods. Detection of thyrotropin derivative] Tugunov SS, et al. **Probl Endokr (Moskva) 13:96-9, May-Jun 67 (Rus)**

METABOLISM

Dynamic asymmetries in the corticosteroid feedback path and distribution-metabolism-binding elements of the adrenocortical system. Dallman MF, et al. **Ann NY Acad Sci 156:696-721, 21 Apr 69**

Effect of cold exposure on amino acid transport and incorporation into rat anterior pituitary in vitro. Matsuzaki S, et al. **Endocr Jap 16:403-7, Jun 69**

Effects of chronic melatonin and saline injections on pituitary adrenal secretion. Barchas J, et al. **Experientia 25:413-4, 15 Apr 69**

The metabolic and endocrine response to acute medical stress. Nabarro JD. **Proc Roy Soc Med 62:351-5, Apr 69**

[Nipiopharmacology of the anterior hypophysis hormones] Falorni A. **Minerva Nipiol 17:295-324, Nov-Dec 67 (403 ref.) (Ita)**

[In vivo inactivation of ACTH] Imura H, et al. **Jap J Clin Med 27:1400-6, May 69 (Jap)**

[Inactivation of ACTH] Kumagai A, et al. **Jap J Clin Med 27:1392-400, May 69 (Jap)**

PHARMACODYNAMICS

Nuclear shape variations in the fascicular zone of the rat adrenal gland. I. Effect of corticotrophin. Ahrén C, et al. **Acta Endocr (Kobenhavn) 59:652-9, Dec 68**

Lipolytic activity of ACTH and its fragments on isolated fat cells of the rat: inhibition by different types of antisera. Benuzzi-Badoni M, et al. **Acta Endocr (Kobenhavn) 62:56-66, Sep 69**

Reversed action of acetylated corticotrophin: inhibition of adreno-cortical secretion. Bulovskaya LN, et al. **Acta Endocr (Kobenhavn) 61:193-7, Jun 69**

Synergistic and inhibitory activity of various hormones on the exophthalmo producing factor in sera of patients suffering from endocrine exophthalmos. Schemmel K, et al. **Acta Endocr (Kobenhavn) 61:407-14, Jul 69**

Corticosteroidogenic effect of long-acting beta 1-24corticotrophin (CIBA 42.915 BA). Asfeldt VH. **Acta Med Scand 184:379-82, Nov 68**

Quantitative aspects of lipolysis and reesterification in human adipose tissue in vitro. Björntorp P, et al. **Acta Med Scand 185:89-97, Jan-Feb 69**

Serum ornithine carbamoyl transferase activity (S-OCT) after irradiation of malignant tumours and after administration of ACTH. Brohult J. **Acta Med Scand 185:363-8, Apr 69**

Alterations of some proteosynthetic reactions in the course of immunisation with heterologous proteins. Hořejší J, et al. **Acta Univ Carol [Med] (Praha) 15:469-93, 1969**

Parameters of the stimulus initiating the

adrenocortical response to hemorrhage. Gann DS. Ann NY Acad Sci 156:740-55, 21 Apr 69

Dynamic testing and modeling of adrenocortical secretory function. Urquhart J, et al. Ann NY Acad Sci 156:756-78, 21 Apr 69

Identification of somatotropin as the hormone in a mixture of somatotropin, adrenocorticotropic hormone and prolactin which decreased liver drug metabolism in the rat. Wilson JT. Biochem Pharmacol 18:2029-31, Aug 69

The pathways of corticosteroid biosynthesis by homogenates of adrenal tissue from rabbits stimulated with adrenocorticotropin. Fevold HR. Biochemistry (Wash) 8:3433-9, Aug 69

Adenyl cyclase activity in particles from fat cells. Vaughan M, et al. Biochemistry (Wash) 8:3092-9, Jul 69

Studies on the action of insulin in isolated adipose tissue cells. II. 3',5'-Nucleotide phosphodiesterase and antilipolysis. Hepp KD, et al. Biochim Biophys Acta 184:554-65, 2 Sep 69

Steroid-sensitive neurones in rat brain: anatomical localization and responses to neurohumours and ACTH. Steiner FA, et al. Brain Res 12:74-85, Jan 69

Temporal relationships of puromycin and ACTH effects on cultured hamster adrenal glands. Andrews RV. Comp Biochem Physiol 30:123-8, 1 Jul 69

Pituitary regulation of preovulatory estrogen secretion in the rat. Hori T, et al. Endocr Jap 16:351-60, Jun 69

Acute effects of various gonadotropins and other pituitary hormones on preovulatory ovarian progestin secretion in hypophysectomized rats. Uchida K, et al. Endocr Jap 16:239-49, Apr 69

Persistence of the steroidogenic effect of adenosin-3',5'-monophosphate in vitro: evidence for a third factor during the steroidogenic effect of ACTH. Farese RV, et al. Endocrinology 85:867-74, Nov 69

Fetal secretion of glucocorticoids. Jackson BT, et al. Endocrinology 85:875-80, Nov 69

Bioassay of parathyroid hormone in vitro with a stable preparation of adenyl cyclase from rat kidney. Marcus R, et al. Endocrinology 85:801-10, Nov 69

Response of rat adrenal tissue to ACTH in a flowing system. Saffran M, et al. Endocrinology 85:652-6, Oct 69

The duration of action of the synthetic pentacosapeptide D-serine-1-norleucine-4-valinamide-25-beta-1-25-corticotrophin (DW-75) in man. Friedman M. Experientia 25:416-9, 15 Apr 69

Studies on the mechanism of drug-induced bronchiolar relaxation in the guinea pig. Blumenthal MN, et al. J Allerg 44:63-9, Aug 69

Hormones and cholesterol ester metabolism. Schweppe JS, et al. J Amer Geriat Soc 17:740-54, Aug 69 (67 ref.)

Transport of calcium into adipose tissue in response to adrenocorticotropic hormone. Yanagi I, et al. J Biochem (Tokyo) 66:99-100, Jul 69

Lipid peroxidation in vitro by isolated fat cells of rats. Correlation with total lipolysis, glucose utilization, and dietary tocopherol. Lavis VR, et al. J Biol Chem 244:4382-6, 25 Aug 69

Effect of adrenocorticotropin on desoxycorticosterone, corticosterone and aldosterone excretion. Biglieri EG, et al. J Clin Endocr 29:1090-101, Aug 69

Micro-determination of corticosteroids in ovine peripheral plasma: effects of venipuncture, corticotrophin, insulin and glucose. Bassett JM, et al. J Endocr 44:387-403, Jul 69

The effect of anti-inflammatory drugs on the protein-binding of 11-hydroxysteroids in human plasma in vitro. Stenlake JB, et al. J Pharm Pharmacol 21:451-9, Jul 69

ACTH sensitive adenyl cyclase in bovine adrenal cortex membrane fractions. Hechter O, et al. Life Sci 8:935-42, 1 Sep 69

Adenyl cyclase and hormone action. I. Effects of adrenocorticotropic hormone, glucagon, and epinephrine on the plasma membrane of rat fat cells. Bär HP, et al. Proc Nat Acad Sci USA 63:350-6, Jun 69

3',5'-cyclic AMP and the adrenal desmolase system. Cohen MP, et al. Proc Soc Exp Biol Med 131:1267-70, Sep 69

Adrenal response to excess corticotropin in coronary-prone men. Friedman M, et al. Proc Soc Exp Biol Med 131:1305-7, Sep 69

The effect of small doses of human ACTH on serum corticosteroid levels in man. McDonald RK, et al. Proc Soc Exp Biol Med 131:1091-4, Sep 69

Factors in the maturation of the adrenal. Levine S. Rass Neurol Veg 21:29-40, 30 Apr 67

Hormonal pattern in bronchial asthma (reversible obstructive lung disease). 1. Role of adrenal steroids. Weller HH, et al. Scand J Resp Dis 49:163-84, 1968

Metabolic events associated with steroid biosynthesis in adrenal tissue cultures. Kowal J. Trans NY Acad Sci 31:359-78, Apr 69

[Contribution to the study of Stilling cells in Rana esculenta L] Gaudray A, et al. J Physiol (Paris) 60:Suppl 2:447, 1968 (Fre)

[The influence of the adrenal cortex on adrenaline synthesis in the rat and rabbits fetus and neonate] Roffi J. J Physiol (Paris) 60:455-94, Nov-Dec 68 (Fre)

[ACTH or glucocorticoid treatment?] Kaiser H. Deutsch Med Wschr 94:1771-2, 29 Aug 69 (Ger)

[Synthetic analogs of corticotropin. Changes in the N-terminal amino group of the corticotropin-(1-23)-tricosipeptide-amide] Geiger R, et al. Liebig Ann Chem 726:177-87, 1969 (Ger)

[Histometric studies of the adrenal glands in rats. The effect of ACTH administration, formalin stress, hypophysectomy and cortisone treatment on the adrenal gland zones] Kovács K, et al. Z Mikr Anat Forsch 79:413-33, 1968 (Ger)

[Histological study of the morphokinesis of the adrenal cortex] Merkle U. Z Mikr Anat Forsch 79:460-76, 1968 (Ger)

[Influence of prednisolone on sexual excitation induced in the rabbit by intraventricular injection of beta 1-24-ACTH] Ferrari W, et al. Boll Soc Ital Biol Sper 44:1328-30, 31 Aug 68 (Ita)

[Comparison of beta 1-24-ACTH and DW-75 for induction of sexual excitation in the rabbit by intraventricular injection] Ferrari W, et al. Boll Soc Ital Biol Sper 44:1334-5, 31 Aug 68 (Ita)

[Effect of aminophylline introduced into the lateral ventricles on sexual stimulation induced in the rabbit by intraventricular injection of beta-1-24-ACTH] Ferrari W, et al. Boll Soc Ital Biol Sper 44:1335-7, 31 Aug 68 (Ita)

[Action of ACTH, hydrocortisone and prednisolone on human erythrocytic angiotensinase in vitro] Ripa R, et al. Boll Soc Ital Biol Sper 44:1285-9, 31 Aug 68 (Ita)

[Nipiopharmacology of the anterior hypophysis hormones] Falorni A. Minerva Nipiol 17:295-324, Nov-Dec 67 (403 ref.) (Ita)

[Urinary excretion of 6-beta-hydroxycortisol and other polar corticosteroids in puberty and its changes by ACTH loading] Komiyama J. Acta Paediat Jap 73:815-20, 1 Jun 69 (Jap)

[New endocrine disorders attracting current interest--adrenal system] Miura K, et al. Clin Endocr (Tokyo) 17:407-21, May 69 (130 ref.) (Jap)

[Effect of ACTH (synthetic) and 3',5'-AMP on cholesterol transformation in the adrenocortical mitochondria of cattle] Matsuba M. Jap J Clin Med 27:1429-33, May 69 (Jap)

[On the role of gluco-and mineralocorticoids in the regulation of sucrose hydrolysis and enzyme synthesis in the small intestine] Bulbuk GA. Fiziol Zh SSSR Sechenov 54:607-13, May 68 (Rus)

[ACTH and pituitary-adrenal system] Afinogenova SA. Probl Endokr (Moskva) 15:79-84, May-Jun 69 (Rus)

[Nature of the insular apparatus of the pancreas in chronic stress] Barkalaia AI. Probl Endokr (Moskva) 14:71-4, Nov-Dec 68 (Rus)

[The effects of ACTH and glucocorticoids on evacuatory function of the stomach in dogs] Genes SG, et al. Probl Endokr (Moskva) 14:103-6, Jul-Aug 68 (Rus)

[The effect of ACTH on cholesterol metabolism and blood proteins] Iakubovskaia VI, et al. Probl Endokr (Moskva) 14:64-8, May-Jun 68 (Rus)

[Secretion of corticosteroids by adrenal glands of guinea pigs after hypophysectomy] Iudaev NA, et al. Probl Endokr (Moskva) 14:61-6, Nov-Dec 68 (Rus)

[The effect of ACTH on the steroidogenesis in the adrenal glands of rat embryos in experiments in vitro] Sakhatskaia TS. Probl Endokr (Moskva) 14:51-4, May-Jun 68 (Rus)

[The effect of the adrenal cortex hormones on adrenalin synthesis in the adrenal glands of chick embryos and chicks] Stabrovskiĭ EM. Probl Endokr (Moskva) 15:89-93, May-Jun 69 (Rus)

[The formation of corticosteroids in the administration of cetamiphen] Komissarenko VP, et al. Vrach Delo 12:5-6, Dec 67 (Rus)

PHYSIOLOGY

Gingival hyperplasia related to treatment with diphenylhydantoin (diphedan; DH). Rudas SL, et al. Int Z Klin Pharmakol Ther Toxik 2:180-4, Apr 69

Adrenal response to hypophysectomy in the newborn dog. Kinsella RA Jr, et al. Proc Soc Exp Biol Med 131:1389-92, Sep 69

[ACTH or glucocorticoid treatment?] Kaiser H. Deutsch Med Wschr 94:1771-2, 29 Aug 69 (Ger)

[Effect of inflammatory reactions on the concentration of corticosterone in rat plasma] Haas H, et al. Naunyn Schmiedeberg Arch Pharm 264:86-98, 1969 (Ger)

[Action mechanism of ACTH] Fujii S, et al. Jap J Clin Med 27:1422-5, May 69 (Jap)

[Observation on the action mechanism of ACTH] Imura H, et al. Jap J Clin Med 27:1425-9, May 69 (Jap)

[Extra-adrenal action of ACTH, with special reference to its effect on carbohydrate and lipid metabolism] Imura H, et al. Jap J Clin Med 27:1441-6, May 69 (Jap)

[Extra-adrenal action of ACTH] Osawa N, et al. Jap J Clin Med 27:1434-41, May 69 (Jap)

[Secretion of corticosteroids by adrenal glands of guinea pigs after hypophysectomy] Iudaev NA, et al. Probl Endokr (Moskva) 14:61-6, Nov-Dec 68 (Rus)

SECRETION

Inhibitory effect of diphenylhydantoin on the feedback control of corticotrophin release. Asfeldt VH, et al. Acta Endocr (Kobenhavn) 61:551-60, Jul 69

Reversed action of acetylated corticotrophin: inhibition of adreno-cortical secretion. Bulovskaya LN, et al. Acta Endocr (Kobenhavn) 61:193-7, Jun 69

Oestrogen treatment in Cushing's syndrome. Norman N, et al. Acta Endocr (Kobenhavn) 61:320-2, Jun 69

Diurnal variations of the plasma cortisol level in diabetes insipidus. Czakó L, et al. Acta Med Acad Sci Hung 26:197-202, 1969

The regulation of ACTH secretion. Smelik PG. Acta Physiol Pharmacol Neerl 15:123-35, Jun 69

A clinical and metabolic study of masculinizing arrhenoblastoma. Sato T, et al. Amer J Obstet Gynec 104:1124-30, 15 Aug 69

Brain monoamines and adrenocortical activation. De Schaepdryver A, et al. Brit J Pharmacol 35:460-7, Mar 69

Electrom microscopic study of the anencephalic adenohypophysis with reference to the adrenocorticotrophs and their correlation with the functional differentiation of the hypothalamus during the foetal life. Hatakeyama S. Endocr Jap 16:187-203, Feb 69

ACTH secretion from the pituitary transplanted in apposition with the adrenal cortex under the renal capsule. Ishikawa H, et al. Endocr Jap 16:331-49, Jun 69

Properties of the corticotrophin-releasing factor of the rat median eminence. Chan LT, et al. Endocrinology 85:644-51, Oct 69

Hypothalamic control of ACTH release from ectopic pituitary glands. Sirett NE, et al. Endocrinology 85:784-8, Oct 69

Peptide-secreting tumours with special reference to the pancreas. Sircus W. Gut 10:506-15, Jul 69 (66 ref.)

Electron microscopic studies of anterior pituitary glands of vitamin E-deficient male mice. Ichihara I. J Anat 104:455-65, May 69

Once-a-day neurally stimulated and basal ACTH secretion phases in man and their response to corticoid inhibition. Ceresa F, et al. J Clin Endocr 29:1074-82, Aug 69

Radioimmunoassayable ACTH in dexamethasone nonsuppressible Cushing's syndrome. Rayyis SS, et al. J Clin Endocr 29:1231-7, Sep 69

Effects of cholera on the human hypothalamus and hypophysis. II. Choudhury RP. J Trop Med Hyg 72:185-92, Aug 69

An ultrastructural study of the adrenocorticotrophic hormone-secreting cell in the rat adenohypophysis during adrenal cortical regeneration. Nakayama I, et al. Lab Invest 21:169-78, Aug 69

Melatonin and its precursors' effects on 131-I uptake by the thyroid gland under different photic conditions. De Prospo ND, et al. Life Sci 8:837-42, 1 Aug 69

Adrenal response to excess corticotropin in coronary-prone men. Friedman M, et al. Proc Soc Exp Biol Med 131:1305-7, Sep 69

The effect of small doses of human ACTH on serum corticosteroid levels in man. McDonald RK, et al. Proc Soc Exp Biol Med 131:1091-4, Sep 69

Effect of glutethimide and aminoglutethimide on the pituitary-adrenal system. Schofield S, et al. Proc West Pharmacol Soc 12:109-11, 1969

Facilitatory and inhibitory influences on the pituitary-adrenal system: a study with chlorpromazine. Bohus B, et al. Rass Neurol Veg 21:71-83, 30 Apr 67

The cental nervous system and pituitary-adrenocortical feedback mechanisms. Davidson JM, et al. Rass Neurol Veg 21:9-27, 30 Apr 67

[Cytologic modifications of the pituitary and interrenal gland of the green frog, Rana esculenta L., after unilaternal adrenalectomy] Dupont W, et al. C R Soc Biol (Paris) 163:34-7, 1969 (Fre)

[Effect of 8-lysinevasopressin in man on the plasma concentration of corticotropic and somatotropic hormones] Binoux M, et al. J Physiol (Paris) 60:Suppl 2:403, 1968 (Fre)

[Effects of unilateral adrenalectomy on pituitary and adrenal gland cytology in Rana esculenta L] Dupont W, et al. J Physiol (Paris) 60:Suppl 2:435, 1968 (Fre)

[New endocrine disorders attracting current interest--anterior pituitary gland] Matsuzaki F. Clin Endocr (Tokyo) 17:383-8, May 69 (26 ref.) (Jap)

[Relationship between ultrastructure and function of the anterior pituitary gland in birds] Mikami S. Clin Endocr (Tokyo) 17:502-11, Jun 69 (28 ref.) (Jap)

[Case of Cushing's syndrome caused by pancreatic tumor] Ogawa M, et al. Clin Endocr (Tokyo) 17:448-52, May 69 (Jap)

[Functional classification and postnatal development of the anterior pituitary cells in mice] Yamashita K. Clin Endocr (Tokyo) 17:482-91, Jun 69 (42 ref.) (Jap)

[Experimental studies on the effect of low oxygen inhalation on adrenocortical secretion--by the retention cannula method for collecting lumbo-adrenal venous blood in the dog] Ota M. Folia Endocr Jap 45:284-309, 20 Jun 69 (Jap)

[Experimental hypertension, especially on spontaneously hypertensive rats] Okamoto K. Iryo 23:293-305, Mar 69 (Jap)

[CRF (corticotropin-releasing factor)] Hiroshige T, et al. Jap J Clin Med 27:1364-73, May 69 (Jap)

[Central nervous control of the pituitary-adrenal system, with special reference to the function of the hippocampus in stress] Kawakami M, et al. Jap J Clin Med 27:1348-62, May 69 (Jap)

[Microstructure of the median eminence, with special reference to its relation to ACTH] Sano Y, et al. Jap J Clin Med 27:1326-32, May 69 (42 ref.) (Jap)

[Feedback mechanism of ACTH secretion] Takahara J. Jap J Clin Med 27:1389-91, May 69 (Jap)

[Feedback mechanism of ACTH secretion] Takebe K, et al. Jap J Clin Med 27:1379-89, May 69 (Jap)

[Mechanism of ACTH secretion in the pituitary gland] Ito S, et al. Saishin Igaku 24:986-8, May 69 (Jap)

[Interesting case of heterotopic ACTH syndrome caused by cancer of the large intestine] Miura K, et al. Saishin Igaku 24:943-52, Apr 69 (Jap)

[Hypophyseal reserve in patients with peptic ulcer] Lubczyńska-Kowalska W, et al. Pol Tyg Lek 24:582-3, 21 Apr 69 (Pol)

[REACTION OF THE HYPOPHYSIS (ACTH) f rtftse o the changes of blood estrogen level] Skebel'skaia IuB. Probl Endokr (Moskva) 15:45-9, Jan-Feb 69 (Rus)

[Therapy of multiple sclerosis] Arasa F. Folia Clin Int (Barc) 19:7-23, Jan 69 (Spa)

THERAPEUTIC USE

Heat stroke in the aged. Levine JA. Amer J Med 47:251-8, Aug 69

Myoclonic encephalopathy of infants. A report of two cases and observations on related disorders. Christoff N. Arch Neurol (Chicago) 21:229-34, Sep 69

Recurrent and chronic relapsing Guillain-Barré polyneuritis. Thomas PK, et al. Brain 92:589-606, 1969

Changing concepts in Crohn's disease. Lennard-Jones JE, et al. DM 1-37, Aug 69 (52 ref.)

Hypsarrhythmia. Lerman P. Electroenceph Clin Neurophysiol 27:216, Aug 69

Relation of laboratory evaluation to clinical effectiveness of antiepileptic drugs. Millichap JG. Epilepsia (Amst) 10:315-28, Jun 69 (43 ref.)

Treatment of myasthenia gravis with adrenocorticotropic hormone (ACTH): massive short-term and maintenance treatment. Cape CA, et al. J Neurol Neurosurg Psychiat 32:290-6, Aug 69

Polymyositis presenting as distal muscle weakness. A case report. Hollinrake K.
J Neurol Sci 8:479-84, May-Jun 69

Management of craniopharyngioma in childhood. Matson DD, et al. J Neurosurg 30:377-90, Apr 69

Facial palsy: a medical emergency. Jarvis JF, et al. S Afr Med J 43:810-1, 28 Jun 69

[Clinical studies with a synthetic ACTH] Vanslype J, et al. J Belg Rhum Med Phys 24:33-48, Jan-Feb 69 (Dut)

[Apropos of a case of incontinentia pigmenti] Daubresse E, et al.
Arch Belg Derm Syph 23:117-9, 1967 (Fre)

[Pachydermoperiostosis, cryptorchism and Marfanoid apperance] Nagant de Deuxchaisnes C, et al.
Arch Belg Derm Syph 23:121-35, 1967 (Fre)

[Treatment of hypersensitivity to sun rays by means of ACTH] Demets A.
Bruxelles Med 49:345-8, May 69 (Fre)

[Respiratory manifestations in drepanocytosis] Piéron R, et al. Coeur Med Intern 6:163-72, Apr 67 (Fre)

[Are brain metastases curable?] Riemens V.
J Med Bordeaux 144:875-80, Jun 67 (Fre)

[Cholelithiasis in scorbutic guinea pigs] Pavel I, et al.
Nutr Dieta (Basel) 11:60-8, 1969 (Fre)

[Current data on cerebral edema. II. Therapeutical aspects] Philippon J, et al.
Presse Med 76:2393-4, 21 Dec 68 (Fre)

[Urinary testosterone and epitestosterone in gynecology practice] Ingiulla W, et al.
Rev Franc Endocr Clin 10:109-20, Mar-Apr 69 (Fre)

[Clinical course of salaam convulsions in enzygotic twins] Munde B.
Arch Kinderheilk 179:66-72, May 69 (Ger)

[ACTH or glucocorticoid treatment?] Kaiser H.
Deutsch Med Wschr 94:1771-2, 29 Aug 69 (Ger)

[Neurologic diseases caused by enteroviruses in children] Windorfer A, et al.
Deutsch Med Wschr 94:2071-5, 10 Oct 69 (Ger)

[Some rare forms of cerebral attacks in children] Metz H. Munchen Med Wschr 111:1819-20, 5 Sep 69 (Ger)

[Therapy of malignant tumors in childhood] Staid G, et al. Praxis 58:714-6, 3 Jun 69 (Ger)

[On the current early therapy methods of exsudative pulmonary tuberculosis in adults] Kesztele V, et al.
Wien Med Wschr 119:492-3, 21 Jun 69 (Ger)

[Treatment possibilities of insulin resistance] Bornemisza P. Z Ges Inn Med 24:234-7, 15 Apr 69 (Ger)

[Peliosis hepatis. Recent contributions on the rôle of hormonal factors] Bartók I, et al.
Zbl Allg Path 112:171-8, 1969 (Ger)

[Hyperosmolar diabetic coma: physiopathologic considerations and therapy] Trezzini C.
Clin Ter 42:449-58, 15 Sep 67 (43 ref.) (Ita)

[Contribution to the study of Pautrier and Woringer lipomelanic reticulosis] Coppolino A, et al.
G Ital Derm 109:399-406, Sep-Oct 68 (Ita)

[Myoclonic encephalopathy with hypsarrhythmia in children] Pagano A.
Osped Psichiat 36:249-334, Jul-Dec 68 (94 ref.) (Ita)

[Special studies on endocrine diseases--Addison's disease] Motohashi K.
Clin Endocr (Tokyo) 17:539-41, Jun 69 (16 ref.) (Jap)

[Treatment and prognosis of aplastic anemia] Hiraki K, et al. Saishin Igaku 24:749-56, Apr 69 (42 ref.) (Jap)

[Study on the etiological factors in neonatal jaundice and chemotherapy] Tateno M.
Sanfujin Jissai 18:545-57, Jun 69 (Jap)

[Therapeutic trial of multiple sclerosis using immunosuppressive agents] Cendrowski W.
Neurol Neurochir Pol 3:475-9, Jul-Aug 69 (Pol)

[Some considerations on the treatment of eczema in infants and eczema in early childhood with cortisone and ACTH] Leo-Miza I.
Rev Medicochir Iasi 73:333-5, Apr-Jun 69 (Rum)

[Autoimmune thyroiditis (pathogenesis, clinical picture, diagnosis and treatment)] Aleshin BV, et al.
Probl Endokr (Moskva) 14:113-7, Nov-Dec 68 (Rus)

[Current state and prerequisites for improvement of hormone therapy in cryptorchism (review of the literature)] Iunda IF, et al.
Probl Endokr (Moskva) 15:112-6, Mar-Apr 69 (113 ref.) (Rus)

[Intravenous hormono-chemotherapy of patients with chronic forms of pulmonary tuberculosis] Kertselli IuS. Probl Tuberk 45:26-9, 1967 (Rus)

[Is it necessary to perform surgery on cancer metastases to the brain? (Review of the literature)] Tsirul'nikova RM, et al.
Vop Neirokhir 33:55-9, May-Jun 69 (75 ref.) (Rus)

[Significance of uropepsin test in hormonal and antibacterial therapy of patients with pulmonary tuberculosis] Nakhmanson SE.
Vrach Delo 1:123-4, Jan 67 (Rus)

[Therapy of multiple sclerosis] Arasa F.
Folia Clin Int (Barc) 19:7-23, Jan 69 (Spa)

[Effect of sodium salicylate and of ACTH on the regeneration of the corneal epithelium under experimental conditions] Niederlandová Z, et al.
Cesk Oftal 25:257-63, Sep 69 (Slo)

URINE

Effect of aminogluthethymide on urinary excretion of corticotropin and adrenal hormones. Hartwig W, et al.
Pol Med J 8:529-39, 1969

FSH

Treatment of male infertility with human menopausal gonadotrophin (HMG) combined with human chorionic gonadotrophin (HCG). Schellen TM.
Int J Fertil 14:222-7, Jul-Sep 69

[Influence of fasting on golden hamster anterior pituitary cells. Electron microscope study] Dubois P, et al. C R Soc Biol (Paris) 162:2116-8, 1968 (Fre)

ANALYSIS

Effect of polydiethylstilboestrol phosphate on the pituitary content of FSH and ICSH in male rats. Perkiev T, et al.
Acta Endocr (Kobenhavn) 61:449-60, Jul 69

Biological properties of human chorionic gonadotropin. Yogo I. Endocr Jap 16:215-25, Apr 69

Effects of 17alpha-ethinyl-19-nor-testosterone acetate on pituitary and serum levels of ICSH and FSH in female rats. Kraehahn G, et al.
Europ J Pharmacol 6:303-11, 1969

Follicle-stimulating hormone content of the pituitary gland before implantation in the mouse and rat. Bindon BM. J Endocr 44:349-56, Jul 69

Release of gonadotrophin in ovariectomized mice after exposure to males. Bronson FH, et al.
J Endocr 44:293-7, Jul 69

[Comparison with Steelman and Pohley's weight gain test of a new method of determining folliculostimulin (FSH)] Roos J, et al.
C R Soc Biol (Paris) 162:2244-9, 1968 (Fre)

[Metabolic processes in the ovary with regard to follicular ripening and ovulation] Jung G.
Arch Gynaek 207:124-35, 1969 (Ger)

[Advances and problems in FSH and LH measurement] Igarashi M, et al.
Clin Endocr (Tokyo) 17:227-37, Apr 69 (95 ref.) (Jap)

[Comparative study of biochemical characteristics of purified HCG. 2] Mochizuki M, et al.
J Jap Obstet Gynec Soc 21:319-20, Mar 69 (Jap)

[Change of the function of the hypothalamo-hypophyseo-ovarian system in rats with constant estrus] Propp MV, et al.
Probl Endokr (Moskva) 13:106-11, May-Jun 67 (Rus)

ANTAGONISTS & INHIBITORS

[Biologic effects of an urinary anti-gonadotropic factor] Berthelay S, et al.
J Physiol (Paris) 60:Suppl 2:401, 1968 (Fre)

BIOSYNTHESIS

A positive feedback action of androgen on pituitary follicle stimulating hormone: induction of a cyclic phenomenon. Johnson DC, et al.
Endocrinology 85:881-5, Nov 69

Release of gonadotrophin in ovariectomized mice after exposure to males. Bronson FH, et al.
J Endocr 44:293-7, Jul 69

Fluctuation of urinary level of follicle stimulating substance and of estrogen during pregnancy. Nagai S, et al. Tohoku J Exp Med 98:135-46, Jun 69

BLOOD

A positive feedback action of androgen on pituitary follicle stimulating hormone: induction of a cyclic phenomenon. Johnson DC, et al.
Endocrinology 85:881-5, Nov 69

Effects of 17alpha-ethinyl-19-nor-testosterone acetate on pituitary and serum levels of ICSH and FSH in

female rats. Kraehahn G, et al.
Europ J Pharmacol 6:303-11, 1969
Regulation of human gonadotropins: VII. Daily individual urinary estrogens, pregnanediol and serum luteinizing and follicle stimulating hormones during the menstrual cycle. Goebelsmann U, et al.
J Clin Endocr 29:1222-30, Sep 69
Serum gonadotropins before, at the inception of, and following human pregnancy. Jaffe RB, et al.
J Clin Endocr 29:1281-3, Sep 69
Radioimmunoassayable serum LH and FSH in girls with sexual precocity, premature thelarche and adrenarche. Kenny FM, et al.
J Clin Endocr 29:1272-5, Sep 69
Concentration of luteinizing and follicle-stimulating hormones in peripheral and ovarian venous plasma. Llerena LA, et al. J Clin Endocr 29:1083-9, Aug 69
Release of gonadotrophin in ovariectomized mice after exposure to males. Bronson FH, et al.
J Endocr 44:293-7, Jul 69
[Intravenous administration of synthetic lysine-8-vasopressin and oxytocin. Effects on blood levels of growth hormone, follicle-stimulating hormone and insulin] Kleinknecht D, et al.
Presse Med 77:856-8, 10 May 69 (Fre)
[The central stimuli for follicular ripening and ovulation] Buchholz R.
Arch Gynaek 207:107-23, 1969 (132 ref.) (Ger)
[Short feedback control of gonadotropin secretion of the anterior pituitary gland] Igarashi M, et al.
Saishin Igaku 24:993-6, May 69 (Jap)
[Change of the function of the hypothalamo-hypophyseo-ovarian system in rats with constant estrus] Propp MV, et al.
Probl Endokr (Moskva) 13:106-11, May-Jun 67 (Rus)

ISOLATION & PURIFICATION

[Use of sulfosalicylic acid in the purification of menopause urine follicle-stimulating hormone (FSH)] Théoleyre M, et al.
C R Acad Sci [D] (Paris) 268:1994-7, 14 Apr 69 (Fre)

METABOLISM

A positive feedback action of androgen on pituitary follicle stimulating hormone: induction of a cyclic phenomenon. Johnson DC, et al.
Endocrinology 85:881-5, Nov 69
[Nipiopharmacology of the anterior hypophysis hormones] Falorni A.
Minerva Nipiol 17:295-324, Nov-Dec 67 (403 ref.) (Ita)

PHARMACODYNAMICS

The ventral prostate weight method in hypophysectomized rats for luteinizing hormone. Specificity of the test. Christiansen P.
Acta Endocr (Kobenhavn) 59:622-8, Dec 68
Follicle stimulating hormone-like activity in human chorionic gonadotrophin preparations. Robyn C, et al.
Acta Endocr (Kobenhavn) 60:137-56, Jan 69
Role of cellular and humoral factors in the destruction of nascent plasma cell tumors. Yamada H, et al.
Cancer Res 29:1420-7, Jul 69
Pituitary regulation of preovulatory estrogen secretion in the rat. Hori T, et al. Endocr Jap 16:351-60, Jun 69
Acute effects of various gonadotropins and other pituitary hormones on preovulatory ovarian progestin secretion in hypophysectomized rats. Uchida K, et al.
Endocr Jap 16:239-49, Apr 69
Reversal by gonadotrophins of the luteolytic effect of oestrogen in the cyclic guinea-pig. Choudary JB, et al.
J Reprod Fertil 19:503-10, Aug 69
Application of controlled ovulation in the artificial insemination of pigs. Reed HC. Vet Rec 85:271, 6 Sep 69
[Lengthening of the estral cycle in rats by pituitary luteinizing hormone] Alloiteau JJ, et al.
C R Acad Sci [D] (Paris) 268:826-9, 3 Feb 69 (Fre)
[Luteinizing action of a folliculostimulating preparation (FSH) in mature rats] Aron C, et al.
C R Acad Sci [D] (Paris) 268:830-3, 3 Feb 69 (Fre)
[Nipiopharmacology of the anterior hypophysis hormones] Falorni A.
Minerva Nipiol 17:295-324, Nov-Dec 67 (403 ref.) (Ita)

PHYSIOLOGY

Patterns of urinary FSH excretion during ovulatory and anovulatory menstrual cycles. Persson BH, et al.
Acta Endocr (Kobenhavn) 59:573-8, Dec 68
Follicle stimulating hormone-like activity in human chorionic gonadotrophin preparations. Robyn C, et al.
Acta Endocr (Kobenhavn) 60:137-56, Jan 69
The endocrine control of the breasts. Harley JM.
Practitioner 203:153-7, Aug 69
[Hypophysectomy at the beginning of the estral cycle in rats; reestablishment of vaginal estrus and aptitude to ovulation by pituitary gonadotrophins] Acker G, et al. C R Acad Sci [D] (Paris) 268:2934-7, 16 Jun 69 (Fre)
[The central stimuli for follicular ripening and ovulation] Buchholz R.
Arch Gynaek 207:107-23, 1969 (132 ref.) (Ger)

SECRETION

Effect of biogenic amines, FSH-releasing factor (FRF) and other substances on the release of FSH by pituitaries incubated in vitro. Kamberi IA, et al.
Endocrinology 85:815-24, Nov 69
Electron microscopic studies of anterior pituitary glands of vitamin E-deficient male mice. Ichihara I.
J Anat 104:455-65, May 69
Regulation of human gonadotropins: VII. Daily individual urinary estrogens, pregnanediol and serum luteinizing and follicle stimulating hormones during the menstrual cycle. Goebelsmann U, et al.
J Clin Endocr 29:1222-30, Sep 69
Serum gonadotropins before, at the inception of, and following human pregnancy. Jaffe RB, et al.
J Clin Endocr 29:1281-3, Sep 69
Radioimmunoassayable serum LH and FSH in girls with sexual precocity, premature thelarche and adrenarche. Kenny FM, et al.
J Clin Endocr 29:1272-5, Sep 69
Follicle-stimulating hormone content of the pituitary gland before implantation in the mouse and rat. Bindon BM. J Endocr 44:349-56, Jul 69
Release of gonadotrophin in ovariectomized mice after exposure to males. Bronson FH, et al.
J Endocr 44:293-7, Jul 69
Possible interaction of luteinizing hormone-releasing factor with other hypothalamic releasing factors at the level of the adenohypophysis. Crighton DB, et al.
J Endocr 44:405-10, Jul 69
[Action of injection of m-tyrosine on infundibulo-tuberal monoamines of female guinea pigs and male guinea pigs treated with testosterone] Léonardelli J.
C R Soc Biol (Paris) 162:1956-9, May 69 (Fre)
[Modifications of the genital apparatus in female guinea pigs after stereotaxic lesions of the anterior hypothalamus] Poulain P.
C R Soc Biol (Paris) 162:1943-5, May 69 (Fre)
[Effects of castration on anterior pituitary cytology in male guinea pigs] Tramu G.
C R Soc Biol (Paris) 162:1941-3, May 69 (Fre)
[Biologic effects of an urinary anti-gonadotropic factor] Berthelay S, et al.
J Physiol (Paris) 60:Suppl 2:401, 1968 (Fre)
[Measurement of releasing factors] Ito S, et al.
Clin Endocr (Tokyo) 17:274-84, Apr 69 (134 ref.) (Jap)
[Electron microscopic findings of the general structure and secretory mechanism of the anterior pituitary cells] Kurosumi K.
Clin Endocr (Tokyo) 17:471-81, Jun 69 (22 ref.) (Jap)
[Relationship between ultrastructure and function of the anterior pituitary gland in birds] Mikami S.
Clin Endocr (Tokyo) 17:502-11, Jun 69 (28 ref.) (Jap)
[New endocrine disorders attracting current interest--female gonadal system] Tojo S.
Clin Endocr (Tokyo) 17:422-6, May 69 (Jap)
[Functional classification and postnatal development of the anterior pituitary cells in mice] Yamashita K.
Clin Endocr (Tokyo) 17:482-91, Jun 69 (42 ref.) (Jap)
[Study of the hypothalamic follicle-stimulating hormone-releasing factor] Ebara Y.
J Jap Obstet Gynec Soc 21:381-90, Apr 69 (Jap)
[Dynamics of the hypothalamus releasing factors during the process of maturation] Kobayashi T, et al.
Saishin Igaku 24:1007-12, May 69 (Jap)

THERAPEUTIC USE

Treatment of infertility due to anovulation.
Pennington GW. Midwives Chron 82:302-4, Sep 69
[The combination of gonad stimulating therapy with estrogenic drugs in the treatment of endocrine

sterility] Laudisio V, et al.
Quad Clin Ostet Ginec 23:86-92, Feb 68 (Ita)

URINE

Patterns of urinary FSH excretion during ovulatory and anovulatory menstrual cycles. Persson BH, et al.
Acta Endocr (Kobenhavn) 59:573-8, Dec 68

A clinical and metabolic study of masculinizing arrhenoblastoma. Sato T, et al.
Amer J Obstet Gynec 104:1124-30, 15 Aug 69

The effect of 0.5 mg lynestrenol on the follicle stimulating hormone, luteinizing hormone, oestrogen and pregnanediol excretion during the menstrual cycle. Schmidt-Elmendorff H, et al.
Arzneimittelforschung 19:1277-9, Aug 69

Urinary gonadotrophin excretion during the normal menstrual cycle. Schmidt-Elmendorff H.
Int J Fertil 14:250-5, Jul-Sep 69

Fluctuation of urinary level of follicle stimulating substance and of estrogen during pregnancy. Nagai S, et al. **Tohoku J Exp Med 98:135-46, Jun 69**

[Use of sulfosalicylic acid in the purification of menopause urine follicle-stimulating hormone (FSH)] Théoleyre M, et al.
C R Acad Sci [D] (Paris) 268:1994-7, 14 Apr 69 (Fre)

GONADOTROPINS

Identification of the thyrotrophs with the gonadotrophs in the anterior pituitaries of thyroidectomized rats. Yoshimura F, et al.
Endocr Jap 16:69-85, Feb 69

Practically applicable results of twenty years of research in endocrinology. Tausk M.
Fortschr Arzneimittelforsch 12:137-64, 1968 (130 ref.)

[Endocrinologic research] Bettendorf G.
Arch Gynaek 207:383-9, 1969 (Ger)

[Nipiopharmacology of the anterior hypophysis hormones] Falorni A.
Minerva Nipiol 17:295-324, Nov-Dec 67 (403 ref.) (Ita)

ADMINISTRATION & DOSAGE

[Clomiphene treatment and treatment with a single dose of HMG in anovulatory cycles] Ingiulla W, et al.
Arch Gynaek 207:46-7, 1969 (Ger)

[Combined effect of HMG and Clomid on ovulation] Misono Y, et al. **Sanfujin Jissai 18:307-13, Apr 69 (Jap)**

[Combined effect of HMG and HCG on ovulaton (statistical reports in Japan)] Tanaka Y.
Sanfujin Jissai 18:314-9, Apr 69 (Jap)

ADVERSE EFFECTS

Discrepancies between colpocytology and urinary steroid hormone excretion in women treated with clomiphene citrate or gonadotropins for anovulatory sterility. Boquoi E, et al.
Acta Cytol (Balt) 13:332-46, Jun 69

ANALYSIS

[Gonadotropin] Minaguchi H, et al.
Jap J Clin Med 27:585-92, Mar 69 (Jap)

ANTAGONISTS & INHIBITORS

Partial separation of gonadotropin-inhibiting substance in human urine. Ota M, et al.
Endocr Jap 16:279-81, Apr 69

Endocrine activities of some novel steroids. McKinney GR, et al. **Steroids 14:91-5, Aug 69**

[Biologic effects of an urinary anti-gonadotropic factor] Berthelay S, et al.
J Physiol (Paris) 60:Suppl 2:401, 1968 (Fre)

[Anti-gonadotropic principle of the pineal gland] Thiebiot L, et al.
J Physiol (Paris) 60:Suppl 2:554, 1968 (Fre)

BLOOD

Chromophobe pituitary adenoma with acromegaly and TSH-induced hyperthyroidism associated with parathyroid adenoma. Acromegaly and parathyroid adenoma. Lamberg BA, et al.
Acta Endocr (Kobenhavn) 60:157-72, Jan 69

[Gonadotropins in preparations of gamma-globulin and albumin, obtained from serum of abortion and placental blood] Speranskiĭ VV.
Probl Gemat 13:54-5, Nov 68 (Rus)

DIAGNOSTIC USE

Histological and histochemical studies of human anovulatory ovaries correlated with endocrinological analysis. Mori T.
Acta Obstet Gynaec Jap 16:156-64, Jul 69

ISOLATION & PURIFICATION

[Condensation of gonadotropins from the urine of postmenopausal women] Paszko Z, et al.
Endokr Pol 20:351-8, 1969 (Pol)

METABOLISM

[Principles of the ovulation phenomenon] Iizuka R, et al. **Sanfujin Jissai 18:294-300, Apr 69 (42 ref.) (Jap)**

PHARMACODYNAMICS

Synergistic and inhibitory activity of various hormones on the exophthalmo producing factor in sera of patients suffering from endocrine exophthalmos. Schemmel K, et al.
Acta Endocr (Kobenhavn) 61:407-14, Jul 69

Reversal by gonadotrophins of the luteolytic effect of oestrogen in the cyclic guinea-pig. Choudary JB, et al.
J Reprod Fertil 19:503-10, Aug 69

[Ultrastructural cytology of the end of heterotypic mitosis provoked by coitus and gonadotropins in rabbits] Moricard R, et al.
C R Acad Sci [D] (Paris) 268:2458-61, 19 May 69 (Fre)

[Endogenous and exogenous influences on the ovarian function and embryonal development] Smidt D.
Arch Gynaek 207:155-64, 1969 (Ger)

[Medicinal ovulation induction] Zander J.
Arch Gynaek 207:406-9, 1969 (Ger)

[Study of the effect of gonadotropin on the dynamics of ovarian nucleic acids using spectrophotometry] Mori T. **J Jap Obstet Gynec Soc 21:357-63, Apr 69 (Jap)**

PHYSIOLOGY

[Mechanism of the action of gonadotropins] Presl J.
Cesk Gynek 34:434-5, Sep 69 (Cze)

[Endocrinological consideration of ovulation] Tojo S, et al. **Sanfujin Jissai 18:285-93, Apr 69 (46 ref.) (Jap)**

SECRETION

Release of gonadotrophin in ovariectomized mice after exposure to males. Bronson FH, et al.
J Endocr 44:293-7, Jul 69

Circadian rhythmicity in photoperiodically induced gonadotrophin release and gonadal growth in the quail. Follett BK, et al.
Nature (London) 223:968-71, 30 Aug 69

[New endocrine disorders attracting current interest--female gonadal system] Tojo S.
Clin Endocr (Tokyo) 17:422-6, May 69 (Jap)

[Metabolism of catecholamines in the brain and sexual cycle. 2] Kurachi K, et al.
Saishin Igaku 24:997-1001, May 69 (Jap)

[Early steroid regulation of sexual differentiation of the brain (review of the literature)] Vunder PA.
Probl Endokr (Moskva) 15:114-20, May-Jun 69 (53 ref.) (Rus)

THERAPEUTIC USE

Metabolic clearance of human chorionic gonadotrophin administered to non pregnant women. Wide L, et al.
Acta Endocr (Kobenhavn) 59:579-94, Dec 68

Treatment of male infertility with human menopausal gonadotrophin (HMG) combined with human chorionic gonadotrophin (HCG). Schellen TM.
Int J Fertil 14:222-7, Jul-Sep 69

[On the origin of male sexual disorders due to a biotin deficiency. Hormone and vitamin treatments] Delost P, et al. **Arch Sci Physiol (Paris) 23:243-68, 1969 (Fre)**

[Treatment with sex hormones--pharmacology] Kramer M. **Z Allgemeinmed 45:660-9, 20 May 69 (Ger)**

[Current state and prerequisites for improvement of hormone therapy in cryptorchism (review of the literature)] Iunda IF, et al.
Probl Endokr (Moskva) 15:112-6, Mar-Apr 69 (113 ref.) (Rus)

URINE

Sexual impotence and some autonomic disturbances in men with multiple sclerosis. Vas CJ.
Acta Neurol Scand 45:166-82, 1969

The effect of 0.5 mg lynestrenol on the follicle stimulating hormone, luteinizing hormone, oestrogen and pregnanediol excretion during the menstrual cycle. Schmidt-Elmendorff H, et al.
Arzneimitteiforschung 19:1277-9, Aug 69

A case of adrenocortical cancer treated with O,P'-DDD. Sakauchi N, et al. Endocr Jap 16:287-90, Apr 69

Treatment of male infertility with human menopausal gonadotrophin (HMG) combined with human chorionic gonadotrophin (HCG). Schellen TM.
Int J Fertil 14:222-7, Jul-Sep 69

A case of adult male pseudohermaphroditism: the problems of diagnosis and treatment. Jelinek VM, et al. Med J Aust 2:150-3, 19 Jul 69

[Testicular function in idiopathic hemochromatosis] Gilbert-Dreyfus.
Rev Franc Endocr Clin 10:191-203, May-Jun 69 (Fre)

[The central stimuli for follicular ripening and ovulation] Buchholz R.
Arch Gynaek 207:107-23, 1969 (132 ref.) (Ger)

[Werner's syndrome combined with pseudo-Klinefelter's syndrome] Tritsch H, et al.
Hautarzt 19:547-51, Dec 68 (Ger)

[Electrocardiographic changes in the course of a vesicular mole] Giannone R, et al.
Folia Cardiol (Milano) 27:343-53, Nov-Dec 68 (Ita)

[Aspects of steroid biosynthesis in normal human testes] Sciarra F, et al.
Folia Endocr (Roma) 21:412-22, Aug 68 (Ita)

[Study on estrogen, pregnanediol and gonadotropin in patients with an abnormal feeling in the throat] Miyake H. J Otolaryng Jap 72:876-83, Apr 69 (Jap)

[Clinical effect of F 6066 on ovulation] Nishimura T, et al. Sanfujin Jissai 18:301-6, Apr 69 (Jap)

[Condensation of gonadotropins from the urine of postmenopausal women] Paszko Z, et al.
Endokr Pol 20:351-8, 1969 (Pol)

[Evaluation of the use of domestic latex in serological pregnancy tests] Sowiński S, et al.
Przegl Lek 25:495-7, 24 Jun 69 (Pol)

GONADOTROPINS, PITUITARY

ADMINISTRATION & DOSAGE

[Contribution on the therapy of anovulatory sterility with menopausal gonadotropin] Stöckli A.
Gynaecologia (Basel) 167:439-42, 1969 (Ger)

ANALYSIS

Effect of polydiethylstilboestrol phosphate on the pituitary content of FSH and ICSH in male rats. Perkiev T, et al.
Acta Endocr (Kobenhavn) 61:449-60, Jul 69

Gel filtration analysis of ovine pituitary gonadotropins. Bullemma ML, et al. Indian J Exp Biol 7:75-8, Apr 69

ANTAGONISTS & INHIBITORS

Effect of thiourea on ovulation in vitro in the skipper frog, Rana cyanophlyctis (Schn). Sarkar HB, et al.
Acta Endocr (Kobenhavn) 60:173-6, Jan 69

ISOLATION & PURIFICATION

[Condensation of gonadotropins from the urine of postmenopausal women] Paszko Z, et al.
Endokr Pol 20:351-8, 1969 (Pol)

METABOLISM

Effect of a progestinestrogen combination (Enovid) on pituitary gonadotrophin and ovulation in rats. Husain SM, et al. Rev Canad Biol 27:431-5, Dec 68

The anterior pituitary of the Japanese quail, Coturnix coturnix japonica. The cytological effects of photoperiodic stimulation. Tixier-Vidal A, et al.
Z Zellforsch 92:610-35, 1968

PHARMACODYNAMICS

Follicle stimulating hormone-like activity in human chorionic gonadotrophin preparations. Robyn C, et al.
Acta Endocr (Kobenhavn) 60:137-56, Jan 69

Hormonal influence on fibrinolytic activity of uterus and vagina in the juvenile rat. Tympanidis K, et al.
Acta Endocr (Kobenhavn) 60:69-78, Jan 69

Acute effects of various gonadotropins and other pituitary hormones on preovulatory ovarian progestin secretion in hypophysectomized rats. Uchida K, et al.
Endocr Jap 16:239-49, Apr 69

Presence of hypothalamo-pituitary testicular axis in the early postnatal period. Yagimura T, et al.
Endocr Jap 16:5-10, Feb 69

[Medicinal ovulation induction] Zander J.
Arch Gynaek 207:406-9, 1969 (Ger)

PHYSIOLOGY

The endocrine control of the breasts. Harley JM.
Practitioner 203:153-7, Aug 69

[Hypophysectomy at the beginning of the estral cycle in rats; reestablishment of vaginal estrus and aptitude to ovulation by pituitary gonadotrophins] Acker G, et al. C R Acad Sci [D] (Paris) 268:2934-7, 16 Jun 69 (Fre)

[From ovulation to implantation (report)] Buchholz R.
Arch Gynaek 207:177-86, 1969 (Ger)

[Metabolic processes in the ovary with regard to follicular ripening and ovulation] Jung G.
Arch Gynaek 207:124-35, 1969 (Ger)

SECRETION

Target gland insufficiency and puituary tumours. Leiba S, et al. Acta Endocr (Kobenhavn) 60:112-20, Jan 69

Comparative study of ovarian hypertrophy and estral cycle in rats with two different mesencephalic lesions. Griñó E, et al. J Neurovisc Relat 31:76-85, 1968

Circadian rhythmicity in photoperiodically induced gonadotrophin release and gonadal growth in the quail. Follett BK, et al.
Nature (London) 223:968-71, 30 Aug 69

On the mechanism of sexual differentiation of the rat hypothalamus. Flerkó B, et al.
Rass Neurol Veg 21:85-98, 30 Apr 67

Studies on the structure and ultrastructure of the intact and "methallibure" -treated meso-adenohypophysis of the viviparous teleost Cymatogaster aggregata Gibbons. Leatherland JF.
Z Zellforsch 98:122-34, 1969

[Considerations of the advent and evolution of climacteric during Cushing's disease and secondary hypercorticism] Augustin M, et al.
Rev Franc Endocr Clin 10:99-108, Mar-Apr 69 (Fre)

[New endocrine disorders attracting current interest--anterior pituitary gland] Matsuzaki F.
Clin Endocr (Tokyo) 17:383-8, May 69 (26 ref.) (Jap)

[Short feedback control of gonadotropin secretion of the anterior pituitary gland] Igarashi M, et al.
Saishin Igaku 24:993-6, May 69 (Jap)

[Effect of the hypothalamus on ultrastructure of the anterior pituitary cells, with special reference to various findings on somatotrophs and gonadotrophs] Shiotani Y, et al. Saishin Igaku 24:956-62, May 69 (Jap)

[Cytological and cytochemical changes in the adenohypophysis of the adult male rats treated with cyproterone] Miętkiewski K, et al.
Endokr Pol 20:311-23, 1969 (Pol)

[On the effect of various pesticides on the hypophysis and its gonadotropic function] Rybakova MN.
Gig Sanit 33:27-31, Nov 68 (Rus)

THERAPEUTIC USE

An account of the Birmingham "sextuplets". Aiken RA.
J Obstet Gynaec Brit Comm 76:884-91, Aug 69

Septuplet conception: placental and zygosity studies. Cameron AH, et al.
J Obstet Gynaec Brit Comm 76:692-8, Aug 69

[Contribution on the therapy of anovulatory sterility with menopausal gonadotropin] Stöckli A.
Gynaecologia (Basel) 167:439-42, 1969 (Ger)

URINE

Contraception by an injectable, long-acting oestrogen-progestogen agent. Plesner R.
Acta Endocr (Kobenhavn) 61:494-508, Jul 69

Urinary gonadotrophin excretion during the normal menstrual cycle. Schmidt-Elmendorff H.
Int J Fertil 14:250-5, Jul-Sep 69

Pituitary enlargement with longstanding myxoedema. Patel YC, et al. New Zeal Med J 70:21-3, Jul 69

[Pachydermoperiostosis, cryptorchism and Marfanoid

apperance] Nagant de Deuxchaisnes C, et al. Arch Belg Derm Syph 23:121-35, 1967 (Fre)
[Hormone studies, treatment methodswith tranquilizers and norsteroids in juvenile metropathy] Tfh F, et al. Z Geburtsh Gynaek 170:302-7, 1969 (Ger)

LH

Treatment of male infertility with human menopausal gonadotrophin (HMG) combined with human chorionic gonadotrophin (HCG). Schellen TM. Int J Fertil 14:222-7, Jul-Sep 69
[Influence of fasting on golden hamster anterior pituitary cells. Electron microscope study] Dubois P, et al. C R Soc Biol (Paris) 162:2116-8, 1968 (Fre)

ADMINISTRATION & DOSAGE

[Lengthening of the estral cycle in rats by pituitary luteinizing hormone] Alloiteau JJ, et al. C R Acad Sci [D] (Paris) 268:826-9, 3 Feb 69 (Fre)

ANALYSIS

The ventral prostate weight method in hypophysectomized rats for luteinizing hormone. Specificity of the test. Christiansen P. Acta Endocr (Kobenhavn) 59:622-8, Dec 68
The ovarian ascorbic acid depletion test for luteinizing hormone. Lack of specificity. Koed HJ, et al. Acta Endocr (Kobenhavn) 59:629-35, Dec 68
Biological properties of human chorionic gonadotropin. Yogo I. Endocr Jap 16:215-25, Apr 69
Radioimmunoassay determination of luteinizing hormone during the estrous cycle of the rat. Monroe SE, et al. Endocrinology 85:720-4, Oct 69
Effects of 17alpha-ethinyl-19-nor-testosterone acetate on pituitary and serum levels of ICSH and FSH in female rats. Kraehahn G, et al. Europ J Pharmacol 6:303-11, 1969
The role of sex hormones in problems of the mature years and beyond. Geller J. J Amer Geriat Soc 17:861-73, Sep 69
The delta cell of the human hypophysis in childhood. Halmi NS, et al. J Clin Endocr 29:1036-41, Aug 69
Release of gonadotrophin in ovariectomized mice after exposure to males. Bronson FH, et al. J Endocr 44:293-7, Jul 69
[Metabolic processes in the ovary with regard to follicular ripening and ovulation] Jung G. Arch Gynaek 207:124-35, 1969 (Ger)
[Advances and problems in FSH and LH measurement] Igarashi M, et al. Clin Endocr (Tokyo) 17:227-37, Apr 69 (95 ref.) (Jap)
[Comparative study of biochemical characteristics of purified HCG. 2] Mochizuki M, et al. J Jap Obstet Gynec Soc 21:319-20, Mar 69 (Jap)
[Hypothalamic control of the luteinizing function of the hypophysis in male rats] Babichev VN. Probl Endokr (Moskva) 15:68-72, May-Jun 69 (Rus)
[A comparative study of estradiol sensitivity of luteinizing function of hypophysis in intact and castrated female rats] Dmitrieva OK. Probl Endokr (Moskva) 14:85-9, May-Jun 68 (Rus)
[Secretion of luteinizing gonadotropin and its regulation at the early human ontogenesis] Levina SE. Probl Endokr (Moskva) 14:56-60, Nov-Dec 68 (Rus)
[Change of the function of the hypothalamo-hypophyseo-ovarian system in rats with constant estrus] Propp MV, et al. Probl Endokr (Moskva) 13:106-11, May-Jun 67 (Rus)

ANTAGONISTS & INHIBITORS

Induction of polycystic ovarian disease in rats by continuous ght. IV. Effect of a bovine pineal gland extract. Singh KB. Amer J Obstet Gynec 105:274-5, 15 Sep 69

BIOSYNTHESIS

[Synthesis and release of LH, prolactin and TSH in rabbits and birds] Kanematsu S, et al. Saishin Igaku 24:1002-6, May 69 (Jap)

BLOOD

Periovulatory levels of plasma progesterone and luteinizing hormone in women. Johansson ED, et al. Acta Endocr (Kobenhavn) 62:82-8, Sep 69
The hormonal response to physical exercise. Sutton JR, et al. Aust Ann Med 18:84-90, May 69 (48 ref.)
Effects of steroids on the release of luteinizing hormone in the rat. Kobayashi F, et al. Endocr Jap 16:251-60, Apr 69
Radioimmunoassay determination of luteinizing hormone during the estrous cycle of the rat. Monroe SE, et al. Endocrinology 85:720-4, Oct 69
Effects of 17alpha-ethinyl-19-nor-testosterone acetate on pituitary and serum levels of ICSH and FSH in female rats. Kraehahn G, et al. Europ J Pharmacol 6:303-11, 1969
Regulation of human gonadotropins: VII. Daily individual urinary estrogens, pregnanediol and serum luteinizing and follicle stimulating hormones during the menstrual cycle. Goebelsmann U, et al. J Clin Endocr 29:1222-30, Sep 69
Serum gonadotropins before, at the inception of, and following human pregnancy. Jaffe RB, et al. J Clin Endocr 29:1281-3, Sep 69
Stimulation of LH release in men and women by LH-releasing hormone purified from porcine hypothalami. Kastin AJ, et al. J Clin Endocr 29:1046-50, Aug 69
Radioimmunoassayable serum LH and FSH in girls with sexual precocity, premature thelarche and adrenarche. Kenny FM, et al. J Clin Endocr 29:1272-5, Sep 69
Concentration of luteinizing and follicle-stimulating hormones in peripheral and ovarian venous plasma. Llerena LA, et al. J Clin Endocr 29:1083-9, Aug 69
Ovarian physiology: relationship between plasma LH and steroidogenesis by the follicle and corpus luteum; effect of HCG. Strott CA, et al. J Clin Endocr 29:1157-67, Sep 69
Release of gonadotrophin in ovariectomized mice after exposure to males. Bronson FH, et al. J Endocr 44:293-7, Jul 69
Sex difference in the release of luteinizing hormone evoked by progesterone. Taleisnik S, et al. J Endocr 44:313-21, Jul 69
The analysis of inter-spike interval fluctuation of hypothalamic unit activity in response to luteinizing hormone and oxytocin. Kawakami M, et al. Jap J Physiol 19:243-59, 15 Apr 69
Plasma testosterone and luteinising hormone in XYY men. Hudson B, et al. Lancet 2:699, 27 Sep 69
Luteinizing hormone-releasing activity in hypophysial stalk blood and elevation by dopamine. Kamberi IA, et al. Science 166:388-90, 17 Oct 69
[The central stimuli for follicular ripening and ovulation] Buchholz R. Arch Gynaek 207:107-23, 1969 (132 ref.) (Ger)
[Radioimmunoassay of chorionic gonadotropin (HCG), with special reference to the practice of its theory and its significance as a clinical examination] Tojo S, et al. Clin Endocr (Tokyo) 17:523-9, Jun 69 (Jap)
[Short feedback control of gonadotropin secretion of the anterior pituitary gland] Igarashi M, et al. Saishin Igaku 24:993-6, May 69 (Jap)
[The importance of the anterior part of the hypothalamus in the reaction of the luteinizing function of the adenohypophysis] Dmitrieva OK. Akush Ginek (Moskva) 45:44-8, May 69 (Rus)
[Concentration of the hypothalamic factor, stimulating hypophyseal secretion of the luteinizing hormone] Basova GG, et al. Probl Endokr (Moskva) 14:78-82, May-Jun 68 (Rus)
[A comparative study of estradiol sensitivity of luteinizing function of hypophysis in intact and castrated female rats] Dmitrieva OK. Probl Endokr (Moskva) 14:85-9, May-Jun 68 (Rus)
[Change of the function of the hypothalamo-hypophyseo-ovarian system in rats with constant estrus] Propp MV, et al. Probl Endokr (Moskva) 13:106-11, May-Jun 67 (Rus)

METABOLISM

[Nipiopharmacology of the anterior hypophysis hormones] Falorni A. Minerva Nipiol 17:295-324, Nov-Dec 67 (403 ref.) (Ita)
[Synthesis and release of LH, prolactin and TSH in rabbits and birds] Kanematsu S, et al. Saishin Igaku 24:1002-6, May 69 (Jap)

PHARMACODYNAMICS

The ventral prostate weight method in hypophysectomized rats for luteinizing hormone.

Specificity of the test. Christiansen P.
Acta Endocr (Kobenhavn) 59:622-8, Dec 68
Glucose metabolism in the superovulated rat ovary in vitro. Effects of luteinizing hormone and the role of glucose metabolism in steroidogenesis. Flint AP, et al.
Biochem J 112:243-54, Apr 69
Role of cellular and humoral factors in the destruction of nascent plasma cell tumors. Yamada H, et al.
Cancer Res 29:1420-7, Jul 69
Pituitary regulation of preovulatory estrogen secretion in the rat. Hori T, et al. Endocr Jap 16:351-60, Jun 69
Acute effects of various gonadotropins and other pituitary hormones on preovulatory ovarian progestin secretion in hypophysectomized rats. Uchida K, et al.
Endocr Jap 16:239-49, Apr 69
Delta-5-3-beta-hydroxysteroid dehydrogenase in toad testis: synergistic action of ascorbic acid and luteinizing hormone. Biseas NM.
Endocrinology 85:981-3, Nov 69
The effect of luteinizing hormone and adenosine 3',5'-monophosphate on progesterone biosynthesis by bovine granulosa cells in culture. Cirillo VJ, et al.
Exp Cell Res 57:139-42, Sep 69
The action of chlormadinone acetate (6-chloro-delta6-dehydro-17alpha-acetoxyprogesterone) upon experimentally induced ovulation in the rabbit. Harris GW, et al.
J Physiol (London) 203:59-66, Jul 69
Reversal by gonadotrophins of the luteolytic effect of oestrogen in the cyclic guinea-pig. Choudary JB, et al.
J Reprod Fertil 19:503-10, Aug 69
The analysis of inter-spike interval fluctuation of hypothalamic unit activity in response to luteinizing hormone and oxytocin. Kawakami M, et al.
Jap J Physiol 19:243-59, 15 Apr 69
[Lengthening of the estral cycle in rats by pituitary luteinizing hormone] Alloiteau JJ, et al.
C R Acad Sci [D] (Paris) 268:826-9, 3 Feb 69 (Fre)
[Nipiopharmacology of the anterior hypophysis hormones] Falorni A.
Minerva Nipiol 17:295-324, Nov-Dec 67 (403 ref.) (Ita)

PHYSIOLOGY

Patterns of urinary FSH excretion during ovulatory and anovulatory menstrual cycles. Persson BH, et al.
Acta Endocr (Kobenhavn) 59:573-8, Dec 68
Delta-5-3-beta-hydroxysteroid dehydrogenase in toad testis: synergistic action of ascorbic acid and luteinizing hormone. Biseas NM.
Endocrinology 85:981-3, Nov 69
The endocrine control of the breasts. Harley JM.
Practitioner 203:153-7, Aug 69
[Hypophysectomy at the beginning of the estral cycle in rats; reestablishment of vaginal estrus and aptitude to ovulation by pituitary gonadotrophins] Acker G, et al. C R Acad Sci [D] (Paris) 268:2934-7, 16 Jun 69 (Fre)
[The central stimuli for follicular ripening and ovulation] Buchholz R.
Arch Gynaek 207:107-23, 1969 (132 ref.) (Ger)

SECRETION

Depletion of pituitary LH induced by coitus in the male hamster. Donoso AO, et al.
Acta Physiol Lat Amer 19:70-1, 1969
Regulation of LH secretion in the rat. Van Rees GP.
Acta Physiol Pharmacol Neerl 15:136-40, Jun 69
Causal relationship between luteinizing hormone release and estrogen secretion in the rat. Kobayashi F, et al. Endocr Jap 16:261-7, Apr 69
Effects of steroids on the release of luteinizing hormone in the rat. Kobayashi F, et al.
Endocr Jap 16:251-60, Apr 69
Ovarian secretion of progesterone and 20alpha-hydroxypregn-4-en-3-one during rat estrous cycle in chronological relation to pituitary release of luteinizing hormone. Uchida K, et al.
Endocr Jap 16:227-37, Apr 69
Selective inhibition of superovulation by blockade of dopamine synthesis during the "critical period" in the immature rat. Kordon C, et al.
Endocrinology 85:924-31, Nov 69
Radioimmunoassay determination of luteinizing hormone during the estrous cycle of the rat. Monroe SE, et al. Endocrinology 85:720-4, Oct 69
Electron microscopic studies of anterior pituitary glands of vitamin E-deficient male mice. Ichihara I.
J Anat 104:455-65, May 69
Regulation of human gonadotropins: VII. Daily individual urinary estrogens, pregnanediol and serum luteinizing and follicle stimulating hormones during the menstrual cycle. Goebelsmann U, et al.
J Clin Endocr 29:1222-30, Sep 69
Serum gonadotropins before, at the inception of, and following human pregnancy. Jaffe RB, et al.
J Clin Endocr 29:1281-3, Sep 69
Stimulation of LH release in men and women by LH-releasing hormone purified from porcine hypothalami. Kastin AJ, et al.
J Clin Endocr 29:1046-50, Aug 69
Radioimmunoassayable serum LH and FSH in girls with sexual precocity, premature thelarche and adrenarche. Kenny FM, et al.
J Clin Endocr 29:1272-5, Sep 69
Release of gonadotrophin in ovariectomized mice after exposure to males. Bronson FH, et al.
J Endocr 44:293-7, Jul 69
Possible interaction of luteinizing hormone-releasing factor with other hypothalamic releasing factors at the level of the adenohypophysis. Crighton DB, et al.
J Endocr 44:405-10, Jul 69
Sex difference in the release of luteinizing hormone evoked by progesterone. Taleisnik S, et al.
J Endocr 44:313-21, Jul 69
[Identification of LH cells of swine by optic microscopy, electron microscopy and by immunofluorescence] Heriant M, et al.
C R Acad Sci [D] (Paris) 269:368-70, 1969 (Fre)
[Heterogenicity of purified extracts containing the hypothalamus factor controlling LH-ICSH secretion in guinea pigs] Moschetto Y, et al.
C R Acad Sci [D] (Paris) 268:3096-9, 23 Jun 69 (Fre)
[Action of injection of m-tyrosine on infundibulo-tuberal monoamines of female guinea pigs and male guinea pigs treated with testosterone] Léonardelli J.
C R Soc Biol (Paris) 162:1956-9, May 69 (Fre)
[Modifications of the genital apparatus in female guinea pigs after stereotaxic lesions of the anterior hypothalamus] Poulain P.
C R Soc Biol (Paris) 162:1943-5, May 69 (Fre)
[Effects of castration on anterior pituitary cytology in male guinea pigs] Tramu G.
C R Soc Biol (Paris) 162:1941-3, May 69 (Fre)
[Biologic effects of an urinary anti-gonadotropic factor] Berthelay S, et al.
J Physiol (Paris) 60:Suppl 2:401, 1968 (Fre)
[Unit activity in the hypothalamus studied in relation to ovulation in free chronic rabbits] Faure JM, et al.
J Physiol (Paris) 60:Suppl 2:439+, 1968 (Fre)
[Electron microscopic findings of the general structure and secretory mechanism of the anterior pituitary cells] Kurosumi K.
Clin Endocr (Tokyo) 17:471-81, Jun 69 (22 ref.) (Jap)
[Relationship between ultrastructure and function of the anterior pituitary gland in birds] Mikami S.
Clin Endocr (Tokyo) 17:502-11, Jun 69 (28 ref.) (Jap)
[New endocrine disorders attracting current interest--female gonadal system] Tojo S.
Clin Endocr (Tokyo) 17:422-6, May 69 (Jap)
[Functional classification and postnatal development of the anterior pituitary cells in mice] Yamashita K.
Clin Endocr (Tokyo) 17:482-91, Jun 69 (42 ref.) (Jap)
[Study on physiological action of LH-RF (luteinizing hormone releasing factor) using rats with continuous estrus] Ichikawa H.
J Jap Obstet Gynec Soc 21:245-54, Mar 69 (Jap)
[Study of the hypothalamic luteinizing hormone-releasing factor] Mayuzumi R.
J Jap Obstet Gynec Soc 21:371-80, Apr 69 (Jap)
[Synthesis and release of LH, prolactin and TSH in rabbits and birds] Kanematsu S, et al.
Saishin Igaku 24:1002-6, May 69 (Jap)
[Dynamics of the hypothalamus releasing factors during the process of maturation] Kobayashi T, et al.
Saishin Igaku 24:1007-12, May 69 (Jap)
[Causative relations between pituitary luteinizing hormone release and secretion of ovarian steroid in sexual cycles in rats] Miyake T.
Saishin Igaku 24:1012-23, May 69 (Jap)
[The importance of the anterior part of the hypothalamus in the reaction of the luteinizing function of the adenohypophysis] Dmitrieva OK.
Akush Ginek (Moskva) 45:44-8, May 69 (Rus)
[Sexual differentiation of the hypothalamus (review of the literature)] Babichev VN.
Probl Endokr (Moskva) 15:120-4, May-Jun 69 (48 ref.) (Rus)
[Concentration of the hypothalamic factor, stimulating

hypophyseal secretion of the luteinizing hormone] Basova GG, et al.
Probl Endokr (Moskva) 14:78-82, May-Jun 68 (Rus)
[Secretion of luteinizing gonadotropin and its regulation at the early human ontogenesis] Levina SE.
Probl Endokr (Moskva) 14:56-60, Nov-Dec 68 (Rus)
[Early steroid regulation of sexual differentiation of the brain (review of the literature)] Vunder PA.
Probl Endokr (Moskva) 15:114-20, May-Jun 69 (53 ref.) (Rus)

THERAPEUTIC USE

[The combination of gonad stimulating therapy with estrogenic drugs in the treatment of endocrine sterility] Laudisio V, et al.
Quad Clin Ostet Ginec 23:86-92, Feb 68 (Ita)

URINE

The ventral prostate weight method in hypophysectomized rats for luteinizing hormone. Specificity of the test. Christiansen P.
Acta Endocr (Kobenhavn) 59:622-8, Dec 68
Patterns of urinary FSH excretion during ovulatory and anovulatory menstrual cycles. Persson BH, et al.
Acta Endocr (Kobenhavn) 59:573-8, Dec 68
Induction of polycystic ovarian disease in rats by continuous ght. IV. Effect of a bovine pineal gland extract. Singh KB.
Amer J Obstet Gynec 105:274-5, 15 Sep 69
The effect of 0.5 mg lynestrenol on the follicle stimulating hormone, luteinizing hormone, oestrogen and pregnanediol excretion during the menstrual cycle. Schmidt-Elmendorff H, et al.
Arzneimittelforschung 19:1277-9, Aug 69
Urinary gonadotrophin excretion during the normal menstrual cycle. Schmidt-Elmendorff H.
Int J Fertil 14:250-5, Jul-Sep 69
Plasma testosterone and luteinising hormone in XYY men. Hudson B, et al. Lancet 2:699, 27 Sep 69
[Use of sulfosalicylic acid in the purification of menopause urine follicle-stimulating hormone (FSH)] Théoleyre M, et al.
C R Acad Sci [D] (Paris) 268:1994-7, 14 Apr 69 (Fre)
[Studies concerning the action mechanism of a retrosteroid, RO 4-8347] Béguin F, et al.
Gynaecologia (Basel) 167:450-61, 1969 (Fre)
[The influence of sistometril on the LH excretion in the urine of women with menstruation disorders] Wawryk R, et al. Ginek Pol 40:903-10, Aug 69 (Pol)

LIPOTROPIN

[Demonstration of lipotropic hormone (beta-lipotropin) in human hypophysis (preliminary report)] Cseh G, et al.
Orv Hetil 110:1546-7, 6 Jul 69 (Hun)

PHARMACODYNAMICS

Effects of porcine beta-lipotropic hormone on lipid metabolism. Tamási G, et al.
Experientia 25:360-1, 15 Apr 69

MSH

The use of maleic anhydride for the reversible blocking of amino groups in polypeptide chains. Butler PJ, et al.
Biochem J 112:679-89, May 69
Studies on peptides. XXII. Synthesis of the partially protected pentadecapeptide related to monkey and human beta-melanocyte-stimulating hormones. Yajima H, et al.
Chem Pharm Bull (Tokyo) 17:1229-36, Jun 69

ANALYSIS

The effect of hypothalamic lesions on the melanocyte-stimulating hormone content and histology of the pars intermedia of the rat pituitary gland. Howe A, et al.
J Physiol (London) 203:159-71, Jul 69

ANTAGONISTS & INHIBITORS

Role of cyclic AMP in mediating the effects of MSH, norepinephrine, and melatonin on frog skin color. Abe K, et al. Endocrinology 85:674-82, Oct 69

BLOOD

Oestrogen treatment in Cushing's syndrome. Norman N, et al. Acta Endocr (Kobenhavn) 61:320-2, Jun 69

CHEMICAL SYNTHESIS

Chemical synthesis of peptides. Katsoyannis P, et al.
Ann Rev Biochem 38:881-912, 1969 (198 ref.)
Studies on peptides. 23. Total synthesis of monkey beta-melanocyte-stimulating hormone. Yajima H, et al. Chem Pharm Bull (Tokyo) 17:1237-45, Jun 69

PHARMACODYNAMICS

Bioassay of parathyroid hormone in vitro with a stable preparation of adenyl cyclase from rat kidney. Marcus R, et al. Endocrinology 85:801-10, Nov 69
The beta adrenergic receptor and cyclic 3',5'-adenosine monophosphate: possible roles in the regulation of melanophore responses of the spadefoot toad, Scaphiopus couchi. Goldman JM, et al.
Gen Comp Endocr 13:151-63, Aug 69
ACTH sensitive adenyl cyclase in bovine adrenal cortex membrane fractions. Hechter O, et al.
Life Sci 8:935-42, 1 Sep 69

PHYSIOLOGY

Role of pituitary gland in melanin synthesis in tadpole skin. Kikuyama S, et al. Endocr Jap 16:275-8, Apr 69
Identification of a catecholamine in the skin of the toad, Xenopus laevis, and the relation to the physiological melanophore reaction. Brouwer E, et al.
Experientia 25:391-2, 15 Apr 69
[Activity of the pars intermedia of the autotransplanted pituitary gland in the European eel] Olivereau M. Z Zellforsch 98:74-87, 1969 (Fre)

SECRETION

Evidence for a doubly innervated secretory unit in the anuran pars intermedia. II. Electron microscopic studies. Nakai Y, et al.
Gen Comp Endocr 13:108-16, Aug 69
Evidence for a doubly innervated secretory unit in the anuran pars intermedia. I. Electrophysiologic studies. Oshima K, et al. Gen Comp Endocr 13:98-107, Aug 69
[Activity of the pars intermedia of the autotransplanted pituitary gland in the European eel] Olivereau M. Z Zellforsch 98:74-87, 1969 (Fre)

OXYTOCICS

ANALYSIS

Planetocin and the insect gut. Browne LB, et al.
Comp Biochem Physiol 30:99-104, 1 Jul 69

METABOLISM

Planetocin and the insect gut. Browne LB, et al.
Comp Biochem Physiol 30:99-104, 1 Jul 69
Inactivation of deamino-oxytocin, deamino-carba-oxytocin, (D-lys)-, and (D-arg)vasopressins by kidney cell particles. Barth T, et al. Experientia 25:646-7, 15 Jun 69

PHARMACODYNAMICS

Planetocin and the insect gut. Browne LB, et al.
Comp Biochem Physiol 30:99-104, 1 Jul 69

THERAPEUTIC USE

Prolonged labour. Lewis BV.
Brit Med J 3:473-4, 23 Aug 69

OXYTOCIN

Conformation of polypeptide chains. Venkatachalam CM, et al. Ann Rev Biochem 38:45-82, 1969 (209 ref.)
Solid-phase synthesis and some pharmacological properties of [8-phenylalanine]-oxytocin. Baxter JW, et al. Biochemistry (Wash) 8:3592-7, Sep 69
Antivasopressin antibody. Characterization of high-affinity rabbit antibody with limited association constant heterogeneity. Wu WH, et al.
Biochemistry (Wash) 8:2719-28, Jul 69
(4-proline, 8-isoleucine)-oxytocin and (4-leucine,

8-isoleucine)-oxytocin, possible intermediates in the evolutionary series of neurophypophysial hormones: synthesis and some pharmacological properties. Rudinger J, et al. Experientia 25:680-2, 1969
The synthesis and some of the pharmacological properties of [4-L-isoleucine]-oxytocin and [4-L-leucine]-oxytocin. Hruby VJ, et al. J Biol Chem 244:3890-4, 25 Jul 69
Breech labor and delivery in the primigravida. Woodward RW, et al. Obstet Gynec 34:260-5, Aug 69
Termination of pregnancy using utus paste. Walker AH. Proc Roy Soc Med 62:832, Aug 69
[Speeding up labor using a Sp 725-novaminsulfon and oxytocin combination] Martins AD, et al. Hospital (Rio) 75:1859-63, May 69 (Por)

ADMINISTRATION & DOSAGE

Uptake of oxytocin in tissues after intravenous administration of tritiated oxytocin in rats. Sjöholm I, et al. Acta Endocr (Kobenhavn) 61:432-40, Jul 69
Transbuccal administration of oxytocin and induction of labor. Warm R, et al. Amer J Obstet Gynec 104:1174-6, 15 Aug 69
Induction of labour by amniotomy and micro-infusion of oxytocin (Syntocinon). Townsend L, et al. Aust New Zeal J Obstet Gynaec 9:82-90, May 69
Active labor. Littlepage BN. Brit Med J 3:654, 13 Sep 69
Active labour. Theobald GW. Brit Med J 3:653-4, 13 Sep 69
Prolonged labour. Brit Med J 1:315-6, 9 Aug 69
[Intravenous administration of synthetic lysine-8-vasopressin and oxytocin. Effects on blood levels of growth hormone, follicle-stimulating hormone and insulin] Kleinknecht D, et al. Presse Med 77:856-8, 10 May 69 (Fre)
[Clinical experience with the oral administration of oxytocin tablets in obstetrics] Thümmel E, et al. Geburtsh Frauenheilk 29:653-60, Jul 69 (Ger)
[Induction and stimulation of labor by desaminooxytocin] Higier J, et al. Ginek Pol 40:755-64, Jul 69 (Pol)
[Our modification of induction and promotion of labor by oxytocin administered with blood] Higier J, et al. Wiad Lek 22:1077-84, 15 Jun 69 (Pol)
[Clinical experiences with buccal administration of oxytocin during delivery] Pont'uch A, et al. Bratisl Lek Listy 52:72-7, Jul 69 (Slo)

ADVERSE EFFECTS

Fetal erythrocytes in maternal circulation of 155 Rh-negative women. Beer AE. Obstet Gynec 34:143-50, Aug 69
Water intoxication complicating elective induction of labor at term. Report of a patient who survived. Burt RL, et al. Obstet Gynec 34:212-4, Aug 69
[Clinical experience with the oral administration of oxytocin tablets in obstetrics] Thümmel E, et al. Geburtsh Frauenheilk 29:653-60, Jul 69 (Ger)

ANALYSIS

The action of oestradiol benzoate on the activities of some polypeptidases in the hypothalamus of the pregnant rabbit after blastocyst implantation. Hooper KC, et al. Acta Endocr (Kobenhavn) 61:378-84, Jun 69
Fate of vasopressin and oxytocin in the pulmonary circulation. Biron P, et al. Canad J Physiol Pharmacol 47:713-7, Aug 69
The active neurohypophysial principles of two primitive bony fishes, the bichir (Polypterus senegalis) and the African lungfish (Protopterus aethiopicus). Sawyer WH. J Endocr 44:421-35, Jul 69
The effect of hypothalamic lesions on the melanocyte-stimulating hormone content and histology of the pars intermedia of the rat pituitary gland. Howe A, et al. J Physiol (London) 203:159-71, Jul 69
New neurohypophysial principle in foetal mammals. Vizsolyi E, et al. Nature (London) 223:1169-71, 13 Sep 69
[Advances and problem in measurement of hormones: anti-diuretic hormone (ADH)] Yoshida H. Clin Endocr (Tokyo) 17:270-3, Apr 69 (32 ref.) (Jap)
[Peptides in the brain] Nakajima T. Protein (Tokyo) 14:279-86, Mar 69 (115 ref.) (Jap)

ANTAGONISTS & INHIBITORS

The action of oestradiol benzoate on the activities of some polypeptidases in the hypothalamus of the pregnant rabbit after blastocyst implantation. Hooper KC, et al. Acta Endocr (Kobenhavn) 61:378-84, Jun 69
1-piperidino-3-(4'-octylphenyl)-propane-3-one-hydrochloride, a new peripheral and coronary vasodilator. Kárpáti E, et al. Arzneimittelforschung 19:1011-5, Jun 69

BIOSYNTHESIS

[On the effect of catecholamines on synthesis and secretion of oxytocin] Yano S. Saishin Igaku 24:1026-30, May 69 (Jap)

BLOOD

Half-life of oxytocin in blood of pregnant and non-pregnant women. Rydén G, et al. Acta Endocr (Kobenhavn) 61:425-31, Jul 69
Further studies on the oxytocin-oxytocinase system. Klimek R, et al. Amer J Obstet Gynec 105:427-30, 1 Oct 69
The analysis of inter-spike interval fluctuation of hypothalamic unit activity in response to luteinizing hormone and oxytocin. Kawakami M, et al. Jap J Physiol 19:243-59, 15 Apr 69

CHEMICAL SYNTHESIS

Chemical synthesis of peptides. Katsoyannis P, et al. Ann Rev Biochem 38:881-912, 1969 (198 ref.)
The synthesis and some of the pharmacological properties of [4-L-isoleucine]-oxytocin and [4-L-leucine]-oxytocin. Hruby VJ, et al. J Biol Chem 244:3890-4, 25 Jul 69
[Synthesis and some pharmacological activities of [2-L-valine]-oxytocin and [2-L-leucine]-oxytocin. Hruby VJ, et al. J Med Chem 12:731-3, Sep 69

DIAGNOSTIC USE

Further studies on the oxytocin-oxytocinase system. Klimek R, et al. Amer J Obstet Gynec 105:427-30, 1 Oct 69

METABOLISM

Uptake of oxytocin in tissues after intravenous administration of tritiated oxytocin in rats. Sjöholm I, et al. Acta Endocr (Kobenhavn) 61:432-40, Jul 69
Fate of vasopressin and oxytocin in the pulmonary circulation. Biron P, et al. Canad J Physiol Pharmacol 47:713-7, Aug 69

PHARMACODYNAMICS

Influence of oxytocin and growth hormone on the actions of aldosterone in the rat. Lees P, et al. Arch Int Pharmacodyn 177:457-71, Feb 69
Effect of neurohypophyseal hormones and their mechanism of action on gall-bladder water transport. Cremaschi D, et al. Arch Int Physiol 76:813-22, Dec 68
Drugs acting on the uterus. I. Brit Med J 2:619-20, 7 Jun 69
Fate of vasopressin and oxytocin in the pulmonary circulation. Biron P, et al. Canad J Physiol Pharmacol 47:713-7, Aug 69
Acute effects of various gonadotropins and other pituitary hormones on preovulatory ovarian progestin secretion in hypophysectomized rats. Uchida K, et al. Endocr Jap 16:239-49, Apr 69
Effect of biogenic amines, FSH-releasing factor (FRF) and other substances on the release of FSH by pituitaries incubated in vitro. Kamberi IA, et al. Endocrinology 85:815-24, Nov 69
Effect of magnesium on the response of the rat mammary gland strip to oxytocin analogues. Polácek I, et al. Europ J Pharmacol 7:85-8, Jul 69
Neurohypophyseal hormones in amphibia: a comparison of their actions and storage. Bentley PJ. Gen Comp Endocr 13:39-44, Aug 69
The synthesis and some of the pharmacological properties of [4-L-isoleucine]-oxytocin and [4-L-leucine]-oxytocin. Hruby VJ, et al. J Biol Chem 244:3890-4, 25 Jul 69
Hypothalamo-hypophyseal system in the minnow, Phoxinus phoxinus L. with a note on the effects of

hypophysectomy. Bhargava HN.
J Comp Neurol 137:89-105, Sep 69
[Synthesis and some pharmacological activities of [2-L-valine]-oxytocin and [2-L-leucine]-oxytocin. Hruby VJ, et al. J Med Chem 12:731-3, Sep 69
Does oxytocin influence the activity of hypothalamic neurones? Cross BA, et al.
J Physiol (London) 203:70P-71P, Jul 69
Effects of neurohypophyseal hormones on the skin permeability of Rana cancrivora, in vivo. Dicker SE, et al. J Physiol (London) 203:74P-75P, Jul 69
The analysis of inter-spike interval fluctuation of hypothalamic unit activity in response to luteinizing hormone and oxytocin. Kawakami M, et al.
Jap J Physiol 19:243-59, 15 Apr 69
Postoperative vomiting: the effects of premedication, anaesthetic and oxytocic drugs. McKie BD.
Med J Aust 1:1236-8, 14 Jun 69
[Apropos of the hormonal determinism of labor in rats; role of estradiol] Acker G.
C R Acad Sci [D] (Paris) 268:2196-9, 28 Apr 69 (Fre)
[Natriuretic and hydrosmotic responses to theophylline in Rana esculenta after adaptation to low temperature] Ripoche P, et al.
J Physiol (Paris) 60:Suppl 2:377, 1968 (Fre)
[Intravenous administration of synthetic lysine-8-vasopressin and oxytocin. Effects on blood levels of growth hormone, follicle-stimulating hormone and insulin] Kleinknecht D, et al.
Presse Med 77:856-8, 10 May 69 (Fre)
[The behavior of neuromuscular irritability during pregnancy and at the onset of labor] Jung H, et al.
Arch Gynaek 207:42-3, 1969 (Ger)
[Labor inducement through lipids. 3. The causes of labor inducement through fatty acids] Jaisle F.
Geburtsh Frauenheilk 29:640-7, Jul 69 (Ger)
[Clinical experience with the oral administration of oxytocin tablets in obstetrics] Thümmel E, et al.
Geburtsh Frauenheilk 29:653-60, Jul 69 (Ger)
[Action of pronethalol on smooth muscle of the intestine and uterus of different animal species] Klissiunis N, et al.
Naunyn Schmiedeberg Arch Pharm 263:273, 1969 (Ger)
[Action of oxytocin on human erythrocytic angiotensinase in vitro] Ripa R, et al.
Boll Soc Ital Biol Sper 44:1292-5, 31 Aug 68 (Ita)
[Induction and stimulation of labor by desaminooxytocin] Higier J, et al.
Ginek Pol 40:755-64, Jul 69 (Pol)
[Effect of oxytocic drugs on the contractility the rat uterus and bioelectrical phenomena following beta receptor blockade] Urban J, et al.
Ginek Pol 40:613-9, Jun 69 (Pol)
[Clinical evaluation of the use of oxytocin in pregnant women with previous cesarean section] Río de la Loza F, et al. Ginec Obstet Mex 26:87-92, Jul 69 (Spa)

PHYSIOLOGY

A study of the parameters of electrical stimulation of unmyelinated fibres in the pituitary stalk. Harris GW, et al. J Physiol (London) 203:67-81, Jul 69
[Functional interactions between uterine tube and fertilized egg] Stegner HE.
Arch Gynaek 207:136-54, 1969 (64 ref.) (Ger)

SECRETION

Connections of cerebral structures functioning in neurohypophysial hormone release. Woods WH, et al.
Brain Res 12:26-46, Jan 69
A study of the parameters of electrical stimulation of unmyelinated fibres in the pituitary stalk. Harris GW, et al. J Physiol (London) 203:67-81, Jul 69
Blood pressure and respiratory patterns during human coitus. Fox CA, et al. J Reprod Fertil 19:405-15, Aug 69
[On the effect of catecholamines on synthesis and secretion of oxytocin] Yano S.
Saishin Igaku 24:1026-30, May 69 (Jap)

THERAPEUTIC USE

A comparative study of acceleration of labour by sparteine sulphate and oxytocin. Kishore N, et al.
J Indian Med Ass 52:449-53, 16 May 69
Termination of pregnancy using 'utus' paste. Walker AH. Practitioner 203:324-8, Sep 69
[Clinical experiences with buccal administration of oxytocin during delivery] Pont'uch A, et al.
Bratisl Lek Listy 52:72-7, Jul 69 (Slo)

URINE

Half-life of oxytocin in blood of pregnant and non-pregnant women. Rydén G, et al.
Acta Endocr (Kobenhavn) 61:425-31, Jul 69

PITUITARY HORMONES, ANTERIOR

[Nipiopharmacology of the anterior hypophysis hormones] Falorni A.
Minerva Nipiol 17:295-324, Nov-Dec 67 (403 ref.) (Ita)

ANALYSIS

Management of craniopharyngioma in childhood. Matson DD, et al. J Neurosurg 30:377-90, Apr 69
[Peptides in the brain] Nakajima T.
Protein (Tokyo) 14:279-86, Mar 69 (115 ref.) (Jap)

ANTAGONISTS & INHIBITORS

[Treatment possibilities of insulin resistance] Bornemisza P. Z Ges Inn Med 24:234-7, 15 Apr 69 (Ger)

BIOSYNTHESIS

[Inborn errors of hormone synthesis] Imura H, et al.
Saishin Igaku 24:1176-86, Jun 69 (65 ref.) (Jap)

ISOLATION & PURIFICATION

Isolation techniques for pharmacologically active substances (animal). Temple DM.
Ann Rev Pharmacol 9:407-18, 1969 (165 ref.)
[Demonstration of lipotropic hormone (beta-lipotropin) in human hypophysis (preliminary report)] Cseh G, et al.
Orv Hetil 110:1546-7, 6 Jul 69 (Hun)

PHARMACODYNAMICS

Effect of a single neonatal dose of ACTH, TSH, STH, thyroxine and aldosterone on serum heparin and tissue mucopolysaccharides. Valient K, et al.
Acta Morph Acad Sci Hung 17:35-9, 1969
Role of cellular and humoral factors in the destruction of nascent plasma cell tumors. Yamada H, et al.
Cancer Res 29:1420-7, Jul 69
Acute effects of various gonadotropins and other pituitary hormones on preovulatory ovarian progestin secretion in hypophysectomized rats. Uchida K, et al.
Endocr Jap 16:239-49, Apr 69
Effects of porcine beta-lipotropic hormone on lipid metabolism. Tamási G, et al.
Experientia 25:360-1, 15 Apr 69

PHYSIOLOGY

Pituitary regulation by the hypothalamus: functions of the median eminence gland. Reichlin S.
Conn Med 33:369-78, Jun 69
Hormonal control of serum albumin synthesis. Szafarz D, et al. Proc Soc Exp Biol Med 131:1250-2, Sep 69

SECRETION

[Electron microscopic findings of the general structure and secretory mechanism of the anterior pituitary cells] Kurosumi K.
Clin Endocr (Tokyo) 17:471-81, Jun 69 (22 ref.) (Jap)

PITUITARY HORMONES, POSTERIOR

[Nipiopharmacology of thyroid hormones, thyreotrope hormone, hormones of the neuro-hypophisis and serotonin] Cao A.
Minerva Nipiol 17:238-94, Nov-Dec 67 (999 ref.) (Ita)
[Results of the national assay of posterior pituitary preparations during recent ten years] Nagasawa K, et al. Bull Nat Inst Hyg Sci (Tokyo) 86:167-9, 1968 (Jap)

ANALYSIS

Solid-phase syntheis and some pharmacological

properties of [8-phenylalanine]-oxytocin. Baxter JW, et al. Biochemistry (Wash) 8:3592-7, Sep 69
Management of craniopharyngioma in childhood. Matson DD, et al. J Neurosurg 30:377-90, Apr 69
[Peptides in the brain] Nakajima T.
Protein (Tokyo) 14:279-86, Mar 69 (115 ref.) (Jap)

DIAGNOSTIC USE

[Pathogenetic mechanism of diabetes insipidus and the problems of its therapy] Vein AM, et al.
Probl Endokr (Moskva) 15:42-8, May-Jun 69 (Rus)

ISOLATION & PURIFICATION

Isolation techniques for pharmacologically active substances (animal). Temple DM.
Ann Rev Pharmacol 9:407-18, 1969 (165 ref.)

PHARMACODYNAMICS

Solid-phase syntheis and some pharmacological properties of [8-phenylalanine]-oxytocin. Baxter JW, et al. Biochemistry (Wash) 8:3592-7, Sep 69
Acute effects of various gonadotropins and other pituitary hormones on preovulatory ovarian progestin secretion in hypophysectomized rats. Uchida K, et al.
Endocr Jap 16:239-49, Apr 69
Neurohypophyseal hormones in amphibia: a comparison of their actions and storage. Bentley PJ.
Gen Comp Endocr 13:39-44, Aug 69
Effects of neurohypophyseal hormones on the skin permeability of Rana cancrivora, in vivo. Dicker SE, et al. J Physiol (London) 203:74P-75P, Jul 69
[Changes in the cardiovascular system of rabbits in diabetes and following the administration of various hormones] Lanin LE.
Biull Eksp Biol Med 67:28-31, Feb 69 (Rus)
[Effect of physical overloading on the functional state of the heart in coronary pathology] Gasilin VS, et al.
Kardiologiia 9:67-73, Apr 69 (Rus)
[Action of several pharmacological substances on the collateral circulation of the myocardium during the shunting of its blood supply] Oreshuk FA, et al.
Kardiologiia 9:73-8, Jun 69 (Rus)
[A study of pituitary effect on the regulation of intraocular pressure] Kopp OP.
Oftal Zh 24:147-51, 1969 (Rus)
[Change in the bioelectric activity of the cow uterus under the effect of hormonal preparations] Tikhonov NM. Veterinariia 44:97-9, May 67 (Rus)

PHYSIOLOGY

Ultrastructure of amphibian melanophores after light-dark adaptation and hormonal treatment. Wise GE. J Ultrastruct Res 27:472-85, Jun 69
[The hypophysis and gravido-puerperalism] Delecour M, et al.
Rev Franc Gynec Obstet 62:233-41, Apr-May 67 (Fre)

SECRETION

[Microstructure of the median eminence, with special reference to its relation to ACTH] Sano Y, et al.
Jap J Clin Med 27:1326-32, May 69 (42 ref.) (Jap)

THERAPEUTIC USE

[Are brain metastases curable?] Riemens V.
J Med Bordeaux 144:875-80, Jun 67 (Fre)
[Diagnosis and therapeutic results in selected cases of hormonal disorders of the hypothalamus] Klimek R, et al. Folia Med Cracov 11:3-12, 1969 (Pol)
[Adiurecrine resistance in diabetes insipidus] Geller LI. Probl Endokr (Moskva) 13:55-6, May-Jun 67 (Rus)

PROLACTIN

Effects of hypothalamic and amygdaloid lesions on development and growth of carcinogen-induced mammary tumors in the female rat. Welsch CW, et al.
Cancer Res 29:1541-9, Aug 69
[Inhibition reaction of passive immunohemolysis and its equation, studied with prolactin antiprolactin antibodies. Application to antigen titration] Dubois MF.
C R Acad Sci [D] (Paris) 268:2154-7, 21 Apr 69 (Fre)
[Sensitization of erythocytes to a protein antigen (ovine prolactin) by chromium chloride, CrCl3: constants relative to the coupling reaction studied by passive immunohemolysis] Dubois MP.
C R Acad Sci [D] (Paris) 268:2006-9, 14 Apr 69 (Fre)
[Influence of fasting on golden hamster anterior pituitary cells. Electron microscope study] Dubois P, et al. C R Soc Biol (Paris) 162:2116-8, 1968 (Fre)
[Role of the hypothalamo-hypophyseal region in milk secretion] Delecour M, et al.
Rev Franc Gynec Obstet 62:227-32, Apr-May 67 (Fre)

ADMINISTRATION & DOSAGE

Bioassay of prolactin. Analysis of the pigeon crop-sac response to systemic prolactin injection by an improved method of response quantification. Nicoll CS. Acta Endocr (Kobenhavn) 60:91-100, Jan 69
Effects of hypophysectomy, prolactin, and growth hormone on growth of postmetamorphic frogs. Brown PS, et al. Gen Comp Endocr 13:139-45, Aug 69
Effects of prolactin and growth hormone on growth and metamorphosis of tadpoles of the frog, Rana pipiens. Brown PS, et al. Gen Comp Endocr 13:126-38, Aug 69
[Ribonucleic acids and polyribosomes of rabbit mammary gland during lactogenesis induced by prolactin] Gaye P, et al.
Biochim Biophys Acta 186:99-109, 22 Jul 69 (Fre)

ANALYSIS

Prolactin of normal and dwarf mice. Cheever EV, et al.
Endocrinology 85:698-703, Oct 69
Purification and properties of rat prolactin. Ellis S, et al. Endocrinology 85:886-94, Nov 69
Colorimetric quantification of the growth hormone and prolactin components of disc electrophoretic patterns. Lewis UJ, et al.
Endocrinology 85:690-7, Oct 69
[Inhibition reaction of passive immunohemolysis and its equation, studied with prolactin antiprolactin antibodies. Application to antigen titration] Dubois MP.
C R Acad Sci [D] (Paris) 268:2154-7, 21 Apr 69 (Fre)
[Advances and problems of prolactin measurement] Fujii K.
Clin Endocr (Tokyo) 17:239-43, Apr 69 (17 ref.) (Jap)

ANTAGONISTS & INHIBITORS

[Research on the role of infundibular monoamines during lactation in mice] Barry J.
C R Soc Biol (Paris) 162:1954-5, May 69 (Fre)
[Action of injection of m-tyrosine on infundibulo-tuberal monoamines of female guinea pigs and male guinea pigs treated with testosterone] Léonardelli J.
C R Soc Biol (Paris) 162:1956-9, May 69 (Fre)

BIOSYNTHESIS

Influence of norepinephrine and catecholamine-depleting agents on the synthesis and release of prolactin and growth hormone. MacLeod RM. Endocrinology 85:916-23, Nov 69
[Synthesis and release of LH, prolactin and TSH in rabbits and birds] Kanematsu S, et al.
Saishin Igaku 24:1002-6, May 69 (Jap)

BLOOD

Diagnosis and treatment of mastopathy. Márton Z, et al.
Acta Chir Acad Sci Hung 10:93-103, 1969
Prolactin release in response to milking stimulus in the cow and goat estimated by radioimmunoassay. Joke T.
Endocr Jap 16:179-85, Feb 69
[Endocrinologic research] Bettendorf G.
Arch Gynaek 207:383-9, 1969 (Ger)

ISOLATION & PURIFICATION

Prolactin of normal and dwarf mice. Cheever EV, et al.
Endocrinology 85:698-703, Oct 69
Purification and properties of rat prolactin. Ellis S, et al. Endocrinology 85:886-94, Nov 69
Polyacrylamide gel electrophoresis of rhesus monkey (Macaca mulatta) pituitary gland extracts. Nicholson PM. J Endocr 44:459-60, Jul 69

METABOLISM

Influence of norepinephrine and

catecholamine-depleting agents on the synthesis and release of prolactin and growth hormone. MacLeod RM. **Endocrinology** 85:916-23, Nov 69

[Synthesis and release of LH, prolactin and TSH in rabbits and birds] Kanematsu S, et al. **Saishin Igaku** 24:1002-6, May 69 **(Jap)**

PHARMACODYNAMICS

Diagnosis and treatment of mastopathy. Márton Z, et al. **Acta Chir Acad Sci Hung** 10:93-103, 1969

Bioassay of prolactin. Analysis of the pigeon crop-sac response to systemic prolactin injection by an improved method of response quantification. Nicoll CS. **Acta Endocr (Kobenhavn)** 60:91-100, Jan 69

Structural luteolysis of induced corpora lutea in "androgen-sterilized" rats. Malven PV, et al. **Anat Rec** 165:55-60, Sep 69

Increase in activity of glucose 6-phosphate dehydrogenase in mouse mammary tissue cultured in insulin. Leader DP, et al. **Biochem J** 113:175-82, Jun 69

Hormonal induction and regulation of lactose synthetase in mouse mammary gland. Palmiter RD. **Biochem J** 113:409-17, Jun 69

Identification of somatotropin as the hormone in a mixture of somatotropin, adrenocorticotropic hormone and prolactin which decreased liver drug metabolism in the rat. Wilson JT. **Biochem Pharmacol** 18:2029-31, Aug 69

Induction of 20alpha-hydroxysteroid dehydrogenase in rat corpora lutea by pharmacological blockade of pituitary prolactin secretion. Lamprecht SA, et al. **Biochim Biophys Acta** 187:133-43, 29 Jul 69

Pituitary regulation of preovulatory estrogen secretion in the rat. Hori T, et al. **Endocr Jap** 16:351-60, Jun 69

Acute effects of various gonadotropins and other pituitary hormones on preovulatory ovarian progestin secretion in hypophysectomized rats. Uchida K, et al. **Endocr Jap** 16:239-49, Apr 69

Effect of prolactin and 5-bromo-2-thienyl-ethyl ketone thiosemicarbazone on ovarian progestin levels in the rat. Mason NR, et al. **Endocrinology** 85:831-6, Nov 69

Early macromolecular synthesis in cultured mammary tissue from midpregnant mice. Palmiter RD. **Endocrinology** 85:747-51, Oct 69

Effects of hypophysectomy, prolactin, and growth hormone on growth of postmetamorphic frogs. Brown PS, et al. **Gen Comp Endocr** 13:139-45, Aug 69

Effects of prolactin and growth hormone on growth and metamorphosis of tadpoles of the frog, Rana pipiens. Brown PS, et al. **Gen Comp Endocr** 13:126-38, Aug 69

Hormonal control of incubation patch development in the California quail Lophortyx californicus. Jones RE. **Gen Comp Endocr** 13:1-13, Aug 69

A preliminary note on the study of lactogenic properties of leptaden (alarsin pharmaceuticals, Bombay). Narasimhamurthy G. **Indian Vet J** 46:510-6, Jun 69

Synthesis of casein-like material by rat mammary gland anlagen under hormonal stimulation in vitro. Ceriani RL. **J Endocr** 44:457-8, Jul 69

Variations in the yield and composition of the milk during lactation in the rabbit and the galactopoietic effect of prolactin. Cowie AT. **J Endocr** 44:437-50, Jul 69

Reversal by gonadotrophins of the luteolytic effect of oestrogen in the cyclic guinea-pig. Choudary JB, et al. **J Reprod Fertil** 19:503-10, Aug 69

Hormonal effects on amino-acid incorporation into lysine-rich histones. Hohmann P, et al. **Nature (London)** 223:1064-6, 6 Sep 69

A novel action of insulin on phosphoprotein formation by mammary gland explants. Voytovich AE, et al. **Proc Nat Acad Sci USA** 63:213-7, May 69

Hormonal stimulation of lactose synthetase in mammary carcinoma. McGuire WL. **Science** 165:1013-4, 5 Sep 69

[Ribonucleic acids and polyribosomes of rabbit mammary gland during lactogenesis induced by prolactin] Gaye P, et al. **Biochim Biophys Acta** 186:99-109, 22 Jul 69 **(Fre)**

[On the effect of growth hormone on the red blood cell picture of hypophysectomized pigeons] Höcker W. **Blut** 19:332-6, Sep 69 **(Ger)**

[The action of prolactin and the somatotropic hormone on normal and hypophysectomized Bufo bufo larvae] Olivero M, et al. **Ric Sci** 37:997-1004, Nov 67 **(Ita)**

[Electron microscopic study of the mechanism of secretion of milk] Kimura T. **J Jap Obstet Gynec Soc** 21:301-8, Mar 69 **(Jap)**

[Concerning the effect of prolactin, thyroxine and insulin on lactation] Golovan' VT. **Fiziol Zh SSSR Sechenov** 54:638-46, May 68 **(Rus)**

PHYSIOLOGY

The role of epithelial growth factor in mammary gland development in vitro. Turkington RW. **Exp Cell Res** 57:79-85, Sep 69

The endocrine control of the breasts. Harley JM. **Practitioner** 203:153-7, Aug 69

[Recent data concerning the control of insulin secretion] Tchobroutsky G. **Rev Franc Endocr Clin** 10:237-42, May-Jun 69 **(Fre)**

[Activity of the pars intermedia of the autotransplanted pituitary gland in the European eel] Olivereau M. **Z Zellforsch** 98:74-87, 1969 **(Fre)**

SECRETION

Induction of 20alpha-hydroxysteroid dehydrogenase in rat corpora lutea by pharmacological blockade of pituitary prolactin secretion. Lamprecht SA, et al. **Biochim Biophys Acta** 187:133-43, 29 Jul 69

Prolactin release in response to milking stimulus in the cow and goat estimated by radioimmunoassay. Joke T. **Endocr Jap** 16:179-85, Feb 69

Influence of norepinephrine and catecholamine-depleting agents on the synthesis and release of prolactin and growth hormone. MacLeod RM. **Endocrinology** 85:916-23, Nov 69

[Action of injection of m-tyrosine on infundibulo-tuberal monoamines of female guinea pigs and male guinea pigs treated with testosterone] Léonardelli J. **C R Soc Biol (Paris)** 162:1956-9, May 69 **(Fre)**

[Effects of castration on anterior pituitary cytology in male guinea pigs] Tramu G. **C R Soc Biol (Paris)** 162:1941-3, May 69 **(Fre)**

[Activity of the pars intermedia of the autotransplanted pituitary gland in the European eel] Olivereau M. **Z Zellforsch** 98:74-87, 1969 **(Fre)**

[Measurement of releasing factors] Ito S, et al. **Clin Endocr (Tokyo)** 17:274-84, Apr 69 (134 ref.) **(Jap)**

[Electron microscopic findings of the general structure and secretory mechanism of the anterior pituitary cells] Kurosumi K. **Clin Endocr (Tokyo)** 17:471-81, Jun 69 (22 ref.) **(Jap)**

[Relationship between ultrastructure and function of the anterior pituitary gland in birds] Mikami S. **Clin Endocr (Tokyo)** 17:502-11, Jun 69 (28 ref.) **(Jap)**

[Functional classification and postnatal development of the anterior pituitary cells in mice] Yamashita K. **Clin Endocr (Tokyo)** 17:482-91, Jun 69 (42 ref.) **(Jap)**

[Synthesis and release of LH, prolactin and TSH in rabbits and birds] Kanematsu S, et al. **Saishin Igaku** 24:1002-6, May 69 **(Jap)**

[Dynamics of the hypothalamus releasing factors during the process of maturation] Kobayashi T, et al. **Saishin Igaku** 24:1007-12, May 69 **(Jap)**

STANDARDS

Colorimetric quantification of the growth hormone and prolactin components of disc electrophoretic patterns. Lewis UJ, et al. **Endocrinology** 85:690-7, Oct 69

THERAPEUTIC USE

[Stimulation and suppression of lactation] Hashiguchi K. **Sanfujin Jissai** 18:395-400, May 69 **(Jap)**

SOMATOTROPIN

Differential patterns of glycogen metabolism in cardiac and skeletal muscles. Adrouny GA. **Amer J Physiol** 217:686-93, Sep 69

Prolactin release in response to milking stimulus in the cow and goat estimated by radioimmunoassay. Joke T. **Endocr Jap** 16:179-85, Feb 69

The control of growth. Wright EA. **Proc Roy Soc Med** 62:593-5, Jun 69

Action of "chorionic growth hormone-prolactin" on growth and carcass composition of hypophysectomized rat. Beas F, et al. **Proc Soc Exp Biol Med** 131:1171-5, Sep 69

[The diagnosis of growth hormone deficiency in childhood] Croughs W. **Nederl T Geneesk** 113:1390-5, 9 Aug 69 **(Dut)**

[Influence of fasting on golden hamster anterior pituitary cells. Electron microscope study] Dubois P, et al. C R Soc Biol (Paris) 162:2116-8, 1968 (Fre)
[A simplified demonstration of the production of growth hormone] Simon KH.
Med Mschr 23:85-6, Feb 69 (Ger)
[Obtaining a highly purified horse antiserum to human growth hormone] Lazarev AF.
Biull Eksp Biol Med 67:120-3, Mar 69 (Rus)

ADMINISTRATION & DOSAGE

Effects of hypophysectomy, prolactin, and growth hormone on growth of postmetamorphic frogs. Brown PS, et al. Gen Comp Endocr 13:139-45, Aug 69
Effects of prolactin and growth hormone on growth and metamorphosis of tadpoles of the frog, Rana pipiens. Brown PS, et al. Gen Comp Endocr 13:126-38, Aug 69
Modification of insulin response and alloxan diabetes by hypothalamic lesions in rats. Kokka N, et al. Neuroendocrinology 4:333-46, 1969

ANALYSIS

Immunochemical studies on the heterogeneity of human growth hormone (HGH). Electrophoretical pattern and behaviour in gel filtration of HGH in various pituitary extracts. Rohde W, et al.
Acta Endocr (Kobenhavn) 60:101-11, Jan 69
Oral glucose tolerance tests and growth hormone assays in children with asthma. Snyder RD, et al.
Ann Allerg 27:425-8, Sep 69
Tyrosine fluorescence in proteins. Edelhoch H, et al.
Ann NY Acad Sci 158:391-409, 16 May 69
Human pituitary growth hormone. XIX. The primary structure of the hormone. Li CH, et al.
Arch Biochem 133:70-91, Aug 69
Effects of hypothalmic implants of GH on anterior pituitary weight and GH concentration. Katz SH, et al.
Endocrinology 85:725-34, Oct 69
Colorimetric quantification of the growth hormone and prolactin components of disc electrophoretic patterns. Lewis UJ, et al.
Endocrinology 85:690-7, Oct 69
Circadian fluctuations in tibia cartilage. Assayable pituitary homogenates of fed and starved weanling female rats. Bahorsky MS, et al.
Experientia 25:755-6, 1969
[Advances and problems of hormone measurement: growth hormone (GH)] Imura H, et al.
Clin Endocr (Tokyo) 17:261-9, Apr 69 (53 ref.) (Jap)
[Biological standardization of somatotropin according to the tibial test on hypophysectomized nonlinear rats] Bogacheva ID, et al.
Probl Endokr (Moskva) 13:102-6, May-Jun 67 (Rus)
[Immunohistochemical differentiation of acidophilic cells of the adenohypophysis] Tarakanov EI, et al.
Probl Endokr (Moskva) 13:100-1, May-Jun 67 (Rus)

ANTAGONISTS & INHIBITORS

Partial somatotrophin insufficiency in Cushing's syndrome. Strauch G, et al.
Acta Endocr (Kobenhavn) 60:121-9, Jan 69
Serotonin and the plasma amino acid reduction caused by a single injection of growth hormone. Sirek OV, et al. Canad J Physiol Pharmacol 47:611-7, Jul 69
Estrogenic antagonism of metabolic effects of administered growth hormone. Schwartz E, et al.
J Clin Endocr 29:1176-81, Sep 69

BIOSYNTHESIS

Influence of norepinephrine and catecholamine-depleting agents on the synthesis and release of prolactin and growth hormone. MacLeod RM. Endocrinology 85:916-23, Nov 69
[Biosynthesis of ACTH and somatotropin in rat hypophyses following prednisolone block, immobilization and starvation] Bezdrobnyi IuV.
Probl Endokr (Moskva) 15:74-7, Mar-Apr 69 (Rus)

BLOOD

Chromophobe pituitary adenoma with acromegaly and TSH-induced hyperthyroidism associated with parathyroid adenoma. Acromegaly and parathyroid adenoma. Lamberg BA, et al.
Acta Endocr (Kobenhavn) 60:157-72, Jan 69
Partial somatotrophin insufficiency in Cushing's syndrome. Strauch G, et al.
Acta Endocr (Kobenhavn) 60:121-9, Jan 69
A comparative study of the sulfation factor and immunodetectable growth hormone in serum. Yde H.
Acta Endocr (Kobenhavn) 62:49-55, Sep 69
Human growth hormone levels during the menstrual cycle. Speliacy WN, et al.
Amer J Obstet Gynec 104:1138-42, 15 Aug 69
Acromegaly: treatment by cryoablation. Maddy JA, et al. Ann Intern Med 71:497-505, Sep 69
Intravenous glucose tolerance test in depression. Mueller PS, et al.
Arch Gen Psychiat (Chicago) 21:470-7, Oct 69
The hormonal response to physical exercise. Sutton JR, et al. Aust Ann Med 18:84-90, May 69 (48 ref.)
Plasma 11-hydroxycorticosteroid and growth hormone levels in acute medical illnesses. Jacobs HS, et al.
Brit Med J 2:595-8, 7 Jun 69
Plasma human growth hormone levels 4 hours after breakfast in adolescent twins and adults. Irie M, et al.
Endocr Jap 16:283-5, Apr 69
Effect of feeding on hormonal responses to 2-deoxy-D-glucose in conscious monkeys. Smith GP, et al. Endocrinology 85:963-6, Nov 69
Determination of human and bovine growth hormones in the physiological range by the immunoelectroadsorption method. Rothen A, et al.
Experientia 25:420-1, 15 Apr 69
Influence of pituitary stalk section on growth hormone, insulin and TSH secretion in women with metastatc breast cancer. Antony GJ, et al.
J Clin Endocr 29:1238-50, Sep 69
Arginine induced growth hormone release after clomiphene treatment. Fiedler AJ, et al.
J Clin Endocr 29:1110-3, Aug 69
Frequency of diabetes mellitus in patients with Klinefelter's syndrome of different chromosome constitutions and the XYY syndrome. Plasma insulin and growth hormone level after a glucose load. Nielsen J, et al. J Clin Endocr 29:1062-73, Aug 69
Serum insulin and growth hormone responses to arginine infusion before and during treatment with contraceptive steroids. Vela P, et al.
J Clin Endocr 29:1212-6, Sep 69
A fast procedure for radioimmunoassay of H.G.H. Pennisi F. J Nucl Biol Med 12:137-8, Jul-Sep 68
Comparison of arginine infusion and diethylstilbestrol as a means of provoking growth hormone secretion. Bacon GE, et al. J Pediat 75:385-90, Sep 69
Serum-insulin in acromegaly. Elkeles RS, et al.
Lancet 2:615-8, 20 Sep 69
Non-neutrality of bed rest. McCally M, et al.
New Eng J Med 281:743, 25 Sep 69
Amenorrhea following oral contraceptives. Halbert DR, et al. Obstet Gynec 34:161-7, Aug 69
Hyperglycemia and arginine-initiated growth-hormone release during pregnancy. Tyson JE, et al.
Obstet Gynec 34:319-21, Sep 69
The metabolic and endocrine response to acute medical stress. Nabarro JD. Proc Roy Soc Med 62:351-5, Apr 69
[The diagnosis of growth hormone deficiency in childhood] Croughs W.
Nederl T Geneesk 113:1390-5, 9 Aug 69 (Dut)
[Effect of 8-lysinevasopressin in man on the plasma concentration of corticotropic and somatotropic hormones] Binoux M, et al.
J Physiol (Paris) 60:Suppl 2:403, 1968 (Fre)
[Intravenous administration of synthetic lysine-8-vasopressin and oxytocin. Effects on blood levels of growth hormone, follicle-stimulating hormone and insulin] Kleinknecht D, et al.
Presse Med 77:856-8, 10 May 69 (Fre)
[Studies on the demonstration of pituitary dwarfism] Rath F, et al. Helv Paediat Acta 24:311-22, Jun 69 (Ger)
[The effect of heat on the level of human growth hormone in the serum] Geisen K, et al.
Z Kinderheilk 106:308-13, 1969 (Ger)
[Quantitative determination of growth hormones in the human fetus using radioimmunoassay] Aida T.
J Jap Obstet Gynec Soc 21:364-70, Apr 69 (Jap)
[Cryptothyroidism] Abe H, et al.
Naika 23:727-32, Apr 69 (Jap)
[Case of insulinoma with multiple stomach ulcer in an aged woman] Tsuchiya M, et al.
Saishin Igaku 24:893-903, Apr 69 (Jap)
[Determination of growth hormone in blood serum by a radioimmunologic method] Balabolkin MI.
Lab Delo 6:333-7, 1969 (Rus)
[Evaluation of some radioimmunologic methods of determination of growth hormone in blood serum

(literature review)] Balabolkin MI.
Lab Delo 6:329-33, 1969 (23 ref.) (Rus)
[The effect of adiposin on the content of lipids and growth hormone in the blood serum of patients with obesity] Balabolkin MI.
Probl Endokr (Moskva) 14:43-6, Nov-Dec 68 (Rus)

ISOLATION & PURIFICATION

Immunochemical studies on the heterogeneity of human growth hormone (HGH). Electrophoretical pattern and behaviour in gel filtration of HGH in various pituitary extracts. Rohde W, et al.
Acta Endocr (Kobenhavn) 60:101-11, Jan 69
Polyacrylamide gel electrophoresis of rhesus monkey (Macaca mulatta) pituitary gland extracts. Nicholson PM. J Endocr 44:459-60, Jul 69

METABOLISM

The passage of radioiodinated protein hormones across isolated mesentery. Brachet E, et al.
Arch Int Physiol 77:362-5, May 69
Influence of norepinephrine and catecholamine-depleting agents on the synthesis and release of prolactin and growth hormone. MacLeod RM. Endocrinology 85:916-23, Nov 69
The involvement of cyclic 3',5'-adenosine monophosphate in the growth hormone release mechanism (s). Müller EE, et al.
Experientia 25:750-1, 1969
[Nipiopharmacology of the anterior hypophysis hormones] Falorni A.
Minerva Nipiol 17:295-324, Nov-Dec 67 (403 ref.) (Ita)
[Content of free amino acids and proteolytic activity of the skeletal muscle. Changes due to various hormonal factors] Llamas R, et al.
Gac Med Mex 99:596-608, Jun 69 (Spa)

PHARMACODYNAMICS

Influence of oxytocin and growth hormone on the actions of aldosterone in the rat. Lees P, et al.
Arch Int Pharmacodyn 177:457-71, Feb 69
Stimulation of incorporation of precursors into protein and ribonucleic acid of rat liver slices by bovine growth hormone in vitro. Clemens MJ, et al.
Biochem J 113:10P, Jun 69
Identification of somatotropin as the hormone in a mixture of somatotropin, adrenocorticotropic hormone and prolactin which decreased liver drug metabolism in the rat. Wilson JT.
Biochem Pharmacol 18:2029-31, Aug 69
The effect of hypophysectomy on rat liver glucokinase activity and on plasma glucose, insulin and nonesterified fatty acid concentrations. Dawson CM, et al. Biochim Biophys Acta 184:287-98, 30 Jul 69
Hormonal regulation of brain development. 3. Effects of triiodothyronine and growth hormone on the biochemical changes in the cerebral cortex and cerebellum of neonatally thyroidectomized rats. Krawiec L, et al. Brain Res 15:209-18, Sep 69
Potentiation of insulin action in normal subjects by a pituitary polypeptide. Bornstein J, et al.
Brit Med J 3:451-2, 23 Aug 69
Serotonin and the plasma amino acid reduction caused by a single injection of growth hormone. Sirek OV, et al. Canad J Physiol Pharmacol 47:611-7, Jul 69
Early insulin synergistic activity of growth hormone. Mahler RJ, et al. Diabetes 18:550-5, Aug 69
Acute effects of various gonadotropins and other pituitary hormones on preovulatory ovarian progestin secretion in hypophysectomized rats. Uchida K, et al.
Endocr Jap 16:239-49, Apr 69
Effects of hypothalmic implants of GH on anterior pituitary weight and GH concentration. Katz SH, et al.
Endocrinology 85:725-34, Oct 69
Bioassay of parathyroid hormone in vitro with a stable preparation of adenyl cyclase from rat kidney. Marcus R, et al. Endocrinology 85:801-10, Nov 69
Effects of hypophysectomy, prolactin, and growth hormone on growth of postmetamorphic frogs. Brown PS, et al. Gen Comp Endocr 13:139-45, Aug 69
Effects of prolactin and growth hormone on growth and metamorphosis of tadpoles of the frog, Rana pipiens. Brown PS, et al. Gen Comp Endocr 13:126-38, Aug 69
The calcium-dependent stimulation of mitotic activity in normal and irradiated rat thymocyte populations by somatotrophic hormone. Whitfield JF, et al.
Int J Radiat Biol 15:385-8, 1969
The effect of thyroid function on hemoglobin differentiation in the chick. Atherton RW.
J Embryol Exp Morph 22:99-105, Aug 69
The dependence of growth hormone upon an intact pancreas for adipokinesis. Farmer RW, et al.
Life Sci 8:895-904, 1 Aug 69
[Effect of human growth hormone on fatty acids in lipid fractions of the serum in persons with thyroid diseases] Felt V, et al.
Cas Lek Cesk 108:923-8, 18 Jul 69 (Cze)
[Action of somatotropic hormone on mammary embryogenesis in mice] Jean C, et al.
J Physiol (Paris) 60:Suppl 2:471, 1968 (Fre)
[Determinism of mandibular growth: effects of hyperpropulsion and of the somatotropic hormone on the growth of the condyle in young rats] Charlier JP, et al. Orthodont Franc 39:567-79, 1968 (Fre)
[Biochemical findings in osteogenesis imperfecta] Mühlbach R.
Beitr Orthop Trauma 15:635-6, Oct 68 (Ger)
[Nipiopharmacology of the anterior hypophysis hormones] Falorni A.
Minerva Nipiol 17:295-324, Nov-Dec 67 (403 ref.) (Ita)
[The action of prolactin and the somatotropic hormone on normal and hypophysectomized Bufo bufo larvae] Olivero M, et al. Ric Sci 37:997-1004, Nov 67 (Ita)
[Effect of malnutrition in the development of the human organism] Monckeberg F.
Medicina (B Air) 27:401-18, Nov-Dec 67 (Spa)

PHYSIOLOGY

The pentose phosphate pathway of glucose metabolism. Influence of a growth-hormone-secreting pituitary tumour on the oxidative and non-oxidative reactions of the cycle in liver. Gumaa KA, et al.
Biochem J 113:215-20, Jun 69
Annual meeting of the Endocrine Society in conjunction with International Congress of Endocrinology. Fisher GR.
Delaware Med J 41:124-6, Apr 69
Effects of hypothalmic implants of GH on anterior pituitary weight and GH concentration. Katz SH, et al.
Endocrinology 85:725-34, Oct 69
Effects of hormones on development and function of lymphoid tissues. Synergistic action of thyroxin and somatotropic hormone in pituitary dwarf mice. Baroni CD, et al. Immunology 17:303-14, Aug 69
Studies on the healing of long-bone fractures in hereditary pituitary insufficient mice. Hsu JD, et al.
J Surg Res 9:535-6, Sep 69
Glucose homeostasis in the neonatal period] Leeuw R de.
Maandschr Kindergeneesk 37:43-61, Aug 69 (43 ref.) (Dut)
[Recent data concerning the control of insulin secretion] Tchobroutsky G.
Rev Franc Endocr Clin 10:237-42, May-Jun 69 (Fre)
[Endocrine factors in dental development] Job JC, et al. Rev Franc Odontostomat 16:625-34, May 69 (Fre)
[Role of hormones in magnesium metabolism] Biahos J.
Sem Hop Paris 45:1895-900, 8 Jun 69 (71 ref.) (Fre)
[Endocrine interrelations in diabetes mellitus in children] Barta L.
Arch Kinderheilk 179:7-16, May 69 (Ger)
[The matrix-genetic theory of immunogenesis and the neuro-humoral regulation of antibody formation] Zdorodovskiĭ PF.
Zh Mikrobiol 44:3-14, Jul 67 (74 ref.) (Rus)

SECRETION

Partial somatotrophin insufficiency in Cushing's syndrome. Strauch G, et al.
Acta Endocr (Kobenhavn) 60:121-9, Jan 69
The hormonal response to physical exercise. Sutton JR, et al. Aust Ann Med 18:84-90, May 69 (48 ref.)
Insulin storage and release in rats bearing growth hormone secreting tumors. Peake GT, et al.
Diabetes 18:619-24, Sep 69
Effects of hypothalmic implants of GH on anterior pituitary weight and GH concentration. Katz SH, et al.
Endocrinology 85:725-34, Oct 69
Influence of norepinephrine and catecholamine-depleting agents on the synthesis and release of prolactin and growth hormone. MacLeod RM. Endocrinology 85:916-23, Nov 69
Peptide-secreting tumours with special reference to the pancreas. Sircus W. Gut 10:506-15, Jul 69 (66 ref.)
Electron microscopic studies of anterior pituitary

glands of vitamin E-deficient male mice. Ichihara I. J Anat 104:455-65, May 69

Influence of pituitary stalk section on growth hormone, insulin and TSH secretion in women with metastatc breast cancer. Antony GJ, et al. J Clin Endocr 29:1238-50, Sep 69

Arginine induced growth hormone release after clomiphene treatment. Fiedler AJ, et al. J Clin Endocr 29:1110-3, Aug 69

Serum insulin and growth hormone responses to arginine infusion before and during treatment with contraceptive steroids. Vela P, et al. J Clin Endocr 29:1212-6, Sep 69

Possible interaction of luteinizing hormone-releasing factor with other hypothalamic releasing factors at the level of the adenohypophysis. Crighton DB, et al. J Endocr 44:405-10, Jul 69

Comparison of arginine infusion and diethylstilbestrol as a means of provoking growth hormone secretion. Bacon GE, et al. J Pediat 75:385-90, Sep 69

Simulation of the apparent effects of mebanazine on growth hormone by pair-feeding of control animals. Barrett AM. J Pharm Pharmacol 21:481-7, Aug 69

Non-neutrality of bed rest. McCally M, et al. New Eng J Med 281:743, 25 Sep 69

Hyperglycemia and arginine-initiated growth-hormone release during pregnancy. Tyson JE, et al. Obstet Gynec 34:319-21, Sep 69

The role of the hypothalamus in hormonal sex differentiation. Hyyppä M. Rev Roum Physiol 5:289-99, 1968

[Determination of growth hormone (HGH) in hypothyroid children before and after treatment] Haour F, et al. C R Soc Biol (Paris) 162:2112-5, 1968 (Fre)

[Measurement of releasing factors] Ito S, et al. Clin Endocr (Tokyo) 17:274-84, Apr 69 (134 ref.) (Jap)

[New endocrine disorders attracting current interest--anterior pituitary gland] Matsuzaki F. Clin Endocr (Tokyo) 17:383-8, May 69 (26 ref.) (Jap)

[Relationship between ultrastructure and function of the anterior pituitary gland in birds] Mikami S. Clin Endocr (Tokyo) 17:502-11, Jun 69 (28 ref.) (Jap)

[Functional classification and postnatal development of the anterior pituitary cells in mice] Yamashita K. Clin Endocr (Tokyo) 17:482-91, Jun 69 (42 ref.) (Jap)

[Effect of the hypothalamus on ultrastructure of the anterior pituitary cells, with special reference to various findings on somatotrophs and gonadotrophs] Shiotani Y, et al. Saishin Igaku 24:956-62, May 69 (Jap)

STANDARDS

Colorimetric quantification of the growth hormone and prolactin components of disc electrophoretic patterns. Lewis UJ, et al. Endocrinology 85:690-7, Oct 69

THERAPEUTIC USE

Abnormal height in children. Hamilton W. Develop Med Child Neurol 11:521-4, Aug 69

Effects of hormones on development and function of lymphoid tissues. Synergistic action of thyroxin and somatotropic hormone in pituitary dwarf mice. Baroni CD, et al. Immunology 17:303-14, Aug 69

Estrogenic antagonism of metabolic effects of administered growth hormone. Schwartz E, et al. J Clin Endocr 29:1176-81, Sep 69

[On the effect of growth hormone on the red blood cell picture of hypophysectomized pigeons] Höcker W. Blut 19:332-6, Sep 69 (Ger)

[Experience with the homologous growth hormone in hyposomatotropism] Holldorf L, et al. Z Ges Inn Med 24:240-3, 15 Apr 69 (Ger)

THYROTROPIN

Identification of the thyrotrophs with the gonadotrophs in the anterior pituitaries of thyroidectomized rats. Yoshimura F, et al. Endocr Jap 16:69-85, Feb 69

[Influence of fasting on golden hamster anterior pituitary cells. Electron microscope study] Dubois P, et al. C R Soc Biol (Paris) 162:2116-8, 1968 (Fre)

ANALYSIS

Chromophobe pituitary adenoma with acromegaly and TSH-induced hyperthyroidism associated with parathyroid adenoma. Acromegaly and parathyroid adenoma. Lamberg BA, et al. Acta Endocr (Kobenhavn) 60:157-72, Jan 69

Humoral immunity and autoimmune disease. Roitt IM. Vox Sang 16:341-4, Apr 69

[Advances and problems in TSH measurement] Miyai K, et al. Clin Endocr (Tokyo) 17:253-60, Apr 69 (41 ref.) (Jap)

BIOSYNTHESIS

[Synthesis and release of LH, prolactin and TSH in rabbits and birds] Kanematsu S, et al. Saishin Igaku 24:1002-6, May 69 (Jap)

BLOOD

Mechanism of goitorogenesis by very low doses of propylthiouracil and the role of iodine intake. Herrera E, et al. Acta Endocr (Kobenhavn) 59:529-44, Dec 68

Chromophobe pituitary adenoma with acromegaly and TSH-induced hyperthyroidism associated with parathyroid adenoma. Acromegaly and parathyroid adenoma. Lamberg BA, et al. Acta Endocr (Kobenhavn) 60:157-72, Jan 69

Relationships between blood thyrotrophin level, protein bound iodine and free thyroxine concentration in man under normal physiological conditions. Lemarchand-Béraud T, et al. Acta Endocr (Kobenhavn) 60:315-26, Feb 69

The relationship between human chorionic somato-mammotropine hormone and thyrostimuline in biological and radioimmunological assays. Genazzani AR, et al. Experientia 25:419-20, 15 Apr 69

Induction of myxedema by iodide in patients euthyroid after radioiodin or surgical treatment of diffuse toxic goiter. Braverman LE, et al. New Eng J Med 281:816-21, 9 Oct 69

[Factors regulating TSH secretion] Tsuji S, et al. Saishin Igaku 24:976-82, May 69 (Jap)

[A method of determination of thyrotropic hormone in blood] Potin VV, et al. Lab Delo 11:663-6, 1968 (Rus)

DIAGNOSTIC USE

[Thyroid nodule: diagnostic and therapeutic problems] Jaffiol C. Sem Hop Paris 45:2031-2, 20 Jun 69 (Fre)

ISOLATION & PURIFICATION

[Assessment of the stages of obtaining hormones and of their purity using immunological methods. Detection of thyrotropin derivative] Tugunov SS, et al. Probl Endokr (Moskva) 13:96-9, May-Jun 67 (Rus)

METABOLISM

The hyperfunctioning thyroid nodule. Morton WM, et al. Southern Med J 62:1036-41, Sep 69

Familial goiter with dimished synthesis of thyroglobulin. Riddick FA Jr, et al. Z Ges Exp Med 150:203-12, 1969

Cytoplasmic fluorescence of thyroid follicle cells after incubation with thyroid stimulating hormone. Vanhaelst L, et al. Z Ges Exp Med 150:1-6, 1969

[Nipiopharmacology of thyroid hormones, thyreotrope hormone, hormones of the neuro-hypophisis and serotonin] Cao A. Minerva Nipiol 17:238-94, Nov-Dec 67 (999 ref.) (Ita)

[Synthesis and release of LH, prolactin and TSH in rabbits and birds] Kanematsu S, et al. Saishin Igaku 24:1002-6, May 69 (Jap)

PHARMACODYNAMICS

Synergistic and inhibitory activity of various hormones on the exophthalmo producing factor in sera of patients suffering from endocrine exophthalmos. Schemmel K, et al. Acta Endocr (Kobenhavn) 61:407-14, Jul 69

The effect of thyrotropic hormone treatment on the epiphyseal cartilage of the white rat. Léval G, et al. Acta Morph Acad Sci Hung 17:7-15, 1969

The subcellular distribution of 32P-labelled phospholipids, 32P-labelled ribonucleic acid and 125I-labelled odoprotein in pig thyroid slices. Effect in vitro of thyrotrophic hormone and dibutyryl-3',5'-(cyclic)-adeosine onophosphate. Kerkof PR, et al. Biochem J 112:729-39, May 69

Role of cellular and humoral factors in the destruction

of nascent plasma cell tumors. Yamada H, et al. Cancer Res 29:1420-7, Jul 69

Acute effects of various gonadotropins and other pituitary hormones on preovulatory ovarian progestin secretion in hypophysectomized rats. Uchida K, et al. Endocr Jap 16:239-49, Apr 69

Effects of actinomycin D on the thyroid. Deodhar SD, et al. Endocrinology 85:629-37, Oct 69

Functional alterations in rat thyroid ribosomes. Grief RL, et al. Endocrinology 85:855-60, Nov 69

Bioassay of parathyroid hormone in vitro with a stable preparation of adenyl cyclase from rat kidney. Marcus R, et al. Endocrinology 85:801-10, Nov 69

Effects of thyrotropin on 35S-sulfate uptake by mouse Harderian gland. Singh SP, et al. Endocrinology 85:952-5, Nov 69

Effects of thyrotropin on thyroidal phospholipid and adenosine 5'-triphosphate metabolism. Schneider PB. J Biol Chem 244:4490-3, 25 Aug 69

Hormone-induced modifications of free tyrosine in the rat thyroid gland. Hodge JV, et al. J Physiol (London) 203:1-12, Jul 69

Effect of estradiol, testosterone, cortisone acetate, somatotropin, thyrotropin and parathyroid hormone on the lumbar intervertebral disc in growing dogs. Paatsama S, et al. J Small Anim Pract 10:351-4, Aug 69

Wound healing. Schiff M. Laryngoscope 79:1419-27, Aug 69

ACTH sensitive adenyl cyclase in bovine adrenal cortex membrane fractions. Hechter O, et al. Life Sci 8:935-42, 1 Sep 69

The cell membrane: a common site of action of thyrotropin (TSH) and long-acting thyroid stimulator (LATS). Burke G. Metabolism 18:720-9, Aug 69

[Effect of thyrotropic hormone on the carbohydrate metabolism of human thyroid slices in vitro] Otten J. Arch Int Physiol 77:395-6, May 69 (Fre)

[Action of TSH on the biosynthesis of RNA in fetal rat thyroid in organ culture] Imbenotte J, et al. Bull Soc Chim Biol (Paris) 51:428-32, 26 Jun 69 (Fre)

[Influence of hydrocortisone on mouse perinatal and fetal thyroids cultivated in vitro] Colle-Vandevelde A. C R Acad Sci [D] (Paris) 268:3187-8, 30 Jun 69 (Fre)

[Identity of exophthalmic activity of the hypophysis and of the blood serum] Avenirova ZA, et al. Probl Endokr (Moskva) 14:29-32, Jul-Aug 68 (Rus)

PHYSIOLOGY

Relationships between blood thyrotrophin level, protein bound iodine and free thyroxine concentration in man under normal physiological conditions. Lemarchand-Béraud T, et al. Acta Endocr (Kobenhavn) 60:315-26, Feb 69

A model of the normal thyroid hormone glandular secretion mechanism. DiStefano JJ 3d. J Theor Biol 22:412-7, Mar 69

SECRETION

Target gland insufficiency and puituary tumours. Leiba S, et al. Acta Endocr (Kobenhavn) 60:112-20, Jan 69

Relationships between blood thyrotrophin level, protein bound iodine and free thyroxine concentration in man under normal physiological conditions. Lemarchand-Béraud T, et al. Acta Endocr (Kobenhavn) 60:315-26, Feb 69

Mechanisms of Graves' disease and endocrine exophthalmos. Anderson DR. Amer J Ophthal 68:46-57, Jul 69 (131 ref.)

Electrom microscopic study of the anencephalic adenohypophysis with reference to the adrenocorticotrophs and their correlation with the functional differentiation of the hypothalamus during the foetal life. Hatakeyama S. Endocr Jap 16:187-203, Feb 69

Peptide-secreting tumours with special reference to the pancreas. Sircus W. Gut 10:506-15, Jul 69 (66 ref.)

Electron microscopic studies of anterior pituitary glands of vitamin E-deficient male mice. Ichihara I. J Anat 104:455-65, May 69

Isolation and properties of porcine thyrotropin-releasing hormone. Schally AV, et al. J Biol Chem 244:4077-88, 10 Aug 69

Influence of pituitary stalk section on growth hormone, insulin and TSH secretion in women with metastatc breast cancer. Antony GJ, et al. J Clin Endocr 29:1238-50, Sep 69

Pituitary enlargement with longstanding myxoedema. Patel YC, et al. New Zeal Med J 70:21-3, Jul 69

[Synthetic polypeptide derivatives with thyrotropin releasing factor hypophysiotropic activity] Burgus R, et al. C R Acad Sci [D] (Paris) 268:2116-8, 21 Apr 69 (Fre)

[Role of 3'-5'-monophosphate cyclic adenosine in the liberation of pituitary TSH] Cehovic G. C R Acad Sci [D] (Paris) 268:2929-31, 16 Jun 69 (Fre)

[Nipiopharmacology of thyroid hormones, thyreotrope hormone, hormones of the neuro-hypophisis and serotonin] Cao A. Minerva Nipiol 17:238-94, Nov-Dec 67 (999 ref.) (Ita)

[New endocrine disorders attracting current interest--anterior pituitary gland] Matsuzaki F. Clin Endocr (Tokyo) 17:383-8, May 69 (26 ref.) (Jap)

[Relationship between ultrastructure and function of the anterior pituitary gland in birds] Mikami S. Clin Endocr (Tokyo) 17:502-11, Jun 69 (28 ref.) (Jap)

[Functional classification and postnatal development of the anterior pituitary cells in mice] Yamashita K. Clin Endocr (Tokyo) 17:482-91, Jun 69 (42 ref.) (Jap)

[Studies on the regulation of thyroid hormone secretion, with special emphasis on the effect of acute reduction of thyroid hormones in the blood] Suematsu H. Folia Endocr Jap 45:29-44, 20 Apr 69 (Jap)

[Experimental hypertension, especially on spontaneously hypertensive rats] Okamoto K. Iryo 23:293-305, Mar 69 (Jap)

[Response of TSH liberation to decrease in the thyroid hormone level in the blood] Suematsu H, et al. Saishin Igaku 24:972-5, May 69 (Jap)

[Neuroendocrine mechanism in the control of TSH secretion. 3. TRF determination in vitro] Tsuji S, et al. Saishin Igaku 24:876-83, Apr 69 (Jap)

[Factors regulating TSH secretion] Tsuji S, et al. Saishin Igaku 24:976-82, May 69 (Jap)

THERAPEUTIC USE

[Classification of the malignant struma and its combined treatment] Röher HD. Med Welt 26:1480-4, 28 Jun 69 (Ger)

[The effect of male sex hormones on the thyroid gland function in hypogonadism and Kleinfelter's syndrome] Starkova NT, et al. Probl Endokr (Moskva) 14:23-9, Jul-Aug 68 (Rus)

[Growth and the growth hormone. Differential diagnosis and treatment of retarded growth of hypophyseal origen] Loeschke A. Rev Clin Esp 111:613-8, 31 Dec 68 (Spa)

VASOPRESSIN

Conformation of polypeptide chains. Venkatachalam CM, et al. Ann Rev Biochem 38:45-82, 1969 (209 ref.)

Antivasopressin antibody. Characterization of high-affinity rabbit antibody with limited association constant heterogeneity. Wu WH, et al. Biochemistry (Wash) 8:2719-28, Jul 69

Granular localization of corticotropin-releasing activity in horse hypophysial stalk homogenate. Ishii S, et al. Endocr Jap 16:171-7, Feb 69

Concentration of Lissamine green in proximal tubules of antidiuretic and mercury poisoned rats and the permeability of these tubules. Steinhausen M, et al. Pflueger Arch 311:1-15, 1969

[Current views on the mechanism of cellular action of antidiuretic hormone (review of the literature)] Natochin IuV. Probl Endokr (Moskva) 14:118-26, Jul-Aug 68 (123 ref.) (Rus)

ADMINISTRATION & DOSAGE

Effect of vasopressin (Pitressin) on gastric mucosal blood flow measured by clearance of krypton. Bell PR, et al. Surgery 66:510-4, Sep 69

[Intravenous administration of synthetic lysine-8-vasopressin and oxytocin. Effects on blood levels of growth hormone, follicle-stimulating hormone and insulin] Kleinknecht D, et al. Presse Med 77:856-8, 10 May 69 (Fre)

[Effect of Octapressin on portal vein pressure, arterial blood pressure, and central venous pressure during general anesthesia. Measurements during portacaval shunt operation] Henneberg U, et al. Deutsch Med Wschr 94:1679-82, 22 Aug 69 (Ger)

[POR 8, a new vasoconstrictor agent for dental and oral surgical purposes] Grasser H, et al. Deutsch Zahnaerztl Z 24:850-1, 1969 (Ger)

[Intensification of the pressor vasopressin reaction by 2-mercaptoethylguanidine in rats] Michailov MC. **Experientia 25:621-2, 15 Jun 69 (Ger)**

ADVERSE EFFECTS

Effects of drugs on placental function and their relation to congenital abnormalities. Davies J, et al. **Proc Roy Soc Med 62:317-8, Apr 69**

ANALYSIS

In vitro studies of the release mechanism for vasopressin in rats. 3. Effect of metabolic inhibitors on the release. Warberg J, et al. **Acta Endocr (Kobenhavn) 61:415-24, Jul 69**

Antivasopressin antibody. Characterization of high-affinity rabbit antibody with limited association constant heterogeneity. Wu WH, et al. **Biochemistry (Wash) 8:2719-28, Jul 69**

Fate of vasopressin and oxytocin in the pulmonary circulation. Biron P, et al. **Canad J Physiol Pharmacol 47:713-7, Aug 69**

The effect of hypothalamic lesions on the melanocyte-stimulating hormone content and histology of the pars intermedia of the rat pituitary gland. Howe A, et al. **J Physiol (London) 203:159-71, Jul 69**

New neurohypophysial principle in foetal mammals. Vizsolyi E, et al. **Nature (London) 223:1169-71, 13 Sep 69**

[Research of maximal sensitivity to A.D.H. in toads, biologically reactive animals] Roux G, et al. **J Physiol (Paris) 60:Suppl 2:535-6, 1968 (Fre)**

[Advances and problem in measurement of hormones: anti-diuretic hormone (ADH)] Yoshida H. **Clin Endocr (Tokyo) 17:270-3, Apr 69 (32 ref.) (Jap)**

ANTAGONISTS & INHIBITORS

The synthesis and some of the pharmacological properties of [4-L-isoleucine]-oxytocin and [4-L-leucine]-oxytocin. Hruby VJ, et al. **J Biol Chem 244:3890-4, 25 Jul 69**

The ionic specificity of lithium as an inhibitor of the action of vasopressin. Harris CA, et al. **J Physiol (London) 203:73P-74P, Jul 69**

[Antagonism between Th 1165 and vasopressin on the isolated rat uterus] Brugger AJ, et al. **Rev Esp Fisiol 24:177-82, Dec 68 (Spa)**

BIOSYNTHESIS

[Inborn errors of hormone synthesis] Imura H, et al. **Saishin Igaku 24:1176-86, Jun 69 (65 ref.) (Jap)**

BLOOD

Oxytocic and antidiuretic effects of nausea in women. Goutinho EM. **Amer J Obstet Gynec 105:127-31, 1 Sep 69**

The time relation between the secretory and electical responses of supraoptic neurones to osmotic stimuli. Dyball RE. **J Physiol (London) 203:67P-68P, Jul 69**

[Significance of portal circulation and liver in homeostatic regulation of water and carbohydrate metabolism] Haberich FJ. **Praxis 57:1684-92, 3 Dec 68 (Ger)**

[Vasopressin plasma concentration in obese and slender persons] Nitschke U, et al. **Z Ges Inn Med 24:204-8, 1 Apr 69 (Ger)**

[Study of volume receptors on the secretion of antidiuretic hormone and its ascending pathways] Yoshida S, et al. **Saishin Igaku 24:1031-3, May 69 (Jap)**

[The central nervous apparatus for regulation of osmosis] Walloe L. **T Norsk Laegeforen 89:1077-82, 1 Jul 69 (Nor)**

CHEMICAL SYNTHESIS

Chemical synthesis of peptides. Katsoyannis P, et al. **Ann Rev Biochem 38:881-912, 1969 (198 ref.)**

DIAGNOSTIC USE

Diagnosis of Cushing's syndrome. The differentiation between adrenocortical hyperplasia and adrenocrotical adenoma by means of lysine-vasopressin. Bethge H, et al. **Acta Endocr (Kobenhavn) 60:47-59, Jan 69**

The erection and detumescence of esophageal varices. Preger L, et al. **Amer J Roentgen 107:77-80, Sep 69**

The correlation between site on infection and maximal concentrating ability in bacteriuria. Clark H, et al. **J Infect Dis 120:47-53, Jul 69**

A one-day test for measuring renal function. McKean WI, et al. **New Zeal Med J 69:337-41, Jun 69**

The metabolic and endocrine response to acute medical stress. Nabarro JD. **Proc Roy Soc Med 62:351-5, Apr 69**

ISOLATION & PURIFICATION

Purification and stability of specifically tritium labelled lysine vasopressin (tyrosine2-3-T-lysine8-sopressin). Carlsson L, et al. **Experientia 25:749, 1969**

METABOLISM

Fate of vasopressin and oxytocin in the pulmonary circulation. Biron P, et al. **Canad J Physiol Pharmacol 47:713-7, Aug 69**

Inactivation of deamino-oxytocin, deamino-carba-oxytocin, (D-lys)-, and (D-arg)vasopressins by kidney cell particles. Barth T, et al. **Experientia 25:646-7, 15 Jun 69**

Chlorpropamide antidiuresis. Radó J, et al. **Lancet 2:433-4, 23 Aug 69**

[Hypothalamo-gastric relationships] Martin MS, et al. **Path Biol (Paris) 16:1099-113, Dec 68 (98 ref.) (Fre)**

[Syndrome of inappropriate secretion of ADH (anti-diuretic hormone)] Yoshida S, et al. **Jap J Clin Med 27:1171-8, Apr 69 (43 ref.) (Jap)**

PHARMACODYNAMICS

Influence of prostaglandin E1 on the terminal vascular bed. Weiner R, et al. **Amer J Physiol 217:563-6, Aug 69**

Effect of neurohypophyseal hormones and their mechanism of action on gall-bladder water transport. Cremaschi D, et al. **Arch Int Physiol 76:813-22, Dec 68**

Antivasopressin antibody. Characterization of high-affinity rabbit antibody with limited association constant heterogeneity. Wu WH, et al. **Biochemistry (Wash) 8:2719-28, Jul 69**

A study of human bladder detrusor muscle. Todd JK, et al. **Brit J Urol 41:448-54, Aug 69**

Fate of vasopressin and oxytocin in the pulmonary circulation. Biron P, et al. **Canad J Physiol Pharmacol 47:713-7, Aug 69**

The effect of vasodilator drugs on the noradrenaline constrictor response in the isolated mesenteric artery. McNeill JH, et al. **Canad J Physiol Pharmacol 47:663-9, Aug 69**

Acute effects of various gonadotropins and other pituitary hormones on preovulatory ovarian progestin secretion in hypophysectomized rats. Uchida K, et al. **Endocr Jap 16:239-49, Apr 69**

Effect of biogenic amines, FSH-releasing factor (FRF) and other substances on the release of FSH by pituitaries incubated in vitro. Kamberi IA, et al. **Endocrinology 85:815-24, Nov 69**

Bioassay of parathyroid hormone in vitro with a stable preparation of adenyl cyclase from rat kidney. Marcus R, et al. **Endocrinology 85:801-10, Nov 69**

Antidiuretic hormone and human eccrine sweating. Fasciolo JC, et al. **J Appl Physiol 27:303-7, Sep 69**

Stimulation of LH release in men and women by LH-releasing hormone purified from porcine hypothalami. Kastin AJ, et al. **J Clin Endocr 29:1046-50, Aug 69**

Hypothalamo-hypophyseal system in the minnow, Phoxinus phoxinus L. with a note on the effects of hypophysectomy. Bhargava HN. **J Comp Neurol 137:89-105, Sep 69**

Effect of vasopressin on sodium and potassium reabsorption by the renal tubules in man. Barraclough M, et al. **J Physiol (London) 203:71P-72P, Jul 69**

Effects of neurohypophyseal hormones on the skin permeability of Rana cancrivora, in vivo. Dicker SE, et al. **J Physiol (London) 203:74P-75P, Jul 69**

Effects of vasopressin on components of Na transport in frog skin. Rider J, et al. **J Physiol (London) 203:72P-73P, Jul 69**

ACTH sensitive adenyl cyclase in bovine adrenal cortex membrane fractions. Hechter O, et al. **Life Sci 8:935-42, 1 Sep 69**

Acute effects of lysine vasopressin injection (single and continuous) on urinary composition in the

conscious water diuretic rat. Atherton JC, et al. **Pflueger Arch 310:281-96, 1969**

The time-course of changes in renal tissue composition during lysine vasopressin infusion in the rat. Hai MA, et al. **Pflueger Arch 310:297-317, 1969**

Effect of vasopressin (Pitressin) on gastric mucosal blood flow measured by clearance of krypton. Bell PR, et al. **Surgery 66:510-4, Sep 69**

Ventricular extrasystoles induced by epinephrine, nicotine, ethanol, and vasopressin in dogs with myocardial lesions. Balazs T, et al. **Toxic Appl Pharmacol 15:189-205, Jul 69**

[Synergism and antagonism of some substances with angiotensin] Lanza M, et al. **C R Soc Biol (Paris) 162:1969-71, May 69 (Fre)**

[Comparison of the antidiuretic effects of venous and arterial hemorrhage] Mazer A, et al. **C R Soc Biol (Paris) 163:260-2, 1969 (Fre)**

[Effect of 8-lysinevasopressin in man on the plasma concentration of corticotropic and somatotropic hormones] Binoux M, et al. **J Physiol (Paris) 60:Suppl 2:403, 1968 (Fre)**

[Intravenous administration of synthetic lysine-8-vasopressin and oxytocin. Effects on blood levels of growth hormone, follicle-stimulating hormone and insulin] Kleinknecht D, et al. **Presse Med 77:856-8, 10 May 69 (Fre)**

[Action of octapressin (Phe2-Lys8-vasopressin) on cerebral phosphorylase] Constantinescu J. **Rev Roum Physiol 6:169-75, 1969 (Fre)**

[Effects of octapressin on the general and coronary circulation in anesthetized, closed chest dogs] Strauer BE, et al. **Aerztl Forsch 23:227-35, 10 Jul 69 (Ger)**

[Effect of Octapressin on portal vein pressure, arterial blood pressure, and central venous pressure during general anesthesia. Measurements during portacaval shunt operation] Henneberg U, et al. **Deutsch Med Wschr 94:1679-82, 22 Aug 69 (Ger)**

[Intensification of the pressor vasopressin reaction by 2-mercaptoethylguanidine in rats] Michailov MC. **Experientia 25:621-2, 15 Jun 69 (Ger)**

[Influence of ionic calcium and antidiuretic hormone on transtubular sodium transport in the rat kidney] Ullrich KJ, et al. **Pflueger Arch 310:369-76, 1969 (Ger)**

[The cardiovascular circulation system in diabetes insipidus and the effect of pregnancy upon it] Retzke, et al. **Z Ges Inn Med 24:198-204, 1 Apr 69 (Ger)**

[Cardiac action of beta-blocking drugs. VI. dl-INPEA can be made capable of preventing the electrocardiographic effects of pitressin by use of aminophylline] Greggia A, et al. **Boll Soc Ital Biol Sper 44:1780-3, 15 Nov 68 (Ita)**

[Cardiac action of beta-blocking agents. IV. Comparison of the capacity of propranolol and of L-(4-nitrophenyl)-2-isopropyl-amino-ethanol to prevent the electrocardiographic effects of intravenous injection of pitressin in rats] Razzaboni G, et al. **Boll Soc Ital Biol Sper 44:1318-9, 31 Aug 68 (Ita)**

[The effect of ADH upon secretion of water and salt from submaxillary gland of dog] Okamoto T. **J Physiol Soc Jap 31:313-25, 1969 (Jap)**

[Hemodynamic action of octapressin during halothane aneshtesia] Yoshida T, et al. **Jap J Anesth 18:216-20, Mar 69 (Jap)**

[Factors regulating biosynthesis of ACTH] Kumagai A, et al. **Jap J Clin Med 27:1373-6, May 69 (Jap)**

[Vasopressin influence on electrolyte excretion with saliva of the parotid gland in dogs] Iaremenko MS. **Fiziol Zh SSSR Sechenov 55:207-12, Feb 69 (Rus)**

[A study of pituitary effect on the regulation of intraocular pressure] Kopp OP. **Oftal Zh 24:147-51, 1969 (Rus)**

[Current views on the mechanism of cellular action of antidiuretic hormone (review of the literature)] Natochin IuV. **Probl Endokr (Moskva) 14:118-26, Jul-Aug 68 (123 ref.) (Rus)**

[The effects of antidiuretic hormone, potassium and calcium ions and stimulation on the frog's skeletal muscle permeability to low molecular non-electrolytes] Adamian SIa. **Tsitologiia 11:154-62, Feb 69 (Rus)**

PHYSIOLOGY

Control of body salt and water. Binnion PF. **Practitioner 203:375-82, Sep 69**

[Mannitol. I. Mechanism of renal action] Fournier A. **Path Biol (Paris) 17:521-8, May 69 (Fre)**

[Role of hormones in magnesium metabolism] Blahos J. **Sem Hop Paris 45:1895-900, 8 Jun 69 (71 ref.) (Fre)**

[Effect of mercaptans on urine volume and osmolarity in rabbits] Schmid A. **Naunyn Schmiedeberg Arch Pharm 264:165-71, 1969 (Ger)**

[Hormonal influences on the formation of cyclic adenosine 3'-5'-monophosphate in the rat kidney] Schultz G. **Naunyn Schmiedeberg Arch Pharm 263:250-1, 1969 (Ger)**

[Influence of ionic calcium and antidiuretic hormone on transtubular sodium transport in the rat kidney] Ullrich KJ, et al. **Pflueger Arch 310:369-76, 1969 (Ger)**

[Nephrogenic diabetes insipidus] Mashimo K, et al. **Jap J Clin Med 27:1244-51, Apr 69 (Jap)**

[Changes in renal hemodynamics and function in cardiac insufficiency] Eliseev OM. **Kardiologiia 9:132-41, May 69 (61 ref.) (Rus)**

SECRETION

In vitro studies of the release mechanism for vasopressin in rats. 3. Effect of metabolic inhibitors on the release. Warberg J, et al. **Acta Endocr (Kobenhavn) 61:415-24, Jul 69**

Diurnal variations of the plasma cortisol level in diabetes insipidus. Czakó L, et al. **Acta Med Acad Sci Hung 26:197-202, 1969**

Oxytocic and antidiuretic effects of nausea in women. Goutinho EM. **Amer J Obstet Gynec 105:127-31, 1 Sep 69**

Homeostatic control of plasma osmolality in the dog and the effect of ethanol. Millerschoen NR, et al. **Amer J Physiol 217:431-7, Aug 69**

Connections of cerebral structures functioning in neurohypophysial hormone release. Woods WH, et al. **Brain Res 12:26-46, Jan 69**

Variation in volume and composition of body fluids (interstitial, blood and urine) as a measure of adaptability in buffaloes to a hot environment. Pandey MD, et al. **Brit Vet J 125:389-402, Aug 69**

Peptide-secreting tumours with special reference to the pancreas. Sircus W. **Gut 10:506-15, Jul 69 (66 ref.)**

The time relation between the secretory and electical responses of supraoptic neurones to osmotic stimuli. Dyball RE. **J Physiol (London) 203:67P-68P, Jul 69**

Acute effects of lysine vasopressin injection (single and continuous) on urinary composition in the conscious water diuretic rat. Atherton JC, et al. **Pflueger Arch 310:281-96, 1969**

[New endocrine disorders attracting current interest--posterior pituitary gland and syndrome of excessive secretion of vasopressin (ADH)] Saito T. **Clin Endocr (Tokyo) 17:389-94, May 69 (47 ref.) (Jap)**

[Brain diseases and electrolyte unbalance] Ueki K, et al. **Jap J Clin Med 27:1163-70, Apr 69 (76 ref.) (Jap)**

[Syndrome of inappropriate secretion of ADH (anti-diuretic hormone)] Yoshida S, et al. **Jap J Clin Med 27:1171-8, Apr 69 (43 ref.) (Jap)**

[Study of volume receptors on the secretion of antidiuretic hormone and its ascending pathways] Yoshida S, et al. **Saishin Igaku 24:1031-3, May 69 (Jap)**

[Pathogenetic mechanism of diabetes insipidus and the problems of its therapy] Vein AM, et al. **Probl Endokr (Moskva) 15:42-8, May-Jun 69 (Rus)**

THERAPEUTIC USE

Ornithine vasopressin (POR-8) as a haemostatic agent in vaginal surgery. Tongue WS. **New Zeal Med J 69:350-3, Jun 69**

[Complementary endocrine treatment of cerebral tumors] Bernard-Weil E. **Acta Radiol [Ther] (Stockholm) 8:126-33, Feb-Apr 69 (Fre)**

[Relative inefficiency of antidiuretic hormone in patients deficient in cortisol due to a 21-hydroxylation disorder] Boulangé M, et al. **J Physiol (Paris) 60:Suppl 2:352, 1968 (Fre)**

[Staphylococcal sepsis with bacterial meningoencephalitis and hypokalemic kidney damage treated with vancomycin] Hohenegger M, et al. **Wien Med Wschr 119:445-7, 14 Jun 69 (Ger)**

[Clinical experience with Octapressin] Kumagai Y, et al. **Jap J Anesth 18:334-7, Apr 69 (Jap)**

URINE

Purification and determination of the antidiuretic substance in human urine. Frandsen P. Acta Endocr (Kobenhavn) 62:31-8, Sep 69

VASOTOCIN

ANALYSIS

The active neurohypophysial principles of two primitive bony fishes, the bichir (Polypterus senegalis) and the African lungfish (Protopterus aethiopicus). Sawyer WH. J Endocr 44:421-35, Jul 69

PHARMACODYNAMICS

Neurohypophyseal hormones in amphibia: a comparison of their actions and storage. Bentley PJ. Gen Comp Endocr 13:39-44, Aug 69

IV. Related Topics

HYPOPHYSECTOMY

The ventral prostate weight method in hypophysectomized rats for luteinizing hormone. Specificity of the test. Christiansen P. **Acta Endocr (Kobenhavn) 59:622-8, Dec 68**

The ovarian ascorbic acid depletion test for luteinizing hormone. Lack of specificity. Koed HJ, et al. **Acta Endocr (Kobenhavn) 59:629-35, Dec 68**

Chromophobe pituitary adenoma with acromegaly and TSH-induced hyperthyroidism associated with parathyroid adenoma. Acromegaly and parathyroid adenoma. Lamberg BA, et al. **Acta Endocr (Kobenhavn) 60:157-72, Jan 69**

A comparative study of the sulfation factor and immunodetectable growth hormone in serum. Yde H. **Acta Endocr (Kobenhavn) 62:49-55, Sep 69**

The effect of hypophysectomy on the histology and acid phosphatase distribution in the testes of Leptodactylus chaquensis. Bertini F, et al. **Acta Physiol Lat Amer 19:22-9, 1969**

Acromegaly: treatment by cryoablation. Maddy JA, et al. **Ann Intern Med 71:497-505, Sep 69**

The treatment of primary breast cancer. Comments. Getzen LC. **Arch Surg (Chicago) 99:418-20, Sep 69**

The treatment of primary breast cancer. Comments. Klein R. **Arch Surg (Chicago) 99:418, Sep 69**

A defect in the 4s rbosomal subunit after hypophysectomy of the rat. Barden N, et al. **Biochem J 114:30P, Sep 69**

Biological properties of human chorionic gonadotropin. Yogo I. **Endocr Jap 16:215-25, Apr 69**

Effect of prolactin and 5-bromo-2-thienyl-ethyl ketone thiosemicarbazone on ovarian progestin levels in the rat. Mason NR, et al. **Endocrinology 85:831-6, Nov 69**

Transorbital hypophysectomy in primates. Zervas NT, et al. **Endocrinology 85:949-51, Nov 69**

Effects of hypophysectomy, prolactin, and growth hormone on growth of postmetamorphic frogs. Brown PS, et al. **Gen Comp Endocr 13:139-45, Aug 69**

The effect of hypophysectomy on freshwater surviv in teleosts of the order Atherinifoes. Schreibman MP, et al. **Gen Comp Endocr 13:27-38, Aug 69**

Mechanism of the inhibition of implantation in suckling mice. Bindon BM. **J Endocr 44:357-62, Jul 69**

Pituitary destruction for diabetic retinopathy. **Lancet 2:415-6, 23 Aug 69**

Effect of hypophysectomy on immunological recovery after sublethal irradiation of adult rats. Duquesnoy RJ, et al. **Proc Soc Exp Biol Med 131:1176-8, Sep 69**

Adrenal response to hypophysectomy in the newborn dog. Kinsella RA Jr, et al. **Proc Soc Exp Biol Med 131:1389-92, Sep 69**

An electron microscopic study of the human infundibulum. Bergland RM, et al. **Z Zellforsch 99:1-12, 1969**

[Diabetic generalized microangiopathy, diabetic retinopathy, severe polyneuropathy, beginning gangrene of the leg--successfully treated with implantation of 32P into the adenohypophysis] Dub O, et al. **Cas Lek Cesk 108:1053-5, Jul 69 (Cze)**

[Surgery of the pituitary gland, using the open trans-sphenoidal approach. Comparative study of 2 technical methods] Hardy J. **Ann Chir 21:1011-22, Aug-Sep 67 (Fre)**

[Hypophysectomy in diabetic retinopathy] Canivet J, et al. **Presse Med 77:283-6, 15 Feb 69 (Fre)**

[On the treatment of diabetics with reduced vision and blindness. Our opinion on the frequency of blindness in diabetes mellitus] Brückner R. **Praxis 58:1072-81, 2 Sep 69 (Ger)**

[Diabetic retinopathy. Supervision of diabetics and indication for hypophysectomy] Teuscher A. **Ther Umsch 26:349-54, Jun 69 (Ger)**

[Histological and electron microscopic studies on hypophysectomized rats treated with lynestrenol] Th F, et al. **Z Geburtsh Gynaek 170:257-64, 1969 (Ger)**

[Radiologic therapy of breast carcinoma. Questions and problems] Buraggi GL. **Minerva Radiol 13:556-62, Oct 68 (Ita)**

[Current problems in the therapy of diffuse breast carcinoma] Di Pietro S. **Minerva Radiol 13:569-73, Oct 68 (Ita)**

[The role of surgery in the treatment of breast cancer] Veronesi U. **Minerva Radiol 13:574-80, Oct 68 (Ita)**

[Advances and problems of ACTH measurement] Idemura H, et al. **Clin Endocr (Tokyo) 17:245-52, Apr 69 (53 ref.) (Jap)**

[The effect of reserpine on antibody formation in hypophysectomized animals] Devoino LV, et al. **Biull Eksp Biol Med 67:72-5, Feb 69 (Rus)**

[Effect on the hypophysis during the treatment of diabetic retinopathy] **Rev Clin Esp 111:448-9, 30 Nov 68 (Spa)**

ADVERSE EFFECTS

Pituitary destruction for diabetic retinopathy. **Lancet 2:415-6, 23 Aug 69**

[Post-operative development of corticosteronemia after hypophysectomy or hypophthalamo-hypophyseal disconnection in ducks] Baylé JD. **J Physiol (Paris) 60:Suppl 2:397, 1968 (Fre)**

[Hypophysectomy in diabetic retinopathy] Canivet J, et al. **Presse Med 77:283-6, 15 Feb 69 (Fre)**

[Inhibition of polydipsia and polyuria by Tegretal in patients with hypophysectomy and patients with diabetes insipidus] Frahm H, et al. **Med Welt 27:1529-33, 5 Jul 69 (Ger)**

[The effect of hypophysectomy on hemopoiesis in rats] Gol'ber LM, et al. **Probl Endokr (Moskva) 15:86-91, Jan-Feb 69 (Rus)**

INSTRUMENTATION

[An apparatus for transauricular removal of hypophysis in rats] Fedotov VP, et al. **Probl Endokr (Moskva) 14:114-7, Jul-Aug 68 (Rus)**

LACTATION

Studies with 4-14C-lynestrenol in normal and lactating women. Van der Molen HJ, et al. **Acta Endocr (Kobenhavn) 61:255-74, Jun 69**

Clinical, biochemical, and experimental sutides on lactation. I. Lactation pattern in Egyptian women. Kamal I, et al. **Amer J Obstet Gynec 105:314-23, 1 Oct 69**

Effects of exposure to 21 and 34 degrees C on the outcome of overlapping reproductive cycles in the mouse. Pennycuik PR. **Aust J Biol Sci 22:767-71, Jun 69**

Enzymic changes in rabbit and rat mammary gland during the lactation cycle. Gui B, et al. **Biochem J 112:293-301, Apr 69**

Hormonal induction and regulation of lactose synthetase in mouse mammary gland. Palmiter RD. **Biochem J 113:409-17, Jun 69**

Immunoglobulins in sow mammary secretions throughout lactation and their significance as anti-(Escherichia coli) antibodies to the young pig. Porter P, et al. **Biochem J 113:6P-7P, Jun 69**

Solid-phase syntheis and some pharmacological properties of [8-phenylalanine]-oxytocin. Baxter JW, et al. **Biochemistry (Wash) 8:3592-7, Sep 69**

Connections of cerebral structures functioning in neurohypophysial hormone release. Woods WH, et al. **Brain Res 12:26-46, Jan 69**

Variations with energy nutrition in the concentrations of amino acids of the blood plasma in the dairy cow. Halfpenny AF, et al. **Brit J Nutr 23:547-57, Aug 69**

Changes in composition of rat's milk in the stomach of the suckling. Naismith DJ, et al. **Brit J Nutr 23:683-93, Aug 69**

The influence of ruminal infusion of volatile fatty acids on milk yield and composition and on energy utilization by lactating cows. Orskov ER, et al. **Brit J Nutr 23:443-53, Aug 69**

The effect of change from low-roughage to high-roughage diets on rumen fermentation, blood composition and milk fat secretion in the cow. Storry JE, et al. **Brit J Nutr 23:511-21, Aug 69**

The albumin-alpha globulin ration in various physiological states in cattle. Herz A, et al. Brit Vet J 125:326-9, Jul 69

Metabolism of fatty acids in the southern elephant seal Mirounga leonina (L). Bryden MM, et al. Canad J Biochem 47:757-60, Aug 69

Prolactin release in response to milking stimulus in the cow and goat estimated by radioimmunoassay. Joke T. Endocr Jap 16:179-85, Feb 69

Effect of magnesium on the response of the rat mammary gland strip to oxytocin analogues. Polácek I, et al. Europ J Pharmacol 7:85-8, Jul 69

Excretion of aflatoxin in a lactating cow. Allcroft R, et al. Food Cosmet Toxic 6:619-25, Dec 68

Relationship between previous reproductive history and chemically induced mammary cancer in rats. Moon RC. Int J Cancer 4:312-7, 15 May 69

Lactation and reproductive histories of breast cancer patients in greater Athens, 1965-67. Valaoras VG, et al. Int J Cancer 4:350-63, 15 May 69

Mechanism of the inhibition of implantation in suckling mice. Bindon BM. J Endocr 44:357-62, Jul 69

Variations in the yield and composition of the milk during lactation in the rabbit and the galactopoietic effect of prolactin. Cowie AT. J Endocr 44:437-50, Jul 69

Study of gastric secretion during lactation period in Indian women. Tandon GS, et al. J Indian Med Ass 52:500-2, 1 Jun 69

The endocrine control of the breasts. Harley JM. Practitioner 203:153-7, Aug 69

The lactating breast. Millar DG. Practitioner 203:158-65, Aug 69

Secretion of ethynylestradiol and its 3-cyclopentyl ether in the milk of lactating rats. Cargill DI, et al. Proc Soc Exp Biol Med 131:1362-5, Sep 69

Prevention of intramammary infection in dairy cattle during lactation: role of teat skin disinfection and milking unit sanitation. McDonald JS. Proc US Livestock Sanit Ass 72:97-100, 1968

Biochemical studies on the blood of Indian elephants (Elephas maximus). Nirmalan G, et al. Res Vet Sci 10:176-80, Mar 69

Hormonal stimulation of lactose synthetase in mammary carcinoma. McGuire WL. Science 165:1013-4, 5 Sep 69

Excretion of DDT compounds in rat milk. Ottoboni A, et al. Toxic Appl Pharmacol 15:56-61, Jul 69

Breast cancer associated with pregnancy. Lynch GA. Ulster Med J 38:34-46, Winter 69

The eradication of metabolic diseases. Mudd AJ. Vet Rec 84:627-30, 21 Jun 69

[Preparation of the mother for lactation] Katiloiehti 74:308-11, Jul-Aug 69 (Fin)

[The cycle of the mammary adenocarcinoma virus in mice and its relations to milk secretion] Thomas JA, et al. C R Acad Sci [D] (Paris) 269:396-9, 1969 (Fre)

[Half-life, metabolic clearance rate and rate of corticosterone secretion in rats during gestation and lactation] Kamoun A, et al. J Physiol (Paris) 60:Suppl 2:474, 1968 (Fre)

[Role of the hypothalamo-hypophyseal region in milk secretion] Delecour M, et al. Rev Franc Gynec Obstet 62:227-32, Apr-May 67 (Fre)

[Endogenous and exogenous influences on the ovarian function and embryonal development] Smidt D. Arch Gynaek 207:155-64, 1969 (Ger)

[On the involution of the bovine milk gland] Mosimann W. Schweiz Arch Tierheilk 111:431-9, Aug 69 (Ger)

[Effect of fasting on certain hematochemical constants in cattle, with special reference to calcium, phosphorus, magnesium and citric acid] Addis M, et al. Arch Vet Ital 19:441-54, 31 Dec 68 (Ita)

[Electron microscopic study of the mechanism of secretion of milk] Kimura T. J Jap Obstet Gynec Soc 21:301-8, Mar 69 (Jap)

[Nutritional state during the lactation and fatty acid in the plasma and milk] Kuboshima H. J Tokyo Med Coll 27:163-76, 1969 (Jap)

[The protein composition and immunogenic properties of dogs' milk at various periods of lactations] Ermolov VI. Biull Eksp Biol Med 67:56-7, Feb 69 (Rus)

[Concerning the efferent nerves of the mammary gland] Zotikova IN. Fiziol Zh SSSR Sechenov 54:624-30, May 68 (Rus)

[Cases of agalactia in cows after enucleation of the corpus luteum] Kamardin MI. Veterinariia 44:102, May 67 (Rus)

DRUG EFFECTS

Clinical, biochemical, and experimental studies on lactation. II. Clinical effects of gestagens on lactation. Kamal I, et al. Amer J Obstet Gynec 105:324-34, 1 Oct 69

Clinical, biochemical, and experimental sutides on lactation. I. Lactation pattern in Egyptian women. Kamal I, et al. Amer J Obstet Gynec 105:314-23, 1 Oct 69

Today's drugs. Brit Med J 3:285-7, 2 Aug 69

The breast milk excretion on flufenamic acid. Buchanan RA, et al. Curr Ther Res 11:533-8, Aug 69

Changes in the milk secretion upon dehydration. Gachev EP. Dokl Bolg Akad Nauk 22:475-7, 1969

A preliminary note on the study of lactogenic properties of leptaden (alarsin pharmaceuticals, Bombay). Narasimhamurthy G. Indian Vet J 46:510-6, Jun 69

The synthesis and some of the pharmacological properties of [4-L-isoleucine]-oxytocin and [4-L-leucine]-oxytocin. Hruby VJ, et al. J Biol Chem 244:3890-4, 25 Jul 69

Effects of oestrogen and progestagen on the composition of human milk. Toaff R, et al. J Reprod Fertil 19:475-82, Aug 69

Mammotropic effect of fluphenazine enanthate in the rat. Mishkinsky J, et al. Neuroendocrinology 4:321-5, 1969

Human placental lactogen. Lyons WR. New Eng J Med 281:742-3, 25 Sep 69

An assessment of quinestrol in the inhibition of lactation. McGlone J. Practitioner 203:187-8, Aug 69

The lactating breast. Millar DG. Practitioner 203:158-65, Aug 69

'Instant' inhibition of lactation. Watson PS. Practitioner 203:184-6, Aug 69

[Ribonucleic acids and polyribosomes of rabbit mammary gland during lactogenesis induced by prolactin] Gaye P, et al. Biochim Biophys Acta 186:99-109, 22 Jul 69 (Fre)

[Research on the role of infundibular monoamines during lactation in mice] Barry J. C R Soc Biol (Paris) 162:1954-5, May 69 (Fre)

[Stimulation and suppression of lactation] Hashiguchi K. Sanfujin Jissai 18:395-400, May 69 (Jap)

[Concerning the effect of prolactin, thyroxine and insulin on lactation] Golovan' VT. Fiziol Zh SSSR Sechenov 54:638-46, May 68 (Rus)

[On the effect of adrenaline and chlorpromazine on milk secretion] Protasov BI. Fiziol Zh SSSR Sechenov 54:631-7, May 68 (Rus)

PHYSIOLOGY

[The effect of rectal examination on milk yield in cows] Andrievskii Vla. Veterinariia 44:101, May 67 (Rus)

I. *Physical and Functional Aspects*

THYROID GLAND

Fluorescent thyroid scanning. Hoffer PB.
Amer J Roentgen 105:721-7, Apr 69

One hundred laryngeal cancers studies by serial section. Kirchner JA. Ann Otol 78:689-709, Aug 69

Comparative sensitivity of tissue cultures to rubella virus: use of guinea pig cells for virus titration. Horta-Barbosa L, et al. Appl Microbiol 18:251-5, Aug 69

Seasonal changes in the thyroid gland in the male cobra, Naja naja L. Chiu KW, et al. Biol Bull 136:347-54, Jun 69

Effects of hypothalamic and amygdaloid lesions on development and growth of carcinogen-induced mammary tumors in the female rat. Welsch CW, et al.
Cancer Res 29:1541-9, Aug 69

Light and the gonadal cycle of the black-headed Munia, Munia malacca malacca. Pandha SK, et al.
Endocr Jap 16:157-61, Feb 69

Practically applicable results of twenty years of research in endocrinology. Tausk M.
Fortschr Arzneimitteiforsch 12:137-64, 1968 (130 ref.)

[Thyroid nodule: diagnostic and therapeutic problems] Jaffiol C. Sem Hop Paris 45:2031-2, 20 Jun 69 (Fre)

ABNORMALITIES

Lingual thyroid: report of a case and review of the literature. Cheah JS, et al.
Med J Aust 2:403-6, 23 Aug 69

[A patient with struma baseos linguae and a branchiogenic cyst] Raaymakers EL.
Nederl T Geneesk 113:1496-9, 30 Aug 69 (Dut)

[On primary thyroid carcinoma at the base of the tongue] Gambardella P.
Chir Ital 20:286-99, Apr 68 (Ita)

[Intrathoracic goiter of the posterior mediastinum] Shlain BI. Grudn Khir 9:118, Nov-Dec 67 (Rus)

[Goiter at the root of the tongue] Smadich VD, et al.
Probl Endokr (Moskva) 14:49-50, May-Jun 68 (Rus)

ANALYSIS

Effect of large doses of radioiodine on thyroid function. 3. The iodoproteins of the thyroid gland. Djurdjević D, et al. Acta Endocr (Kobenhavn) 60:281-6, Feb 69

Effect of experimentally induced thyroiditis on biosynthesis of thyroxine in rats. Gorman CA, et al.
Acta Endocr (Kobenhavn) 62:11-20, Sep 69

Distribution of cadmium 109 and zinc 65 in mice of inbred strains. Lucis OJ, et al.
Arch Environ Health (Chicago) 19:334-6, Sep 69

The distribution of the long-acting thyroid stimulator among gamma G-immunoglobulins. Smith BR, et al.
Biochim Biophys Acta 188:89-100, 12 Aug 69

Rapidly-labelled ribonucleic acid-protein complexes of the thyroid tissue. Cartouzou G, et al.
Europ J Biochem 8:357-69, Apr 69

A method for determination of 3',5'-cyclic adenosine monophosphate based on adenosine triphosphate formation. Kaneko T, et al.
J Lab Clin Med 74:682-90, Oct 69

Hormone-induced modifications of free tyrosine in the rat thyroid gland. Hodge JV, et al.
J Physiol (London) 203:1-12, Jul 69

Development of hypertension in rats treated with aldosterone acetate. Fregly MJ, et al.
Toxic Appl Pharmacol 15:229-43, Jul 69

[Iodination of proteins in the human thyroid gland. (Normal and pathologic)] Etling N, et al.
Acta Endocr (Kobenhavn) 59:545-54, Dec 68 (Fre)

[Study of thyroid hormone synthesis in a patient with congenital goiter] Peyrin JO, et al.
Rev Franc Etud Clin Biol 14:459-65, May 69 (Fre)

[Cholinesterase activity of parafollicular cells of the thyroid] Dumont L.
Rev Lyon Med 16:583-6, Aug-Sep 67 (Fre)

[On histotopography of iodine metabolism in endemic goiters and in healthy thyroid glands] Riccabona G, et al. Acta Endocr (Kobenhavn) 59:564-72, Dec 68 (Ger)

[Determination of I-131 in biologic and water sampls by distillation of unmixable liquids and absorption on active coal] Queirazza G.
Minerva Fisiconuci 12:222-6, Jul-Sep 68 (Ita)

[Advances and problems in the determination of parathyroid hormone and thyrocalcitonin] Orimo H.
Clin Endocr (Tokyo) 17:325-41, Apr 69 (70 ref.) (Jap)

[Histochemical study of polysaccharides in the colloid of the thyroid glands in mammals: rodents (Rattus norvergicus albinus, Mus musculus, Cavia porcellus, Lagomorpha (Lepus cuniculus), carnivora (Canis familiaris and Felis domestica), xenarthra (Dasypus novemcinctus)] Moreira ML, et al.
Arq Cent Estud Fac Odont (B Horiz) 6:27-33, Jan-Jun 69 (Por)

[Accumulation of radioactive chromium in white rats having various levels of iodine in their rations and various states of the thyroid gland] Goncharov AT.
Gig Sanit 33:96-7, Dec 68 (Rus)

+[On the method of separative determination of total, reduced and dehydroascorbic acid] Shpakov AE.
Lab Delo 5:305-6, 1967 (Rus)

[Age changes in the content of manganese, cobalt, copper, zinc and iron in the endocrine glands of women] Ataullakhanov IA.
Probl Endokr (Moskva) 15:98-102, Mar-Apr 69 (Rus)

[Serotonin metabolism in patients with disturbed thyroid gland function] Golovach AP.
Probl Endokr (Moskva) 14:97-100, May-Jun 68 (Rus)

[The significance of paraventricular nuclei of the hypothalamus in the regulation of hormone formation in the thyroid gland] Samsonova VM.
Probl Endokr (Moskva) 15:65-70, Mar-Apr 69 (Rus)

[A study of the routes of penetration of diphtheria anatoxin into the body following intranasal instillation] Karal' FR, et al.
Zh Mikrobiol 46:53-6, May 69 (Rus)

ANATOMY & HISTOLOGY

Treatment of thyrotoxicosis with low doses of radioactive iodine. Goolden AW, et al.
Brit Med J 3:442-3, 23 Aug 69

Alteration by neonatal hypothyroidism of the critical period for the induction of persistent estrus in the rat. Kikuyama S. Endocr Jap 16:269-73, Apr 69

In vitro study of C (parafollicular) cells of dog thyroid in organ culture. Bussolati G, et al.
Experientia 25:641-2, 15 Jun 69

Hormone-induced modifications of free tyrosine in the rat thyroid gland. Hodge JV, et al.
J Physiol (London) 203:1-12, Jul 69

[Consequences of the baldness mutation on some aspects of rat behavior] Aschkenasy-Lelu P, et al.
Arch Sci Physiol (Paris) 23:269-89, 1969 (Fre)

[Seasonal variations of basal metabolism and thyroid in Microtus] Rigaudière N.
Arch Sci Physiol (Paris) 23:215-42, 1969 (Fre)

BLOOD SUPPLY

Study of the cervical veins by the translingual route in man. Damascelli B. **Amer J Med** 47:392-4, Sep 69
Rapid flow of blood through pituitary autografts in the rat. Goldman H, et al. **Amer J Physiol** 217:567-9, Aug 69
Thyroid function in chronic excess iodide ingestion: release of inorganic iodide from thyroid gland in response to chronic iodide administration. Nagataki S, et al. **Endocrinology** 85:899-908, Nov 69
Dynamic studies with the newer instrumentation. Polcyn RE, et al.
Radiol Clin N Amer 7:243-55, Aug 69 (62 ref.)

CYTOLOGY

Fine structure of the thyroid parafollicular cells in normal, vitamin D and CaCl2-treated, and CaCl2-treated mice. Nanba H, et al.
Arch Histol Jap 30:283-93, Apr 69
The subcellular distribution of 32P-labelled phospholipids, 32P-labelled ribonucleic acid and 125I-labelled odoprotein in pig thyroid slices. Effect in vitro of thyrotrophic hormone and dibutyryl-3',5'-(cyclic)-adeosine onophosphate. Kerkof PR, et al. **Biochem J** 112:729-39, May 69
Electrom microscopic study of the anencephalic adenohypophysis with reference to the adrenocorticotrophs and their correlation with the functional differentiation of the hypothalamus during the foetal life. Hatakeyama S.
Endocr Jap 16:187-203, Feb 69
Functional alterations in rat thyroid ribosomes. Grief RL, et al. **Endocrinology** 85:855-60, Nov 69
Immunochemical identification of thyroglobulin fragments synthesized in vitro by bovine thyroid polyribosomes. Salabe G, et al.
Endocrinology 85:752-62, Oct 69
In vitro study of C (parafollicular) cells of dog thyroid in organ culture. Bussolati G, et al.
Experientia 25:641-2, 15 Jun 69
Comparative studies on the ultrastructure of the thyroid parafollicular C-cells. Welsch U, et al.
J Micr 89:83-94, 1969
Electron microscopy of the normal and I-131 treated thyroid gland of the newt, Notophthalmus viridescens. Hearing VJ, et al.
J Morph 128:369-85, Jul 69
The cell membrane: a common site of action of thyrotropin (TSH) and long-acting thyroid stimulator (LATS). Burke G. **Metabolism** 18:720-9, Aug 69
Electron microscopic observations on the thyroid gland of the elasmobranchs. Kito J.
Okajima Folia Anat Jap 46:41-57, Apr 69
On the problem of the development of the parafollicular cells from the human ultimobranchial body in prenatal life. Sugiyama S, et al.
Okajima Folia Anat Jap 46:59-63, Apr 69
[The cytologic picture of the mucous membrane of the upper respiratory and digestive tracts and of some cervical organs in physiological condition] Hraba M.
Cesk Otolaryng 18:156-60, Aug 69 (Cze)
[Cytologic and histologic study of the hypophyso-thyroid relations in golden hamsters subjected to fasting] Girod C, et al.
C R Soc Biol (Paris) 163:156-8, 1969 (Fre)
[Cholinesterase activity of parafollicular cells of the thyroid] Dumont L.
Rev Lyon Med 16:583-6, Aug-Sep 67 (Fre)

DRUG EFFECTS

Propranolol and the utilization of radioiodine by the human thyroid gland. Hadden DR, et al.
Acta Endocr (Kobenhavn) 61:393-9, Jul 69
Mechanism of goitorogenesis by very low doses of propylthiouracil and the role of iodine intake. Herrera E, et al. **Acta Endocr (Kobenhavn)** 59:529-44, Dec 68
Studies on the antithyroid activity of naturally occurring L-5-vinyl-2-thiooxazolidone and its urinary metabolite in rats. Langer P, et al.
Acta Endocr (Kobenhavn) 62:21-30, Sep 69
The effect of triiodothyronine on cervical lymphoid structures, thyroid activity, IgG and IgM immunoglobulin level and exophthalmos in Graves' disease. Mahaux JE, et al.
Acta Endocr (Kobenhavn) 61:400-6, Jul 69
Enhancement of imipramine antidepressant activity by thyroid hormone. Prange AJ Jr, et al.
Amer J Psychiat 126:457-69, Oct 69
Fine structure of the thyroid parafollicular cells in normal, vitamin D and CaCl2-treated, and CaCl2-treated mice. Nanba H, et al.
Arch Histol Jap 30:283-93, Apr 69
Biosynthesis of thyroglobulin. Incorporation of [1-14C] galactose, [1-14C] manose and [4,5-3H2] leucine into soluble proteins by rat thyroids in vitro. Herscovics A.
Biochem J 112:709-19, May 69
Effect of actinomycin D on the uptake of radioiodine by thyroidal and extrathyroidal tissues. I. Shah DH, et al.
Biochem Pharmacol 18:1487-93, Jun 69
A simple method for the determination of 5-vinyloxazolidine-2-thione in rapeseed meal. Szewczuk A, et al. **Canad J Biochem** 47:817-8, Aug 69
Effects of actinomycin D on the thyroid. Deodhar SD, et al. **Endocrinology** 85:629-37, Oct 69
Fate of iodide derived from intrathyroidal hyrolysis of thyroglobulin. Greer MA, et al.
Endocrinology 85:837-45, Nov 69
Effect of cyclic 3',5'-AMP on glucose metabolism in thyroid homogenates. Macchia V, et al.
Endocrinology 85:895-8, Nov 69
Role of pharmacological factors in the evaluation of anticonvulsant drugs. Woodbury DM.
Epilepsia (Amst) 10:121-44, Jun 69
Maintenance of thyroid activity with some steroids in hypophysectomized and gonadectomized catfish, Mystus vittatus (Bloch). Singh TP.
Experientia 25:431, 15 Apr 69
Effect of carbaryl on the neuroendocrine system of rats. Shtenberg AI, et al.
Food Cosmet Toxic 6:461-7, Dec 68
Effects of prolactin and growth hormone on growth and metamorphosis of tadpoles of the frog, Rana pipiens. Brown PS, et al. **Gen Comp Endocr** 13:126-38, Aug 69
Effects of thyrotropin on thyroidal phospholipid and adenosine 5'-triphosphate metabolism. Schneider PB.
J Biol Chem 244:4490-3, 25 Aug 69
The effect of thyroid function on hemoglobin differentiation in the chick. Atherton RW.
J Embryol Exp Morph 22:99-105, Aug 69
Hormone-induced modifications of free tyrosine in the rat thyroid gland. Hodge JV, et al.
J Physiol (London) 203:1-12, Jul 69
Melatonin and its precursors' effects on 131-I uptake by the thyroid gland under different photic conditions. De Prospo ND, et al. **Life Sci** 8:837-42, 1 Aug 69
The cell membrane: a common site of action of thyrotropin (TSH) and long-acting thyroid stimulator (LATS). Burke G. **Metabolism** 18:720-9, Aug 69
Induction of myxedema by iodide in patients euthyroid after radioiodin or surgical treatment of diffuse toxic goiter. Braverman LE, et al.
New Eng J Med 281:816-21, 9 Oct 69
Effects of cortisone on thyroidal iodine uptake in hypophysectomized, nephrectomized rats. McHugh WB, et al. **Proc Soc Exp Biol Med** 131:1417-9, Sep 69
The anterior pituitary of the Japanese quail, Coturnix coturnix japonica. The cytological effects of photoperiodic stimulation. Tixier-Vidal A, et al.
Z Zellforsch 92:610-35, 1968
[Effect of human growth hormone on fatty acids in lipid fractions of the serum in persons with thyroid diseases] Felt V, et al.
Cas Lek Cesk 108:923-8, 18 Jul 69 (Cze)
[Effect of thyrotropic hormone on the carbohydrate metabolism of human thyroid slices in vitro] Otten J.
Arch Int Physiol 77:395-6, May 69 (Fre)
[Action of TSH on the biosynthesis of RNA in fetal rat thyroid in organ culture] Imbenotte J, et al.
Bull Soc Chim Biol (Paris) 51:428-32, 26 Jun 69 (Fre)
[Synthetic polypeptide derivatives with thyrotropin releasing factor hypophysiotropic activity] Burgus R, et al.
C R Acad Sci [D] (Paris) 268:2116-8, 21 Apr 69 (Fre)
[Influence of hydrocortisone on mouse perinatal and fetal thyroids cultivated in vitro] Colle-Vandevelde A.
C R Acad Sci [D] (Paris) 268:3187-8, 30 Jun 69 (Fre)
[On the thyroid gland function of the rat after feeding with a tocopherol- and ubiquinone-deficient diet. 3. Morphological normalization of the thyroid gland by tocopherols, quinones and related substances] Blähser S, et al.
Int Z Vitaminforsch 39:163-7, 1969 (Ger)
[Changes in thyroid function after administration of aminoglutethimide] Balli F, et al.
Clin Pediat (Bologna) 50:866-72, Dec 68 (Ita)
[The basal metabolism and morphologic features of the thyroid glands of mouse lines C3H and C57BL under normal conditions and under the influence of

thyroidin and methylthiouracil] Skamkov ME, et al. **Biull Eksp Biol Med 67:104-6, Feb 69 (Rus)**

[On the toxicological evaluation of ammonium perchlorate as an antithyroid preparation] Selivanova LN. **Farmakol Toksik 32:331-3, May-Jun 69 (Rus)**

[Comparison of antithyroid and teratogenic activity of some hypoglycemic sulfanilamides] Bariliak IR. **Probl Endokr (Moskva) 14:89-94, Nov-Dec 68 (Rus)**

[The effect of male sex hormones on the thyroid gland function in hypogonadism and Kleinfelter's syndrome] Starkova NT, et al. **Probl Endokr (Moskva) 14:23-9, Jul-Aug 68 (Rus)**

[Pathomorphologic changes of the heart muscle in hypo-and athyroidism] Zhukova NI. **Probl Endokr (Moskva) 13:92-6, May-Jun 67 (Rus)**

[The effect of iodine on the thyroid gland when introduced into the organism by various means] Evdokimova LI. **Vrach Delo 6:79-81, Jun 69 (Rus)**

[Use of iodine 131 in the treatment of non-thyroid diseases] Solsona F. **Rev Iber Endocr 16:217-22, May-Jun 69 (Spa)**

EMBRYOLOGY

Histochemical and electron microscopic studies on the thyroid gland of the human fetus. Daimon T, et al. **Bull Tokyo Dent Coll 10:71-95, May 69**

The importance of foetal physiology and endocrinology in obstetrics. Abramovich DR. **Med J Aust 2:408-11, 23 Aug 69**

Development of endocrine function in the human placenta and fetus (second of two parts). Villee DB. **New Eng J Med 281:533-41, 4 Sep 69 (63 ref.)**

On the problem of the development of the parafollicular cells from the human ultimobranchial body in prenatal life. Sugiyama S, et al. **Okajima Folia Anat Jap 46:59-63, Apr 69**

[A patient with struma baseos linguae and a branchiogenic cyst] Raaymakers EL. **Nederl T Geneesk 113:1496-9, 30 Aug 69 (Dut)**

ENZYMOLOGY

Quantitative changes of acid phosphatase in the hypothalamus, pituitary, adrenals, and thyroid of mice (Mus musculus L.) exposed to large, single doses of UV or x-rays, taking into account the circadian rhythm. Surowiak J. **Folia Biol (Krakow) 17:105-40, 1969**

Isoenzymes and population genetics of sorbit dehydrogenase (EC: 1.1.1.14) in swine (Sus scrofa). Op't Hof J. **Humangenetik 7:258-9, 1969**

Defective deiodinase activity and abnormal thyroidal iodoproteins. Thomson JA, et al. **J Clin Endocr 29:1259-60, Sep 69**

[Congenital goiter in the same family. Clinical biological, isotope study] Jaffiol C, et al. **Rev Franc Endocr Clin 10:57-65, Jan-Feb 69 (Fre)**

GROWTH & DEVELOPMENT

Thiol groups as a factor preventing senescence and stimulating growth processes in various organisms. Oeriu S, et al. **Rev Roum Physiol 5:273-8, 1968**

IMMUNOLOGY

Immunochemical identification of thyroglobulin fragments synthesized in vitro by bovine thyroid polyribosomes. Salabe G, et al. **Endocrinology 85:752-62, Oct 69**

Can LATS be detected by immunofluorescence? Beall GN, et al. **J Clin Endocr 29:1114-6, Aug 69**

[The investigations of antithyroid antibodies in pregnant women] Roszkowski I, et al. **Ginek Pol 40:751-3, Jul 69 (Pol)**

INJURIES

[Tracheotomy in hospital practice] Bolla A, et al. **Ann Otolaryng (Paris) 86:407-8, Jun 69 (Fre)**

INNERVATION

[Consequences of right cervical sympathectomy on thyroid and adrenals in castrated rats] Kraemer H, et al. **J Physiol (Paris) 60:Suppl 2:478, 1968 (Fre)**

[Nerve fibers of the thyroid gland in the growth of various tumor strains] Korolenko AS. **Probl Endokr (Moskva) 13:86-92, May-Jun 67 (Rus)**

METABOLISM

Effect of experimentally induced thyroiditis on biosynthesis of thyroxine in rats. Gorman CA, et al. **Acta Endocr (Kobenhavn) 62:11-20, Sep 69**

Propranolol and the utilization of radioiodine by the human thyroid gland. Hadden DR, et al. **Acta Endocr (Kobenhavn) 61:393-9, Jul 69**

Mechanism of goitorogenesis by very low doses of propylthiouracil and the role of iodine intake. Herrera E, et al. **Acta Endocr (Kobenhavn) 59:529-44, Dec 68**

Studies on the antithyroid activity of naturally occurring L-5-vinyl-2-thiooxazolidone and its urinary metabolite in rats. Langer P, et al. **Acta Endocr (Kobenhavn) 62:21-30, Sep 69**

The influence of iodine in thyroid iodine accumulation and turnover in euthyroid Australian subjects. Myhill J, et al. **Acta Endocr (Kobenhavn) 62:1-10, Sep 69**

Thyroglobulin synthesis in a thyroid polyribosomal cell-free system. Nayer P de, et al. **Biochem Biophys Res Commun 36:639-46, 15 Aug 69**

Biosynthesis of thyroglobulin. Incorporation of [1-14C] galactose, [1-14C] manose and [4,5-3H2] leucine into soluble proteins by rat thyroids in vitro. Herscovics A. **Biochem J 112:709-19, May 69**

The subcellular distribution of 32P-labelled phospholipids, 32P-labelled ribonucleic acid and 125I-labelled odoprotein in pig thyroid slices. Effect in vitro of thyrotrophic hormone and dibutyryl-3',5'-(cyclic)-adeosine onophosphate. Kerkof PR, et al. **Biochem J 112:729-39, May 69**

Effect of actinomycin D on the uptake of radioiodine by thyroidal and extrathyroidal tissues. I. Shah DH, et al. **Biochem Pharmacol 18:1487-93, Jun 69**

Recovery of thyroid hormone biosynthesis after a single injection of methylthiouracil as judged by thyroidal radioiodine uptake, thyroidal protein-bound iodine, thyroidal radioiodinated amino acids and thyroglobulin in the rat. Sugita Y, et al. **Endocr Jap 16:21-8, Feb 69**

Fate of iodide derived from intrathyroidal hyrolysis of thyroglobulin. Greer MA, et al. **Endocrinology 85:837-45, Nov 69**

Functional alterations in rat thyroid ribosomes. Grief RL, et al. **Endocrinology 85:855-60, Nov 69**

Effect of cyclic 3',5'-AMP on glucose metabolism in thyroid homogenates. Macchia V, et al. **Endocrinology 85:895-8, Nov 69**

Immunochemical identification of thyroglobulin fragments synthesized in vitro by bovine thyroid polyribosomes. Salabe G, et al. **Endocrinology 85:752-62, Oct 69**

Biochemical aspects of depression. Coppen AJ. **Int Psychiat Clin 6:53-81, 1969**

Radioautographic visualization of the incorporation of [3H] mannose and [3H] galactose into thyroglobulin by follicular cells of rat thyroids in vitro. Whur P, et al. **J Anat 104:582, May 69**

Effects of thyrotropin on thyroidal phospholipid and adenosine 5'-triphosphate metabolism. Schneider PB. **J Biol Chem 244:4490-3, 25 Aug 69**

Defective deiodinase activity and abnormal thyroidal iodoproteins. Thomson JA, et al. **J Clin Endocr 29:1259-60, Sep 69**

Inhibition of iodotyrosine formation by analogs of tyrosine. Degroot LJ, et al. **J Lab Clin Med 74:257-64, Aug 69**

Loss of pertechnetate from the human thyroid. Shimmins JG, et al. **J Nucl Med 10:637-40, Oct 69**

Melatonin and its precursors' effects on 131-I uptake by the thyroid gland under different photic conditions. De Prospo ND, et al. **Life Sci 8:837-42, 1 Aug 69**

Effects of cortisone on thyroidal iodine uptake in hypophysectomized, nephrectomized rats. McHugh WB, et al. **Proc Soc Exp Biol Med 131:1417-9, Sep 69**

Selective uptake of radionuclides as a basis for tumor detection. Sanders TP, et al. **Radiol Clin N Amer 7:257-64, Aug 69**

[Thyroid gland function in women with repeated spontaneous aborions] Soumar J, et al. **Z Geburtsh Gynaek 170:242-51, 1969**

Cytoplasmic fluorescence of thyroid follicle cells after incubation with thyroid stimulating hormone. Vanhaelst L, et al. **Z Ges Exp Med 150:1-6, 1969**

Iodine metabolism of the endostyle of larval lampreys, Ammocoetes of Lampetra japonica. Electron microscopic autoradiography of 125-I. Fujita H, et al. **Z Zellforsch 98:525-37, 1969**

[Research on the benzofuran series. XXXVII. Comparative study of transit and metabolism of

amiodarone in different species of animals and humans] Broekhuysen J, et al.
Arch Int Pharmacodyn 177:340-59, Feb 69 (Fre)
[Synthesis of peptides in a cell-free thyroid system] De Nayer P, et al. Arch Int Physiol 77:373-4, May 69 (Fre)
[Effect of thyrotropic hormone on the carbohydrate metabolism of human thyroid slices in vitro] Otten J.
Arch Int Physiol 77:395-6, May 69 (Fre)
[Capture of thyroglobulin by swine thyroid slices. Attempt to determine subcellular localization] Vandenbroucke MF, et al.
Arch Int Physiol 76:958, Dec 68 (Fre)
[Seasonal variations of basal metabolism and thyroid in Microtus] Rigaudière N.
Arch Sci Physiol (Paris) 23:215-42, 1969 (Fre)
[Action of TSH on the biosynthesis of RNA in fetal rat thyroid in organ culture] Imbenotte J, et al.
Bull Soc Chim Biol (Paris) 51:428-32, 26 Jun 69 (Fre)
[Qualitative data on hormone synthesis of auto- and homplastic thyroid grafts implanted in the testis of thyroid-deficient guinea pigs] Fabre M, et al.
C R Soc Biol (Paris) 163:197-200, 1969 (Fre)
[Study of the fixation and dehalogenation of tyrosyl-tyrosine tetraiodide labeled with iodine 125] Michelot J, et al.
C R Soc Biol (Paris) 163:132-6, 1969 (Fre)
[Study of the absorption, fixation, and elimination of diiodobuphenine labeled with iodine 125] Veyre A, et al. C R Soc Biol (Paris) 163:136-41, 1969 (Fre)
[Consequences of right cervical sympathectomy on thyroid and adrenals in castrated rats] Kraemer H, et al. J Physiol (Paris) 60:Suppl 2:478, 1968 (Fre)
[Comparative study of the thyroid uptake curves for radioactive iodine and labelled hormonal iodine during the triiodothyronine suppression test (Werner test). Apropos of 100 tests] Jaffiol C, et al.
Rev Franc Endocr Clin 10:31-56, Jan-Feb 69 (Fre)
[Relations between protein nutrition, rate of thyroid gland secretion and some enzyme activity values] Bergner H, et al.
Acta Biol Med German 21:683-6, 1968 (Ger)
[The influence of the thyroid gland state on enzyme activity of glycogen metabolism of the rat skeletal muscles] Krause EG, et al.
Acta Biol Med German 21:615-24, 1968 (Ger)
[On histotopography of iodine metabolism in endemic goiters and in healthy thyroid glands] Riccabona G, et al. Acta Endocr (Kobenhavn) 59:564-72, Dec 68 (Ger)
[Studies on the protein-bound iodine in the serum during normal pregnancy] Dokumov S, et al.
Z Geburtsh Gynaek 170:222-30, 1969 (Ger)
[Histofunctional changes in the thyroid gland in cows related to sexual function] Cheremisinov GA.
Veterinariia 44:88-90, Feb 67 (Rus)
[A study of the routes of penetration of diphtheria anatoxin into the body following intranasal instillation] Karal' FR, et al.
Zh Mikrobiol 46:53-6, May 69 (Rus)

MICROBIOLOGY

Transmission experiments with kuru in chimpanzees and the isolation of latent viruses from the explanted tissues of affected animals. Gajdusek DC, et al.
Ann NY Acad Sci 162:529-50, 3 Jul 69

PATHOLOGY

Comparison and analysis of the results of cytodiagnosis and frozen sections during operation. Sakai Y, et al.
Acta Cytol (Balt) 13:359-68, Jun 69
Effect of experimentally induced thyroiditis on biosynthesis of thyroxine in rats. Gorman CA, et al.
Acta Endocr (Kobenhavn) 62:11-20, Sep 69
Studies on fibrinolytic activities of both bone marrow blood and peripheral blood in an autopsy case of chloroma. Matsuoka M, et al.
Acta Med Biol (Niigata) 17:39-47, Jun 69
Fine structure of the thyroid parafollicular cells in normal, vitamin D and CaCl2-treated, and CaCl2-treated mice. Nanba H, et al.
Arch Histol Jap 30:283-93, Apr 69
Disseminated visceral primary candidiasis. Camponovo RL. Arizona Med 26:580-3, Jul 69
Acute haemorrhage into the thyroid gland following trauma and causing respiratory distress. Grace RH, et al. Brit J Surg 56:635-7, Aug 69
The course of radiation disease in hyper-and hypothyreotic rats. Siebodziński A, et al.
Folia Biol (Krakow) 17:145-58, 1969
Effect of carbaryl on the neuroendocrine system of rats. Shtenberg AI, et al.
Food Cosmet Toxic 6:461-7, Dec 68
Lingual thyroid: report of a case and review of the literature. Cheah JS, et al.
Med J Aust 2:403-6, 23 Aug 69
Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 40-1969.
New Eng J Med 281:783-91, 2 Oct 69
[Congenital hypothyroidism due to a type I hormonogenesis disorder. (3 cases in the same family and literature review)] Marie J, et al.
Ann Pediat (Paris) 16:424-36, Jun-Jul 69 (Fre)
[Treatment of Basedow hyperthyroidism by protracted doses of radioactive iodine] Reboul J, et al.
Sem Hop Paris 45:1884-94, 8 Jun 69 (Fre)
[Takayasu's arteritis and Riedel's struma] Piroth M, et al. Arch Klin Med 216:105-15, 1969 (Ger)
[To the question of a generalized blastomatosis (carcinoidomatosis) of the "helle zellen" system] Dirschmid K. Beitr Path Anat 139:187-98, 1969 (Ger)
[Indications for the resection of benign goiter] Bünte H. Med Mschr 23:154-7, Apr 69 (Ger)
[Dermatomyositis] Strukov AI, et al.
Arkh Pat 30:3-12, 1968 (43 ref.) (Rus)
[Comparison of antithyroid and teratogenic activity of some hypoglycemic sulfanilamides] Bariliak IR.
Probl Endokr (Moskva) 14:89-94, Nov-Dec 68 (Rus)
[Immuno-morphological comparisons in toxic goiter] Bomash NIu, et al.
Probl Endokr (Moskva) 15:7-12, May-Jun 69 (Rus)
[Early morphological changes of throid lan transplanted into the cheek pouch of golden hamser] Chernozemski IN, et al.
Probl Endokr (Moskva) 15:77-83, Jan-Feb 69 (Rus)
[Nerve fibers of the thyroid gland in the growth of various tumor strains] Koroienko AS.
Probl Endokr (Moskva) 13:86-92, May-Jun 67 (Rus)

PHYSIOLOGY

The influence of iodine in thyroid iodine accumulation and turnover in euthyroid Australian subjects. Myhill J, et al. Acta Endocr (Kobenhavn) 62:1-10, Sep 69
Mechanisms of Graves' disease and endocrine exophthalmos. Anderson DR.
Amer J Ophthal 68:46-57, Jul 69 (131 ref.)
The effect of neonatal thyroidectomy on myelination in the rat brain. Balázs R, et al.
Brain Res 15:219-32, Sep 69
The role of sex and iodine deficiency in the growth and function of the rat thyroid transplantable tumor. Matovinovic J, et al. Cancer Res 29:1398-406, Jul 69
The effect of thyroidectomy and parathyroidectomy in the remodelling of bone defects in adult dogs. Detenbeck LC, et al.
Clin Orthop 65:199-202, Jul-Aug 69
Effects of actinomycin D on the thyroid. Deodhar SD, et al. Endocrinology 85:629-37, Oct 69
Thyroid function in chronic excess iodide ingestion: release of inorganic iodide from thyroid gland in response to chronic iodide administration. Nagataki S, et al. Endocrinology 85:899-908, Nov 69
Endocrine influence on urinary 5-hydroxyindoleacetic acid output in the rat. Abdel-Aziz A.
Europ J Pharmacol 7:49-55, Jul 69
Maintenance of thyroid activity with some steroids in hypophysectomized and gonadectomized catfish, Mystus vittatus (Bloch). Singh TP.
Experientia 25:431, 15 Apr 69
Parameters of thyroid function in maternal and cord serum at term pregnancy. Robin NI, et al.
J Clin Endocr 29:1276-80, Sep 69
The effect of thyroid function on hemoglobin differentiation in the chick. Atherton RW.
J Embryol Exp Morph 22:99-105, Aug 69
The effect of thyroidectomy and thyroparathyroidectomy on the accretion of phosphorus into the skeleton of young goats. Symonds HW. Res Vet Sci 10:218-21, Mar 69
Thyrocalcitonin: evidence for physiological function. Gray TKMUNSON PL. Science 166:512-3, 24 Oct 69
The anterior pituitary of the Japanese quail, Coturnix coturnix japonica. The cytological effects of photoperiodic stimulation. Tixier-Vidal A, et al.
Z Zellforsch 92:610-35, 1968
[New data on seasonal endocrine cycles] Delost P.
J Physiol (Paris) 60:Suppl 2:356, 1968 (Fre)
[Thyroid-noradrenaline interaction on metabolism]

Villemaire A, et al.
J Physiol (Paris) 60:Suppl 2:381, 1968 (Fre)
[Effects of the functional state of the thyroid gland on the metabolism of estrogens in the microsome fraction of rat liver] Lehmann WD, et al.
Acta Endocr (Kobenhavn) 61:461-76, Jul 69 (Ger)
[The thyroid gland and anesthesia] Simone M, et al.
Acta Anaesth (Padova) 19:Suppl 4:145+, 1968 (124 ref.) (Ita)
[Contribution to the knowledge of the correlations between the olfactory bulbs and the neuroendocrine system. II. Histomorphological changes of the hypothalamo-neurophyophysial system and of some endocrine glands of the rat exposed to removal of the olfactory bulbs in the prepuberal period] Tessitore V, et al. Boll Soc Ital Biol Sper 44:1804-7, 15 Nov 68 (Ita)
[Nipiopharmacology of thyroid hormones, thyreotrope hormone, hormones of the neuro-hypophisis and serotonin] Cao A.
Minerva Nipiol 17:238-94, Nov-Dec 67 (999 ref.) (Ita)
[Serial studies of thyroid function. The value of photomotography] Gjessing LR, et al.
T Norsk Laegeforen 89:1021-3, 15 Jun 69 (Nor)
[The influence of the thyroid gland on intestinal absorption of sterols] Haluszka J.
Folia Med Cracov 10:691-706, 1968 (Pol)
[On the reaction of the hypothalamo-hypophyseal neurosecretory system (HHNS) of dogs with experimental arteriosclerosis to the administration of adrenaline] Bogdanovich NK, et al.
Arkh Pat 30:8-14, 1968 (Rus)
[The effect of sex gland stimulation on regeneration of the thyroid gland] Miroinichenko EV.
Biull Eksp Biol Med 67:87-90, Mar 69 (Rus)
[Physiology of the thyroid gland] Alp H.
Turk Tip Cem Mec 35:211-3, Apr 69 (Tur)
[Study of thyroid function] Urgancioğlu I.
Turk Tip Cem Mec 35:214-20, Apr 69 (Tur)

PHYSIOPATHOLOGY

Lithium and thyroid function. Reply. Fieve RR, et al.
Amer J Psychiat 125:1133, Feb 69
Diminished thyroidal activity in chicks in response to lysine deficiency. Pastro KR, et al.
Canad J Physiol Pharmacol 47:645-7, Jul 69
The role of sex and iodine deficiency in the growth and function of the rat thyroid transplantable tumor. Matovinovic J, et al. Cancer Res 29:1398-406, Jul 69
Plasma glycerol and glycerol turnover during treatment of hyperthyroidism. Tibbling G, et al.
Clin Chim Acta 25:189-98, Aug 69
Thyroid function investigation by means of I-131 in acne vulgaris and in seborrheic dermatitis. Andreassi L, et al. Dermatologica (Basel) 139:69-75, 1969
The course of radiation disease in hyper-and hypothyreotic rats. Siebodziński A, et al.
Folia Biol (Krakow) 17:145-58, 1969
Influence of pituitary stalk section on growth hormone, insulin and TSH secretion in women with metastatc breast cancer. Antony GJ, et al.
J Clin Endocr 29:1238-50, Sep 69
[Effects of the functional state of the thyroid gland on the metabolism of estrogens in the microsome fraction of rat liver] Lehmann WD, et al.
Acta Endocr (Kobenhavn) 61:461-76, Jul 69 (Ger)
[Continued clinical studies on the question of toxicity of prolonged administrations of cyclamate in the patients with liver and kidney diseases] Zöllner N, et al. Arzneimitteiforschung 19:913-20, Jun 69 (Ger)
[On the thyroid gland function of the rat after feeding with a tocopherol- and ubiquinone-deficient diet. 3. Morphological normalization of the thyroid gland by tocopherols, quinones and related substances] Bläser S, et al.
Int Z Vitaminforsch 39:163-7, 1969 (Ger)
[Thyroid gland function in diabetes] Schieche M, et al.
Z Ges Inn Med 24:307-8, 15 May 69 (Ger)
[The thyroid gland and anesthesia] Simone M, et al.
Acta Anaesth (Padova) 19:Suppl 4:145+, 1968 (124 ref.) (Ita)
[Comparative results of the study of the thyroid gland and androgen function of the adrnal cortex in patients with hypertensive disease] Kolbasova AN.
Kardiologiia 9:126-8, Apr 69 (Rus)
[Basic directions in the study of arteriosclerosis (according to the data of the A. L. Miasnikov Institute of Cardiology)] Miasnikov LA.
Kardiologiia 7:119-24, Nov 67 (Rus)
[Functional activity of the thyroid gland in cancer and precancerous diseases of the breast] Arber IN.
Klin Khir (Kiev) 11:30-3, Nov 67 (Rus)
[Functional state of the thyroid gland in hypogonadism] Alekseev LG.
Probl Endokr (Moskva) 14:33-6, May-Jun 68 (Rus)
[Blood serum protein fractions in the patients with disturbed thyroid gland function] Balen SA, et al.
Probl Endokr (Moskva) 13:26-30, May-Jun 67 (Rus)
[The thyroid gland function at remote periods after I-131 treatment of patients with thyrotoxicosis] Dybovyĭ ED, et al.
Probl Endokr (Moskva) 13:8-22, May-Jun 67 (Rus)
[The objective recording of the vascular murmur over the thyroid gland in thyrotoxicosis] Greĭser AE, et al.
Probl Endokr (Moskva) 15:37-40, Mar-Apr 69 (Rus)
[Dynamic aspects of the thyroid gland scanning method] Kukharskaia EP.
Probl Endokr (Moskva) 14:37-41, May-Jun 68 (Rus)
[The effect of male sex hormones on the thyroid gland function in hypogonadism and Kleinfelter's syndrome] Starkova NT, et al.
Probl Endokr (Moskva) 14:23-9, Jul-Aug 68 (Rus)
[Effect of protein blood substitutes on the functional activity of the thyroid gland in thyreotoxicosis] Korvatskiĭ BG. Vrach Delo 5:93-5, May 67 (Rus)

RADIATION EFFECTS

Effect of large doses of radioiodine on thyroid function. 3. The iodoproteins of the thyroid gland. Djurdjević D, et al. Acta Endocr (Kobenhavn) 60:281-6, Feb 69
Effect of large doses of radioiodine on thyroid function. IV. Iodoproteins in blood. Jovanović M, et al.
Acta Endocr (Kobenhavn) 60:287-93, Feb 69
The course of radiation disease in hyper-and hypothyreotic rats. Siebodziński A, et al.
Folia Biol (Krakow) 17:145-58, 1969
Electron microscopy of the normal and I-131 treated thyroid gland of the newt, Notophthalmus viridescens. Hearing VJ, et al.
J Morph 128:369-85, Jul 69
Effect of light and darkness upon thyroid secretion rate and on the endocrine glands of female rats. Singh DV, et al. Proc Soc Exp Biol Med 131:1296-9, Sep 69
Effects of radioiodine in sheep and swine. BNWL-714. Karagianes MT, et al.
US AEC Battelle Northwest 5.3-5+, May 68
[Treatment of Basedow hyperthyroidism by protracted doses of radioactive iodine] Reboul J, et al.
Sem Hop Paris 45:1884-94, 8 Jun 69 (Fre)
[Thymectomy and X-ray irradiation of the thyroid gland in children with acute leukemia in the period of remission] Surkovich SV, et al.
Pediatriia 48:30-4, May 69 (Rus)

SECRETION

Histochemical and electron microscopic studies on the thyroid gland of the human fetus. Daimon T, et al.
Bull Tokyo Dent Coll 10:71-95, May 69
A model of the normal thyroid hormone glandular secretion mechanism. DiStefano JJ 3d.
J Theor Biol 22:412-7, Mar 69
[The role of paraventricular nuclei of the anterior hypothalamus of rats in the regulation of thyroid hormone secretion] Samsonova VM.
Probl Endokr (Moskva) 15:76-9, May-Jun 69 (Rus)
[The significance of paraventricular nuclei of the hypothalamus in the regulation of hormone formation in the thyroid gland] Samsonova VM.
Probl Endokr (Moskva) 15:65-70, Mar-Apr 69 (Rus)

SURGERY

[Surgical methods of treatment in vocal cord paralysis] Kornmesser HJ.
Munchen Med Wschr 111:1798-802, 5 Sep 69 (Ger)

TRANSPLANTATION

ACTH secretion from the pituitary transplanted in apposition with the adrenal cortex under the renal capsule. Ishikawa H, et al. Endocr Jap 16:331-49, Jun 69
[Qualitative data on hormone synthesis of auto- and homplastic thyroid grafts implanted in the testis of thyroid-deficient guinea pigs] Fabre M, et al.
C R Soc Biol (Paris) 163:197-200, 1969 (Fre)
[Early morphological changes of throid lan transplanted into the cheek pouch of golden hamser]

Chernozemski IN, et al.
Probl Endokr (Moskva) 15:77-83, Jan-Feb 69 (Rus)

THYROID GLAND FUNCTION TESTS

Influence of chlorophenoxyisobutyrate (CPIB) on thyroid parameters. Hansen JM.
Acta Endocr (Kobenhavn) 60:294-302, Feb 69
Free thyroxine in serum and its use in clinical diagnosis. Liewendahl K, et al.
Acta Endocr (Kobenhavn) 61:343-58, Jun 69
Familial elevation of serum thyroxine-binding globulin capacity. Siersbaek-Nielsen K, et al.
Acta Endocr (Kobenhavn) 60:130-6, Jan 69
Mechanisms of Graves' disease and endocrine exophthalmos. Anderson DR.
Amer J Ophthal 68:46-57, Jul 69 (131 ref.)
Lithium and thyroid function. Reply. Fieve RR, et al.
Amer J Psychiat 125:1133, Feb 69
Simplification of determination of serum thyroxine iodine by competitive binding analysis. Nusynowitz ML, et al. Amer J Roentgen 106:791-3, Aug 69
Irizarry S: Thyroid scanning in carcinoma of the thyroid gland. Lanaro AE.
Bol Asoc Med P Rico 59:407-13, Oct 67
Diminished thyroidal activity in chicks in response to lysine deficiency. Pastro KR, et al.
Canad J Physiol Pharmacol 47:645-7, Jul 69
Recent advances in the diagnosis of the diseases of the thyroid. Rall JE.
Clin Chim Acta 25:339-44, Aug 69 (16 ref.)
Plasma glycerol and glycerol turnover during treatment of hyperthyroidism. Tibbling G, et al.
Clin Chim Acta 25:189-98, Aug 69
Thyroid function investigation by means of I-131 in acne vulgaris and in seborrheic dermatitis. Andreassi L, et al. Dermatologica (Basel) 139:69-75, 1969
Bilateral exophthalmic ophthalmoplegia. A case report. Scarlato G, et al. Europ Neurol 2:285-95, 1969
Parameters of thyroid function in maternal and cord serum at term pregnancy. Robin NI, et al.
J Clin Endocr 29:1276-80, Sep 69
Influence of heparin on serum free thyroxine. Schatz DL, et al. J Clin Endocr 29:1015-22, Aug 69
Study of possible factors inducing hypothyroidism after I-131 treatment in hyperthyroidism. Chen FW.
J Formosan Med Ass 68:63-79, 28 Feb 69
The ankle-jerk and thyroid activity.
Lancet 2:257-8, 2 Aug 69
Radionuclide dosimetry. Mitchell TG.
Radiol Clin N Amer 7:195-205, Aug 69
Changes in the ankle jerk time in the course of radiothyroidectomy and the treatment of subsequent hypothyroidism. Váňa S, et al.
Rev Franc Etud Clin Biol 14:380-3, Apr 69
Changes in the ankle jerk time during the course of radioiodine treatment of hyperthyroidism. Zamrazil V, et al. Rev Franc Etud Clin Biol 14:377-80, Apr 69
[Thyroid gland function in women with repeated spontaneous abortions] Soumar J, et al.
Z Geburtsh Gynaek 170:242-51, 1969
[Goiter and thyroid cancer] Scazziga BR.
Praxis 57:1650-5, 26 Nov 68 (Fre)
[Comparative study of the thyroid uptake curves for radioactive iodine and labelled hormonal iodine during the triiodothyronine suppression test (Werner test). Apropos of 100 tests] Jaffiol C, et al.
Rev Franc Endocr Clin 10:31-56, Jan-Feb 69 (Fre)
[Hydroxyproline determination in the urine for diagnosis of thyroid function] Langness U, et al.
Med Klin 64:1111-4, 13 Jun 69 (Ger)
[Classification of the malignant struma and its combined treatment] Röher HD.
Med Welt 26:1480-4, 28 Jun 69 (Ger)
[Beta-receptor blocking agents in the preparation for surgery in hyperthyroidism] Dichti K, et al.
Wien Med Wschr 119:476-80, 21 Jun 69 (Ger)
[Follow-up studies in 300 strumectomized patients] Fleischhacker H, et al.
Wien Med Wschr 119:512-4, 5 Jul 69 (Ger)
[Changes in thyroid function after administration of aminoglutethimide] Balli F, et al.
Clin Pediat (Bologna) 50:866-72, Dec 68 (Ita)
[Toxic adenoma of the thyroid (study of 120 cases)] Papalia D, et al.
Folia Endocr (Roma) 21:501-28, Aug 68 (Ita)
[The inhibition test of thyroid function with triiodothyronine in hyperthyroid patients under medical therapy: comparison of the values obtained from measures of "early" uptake and in the organic phase] Valentini F, et al.
Folia Endocr (Roma) 21:396-403, Aug 68 (Ita)
[Findings on induced hypercalcemia in hypothyroid patients] Iafusco F, et al.
Pediatria (Napoli) 75:874-81, 31 Dec 67 (Ita)
[Clinical study of goiter (with normal thyroid function) in children, with special reference to chronic thyroiditis in children] Fujimori M.
Acta Paediat Jap 73:223-35, 1 Feb 69 (Jap)
[Studies on Tetrasorb-125] Heki N, et al.
Clin Endocr (Tokyo) 17:441-7, May 69 (Jap)
[Serial studies of thyroid function. The value of photomotography] Gjessing LR, et al.
T Norsk Laegeforen 89:1021-3, 15 Jun 69 (Nor)
[Thyroid functio in circulatory failure in the aged] Halawa B, et al. Pol Tyg Lek 24:629-31, 28 Apr 69 (Pol)
[Progeria: case repo with progressive systemic sclerotic manifestations since birth] Marcondes E, et al.
Rev Hosp Clin Fac Med S Paulo 24:147-54, Mar-Apr 69 (Por)
[On the toxicological evaluation of ammonium perchlorate as an antithyroid preparation] Selivanova LN. Farmakol Toksik 32:331-3, May-Jun 69 (Rus)
[On the problem of complex study of functional condition of thyroid gland] Kasatkin IuN, et al.
Lab Delo 10:593-5, 1968 (Rus)
[The thyroid gland function at remote periods after I-131 treatment of patients with thyrotoxicosis] Dybovyĭ ED, et al.
Probl Endokr (Moskva) 13:8-22, May-Jun 67 (Rus)
[Effect of protein blood substitutes on the functional activity of the thyroid gland in thyreotoxicosis] Korvatskiĭ BG. Vrach Delo 5:93-5, May 67 (Rus)
[Study of thyroid function] Urgancioğlu I.
Turk Tip Cem Mec 35:214-20, Apr 69 (Tur)

THYROIDECTOMY

Carcinoma of the thyroid gland. An account of 116 operated cases. Bergfelt G, et al.
Acta Chir Scand 135:127-32, 1969
Chromophobe pituitary adenoma with acromegaly and TSH-induced hyperthyroidism associated with parathyroid adenoma. Acromegaly and parathyroid adenoma. Lamberg BA, et al.
Acta Endocr (Kobenhavn) 60:157-72, Jan 69
Total thyroidectomy in the management of thyrotoxic and euthyroid Graves' disease. Catz B, et al.
Amer J Surg 118:434-9, Sep 69
Effect of excess L-thyroxine on the hypothalamus of thyroidectomized rat. Talanti S.
Ann Med Exp Biol Fenn 46:132-6, 1968
The effect of neonatal thyroidectomy on myelination in the rat brain. Balázs R, et al.
Brain Res 15:219-32, Sep 69
The effect of thyroidectomy and parathyroidectomy in the remodelling of bone defects in adult dogs. Detenbeck LC, et al.
Clin Orthop 65:199-202, Jul-Aug 69
Changes in lactate dehydrogenase isozyme patterns of rat anterior pituitary in varied thyroid states. Matsuzaki S, et al. Endocr Jap 16:301-8, Jun 69
Identification of the thyrotrophs with the gonadotrophs in the anterior pituitaries of thyroidectomized rats. Yoshimura F, et al.
Endocr Jap 16:69-85, Feb 69
I131 treatment for toxic diffuse goiter: analysis of 1056 cured cases. Yang HF, et al.
J Formosan Med Ass 68:94-105, 28 Feb 69
Experience with the treatment of primary thyrotoxicosis. Udupa KN, et al.
J Indian Med Ass 52:416-7, 1 May 69
Treatment of hyperthyroidism. Hershman JM.
Mod Treatm 6:497-515, May 69
Review of thyroid carcinomas in the United Cardiff Hospitals. Wade JS. Proc Roy Soc Med 62:812-4, Aug 69
The effect of thyroidectomy and thyroparathyroidectomy on the accretion of phosphorus into the skeleton of young goats. Symonds HW. Res Vet Sci 10:218-21, Mar 69
Changes in the ankle jerk time in the course of radiothyroidectomy and the treatment of subsequent hypothyroidism. Váňa S, et al.
Rev Franc Etud Clin Biol 14:380-3, Apr 69
Thyrocalcitonin: evidence for physiological function. Gray TKMUNSON PL. Science 166:512-3, 24 Oct 69
Multicentricity and management of well differentiated carcinoma in the thyroid. Tan KK.
Singapore Med J 10:117-20, Jun 69

Familial goiter with dimished synthesis of thyroglobulin. Riddick FA Jr, et al.
Z Ges Exp Med 150:203-12, 1969

[Results of therapy of thyrotoxicosis with radioactive iodine from the viewpoint of complications and dosimetry] Röhling S, et al.
Cas Lek Cesk 108:1043-9, Jul 69 (Cze)

[Thyroid-noradrenaline interaction on metabolism] Villemaire A, et al.
J Physiol (Paris) 60:Suppl 2:381, 1968 (Fre)

[On a typical case of thyroid medullary carcinoma with demonstrated calcitonin hypersecretion] Gilbert-Dreyfus, et al.
Rev Franc Endocr Clin 10:205-19, May-Jun 69 (Fre)

[Considerations on the treatment of thyroid cancer] Dargent M. Sem Hop Paris 43:1949-58, 20 Jun 67 (Fre)

[Therapy of thyrotoxicosis]
Helv Med Acta Suppl 48:63+, May 68 (Ger)

[Classification of the malignant struma and its combined treatment] Röher HD.
Med Welt 26:1480-4, 28 Jun 69 (Ger)

[Follow-up studies in 300 strumectomized patients] Fleischhacker H, et al.
Wien Med Wschr 119:512-4, 5 Jul 69 (Ger)

[The thyroid gland and anesthesia] Simone M, et al.
Acta Anaesth (Padova) 19:Suppl 4:145+, 1968 (124 ref.) (Ita)

[Toxic adenoma of the thyroid (study of 120 cases)] Papalia D, et al.
Folia Endocr (Roma) 21:501-28, Aug 68 (Ita)

[Clinicopathological studies on small cell carcinoma of the thyroid] Murata T.
Folia Endocr Jap 45:80-90, 20 Apr 69 (Jap)

[Key points of hemostasis. 4] Fukukei I.
Surg Ther (Osaka) 20:455-62, Apr 69 (Jap)

[The influence of the thyroid gland on intestinal absorption of sterols] Haluszka J.
Folia Med Cracov 10:691-706, 1968 (Pol)

[Hashimoto's thyroiditis. (Apropos of 17 cases)] Chifan M, et al.
Rev Medicochir Iasi 73:375-80, Apr-Jun 69 (Rum)

[The effect of sex gland stimulation on regeneration of the thyroid gland] Miroinichenko EV.
Biull Eksp Biol Med 67:87-90, Mar 69 (Rus)

[Metabolism of the myocardium in experimental thyroxin toxicosis and after thyroidectomy] Stroev EA, et al. Kardiologiia 8:130-4, Nov 68 (Rus)

[The role of paraventricular nuclei of the anterior hypothalamus of rats in the regulation of thyroid hormone secretion] Samsonova VM.
Probl Endokr (Moskva) 15:76-9, May-Jun 69 (Rus)

[The significance of paraventricular nuclei of the hypothalamus in the regulation of hormone formation in the thyroid gland] Samsonova VM.
Probl Endokr (Moskva) 15:65-70, Mar-Apr 69 (Rus)

[Pathomorphologic changes of the heart muscle in hypo-and athyroidism] Zhukova NI.
Probl Endokr (Moskva) 13:92-6, May-Jun 67 (Rus)

[Complex conservative treatment of thyreotoxic goiter] Grigor'ev PIa, et al.
Sovet Med 32:143-5, Jun 69 (Rus)

[Treatment of progressive endocrine ophthalmic diseases with total destruction of the thyroids] Gomez Morales A, et al.
Arch Oftal B Air 42:267-72, Sep 67 (Spa)

ADVERSE EFFECTS

Metastatic calcification of soft tissue on overdosage of vitamin D. Irnell L. Acta Med Scand 185:147-52, Mar 69

[Effect of thyroidectomy on the development of obesity] Feix C, et al. Sborn Lek 71:185-8, Jul 69 (Cze)

[Hypocalcemic encephalopathy with recurrent manifestations] Mouren P, et al.
Marseille Med 104:624-7, 1967 (Fre)

[Preparation of the surgical patient with acute respiratory insufficiency or chronic non-compensated respiratory insufficiency] Agostinis G.
Acta Anaesth (Padova) 19:Suppl 5:139-44, 1968 (Ita)

[Secondary hypoparathyroidism (clinical and metabolic studies on 1344 cases of thyroidectomy)] Molinatti GM, et al.
Folia Endocr (Roma) 21:447-58, Aug 68 (Ita)

[Role of autoimmune processes in the origin of postsurgical hypothreosis] Vasiukova EA, et al.
Eksp Khir Anest 13:88-91, Jul-Aug 68 (Rus)

ANNOUNCEMENT

CHANGE IN DISTRIBUTION OF

ENDOCRINOLOGY INDEX

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CRETINISM

[For child psychiatry] Heuyer G.
Sem Hop Paris 45:1527-32, 8 May 69 (Fre)

CLASSIFICATION

Variability in little people. Gardner LI.
JAMA 209:1528, 8 Sep 69

COMPLICATIONS

[Cryptothyroidism] Abe H, et al.
Naika 23:727-32, Apr 69 (Jap)

FAMILIAL & GENETIC

The genetics of thyroid disease. Fraser GR.
Progr Med Genet 6:89-115, 1969 (113 ref.)

GOITER

Thyroid nodules and cancer. Pittman JA Jr, et al.
Mod Treatm 6:534-49, May 69
[A case of intratracheal goiter] Goumaz CF.
Ann Otolaryng (Paris) 86:329-31, Jun 69 (Fre)
[Late sporadic goiter in adults, with dehalogenase enzyme deficiency. Clinical, biochemical, isotope study] Jaffiol C, et al.
Rev Franc Endocr Clin 10:67-71, Jan-Feb 69 (Fre)
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Munchen Med Wschr 111:1416-20, 20 Jun 69 (39 ref.) (Ger)
[Clinical study of goiter (with normal thyroid function) in children, with special reference to chronic thyroititis in children] Fujimori M.
Acta Paediat Jap 73:223-35, 1 Feb 69 (Jap)
[Autoimmune thyroiditis (pathogenesis, clinical picture, diagnosis and treatment)] Aleshin BV, et al.
Probl Endokr (Moskva) 14:113-7, Nov-Dec 68 (Rus)
[Gynecomastia in toxic goiter] Kliachko VR, et al.
Probl Endokr (Moskva) 14:32-6, Jul-Aug 68 (Rus)
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[Thyroid diseases and autoimmunity] Ilter G.
Turk Tip Cem Mec 35:221-6, Apr 69 (Tur)

BLOOD

[Absent biological demonstration of "long-acting thyroid stimulator" (LATS) in endemic euthyroid iodine deficiency goiters] Stelzer M, et al.
Munchen Med Wschr 111:1306-9, 6 Jun 69 (Ger)
[Determination of thyroglobulin content in toxic and euthyroid goiters with the aid of organospecific antithyroid phytoprecipitin] Artamonova-Krupnik SI.
Probl Endokr (Moskva) 14:39-43, Jul-Aug 68 (Rus)
[Disturbed body oxygen supply in patients with various forms of goiter according to blood gas findings] Kovalev MM, et al.
Probl Endokr (Moskva) 13:3-7, May-Jun 67 (Rus)
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Probl Endokr (Moskva) 15:10-3, Jan-Feb 69 (Rus)
[Changes in the content of sialic acids in the blood serum of patients with endemic goiter before and after the operation] Udod VM, et al.
Probl Endokr (Moskva) 14:45-7, May-Jun 68 (Rus)
[Rheumatism in combination with endemic goiter] Grigor'ian VA. Vrach Delo 10:62-4, Oct 67 (Rus)

CHEMICALLY INDUCED

Mechanism of goitorogenesis by very low doses of propylthiouracil and the role of iodine intake. Herrera E, et al. Acta Endocr (Kobenhavn) 59:529-44, Dec 68
Lithium and thyroid function. Reply. Fieve RR, et al.
Amer J Psychiat 125:1133, Feb 69
Lithium-induced thyroid disturbance: case report and review. Shopsin B, et al.
Compr Psychiat 10:215-23, May 69
Functional alterations in rat thyroid ribosomes. Grief RL, et al. Endocrinology 85:855-60, Nov 69
[Influence of estradiol on the antigoiter action of thyroid hormones] Sánchez López-Tello C.
J Physiol (Paris) 60:Suppl 2:538-9, 1968 (Fre)
[Recent studies on goiter in Spain] Sánchez Martin JA.
Munchen Med Wschr 111:1416-20, 20 Jun 69 (39 ref.) (Ger)
[Toxicological characteristic of dithiocarbamic acid derivatives used in the national economy and medicine. (Review)] Korablev MV.
Farmakol Toksik 32:356-62, May-Jun 69 (49 ref.) (Rus)

CLASSIFICATION

[Basedowified goiters] Gilbert-Dreyfus, et al.
Sem Hop Paris 43:1875-85, 14 Jun 67 (Fre)

COMPLICATIONS

Incidence of goiter in patients with Down's syndrome. Rauvaicaba RH, et al.
Amer J Dis Child 118:451-3, Sep 69
Hereditary deafness in man. Konigsmark BW.
New Eng J Med 281:827-32 concl, 9 Oct 69 (38 ref.)
[A case of intratracheal goiter] Goumaz CF.
Ann Otolaryng (Paris) 86:329-31, Jun 69 (Fre)
[Goiter and thyroid cancer] Scazziga BR.
Praxis 57:1650-5, 26 Nov 68 (Fre)
[Congenital goiter in the same family. Clinical biological, isotope study] Jaffiol C, et al.
Rev Franc Endocr Clin 10:57-65, Jan-Feb 69 (Fre)
[Association of a neurosis with simple goiter] Fischer Mello JT.
Bull Acad Nat Med (Paris) 151:441-50, 20 Jun 67 (Ita)
[Case of complete intramediastinal goiter with superior vena cava syndrome] Nishikawa M, et al.
Naika 23:963-6, May 69 (Jap)
[Surgical treatment of diffuse toxic goiter in patients with Down's disease] Titmov VN, et al.
Probl Endokr (Moskva) 15:64-5, May-Jun 69 (Rus)
[Estrogen excretion in patients with toxic goiter associated with gynecomastia] Zhizhina SA, et al.
Probl Endokr (Moskva) 15:16-8, Mar-Apr 69 (Rus)
[Effect of surgical trauma on the metabolism of vitamins B1 and B2 in patients with goiter] Tafintsev BF. Vestn Khir Grekov 99:55-7, Sep 67 (Rus)
[Rheumatism in combination with endemic goiter] Grigor'ian VA. Vrach Delo 10:62-4, Oct 67 (Rus)

CONGENITAL

Familial goiter with dimished synthesis of thyroglobulin. Riddick FA Jr, et al.
Z Ges Exp Med 150:203-12, 1969
[Neonatal goiter with secondary hypothyroidism due to absorption of iodides by the mother] Hooft C, et al.
Bruxelles Med 47:249-55, 5 Mar 67 (Fre)
[Congenital goiter in the same family. Clinical biological, isotope study] Jaffiol C, et al.
Rev Franc Endocr Clin 10:57-65, Jan-Feb 69 (Fre)
[Study of thyroid hormone synthesis in a patient with congenital goiter] Peyrin JO, et al.
Rev Franc Etud Clin Biol 14:459-65, May 69 (Fre)
[Congenital goiter] Almeida R de.
Rev Port Pediat 31:246-59, Sep-Oct 68 (Por)

DIAGNOSIS

Carcinoma of the thyroid gland. An account of 116 operated cases. Bergfelt G, et al.
Acta Chir Scand 135:127-32, 1969
Differentiation of malignant from benign lesions of the thyroid gland using complementary scanning with

75Selenomethionine and radioiodide, Thomas CG Jr, et al. Ann Surg 170:396-408, Sep 69
Thyroid nodule: some further comments. Frelick RW. Delaware Med J 41:225-6, Jul 69
[A case of intratracheal goiter] Goumaz CF. Ann Otolaryng (Paris) 86:329-31, Jun 69 (Fre)
[Numerical diagnosis of goiter] Bouckaert A. Nuclearmedizin 7:319-30, 31 Dec 68 (Fre)
[Goiter and thyroid cancer] Scazziga BR. Praxis 57:1650-5, 26 Nov 68 (Fre)
[Basedowified goiters] Gilbert-Dreyfus, et al. Sem Hop Paris 43:1875-85, 14 Jun 67 (Fre)
[Hydroxyproline determination in the urine for diagnosis of thyroid function] Langness U, et al. Med Klin 64:1111-4, 13 Jun 69 (Ger)
[Tracheal stenosis due to an unnoticed foreign body] Herbich J, et al. Mschr Ohrenheilk 103:300-7, 1969 (Ger)
[Recent studies on goiter in Spain] Sánchez Martin JA. Munchen Med Wschr 111:1416-20, 20 Jun 69 (39 ref.) (Ger)
[Chemodectoma of the thyroid gland simulating nodular goiter] Ermulovich IaV, et al. Probl Endokr (Moskva) 14:53-5, Nov-Dec 68 (Rus)
[Determination by various methods of the content of sialic acids in blood serum of patients with endemic goiter] Kuz'mak NI. Probl Endokr (Moskva) 15:10-3, Jan-Feb 69 (Rus)

DRUG THERAPY

Carcinoma of the thyroid with leptomeningeal dissemination following the treatment of a toxic goitre with 131-I and methyl thiouracil. Case with a co-existing intracranial dermoid. Barnard RO, et al. J Neurol Sci 8:299-306, Mar-Apr 69
[Thyroid diseases] Wijnbladh H. Svensk Tandlak T 62:27-32 contd, Jan 69 (Swe)

ETIOLOGY

Dietary iodine and goiter in Ceylon. Nutr Rev 27:108-10, Apr 69 (7 ref.)
Effect of thermal treatment on the content of goitrogenic substances in plant foods. Michajlovskij N, et al. Rev Czech Med 15:132-44, 1969
[Influence of estradiol on the antigoiter action of thyroid hormones] Sànchez López-Tello C. J Physiol (Paris) 60:Suppl 2:538-9, 1968 (Fre)
[Recent studies on goiter in Spain] Sánchez Martin JA. Munchen Med Wschr 111:1416-20, 20 Jun 69 (39 ref.) (Ger)
[Changes of some indices of tissue metabolism in rabbits fed with strumigens for prolonged periods (concerning the role of hypoxia in pathogenesis of goiter] Nesyn IN. Probl Endokr (Moskva) 14:80-3, Nov-Dec 68 (Rus)
[The role of natural cobalt content in food products in the etiology of endemic goiter] Oparin IA. Probl Endokr (Moskva) 15:26-7, Mar-Apr 69 (Rus)
[Surgery of the recurrent goiter] Shukhgalter IA. Vestn Khir Grekov 99:50-5, Sep 67 (Rus)
[Recent contributions on simple goiter in Spain] Sánchez Martín JA. Rev Clin Esp 113:517-22, 30 Jun 69 (39 ref.) (Spa)
[Application of a fast micro-method to determine the iodine content in drinking water] Mariño Aguiar M. Rev Sanid Hig Publica (Madrid) 41:343-55, Oct-Dec 67 (Spa)
[Thyroid diseases] Wijnbladh H. Svensk Tandlak T 62:27-32 contd, Jan 69 (Swe)

FAMILIAL & GENETIC

Hereditary deafness in man. Konigsmark BW. New Eng J Med 281:827-32 concl, 9 Oct 69 (38 ref.)
The genetics of thyroid disease. Fraser GR. Progr Med Genet 6:89-115, 1969 (113 ref.)
Familial goiter with dimished synthesis of thyroglobulin. Riddick FA Jr, et al. Z Ges Exp Med 150:203-12, 1969
[Congenital hypothyroidism due to a type I hormonogenesis disorder. (3 cases in the same family and literature review)] Marie J, et al. Ann Pediat (Paris) 16:424-36, Jun-Jul 69 (Fre)
[Recent studies on goiter in Spain] Sánchez Martin JA. Munchen Med Wschr 111:1416-20, 20 Jun 69 (39 ref.) (Ger)

IMMUNOLOGY

[Recent studies on goiter in Spain] Sánchez Martin JA. Munchen Med Wschr 111:1416-20, 20 Jun 69 (39 ref.) (Ger)
[Absent biological demonstration of "long-acting thyroid stimulator" (LATS) in endemic euthyroid iodine deficiency goiters] Stelzer M, et al. Munchen Med Wschr 111:1306-9, 6 Jun 69 (Ger)
[Immunologic problems in thyroid diseases] Höfer R, et al. Z Ges Inn Med 24:Suppl:91-6 c, 15 Mar 69 (Ger)
[Experience in determination of thyroid gland antibodies] Sievers P, et al. Z Ges Inn Med 24:Suppl:101-3, 1 Apr 69 (Ger)
[Immuno-morphological comparisons in toxic goiter] Bomash NIu, et al. Probl Endokr (Moskva) 15:7-12, May-Jun 69 (Rus)
[Dynamics of circulating autoantibodies after operations for euthyroid nodular and diffuse toxic goiter] Raskin AM. Probl Endokr (Moskva) 14:19-23, Nov-Dec 68 (Rus)
[Immunopathological changes in euthyroid goiter] Sidorov KA. Probl Endokr (Moskva) 14:41-4, May-Jun 68 (Rus)
[The effect of surgical intervention on the phagocytic activity of leukocytes in some diseases of the thyroid gland] Simeonov L. Probl Endokr (Moskva) 13:30-3, May-Jun 67 (Rus)

METABOLISM

Functional alterations in rat thyroid ribosomes. Grief RL, et al. Endocrinology 85:855-60, Nov 69
Defective deiodinase activity and abnormal thyroidal iodoproteins. Thomson JA, et al. J Clin Endocr 29:1259-60, Sep 69
Familial goiter with dimished synthesis of thyroglobulin. Riddick FA Jr, et al. Z Ges Exp Med 150:203-12, 1969
[Iodination of proteins in the human thyroid gland. (Normal and pathologic)] Etling N, et al. Acta Endocr (Kobenhavn) 59:545-54, Dec 68 (Fre)
[Late sporadic goiter in adults, with dehalogenase enzyme deficiency. Clinical, biochemical, isotope study] Jaffiol C, et al. Rev Franc Endocr Clin 10:67-71, Jan-Feb 69 (Fre)
[Study of thyroid hormone synthesis in a patient with congenital goiter] Peyrin JO, et al. Rev Franc Etud Clin Biol 14:459-65, May 69 (Fre)
[On histotopography of iodine metabolism in endemic goiters and in healthy thyroid glands] Riccabona G, et al. Acta Endocr (Kobenhavn) 59:564-72, Dec 68 (Ger)
[Absent biological demonstration of "long-acting thyroid stimulator" (LATS) in endemic euthyroid iodine deficiency goiters] Stelzer M, et al. Munchen Med Wschr 111:1306-9, 6 Jun 69 (Ger)
[Accumulation of radioactive chromium in white rats having various levels of iodine in their rations and various states of the thyroid gland] Goncharov AT. Gig Sanit 33:96-7, Dec 68 (Rus)
[Dynamics of glycoprotein metabolism in goiter patients in the course of surgical treatment] Udod VM, et al. Probl Endokr (Moskva) 15:13-7, May-Jun 69 (Rus)
[Effect of surgical trauma on the metabolism of vitamins B1 and B2 in patients with goiter] Tafintsev BF. Vestn Khir Grekov 99:55-7, Sep 67 (Rus)
[Trace element metabolism in patients with goiter during therapy] Bredikhin LM, et al. Vrach Delo 6:81-4, Jun 69 (Rus)
[Studies on iodine metabolism. V. Goiter with a high renal clearance] Linazasoro JM, et al. Rev Clin Esp 107:323-5, 15 Dec 67 (Spa)

OCCURRENCE

[Late sporadic goiter in adults, with dehalogenase enzyme deficiency. Clinical, biochemical, isotope study] Jaffiol C, et al. Rev Franc Endocr Clin 10:67-71, Jan-Feb 69 (Fre)
[Recent studies on goiter in Spain] Sánchez Martin JA. Munchen Med Wschr 111:1416-20, 20 Jun 69 (39 ref.) (Ger)
[Endemic goiter of the northeast district of Lunga (Angola)] David JH. An Esc Nac Saude Publica Med Trop (Lisboa) 2:203-11, Jan-Dec 68 (Por)
[Surgical treatment of thyropathic endemic dystrophy. Considerations on some statistics] Ionescu A, et al. Rev Medicochir Iasi 73:83-8, Jan-Mar 69 (Rum)

[Study of the correlations between micro- and macro-elements in the water sources of some rural localities in determination of the morbidity of endemic thyropathic dystrophy (ETD) and dental caries] Năstase V, et al.
Rev Medicochir Iasi 73:409-14, Apr-Jun 69 (Rum)
[Disease panorama in the North of Sweden (Norrland)] Bergström I.
Lakartidningen 66:2521-7, 11 Jun 69 (Swe)
[Thyroid diseases] Wijnbladh H.
Svensk Tandlak T 62:27-32 contd, Jan 69 (Swe)

PATHOLOGY

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 40-1969.
New Eng J Med 281:783-91, 2 Oct 69
[Basedowified goiters] Gilbert-Dreyfus, et al.
Sem Hop Paris 43:1875-85, 14 Jun 67 (Fre)
[On histotopography of iodine metabolism in endemic goiters and in healthy thyroid glands] Riccabona G, et al. Acta Endocr (Kobenhavn) 59:564-72, Dec 68 (Ger)
[Vital puncture biopsy of liver in toxic goiter] Akhunbaev IK, et al.
Probl Endokr (Moskva) 15:19-22, Mar-Apr 69 (Rus)
[Immuno-morphological comparisons in toxic goiter] Bomash NIu, et al.
Probl Endokr (Moskva) 15:7-12, May-Jun 69 (Rus)

PHYSIOPATHOLOGY

[Comparison of electrical and mechanical processes in the myocardium and phasic analysis of systole of the left ventricle in endemic goiter] Berezhnitskiĭ MN.
Probl Endokr (Moskva) 14:52-6, Jul-Aug 68 (Rus)
[Dynamic aspects of the thyroid gland scanning method] Kukharskaia EP.
Probl Endokr (Moskva) 14:37-41, May-Jun 68 (Rus)
[Functional state of the stomach and erythropoiesis in patients with endemic goiter and thyrotoxicosis] Sakharchuk II. Vrach Delo 10:59-62, Oct 67 (Rus)

PREVENTION & CONTROL

The metabolism of radioactive L-5' isopropyl-3',3,5 triiodothyronine and its relation to thyroid hormone action. Gordon A, et al.
Acta Endocr (Kobenhavn) 60:352-68, Feb 69

SURGERY

Metastatic calcification of soft tissue on overdosage of vitamin D. Irnell L. Acta Med Scand 185:147-52, Mar 69
Surgical treatment of thyroid disease. Graham WP 3d.
Delaware Med J 41:205-8, Jul 69
Surgical treatment of goitre. Follow up of patients operated upon during the period 1956-1966. McCollum ST, et al. J Irish Med Ass 62:291-4, Aug 69
[Effect of thyroidectomy on the development of obesity] Feix C, et al. Sborn Lek 71:185-8, Jul 69 (Cze)
[A case of intratracheal goiter] Goumaz CF.
Ann Otolaryng (Paris) 86:329-31, Jun 69 (Fre)
[On the prevention of thrombosis with aesculus extract] Kronberger L, et al.
Med Klin 64:1207-9, 1969 (Ger)
[Indications for the resection of benign goiter] Bünte H. Med Mschr 23:154-7, Apr 69 (Ger)
[Tracheal stenosis due to an unnoticed foreign body] Herbich J, et al.
Mschr Ohrenheilk 103:300-7, 1969 (Ger)
[Follow-up studies in 300 strumectomized patients] Fleischhacker H, et al.
Wien Med Wschr 119:512-4, 5 Jul 69 (Ger)
[Case of complete intramediastinal goiter with superior vena cava syndrome] Nishikawa M, et al.
Naika 23:963-6, May 69 (Jap)
[Surgical treatment of thyropathic endemic dystrophy. Considerations on some statistics] Ionescu A, et al.
Rev Medicochir Iasi 73:83-8, Jan-Mar 69 (Rum)
[Immuno-morphological comparisons in toxic goiter] Bomash NIu, et al.
Probl Endokr (Moskva) 15:7-12, May-Jun 69 (Rus)
[The effect of preoperative preparation and strumectomy on the blood hormonal iodine level in patients with toxic and euthyroid goiter] Ionin ML.
Probl Endokr (Moskva) 13:22-6, May-Jun 67 (Rus)
[Disturbed body oxygen supply in patients with various forms of goiter according to blood gas findings] Kovalev MM, et al.
Probl Endokr (Moskva) 13:3-7, May-Jun 67 (Rus)
[Dynamics of circulating autoantibodies after operations for euthyroid nodular and diffuse toxic goiter] Raskin AM.
Probl Endokr (Moskva) 14:19-23, Nov-Dec 68 (Rus)
[The effect of operations on the thyroid gland on the process of autoimmunization to the components of the thyroid tissue] Sidorov KA.
Probl Endokr (Moskva) 13:13-7, May-Jun 67 (Rus)
[The effect of surgical intervention on the phagocytic activity of leukocytes in some diseases of the thyroid gland] Simeonov L.
Probl Endokr (Moskva) 13:30-3, May-Jun 67 (Rus)
[Immunological pathogenesis of postoperative hypothyroidism] Simeonov L, et al.
Probl Endokr (Moskva) 14:36-9, Jul-Aug 68 (Rus)
[Surgical treatment of diffuse toxic goiter in patients with Down's disease] Titmov VN, et al.
Probl Endokr (Moskva) 15:64-5, May-Jun 69 (Rus)
[Changes in the content of sialic acids in the blood serum of patients with endemic goiter before and after the operation] Udod VM, et al.
Probl Endokr (Moskva) 14:45-7, May-Jun 68 (Rus)
[Dynamics of glycoprotein metabolism in goiter patients in the course of surgical treatment] Udod VM, et al.
Probl Endokr (Moskva) 15:13-7, May-Jun 69 (Rus)
[Surgery of the recurrent goiter] Shukhgalter IA.
Vestn Khir Grekov 99:50-5, Sep 67 (Rus)
[Effect of surgical trauma on the metabolism of vitamins B1 and B2 in patients with goiter] Tafintsev BF. Vestn Khir Grekov 99:55-7, Sep 67 (Rus)

THERAPY

Thyroid nodule: some further comments. Frelick RW.
Delaware Med J 41:225-6, Jul 69
[Congenital goiter] Almeida R de.
Rev Port Pediat 31:246-59, Sep-Oct 68 (Por)

URINE

[Hydroxyproline determination in the urine for diagnosis of thyroid function] Langness U, et al.
Med Klin 64:1111-4, 13 Jun 69 (Ger)
[Estrogen excretion in patients with toxic goiter associated with gynecomastia] Zhizhina SA, et al.
Probl Endokr (Moskva) 15:16-8, Mar-Apr 69 (Rus)
[Effect of surgical trauma on the metabolism of vitamins B1 and B2 in patients with goiter] Tafintsev BF. Vestn Khir Grekov 99:55-7, Sep 67 (Rus)

GOITER, ENDEMIC

Nutrition activities of the World Health Organization. Bengoa JM. J Amer Diet Ass 55:228-32, Sep 69
[Recent studies on goiter in Spain] Sánchez Martín JA.
Munchen Med Wschr 111:1416-20, 20 Jun 69 (39 ref.) (Ger)
[Comparison of electrical and mechanical processes in the myocardium and phasic analysis of systole of the left ventricle in endemic goiter] Berezhnitskiĭ MN.
Probl Endokr (Moskva) 14:52-6, Jul-Aug 68 (Rus)

BLOOD

[Absent biological demonstration of "long-acting thyroid stimulator" (LATS) in endemic euthyroid iodine deficiency goiters] Stelzer M, et al.
Munchen Med Wschr 111:1306-9, 6 Jun 69 (Ger)

ETIOLOGY

Dietary iodine and goiter in Ceylon.
Nutr Rev 27:108-10, Apr 69 (7 ref.)
Effect of thermal treatment on the content of goitrogenic substances in plant foods. Michajlovskij N, et al. Rev Czech Med 15:132-44, 1969
[The role of natural cobalt content in food products in the etiology of endemic goiter] Oparin IA.
Probl Endokr (Moskva) 15:26-7, Mar-Apr 69 (Rus)

METABOLISM

[Accumulation of radioactive chromium in white rats having various levels of iodine in their rations and various states of the thyroid gland] Goncharov AT.
Gig Sanit 33:96-7, Dec 68 (Rus)

OCCURRENCE

Effect of thermal treatment on the content of goitrogenic substances in plant foods. Michajlovskij N, et al. **Rev Czech Med** 15:132-44, 1969

[Endemic goiter of the northeast district of Lunga (Angola)] David JH.
An Esc Nac Saude Publica Med Trop (Lisboa) 2:203-11, Jan-Dec 68 **(Por)**

SURGERY

[Surgical treatment of thyropathic endemic dystrophy. Considerations on some statistics] Ionescu A, et al.
Rev Medicochir Iasi 73:83-8, Jan-Mar 69 **(Rum)**

GOITER, EXOPHTHALMIC

[Eye symptoms in thyroid gland diseases] Studer H.
Ther Umsch 26:355-7, Jun 69 **(Ger)**

[Intrathoracic goiter of the posterior mediastinum] Shiain BI. **Grudn Khir** 9:118, Nov-Dec 67 **(Rus)**

BLOOD

Induction of myxedema by iodide in patients euthyroid after radioiodin or surgical treatment of diffuse toxic goiter. Braverman LE, et al.
New Eng J Med 281:816-21, 9 Oct 69

[Automated determination of hormonal iodine in the plasma: methodology, experimental study, clinical application] Jaffiol C, et al.
Rev Franc Endocr Clin 10:7-30, Jan-Feb 69 **(Fre)**

[On the problem of complex study of functional condition of thyroid gland] Kasatkin IuN, et al.
Lab Delo 10:593-5, 1968 **(Rus)**

[Dynamics of protein-bound iodine and iodine extracted with butanol in diffuse toxic goiter patients treated with radioactive iodine (I-131) after preliminary treatment with mercazolyl and reserpine] Anestiadi ZG.
Probl Endokr (Moskva) 15:6-10, Jan-Feb 69 **(Rus)**

[Blood serum protein fractions in the patients with disturbed thyroid gland function] Balen SA, et al.
Probl Endokr (Moskva) 13:26-30, May-Jun 67 **(Rus)**

[Disturbed body oxygen supply in patients with various forms of goiter according to blood gas findings] Kovalev MM, et al.
Probl Endokr (Moskva) 13:3-7, May-Jun 67 **(Rus)**

CLASSIFICATION

[Basedowified goiters] Gilbert-Dreyfus, et al.
Sem Hop Paris 43:1875-85, 14 Jun 67 **(Fre)**

COMPLICATIONS

Incidence of goiter in patients with Down's syndrome. Rauvalcaba RH, et al.
Amer J Dis Child 118:451-3, Sep 69

Neuromuscular dysfunction associated with thyrotoxicosis. Ludin HP, et al.
Europ Neurol 2:269-78, 1969

Bilateral exophthalmic ophthalmoplegia. A case report. Scarlato G, et al. **Europ Neurol** 2:285-95, 1969

Induction of myxedema by iodide in patients euthyroid after radioiodin or surgical treatment of diffuse toxic goiter. Braverman LE, et al.
New Eng J Med 281:816-21, 9 Oct 69

[Clinicopathological studies on small cell carcinoma of the thyroid] Murata T.
Folia Endocr Jap 45:80-90, 20 Apr 69 **(Jap)**

[Restoration of sinus rhythm in the patient with toxic goiter and auricular flutter following conservative therapy] Kliachko VR, et al.
Probl Endokr (Moskva) 13:56-8, May-Jun 67 **(Rus)**

CONGENITAL

Mechanisms of Graves' disease and endocrine exophthalmos. Anderson DR.
Amer J Ophthal 68:46-57, Jul 69 (131 ref.)

DIAGNOSIS

Mechanisms of Graves' disease and endocrine exophthalmos. Anderson DR.
Amer J Ophthal 68:46-57, Jul 69 (131 ref.)

Toxic diffuse goiter in children. Mosier HD Jr.
GP 40:110-6, Aug 69

Electromyography of the extraocular muscles in exophthalmos. A contribution to the problem of differential diagnosis. Zauberman H, et al.
Israel J Med Sci 5:378-82, May-Jun 69

Dynamic studies with the newer instrumentation. Polcyn RE, et al.
Radiol Clin N Amer 7:243-55, Aug 69 (62 ref.)

The hyperfunctioning thyroid nodule. Morton WM, et al. **Southern Med J** 62:1036-41, Sep 69

[Numerical diagnosis of goiter] Bouckaert A.
Nuclearmedizin 7:319-30, 31 Dec 68 **(Fre)**

[On the problem of complex study of functional condition of thyroid gland] Kasatkin IuN, et al.
Lab Delo 10:593-5, 1968 **(Rus)**

DRUG THERAPY

The effect of triiodothyronine on cervical lymphoid structures, thyroid activity, IgG and IgM immunoglobulin level and exophthalmos in Graves' disease. Mahaux JE, et al.
Acta Endocr (Kobenhavn) 61:400-6, Jul 69

The use of antithyroid drugs in a single daily dose. Treatment of diffuse toxic goiter. Kammer H, et al.
JAMA 209:1325-7, 1 Sep 69

[The inhibition test of thyroid function with triiodothyronine in hyperthyroid patients under medical therapy: comparison of the values obtained from measures of "early" uptake and in the organic phase] Valentini F, et al.
Folia Endocr (Roma) 21:396-403, Aug 68 **(Ita)**

[Complex conservative treatment of thyreotoxic goiter] Grigor'ev PIa, et al.
Sovet Med 32:143-5, Jun 69 **(Rus)**

ENZYMOLOGY

[The activity of nonspecific phosphatases of the thyroid gland in diffuse toxic goiter and thyrotoxic adenoma] Liul'ka AN, et al.
Probl Endokr (Moskva) 15:27-32, Mar-Apr 69 **(Rus)**

ETIOLOGY

Mechanisms of Graves' disease and endocrine exophthalmos. Anderson DR.
Amer J Ophthal 68:46-57, Jul 69 (131 ref.)

The pathogenesis of hyperthyroidism. McKenzie JM.
Triangle 9:2-8, 1969

FAMILIAL & GENETIC

Genetic aspects of autoimmunity. Fialkow PJ.
Progr Med Genet 6:117-67, 1969 (219 ref.)

IMMUNOLOGY

[Dynamics of circulating autoantibodies after operations for euthyroid nodular and diffuse toxic goiter] Raskin AM.
Probl Endokr (Moskva) 14:19-23, Nov-Dec 68 **(Rus)**

[Autoconduction (phenomenon of autoimmunological growth stimulation) in neoplasms and some other diseases of the thyroid gland] Sidorov KA.
Probl Endokr (Moskva) 14:94-6, May-Jun 68 **(Rus)**

[The effect of surgical intervention on the phagocytic activity of leukocytes in some diseases of the thyroid gland] Simeonov L.
Probl Endokr (Moskva) 13:30-3, May-Jun 67 **(Rus)**

METABOLISM

[The inhibition test of thyroid function with triiodothyronine in hyperthyroid patients under medical therapy: comparison of the values obtained from measures of "early" uptake and in the organic phase] Valentini F, et al.
Folia Endocr (Roma) 21:396-403, Aug 68 **(Ita)**

[Serotonin metabolism in patients with disturbed thyroid gland function] Golovach AP.
Probl Endokr (Moskva) 14:97-100, May-Jun 68 **(Rus)**

OCCURRENCE

[Toxic adenoma of the thyroid (study of 120 cases)] Papalia D, et al.
Folia Endocr (Roma) 21:501-28, Aug 68 **(Ita)**

PHYSIOPATHOLOGY

The effect of triiodothyronine on cervical lymphoid structures, thyroid activity, IgG and IgM immunoglobulin level and exophthalmos in Graves' disease. Mahaux JE, et al.
Acta Endocr (Kobenhavn) 61:400-6, Jul 69

RADIOTHERAPY

I131 treatment for toxic diffuse goiter: analysis of 1056 cured cases. Yang HF, et al.
J Formosan Med Ass 68:94-105, 28 Feb 69
Induction of myxedema by iodide in patients euthyroid after radioiodin or surgical treatment of diffuse toxic goiter. Braverman LE, et al.
New Eng J Med 281:816-21, 9 Oct 69
[Treatment of Basedow hyperthyroidism by protracted doses of radioactive iodine] Reboul J, et al.
Sem Hop Paris 45:1884-94, 8 Jun 69 (Fre)

SURGERY

Total thyroidectomy in the management of thyrotoxic and euthyroid Graves' disease. Catz B, et al.
Amer J Surg 118:434-9, Sep 69
Induction of myxedema by iodide in patients euthyroid after radioiodin or surgical treatment of diffuse toxic goiter. Braverman LE, et al.
New Eng J Med 281:816-21, 9 Oct 69
[Hypocalcemic encephalopathy with recurrent manifestations] Mouren P, et al.
Marseille Med 104:624-7, 1967 (Fre)
[The preparation of patients with toxic goiter for surgical treatment using type II neuroleptoanalgesia. Preliminary report] Zagrobelny Z, et al.
Endokr Pol 20:267-71, 1969 (Pol)
[May decompensated toxic goitre be treated surgically?] Bielicki F, et al.
Pol Tyg Lek 24:595-8, 21 Apr 69 (Pol)
[Protein-bound iodine in the blood serum and the role of stressors in the development of postoperative thyreotoxic reactions] Makar DA, et al.
Klin Khir (Kiev) 2:46-9, Feb 67 (Rus)
[The thyroid gland function at remote periods after I-131 treatment of patients with thyrotoxicosis] Dybovyi ED, et al.
Probl Endokr (Moskva) 13:8-22, May-Jun 67 (Rus)
[The effect of preoperative preparation and strumectomy on the blood hormonal iodine level in patients with toxic and euthyroid goiter] Ionin ML.
Probl Endokr (Moskva) 13:22-6, May-Jun 67 (Rus)
[Restoration of sinus rhythm in the patient with toxic goiter and auricular flutter following conservative therapy] Kliachko VR, et al.
Probl Endokr (Moskva) 13:56-8, May-Jun 67 (Rus)
[The effect of surgical intervention on the phagocytic activity of leukocytes in some diseases of the thyroid gland] Simeonov L.
Probl Endokr (Moskva) 13:30-3, May-Jun 67 (Rus)
[Complex conservative treatment of thyreotoxic goiter] Grigor'ev PIa, et al.
Sovet Med 32:143-5, Jun 69 (Rus)
[Surgery of the recurrent goiter] Shukhgalter IA.
Vestn Khir Grekov 99:50-5, Sep 67 (Rus)

THERAPY

Toxic diffuse goiter in children. Mosier HD Jr.
GP 40:110-6, Aug 69
I131 treatment for toxic diffuse goiter: analysis of 1056 cured cases. Yang HF, et al.
J Formosan Med Ass 68:94-105, 28 Feb 69
Treatment of extrathyroidal manifestations of Graves' disease. Solomon DH. **Mod Treatm 6:516-33, May 69**
[Therapy of thyrotoxicosis]
Helv Med Acta Suppl 48:63+, May 68 (Ger)
[Toxic adenoma of the thyroid (study of 120 cases)] Papalia D, et al.
Folia Endocr (Roma) 21:501-28, Aug 68 (Ita)
[Dynamics of protein-bound iodine and iodine extracted with butanol in diffuse toxic goiter patients treated with radioactive iodine (I-131) after preliminary treatment with mercazolyl and reserpine] Anestiadi ZG.
Probl Endokr (Moskva) 15:6-10, Jan-Feb 69 (Rus)
[Complex conservative treatment of thyreotoxic goiter] Grigor'ev PIa, et al.
Sovet Med 32:143-5, Jun 69 (Rus)

HYPERTHYROIDISM

Ventricular echo beats in the human heart elicited by induced ventricular premature beats. Schuilenburg RM, et al. **Circulation 40:337-47, Sep 69**
The course of radiation disease in hyper-and hypothyreotic rats. Siebodziński A, et al.
Folia Biol (Krakow) 17:145-58, 1969
[Calcium: its metabolism, its excess in the organism] Aillet J.
Anesth Analg (Paris) 26:363-75, May-Jun 69 (Fre)
[Body composition in hyperthyroidism (simultaneous isotopic dissection of (6 cases)] Carlier B, et al.
Rev Franc Etud Clin Biol 14:354-60, Apr 69 (Fre)
[Eye symptoms in thyroid gland diseases] Studer H.
Ther Umsch 26:355-7, Jun 69 (Ger)

BLOOD

Post heparin plasma lipoprotein lipase activity in thyroid disease. Kirkeby K.
Acta Endocr (Kobenhavn) 59:555-63, Dec 68
Free thyroxine in serum and its use in clinical diagnosis. Liewendahl K, et al.
Acta Endocr (Kobenhavn) 61:343-58, Jun 69
The iodotyrosine content of normal human serum. Wellby ML, et al. **Biochem J 112:543-4, May 69**
Plasma glycerol and glycerol turnover during treatment of hyperthyroidism. Tibbling G, et al.
Clin Chim Acta 25:189-98, Aug 69
Effects of oral and intravenous glucose loading in thyrotoxicosis. Studies of plasma glucose, free fatty acid, plasma insulin and blood pyruvate levels. Doar JW, et al. **Diabetes 18:633-9, Sep 69**
Cerebrospinal fluid thyroxine. Hansen JM, et al.
J Clin Endocr 29:1023-6, Aug 69
[Effects of D-thyroxine on PB127I in the serum. (Studies in hyper- and hypothyroidism)] Krüskemper HL, et al.
Acta Endocr (Kobenhavn) 61:359-68, Jun 69 (Ger)
[Demonstration of thyroid gland antibodies by the Boyden test] Meng S, et al.
Z Ges Inn Med 24:Suppl:98-101, 1 Apr 69 (Ger)
[Thyroid gland function in diabetes] Schieche M, et al.
Z Ges Inn Med 24:307-8, 15 May 69 (Ger)
[Levels of serum protein iodine in peripheral venous blood and in returning thyroid blood in a group of hyperthyroid patients] Tornaghi A, et al.
Arch Ital Chir 94:764-72, 1968 (Ita)
[Basic and clinical studies on the cell count of circulating basophils and eosinophils] Arase S.
Iryo 23:306-17, Mar 69 (Jap)
[Progress in thyroid hormone determination] Nagataki S. **Naika 24:73-9, Jul 69 (19 ref.) (Jap)**
[Proteinogram in experimental hyperthyroidism] Rokicki W. **Przegl Lek 25:614-6, 1969 (Pol)**
[Determination of thyroglobulin content in toxic and euthyroid goiters with the aid of organospecific antithyroid phytoprecipitin] Artamonova-Krupnik SI.
Probl Endokr (Moskva) 14:39-43, Jul-Aug 68 (Rus)
[Disturbed body oxygen supply in patients with various forms of goiter according to blood gas findings] Kovalev MM, et al.
Probl Endokr (Moskva) 13:3-7, May-Jun 67 (Rus)
[Sialic acid concentration in the blood serum of patients with thyrotoxicosis] Kuz'mah NI.
Probl Endokr (Moskva) 15:23-5, Mar-Apr 69 (Rus)
[Determination by various methods of the content of sialic acids in blood serum of patients with endemic goiter] Kuz'mak NI.
Probl Endokr (Moskva) 15:10-3, Jan-Feb 69 (Rus)
[Changes in the content of sialic acids in the blood serum of patients with endemic goiter before and after the operation] Udod VM, et al.
Probl Endokr (Moskva) 14:45-7, May-Jun 68 (Rus)

CEREBROSPINAL FLUID

Cerebrospinal fluid thyroxine. Hansen JM, et al.
J Clin Endocr 29:1023-6, Aug 69

CHEMICALLY INDUCED

Occult factitial thyrotoxicosis. Thyroxine kinetics and psychological evaluation in three cases. Rose E, et al.
Ann Intern Med 71:309-15, Aug 69
Regression of cardiac hypertrophies of various origin. Beznak M, et al.
Canad J Physiol Pharmacol 47:579-86, Jul 69
Heart mitochondrial function in acute and in chronic

hyperthyroidism in rats. Piatnek-Leunissen DA, et al. Circ Res 25:171-81, Aug 69

Fractitious hyperthyroidism. Report of a case. McKegney FP, et al. Conn Med 33:263-6, Apr 69

Endocrine influence on urinary 5-hydroxyindoleacetic acid output in the rat. Abdel-Aziz A. Europ J Pharmacol 7:49-55, Jul 69

The course of radiation disease in hyper-and hypothyreotic rats. Slebodziński A, et al. Folia Biol (Krakow) 17:145-58, 1969

Cancer of the uterine cervix in mice fed a liquid diet containing an antifertility drug. Dunn TB. J Nat Cancer Inst 43:671-92, Sep 69

The rat erythrocyte in induced hyper- and hypothyroidism. Isaacs A. W Afr Med J 18:50-5, Apr 69

CLASSIFICATION

[Basedowified goiters] Gilbert-Dreyfus, et al. Sem Hop Paris 43:1875-85, 14 Jun 67 (Fre)

[Remote results of surgical treatment of patients with thyrotoxicosis] Narychev AA, et al. Probl Endokr (Moskva) 13:7-13, May-Jun 67 (Rus)

COMPLICATIONS

Chromophobe pituitary adenoma with acromegaly and TSH-induced hyperthyroidism associated with parathyroid adenoma. Acromegaly and parathyroid adenoma. Lamberg BA, et al. Acta Endocr (Kobenhavn) 60:157-72, Jan 69

Acute porphyria in a hyperthyroid patient. Lamberg BA, et al. Acta Med Scand 185:415-20, May 69

Lupus erythematosus and hyperthyroidism. Papadopoulos C, et al. Amer J Dis Child 118:621-5, Oct 69

Incidence of goiter in patients with Down's syndrome. Rauvalcaba RH, et al. Amer J Dis Child 118:451-3, Sep 69

Autoimmune thyroid disease in children with mongolism. Aarskog D. Arch Dis Child 44:454-60, Aug 69

Haemochromatosis, diabetes, and hyperthyroidism. Herford ME. Brit Med J 1:359, 9 Aug 69

Regression of cardiac hypertrophies of various origin. Beznak M, et al. Canad J Physiol Pharmacol 47:579-86, Jul 69

Thyroid function investigation by means of I-131 in acne vulgaris and in seborrheic dermatitis. Andreassi L, et al. Dermatologica (Basel) 139:69-75, 1969

Neuromuscular dysfunction associated with thyrotoxicosis. Ludin HP, et al. Europ Neurol 2:269-78, 1969

Psychotic states resulting from disorders of thyroid function. Clower CG, et al. Johns Hopkins Med J 124:305-10, Jun 69

Bone maturation and growth in juvenile hyperthyroidism. Montenegro JL, et al. Rev Ass Med Brasil 15:11-4, Jan 69

Clinical epidemiology of leukemia. Fraumeni JF Jr. Seminars Hemat 6:250-60, Jul 69 (93 ref.)

Cutaneous manifestations of hyperthyroidism. Caravati CM Jr, et al. Southern Med J 62:1127-30, Sep 69

[Thyroid gland function in women with repeated spontaneous aborions] Soumar J, et al. Z Geburtsh Gynaek 170:242-51, 1969

[Cardiothyrotoxicosis] Robin C, et al. Maroc Med 47:306-13, Apr 67 (Fre)

[Beta-receptor-blocking agents in angina pectoris and arrhythmia] Karges O. Med Klin 64:1280-5, 11 Jul 69 (Ger)

[Clinicopathological studies on small cell carcinoma of the thyroid] Murata T. Folia Endocr Jap 45:80-90, 20 Apr 69 (Jap)

[Case of hyperthyroidism associated with periodic paralysis] Tamura K, et al. Naika 23:779-82, Apr 69 (Jap)

[Thyroid functio in circulatory failure in the aged] Halawa B, et al. Pol Tyg Lek 24:629-31, 28 Apr 69 (Pol)

[Pulmonary-pleuro-pericardial syndrome in the course of hyperthyroidism] Jochweds B, et al. Pol Tyg Lek 24:685-6, 5 May 69 (Pol)

[Chronic myopathy during hyperthyroidism with successful treatment] Mąkowska R, et al. Przegl Lek 25:492-3, 24 Jun 69 (Pol)

[Hyperthyroidism and the aortic functional syndrome: case report] Forti N, et al. Rev Hosp Clin Fac Med S Paulo 24:197-202, May-Jun 69 (Por)

[The importance of magnesium in preventing myocardial metabolic disorders in thyrotoxicosis] Golber LM, et al. Biull Eksp Biol Med 67:23-6, Mar 69 (Rus)

[Gynecomastia in toxic goiter] Kliachko VR, et al. Probl Endokr (Moskva) 14:32-6, Jul-Aug 68 (Rus)

[Surgical treatment of diffuse toxic goiter in patients with Down's disease] Titmov VN, et al. Probl Endokr (Moskva) 15:64-5, May-Jun 69 (Rus)

DIAGNOSIS

Carcinoma of the thyroid gland. An account of 116 operated cases. Bergfelt G, et al. Acta Chir Scand 135:127-32, 1969

Acute porphyria in a hyperthyroid patient. Lamberg BA, et al. Acta Med Scand 185:415-20, May 69

Simplification of determination of serum thyroxine iodine by competitive binding analysis. Nusynowitz ML, et al. Amer J Roentgen 106:791-3, Aug 69

Plasma glycerol and glycerol turnover during treatment of hyperthyroidism. Tibbling G, et al. Clin Chim Acta 25:189-98, Aug 69

Thyroid nodule: some further comments. Frelick RW. Delaware Med J 41:225-6, Jul 69

Loss of pertechnetate from the human thyroid. Shimmins JG, et al. J Nucl Med 10:637-40, Oct 69

Cutaneous manifestations of hyperthyroidism. Caravati CM Jr, et al. Southern Med J 62:1127-30, Sep 69

[Comparative study of the thyroid uptake curves for radioactive iodine and labelled hormonal iodine during the triiodothyronine suppression test (Werner test). Apropos of 100 tests] Jaffiol C, et al. Rev Franc Endocr Clin 10:31-56, Jan-Feb 69 (Fre)

[Hydroxyproline determination in the urine for diagnosis of thyroid function] Langness U, et al. Med Klin 64:1111-4, 13 Jun 69 (Ger)

[Beta-receptor blocking agents in the preparation for surgery in hyperthyroidism] Dichtl K, et al. Wien Med Wschr 119:476-80, 21 Jun 69 (Ger)

[Studies on the registration and evaluation of the Achilles tendon reflex in the framework of thyroid gland diagnosis] Männchen E, et al. Z Ges Inn Med 24:301-6, 15 May 69 (Ger)

[Advances and problems in TSH measurement] Miyai K, et al. Clin Endocr (Tokyo) 17:253-60, Apr 69 (41 ref.) (Jap)

[Analytical studies on the relationship between thyroid function tests by means of the "theory of quantification," with proposal of the formulae for estimation of protein-bound iodine and basal metabolic rate] Sekiya M. Folia Endocr Jap 45:45-64, 20 Apr 69 (Jap)

[Early diagnosis and treatment of hyperthyroidism and hypothyroidism] Shizume K. Naika 23:1209-13, Jun 69 (Jap)

[The objective recording of the vascular murmur over the thyroid gland in thyrotoxicosis] Greiser AE, et al. Probl Endokr (Moskva) 15:37-40, Mar-Apr 69 (Rus)

DRUG THERAPY

Propranolol and the utilization of radioiodine by the human thyroid gland. Hadden DR, et al. Acta Endocr (Kobenhavn) 61:393-9, Jul 69

Protein-bound iodine during antithyroid treatment. Christensen LK, et al. Acta Med Scand 185:483-7, Jun 69

Treatment of thyrotoxicosis with low doses of radioactive iodine. Goolden AW, et al. Brit Med J 3:442-3, 23 Aug 69

Effect of pretreatment with carbimazole in patients with thyrotoxicosis subsequently treated with radioactive iodine. Goolden AW, et al. Brit Med J 3:443-4, 23 Aug 69

Haemochromatosis, diabetes, and hyperthyroidism. Herford ME. Brit Med J 1:359, 9 Aug 69

Plasma glycerol and glycerol turnover during treatment of hyperthyroidism. Tibbling G, et al. Clin Chim Acta 25:189-98, Aug 69

Diminished functional parathyroid reserve following I-131 treatment for hyperthyroidism. Better OS, et al. Israel J Med Sci 5:419-22, May-Jun 69

Experience with the treatment of primary thyrotoxicosis. Udupa KN, et al. J Indian Med Ass 52:416-7, 1 May 69

Parotid gland swelling due to methimazole. Moehlig RC. JAMA 209:1224, 25 Aug 69

Neonatal thyrotoxicosis. Hopton DS, et al.
Proc Roy Soc Med 62:817, Aug 69

Effect of guanethidine on the circulation of hyperthyroid patients. Its usefulness for their treatment and surgical preparation. Pákozdi L, et al.
Ther Hung 17:28-30, 1969

[Blocking of adrenergic beta receptors with propranolol in the treatment of thyrotoxicosis] Felt V. Cas Lek Cesk 108:1124-7, Sep 69 (Cze)

[Therapy of thyrotoxicosis]
Helv Med Acta Suppl 48:63+, May 68 (Ger)

[Clinical observations on the use of a new tranquilizing agent] Buchthala M.
Hippokrates 39:466-8, 30 Jun 68 (Ger)

[Beta-receptor blocking agents in the preparation for surgery in hyperthyroidism] Dichtl K, et al.
Wien Med Wschr 119:476-80, 21 Jun 69 (Ger)

[The inhibition test of thyroid function with triiodothyronine in hyperthyroid patients under medical therapy: comparison of the values obtained from measures of "early" uptake and in the organic phase] Valentini F, et al.
Folia Endocr (Roma) 21:396-403, Aug 68 (Ita)

[Early diagnosis and treatment of hyperthyroidism and hypothyroidism] Shizume K.
Naika 23:1209-13, Jun 69 (Jap)

[Case of hyperthyroidism associated with periodic paralysis] Tamura K, et al.
Naika 23:779-82, Apr 69 (Jap)

[Hyperthyroidism and the aortic functional syndrome: case report] Forti N, et al.
Rev Hosp Clin Fac Med S Paulo 24:197-202, May-Jun 69 (Por)

[The importance of magnesium in preventing myocardial metabolic disorders in thyrotoxicosis] Golber LM, et al.
Biull Eksp Biol Med 67:23-6, Mar 69 (Rus)

[Granulocytopenia in the course of treatment with favistan] Palmar I, et al.
Vojnosanit Pregl 26:279-84, Jun 69 (Cro)

ENZYMOLOGY

[Urinary alkaline phosphatase isozymes--its relations to serum alkaline phosphatase] Sasaki T, et al.
Jap J Clin Path 17:193-7, Mar 69 (Jap)

[The activity of nonspecific phosphatases of the thyroid gland in diffuse toxic goiter and thyrotoxic adenoma] Liul'ka AN, et al.
Probl Endokr (Moskva) 15:27-32, Mar-Apr 69 (Rus)

ETIOLOGY

Chromophobe pituitary adenoma with acromegaly and TSH-induced hyperthyroidism associated with parathyroid adenoma. Acromegaly and parathyroid adenoma. Lamberg BA, et al.
Acta Endocr (Kobenhavn) 60:157-72, Jan 69

Mechanisms of Graves' disease and endocrine exophthalmos. Anderson DR.
Amer J Ophthal 68:46-57, Jul 69 (131 ref.)

Osteodystrophy developing spontaneously in the course of chronic renal failure. Stanbury SW, et al.
Arch Intern Med (Chicago) 124:274-81, Sep 69

The hyperfunctioning thyroid nodule. Morton WM, et al. Southern Med J 62:1036-41, Sep 69

[Protein-bound iodine in the blood serum and the role of stressors in the development of postoperative thyreotoxic reactions] Makar DA, et al.
Klin Khir (Kiev) 2:46-9, Feb 67 (Rus)

[Primary hyperthyroidism] Otero C.
Rev Med Chile 97:267-9, Apr 69 (Spa)

FAMILIAL & GENETIC

The genetics of thyroid disease. Fraser GR.
Progr Med Genet 6:89-115, 1969 (113 ref.)

IMMUNOLOGY

Can LATS be detected by immunofluorescence? Beall GN, et al. J Clin Endocr 29:1114-6, Aug 69

Humoral immunity and autoimmune disease. Roitt IM.
Vox Sang 16:341-4, Apr 69

[Immunologic problems in thyroid diseases] Höfer R, et al. Z Ges Inn Med 24:Suppl:91-6 c, 15 Mar 69 (Ger)

[Demonstration of thyroid gland antibodies by the Boyden test] Meng S, et al.
Z Ges Inn Med 24:Suppl:98-101, 1 Apr 69 (Ger)

[Experience in determination of thyroid gland antibodies] Sievers P, et al.
Z Ges Inn Med 24:Suppl:101-3, 1 Apr 69 (Ger)

[Immuno-morphological comparisons in toxic goiter] Bomash NIu, et al.
Probl Endokr (Moskva) 15:7-12, May-Jun 69 (Rus)

[Dynamics of circulating autoantibodies after operations for euthyroid nodular and diffuse toxic goiter] Raskin AM.
Probl Endokr (Moskva) 14:19-23, Nov-Dec 68 (Rus)

METABOLISM

Plasma glycerol and glycerol turnover during treatment of hyperthyroidism. Tibbling G, et al.
Clin Chim Acta 25:189-98, Aug 69

Cytoplasmic fluorescence of thyroid follicle cells after incubation with thyroid stimulating hormone. Vanhaelst L, et al. Z Ges Exp Med 150:1-6, 1969

[The Liège whole body counter. II. Total body potassium determination. Preliminary clinical results] Delwaide PA.
Ann Biol Clin (Paris) 27:341-54, May-Jun 69 (Fre)

[Effects of the functional state of the thyroid gland on the metabolism of estrogens in the microsome fraction of rat liver] Lehmann WD, et al.
Acta Endocr (Kobenhavn) 61:461-76, Jul 69 (Ger)

[On a depressive syndrome in primary hyperparathyroidism] Bruck J, et al.
Wien Z Nervenheilk 27:107-14, May 69 (Ger)

[The inhibition test of thyroid function with triiodothyronine in hyperthyroid patients under medical therapy: comparison of the values obtained from measures of "early" uptake and in the organic phase] Valentini F, et al.
Folia Endocr (Roma) 21:396-403, Aug 68 (Ita)

[On the metabolism of the myocardium in alloxan diabetes and in combination with thyroxine toxicosis or hypothyrosis] Stroev' EA, et al.
Kardiologiia 9:134-8, Jun 69 (Rus)

[Metabolism of the myocardium in experimental thyroxin toxicosis and after thyroidectomy] Stroev EA, et al. Kardiologiia 8:130-4, Nov 68 (Rus)

[Activity and metabolism of catecholamines in hyperthyroidism (review of the literature)] Geller LI.
Probl Endokr (Moskva) 15:108-11, Mar-Apr 69 (115 ref.) (Rus)

[Fractional pattern of proteins of kidneys and liver in albino rats in various functional states of the thyroid gland] Sokolova ZA, et al.
Probl Endokr (Moskva) 15:87-90, Mar-Apr 69 (Rus)

[RNA restoration in rabbit myocardium during experimental thyrotoxicosis] Sviatkina OB, et al.
Probl Endokr (Moskva) 15:83-7, Mar-Apr 69 (Rus)

[Dynamics of glycoprotein metabolism in goiter patients in the course of surgical treatment] Udod VM, et al.
Probl Endokr (Moskva) 15:13-7, May-Jun 69 (Rus)

[Diurnal excretion of adrenaline and noradrenaline in thyrotoxicosis] Prudnikova RV.
Vrach Delo 6:84-7, Jun 69 (Rus)

[Disorder of electrolyte metabolism in the myocardium in experimental thyrotoxicosis] Shchepotin BM, et al.
Vrach Delo 6:76-9, Jun 69 (Rus)

NURSING

Nursing management of patients with thyroid dysfunction. Davio EL.
J Pract Nurs 19:33 passim, Sep 69

OCCURRENCE

[Toxic adenoma of the thyroid (study of 120 cases)] Papalia D, et al.
Folia Endocr (Roma) 21:501-28, Aug 68 (Ita)

PATHOLOGY

[Histochemical changes in the adrenal cortex in rats with experimental thyreotoxicosis] Jonek J, et al.
Endokr Pol 20:331-41, 1969 (Pol)

[Vital puncture biopsy of liver in toxic goiter] Akhunbaev IK, et al.
Probl Endokr (Moskva) 15:19-22, Mar-Apr 69 (Rus)

PHYSIOPATHOLOGY

Heart mitochondrial function in acute and in chronic hyperthyroidism in rats. Platnek-Leunissen DA, et al.
Circ Res 25:171-81, Aug 69

Effect of endocrines on central nervous system. II. Reikin R.
New York J Med 69:2248-65, 15 Aug 69 (279 ref.)

[Interactions of catecholamines and thyroxine on contractibility of cat papillary muscle] Pannier JL.
J Physiol (Paris) 60:Suppl 2:508, 1968 (Fre)

[Role of hormones in magnesium metabolism] Blahos J.
Sem Hop Paris 45:1895-900, 8 Jun 69 (71 ref.) (Fre)

[Responsibility of the adrenergic sympathetic system in the hyperkinetic cardiovascular syndrome of hyperthyroidism. Study with adrenergic anatagonists] Barbaresi F, et al.
G Clin Med 48:1280-301, Dec 67 (Ita)

[The thyroid gland function at remote periods after I-131 treatment of patients with thyrotoxicosis] Dybovyĭ ED, et al.
Probl Endokr (Moskva) 13:8-22, May-Jun 67 (Rus)

[The effect of thyroid hormones on the reactivity of adrenergic and cholinergic formations of the nervous system] Gol'ber LM, et al.
Probl Endokr (Moskva) 15:77-83, Mar-Apr 69 (Rus)

[Reflex effects of skeletal musculature on some indices of the state of the cardiovascular system in patients with thyrotoxicosis] Kaplan PM, et al.
Probl Endokr (Moskva) 15:32-6, Mar-Apr 69 (Rus)

[Adrenal gland function in thyrotoxicosis] Povolotskaia GM, et al.
Probl Endokr (Moskva) 15:17-22, May-Jun 69 (Rus)

[Effect of protein blood substitutes on the functional activity of the thyroid gland in thyreotoxicosis] Korvatskiĭ BG. **Vrach Delo 5:93-5, May 67 (Rus)**

[Functional state of the stomach and erythropoiesis in patients with endemic goiter and thyrotoxicosis] Sakharchuk II. **Vrach Delo 10:59-62, Oct 67 (Rus)**

RADIOTHERAPY

Treatment of thyrotoxicosis with low doses of radioactive iodine. Goolden AW, et al.
Brit Med J 3:442-3, 23 Aug 69

Effect of pretreatment with carbimazole in patients with thyrotoxicosis subsequently treated with radioactive iodine. Goolden AW, et al.
Brit Med J 3:443-4, 23 Aug 69

Late results of fractionated radioiodine therapy. Follow-up studies of hyperthyroidism after 2 to 11 years. Reinwein D, et al.
German Med Monthly 14:234-8, May 69

Study of possible factors inducing hypothyroidism after I-131 treatment in hyperthyroidism. Chen FW.
J Formosan Med Ass 68:63-79, 28 Feb 69

Changes in the ankle jerk time during the course of radioiodine treatment of hyperthyroidism. Zamrazil V, et al. **Rev Franc Etud Clin Biol 14:377-80, Apr 69**

[Results of therapy of thyrotoxicosis with radioactive iodine from the viewpoint of complications and dosimetry] Röhling S, et al.
Cas Lek Cesk 108:1043-9, Jul 69 (Cze)

[Treatment of Basedow hyperthyroidism by protracted doses of radioactive iodine] Reboul J, et al.
Sem Hop Paris 45:1884-94, 8 Jun 69 (Fre)

[Experience in determination of thyroid gland antibodies] Sievers P, et al.
Z Ges Inn Med 24:Suppl:101-3, 1 Apr 69 (Ger)

SURGERY

Total thyroidectomy in the management of thyrotoxic and euthyroid Graves' disease. Catz B, et al.
Amer J Surg 118:434-9, Sep 69

Surgical treatment of thyroid disease. Graham WP 3d.
Delaware Med J 41:205-8, Jul 69

[Therapy of thyrotoxicosis]
Helv Med Acta Suppl 48:63+, May 68 (Ger)

[Indications for the resection of benign goiter] Bünte H. **Med Mschr 23:154-7, Apr 69 (Ger)**

[Beta-receptor blocking agents in the preparation for surgery in hyperthyroidism] Dichtl K, et al.
Wien Med Wschr 119:476-80, 21 Jun 69 (Ger)

[Follow-up studies in 300 strumectomized patients] Fleischhacker H, et al.
Wien Med Wschr 119:512-4, 5 Jul 69 (Ger)

[Remote results of surgical treatment of patients with thyrotoxicosis] Narychev AA, et al.
Probl Endokr (Moskva) 13:7-13, May-Jun 67 (Rus)

[The effect of operations on the thyroid gland on the process of autoimmunization to the components of the thyroid tissue] Sidorov KA.
Probl Endokr (Moskva) 13:13-7, May-Jun 67 (Rus)

[Changes in the content of sialic acids in the blood serum of patients with endemic goiter before and after the operation] Udod VM, et al.
Probl Endokr (Moskva) 14:45-7, May-Jun 68 (Rus)

THERAPY

Thyroid nodule: some further comments. Frelick RW.
Delaware Med J 41:225-6, Jul 69

Treatment of hyperthyroidism. Hershman JM.
Mod Treatm 6:497-515, May 69

The hyperfunctioning thyroid nodule. Morton WM, et al. **Southern Med J 62:1036-41, Sep 69**

[Results of therapy of thyrotoxicosis with radioactive iodine from the viewpoint of complications and dosimetry] Röhling S, et al.
Cas Lek Cesk 108:1043-9, Jul 69 (Cze)

[Therapy of thyrotoxicosis]
Helv Med Acta Suppl 48:63+, May 68 (Ger)

[Toxic adenoma of the thyroid (study of 120 cases)] Papalia D, et al.
Folia Endocr (Roma) 21:501-28, Aug 68 (Ita)

[Basic principles of medical treatment of thyroid diseases] Seyahi V.
Turk Tip Cem Mec 35:227-35, Apr 69 (Tur)

URINE

ACTH-excess and increased urinary pressor activity. Limaye NR, et al. **Exp Med Surg 25:178-84, 1967**

[Hydroxyproline determination in the urine for diagnosis of thyroid function] Langness U, et al.
Med Klin 64:1111-4, 13 Jun 69 (Ger)

[Clinical observation on urinary free 11-OHCS] Kawai A, et al. **Clin Endocr (Tokyo) 17:437-40, May 69 (Jap)**

[Estrogen excretion in patients with toxic goiter associated with gynecomastia] Zhizhina SA, et al.
Probl Endokr (Moskva) 15:16-8, Mar-Apr 69 (Rus)

HYPOTHYROIDISM

The course of radiation disease in hyper-and hypothyreotic rats. Slebodziński A, et al.
Folia Biol (Krakow) 17:145-58, 1969

[Eye symptoms in thyroid gland diseases] Studer H.
Ther Umsch 26:355-7, Jun 69 (Ger)

[Studies on the regulation of thyroid hormone secretion, with special emphasis on the effect of acute reduction of thyroid hormones in the blood] Suematsu H.
Folia Endocr Jap 45:29-44, 20 Apr 69 (Jap)

[Cryptothyroidism] Abe H, et al.
Naika 23:727-32, Apr 69 (Jap)

BLOOD

Post heparin plasma lipoprotein lipase activity in thyroid disease. Kirkeby K.
Acta Endocr (Kobenhavn) 59:555-63, Dec 68

Free thyroxine in serum and its use in clinical diagnosis. Liewendahl K, et al.
Acta Endocr (Kobenhavn) 61:343-58, Jun 69

Fatty acid composition of the plasma lipids in hypothyroid subjects. Dyerberg J.
Acta Med Scand 184:441-9, Nov 68

Plasma glycerol and glycerol turnover during treatment of hyperthyroidism. Tibbling G, et al.
Clin Chim Acta 25:189-98, Aug 69

Cerebrospinal fluid thyroxine. Hansen JM, et al.
J Clin Endocr 29:1023-6, Aug 69

Influence of heparin on serum free thyroxine. Schatz DL, et al. **J Clin Endocr 29:1015-22, Aug 69**

[Effects of D-thyroxine on PB127I in the serum. (Studies in hyper- and hypothyroidism)] Krüskemper HL, et al.
Acta Endocr (Kobenhavn) 61:359-68, Jun 69 (Ger)

[Demonstration of thyroid gland antibodies by the Boyden test] Meng S, et al.
Z Ges Inn Med 24:Suppl:98-101, 1 Apr 69 (Ger)

[Thyroid gland function in diabetes] Schieche M, et al.
Z Ges Inn Med 24:307-8, 15 May 69 (Ger)

[Basic and clinical studies on the cell count of circulating basophils and eosinophils] Arase S.
Iryo 23:306-17, Mar 69 (Jap)

[Progress in thyroid hormone determination] Nagataki S. **Naika 24:73-9, Jul 69 (19 ref.) (Jap)**

[Blood serum protein fractions in the patients with disturbed thyroid gland function] Balen SA, et al.
Probl Endokr (Moskva) 13:26-30, May-Jun 67 (Rus)

[Determination by various methods of the content of sialic acids in blood serum of patients with endemic

goiter] Kuz'mak NI.
Probl Endokr (Moskva) 15:10-3, Jan-Feb 69 (Rus)
[Protin-bound iodine and the content of thyroid hormones i the blod o patients with autoimmune thyroiditis] Stepanov GS, et al.
Probl Endokr (Moskva) 15:3-6, Jan-Feb 69 (Rus)

CEREBROSPINAL FLUID

Cerebrospinal fluid thyroxine. Hansen JM, et al.
J Clin Endocr 29:1023-6, Aug 69

CHEMICALLY INDUCED

Lithium-induced thyroid disturbance: case report and review. Shopsin B, et al.
Compr Psychiat 10:215-23, May 69
Alteration by neonatal hypothyroidism of the critical period for the induction of persistent estrus in the rat. Kikuyama S. Endocr Jap 16:269-73, Apr 69
The course of radiation disease in hyper-and hypothyreotic rats. Slebodziński A, et al.
Folia Biol (Krakow) 17:145-58, 1969
Changes in the ankle jerk time in the course of radiothyroidectomy and the treatment of subsequent hypothyroidism. Váňa S, et al.
Rev Franc Etud Clin Biol 14:380-3, Apr 69
Importance of mucopolysaccharides in the development of the protective hepatotropic effect of hypothyrosis. Kulcsár A, et al.
Tohoku J Exp Med 97:373-84, Apr 69
The rat erythrocyte in induced hyper- and hypothyroidism. Isaacs A. W Afr Med J 18:50-5, Apr 69
[Results of therapy of thyrotoxicosis with radioactive iodine from the viewpoint of complications and dosimetry] Röhling S, et al.
Cas Lek Cesk 108:1043-9, Jul 69 (Cze)
[The effect of galascorbin on oxidative phosphorylation in liver mitochondria in hypothyreosis] Pokotilenko GM.
Vrach Delo 12:23-5, Dec 67 (Rus)

COMPLICATIONS

Target gland insufficiency and puituary tumours. Leiba S, et al. Acta Endocr (Kobenhavn) 60:112-20, Jan 69
Fatty acid composition of the plasma lipids in hypothyroid subjects. Dyerberg J.
Acta Med Scand 184:441-9, Nov 68
Lymph flow and131-I-albumin resorption from pericardial effusions in man. Hollenberg M, et al.
Amer J Cardiol 24:514-22, Oct 69
Autoimmune thyroid disease in children with mongolism. Aarskog D.
Arch Dis Child 44:454-60, Aug 69
Intestinal obstruction and hypothyroidism. Cole P, et al. Brit Med J 3:655-6, 13 Sep 69
Psychotic states resulting from disorders of thyroid function. Clower CG, et al.
Johns Hopkins Med J 124:305-10, Jun 69
[Effect of thyroidectomy on the development of obesity] Feix C, et al. Sborn Lek 71:185-8, Jul 69 (Cze)
[Antidiuretic state with hyponatremia in the course of hypothyroidism] Raymond JP.
Presse Med 76:2377-8, 21 Dec 68 (Fre)
[Histological, serum enzyme and electromyographic studies in thyreomyopathies in children (research on hypothroid patients)] Iafusco F, et al.
Pediatria (Napoli) 75:893-913, 31 Dec 67 (Ita)
[Postnatal hemolytic anemia presumably after chronic hepatitis] Kakishita E, et al.
Acta Haemat Jap 31:1180, Dec 68 (Jap)
[Preliminary results in studies of aminoaciduria in progressive muscular dystrophy] Górecka A.
Neurol Neurochir Pol 3:431-8, Jul-Aug 69 (Pol)
[Radiological appearance of the peridental compact lamina in hypothyroidism in children] Rybakowa M, et al. Pol Tyg Lek 24:1169-71, 28 Jul 69 (Pol)
[Clinical conferences: hypothyroidism]
Lakartidningen 66:2982-7, Jul 69 (Swe)

CONGENITAL

[Neonatal goiter with secondary hypothyroidism due to absorption of iodides by the mother] Hooft C, et al.
Bruxelles Med 47:249-55, 5 Mar 67 (Fre)
[Studies on the cerebral bioelectric activity of children with congenital hypothyroidism] Blaim A, et al.
Neurol Neurochir Pol 3:439-44, Jul-Aug 69 (Pol)

DIAGNOSIS

The influence of triiodothyronine (T3) treatment on the resin uptake of 131I-triiodothyronine. Dussault J, et al. Acta Endocr (Kobenhavn) 61:441-8, Jul 69
Simplification of determination of serum thyroxine iodine by competitive binding analysis. Nusynowitz ML, et al. Amer J Roentgen 106:791-3, Aug 69
[Study of thyroid hormone synthesis in a patient with congenital goiter] Peyrin JO, et al.
Rev Franc Etud Clin Biol 14:459-65, May 69 (Fre)
[Hydroxyproline determination in the urine for diagnosis of thyroid function] Langness U, et al.
Med Klin 64:1111-4, 13 Jun 69 (Ger)
[Studies on the registration and evaluation of the Achilles tendon reflex in the framework of thyroid gland diagnosis] Männchen E, et al.
Z Ges Inn Med 24:301-6, 15 May 69 (Ger)
[Findings on induced hypercalcemia in hypothyroid patients] Iafusco F, et al.
Pediatria (Napoli) 75:874-81, 31 Dec 67 (Ita)
[Advances and problems in TSH measurement] Miyai K, et al.
Clin Endocr (Tokyo) 17:253-60, Apr 69 (41 ref.) (Jap)
[Analytical studies on the relationship between thyroid function tests by means of the "theory of quantification," with proposal of the formulae for estimation of protein-bound iodine and basal metabolic rate] Sekiya M.
Folia Endocr Jap 45:45-64, 20 Apr 69 (Jap)
[Early diagnosis and treatment of hyperthyroidism and hypothyroidism] Shizume K.
Naika 23:1209-13, Jun 69 (Jap)
[Electroneurophysiological studies (electroencephalography and electromyography) in hypothyroid children] Turner M, et al.
Prensa Med Argent 54:1964-8, 27 Oct 67 (Spa)

DRUG THERAPY

The influence of triiodothyronine (T3) treatment on the resin uptake of 131I-triiodothyronine. Dussault J, et al. Acta Endocr (Kobenhavn) 61:441-8, Jul 69
Peri-arteritis retinalis segmentalis. Rask JA.
Acta Ophthal (Kobenhavn) 47:234-7, 1969
Occult factitial thyrotoxicosis. Thyroxine kinetics and psychological evaluation in three cases. Rose E, et al.
Ann Intern Med 71:309-15, Aug 69
Intestinal obstruction and hypothyroidism. Cole P, et al. Brit Med J 3:655-6, 13 Sep 69
Treatment of hypothyroidism and myxedema coma. Nicoloff JT. Mod Treatm 6:465-73, May 69
Treatment of hypothyroidism with synthetic thyroid hormones. Bakke JL, et al.
Northwest Med 68:651-6, Jul 69
[Determination of growth hormone (HGH) in hypothyroid children before and after treatment] Haour F, et al.
C R Soc Biol (Paris) 162:2112-5, 1968 (Fre)
[Gastric mucosa findings in primary hypothyroidism] Lieschke HJ, et al.
Z Ges Inn Med 24:Suppl:108-9, 1 Apr 69 (Ger)
[Electroencephalographic changes in hypothyroidism. Effects of L-triiodothyronine and triiodothyropropionic acid therapy] Benedetti A, et al. Riv Pat Nerv Ment 88:547-58, Dec 67 (Ita)
[Early diagnosis and treatment of hyperthyroidism and hypothyroidism] Shizume K.
Naika 23:1209-13, Jun 69 (Jap)
[The effect of galascorbin on oxidative phosphorylation in liver mitochondria in hypothyreosis] Pokotilenko GM.
Vrach Delo 12:23-5, Dec 67 (Rus)
[Basic principles of medical treatment of thyroid diseases] Seyahi V.
Turk Tip Cem Mec 35:227-35, Apr 69 (Tur)

ETIOLOGY

Study of possible factors inducing hypothyroidism after I-131 treatment in hyperthyroidism. Chen FW.
J Formosan Med Ass 68:63-79, 28 Feb 69
Induction of myxedema by iodide in patients euthyroid after radioiodin or surgical treatment of diffuse toxic goiter. Braverman LE, et al.
New Eng J Med 281:816-21, 9 Oct 69
[Pseudohypothyroidism produced by hypercholesterolemic xanthomatosis associated with Gougerot-Sjogren syndrome and exogenous iodine

overloading] Ghnassia JP, et al.
Rev Franc Endocr Clin 10:233-6, May-Jun 69 (Fre)
[Role of autoimmune processes in the origin of postsurgical hypothreosis] Vasiukova EA, et al.
Eksp Khir Anest 13:88-91, Jul-Aug 68 (Rus)
[Significance of immunological mechanisms in the pathogenesis of hypothroidism] Sidorov KA.
Probl Endokr (Moskva) 14:23-7, Nov-Dec 68 (Rus)
[The effect of operations on the thyroid gland on the process of autoimmunization to the components of the thyroid tissue] Sidorov KA.
Probl Endokr (Moskva) 13:13-7, May-Jun 67 (Rus)
[Immunological pathogenesis of postoperative hypothyroidism] Simeonov L, et al.
Probl Endokr (Moskva) 14:36-9, Jul-Aug 68 (Rus)
[Clinical conferences: hypothyroidism]
Lakartidningen 66:2982-7, Jul 69 (Swe)

FAMILIAL & GENETIC

The genetics of thyroid disease. Fraser GR.
Progr Med Genet 6:89-115, 1969 (113 ref.)
[Congenital hypothyroidism due to a type I hormonogenesis disorder. (3 cases in the same family and literature review)] Marie J, et al.
Ann Pediat (Paris) 16:424-36, Jun-Jul 69 (Fre)

IMMUNOLOGY

[Immunologic problems in thyroid diseases] Höfer R, et al. Z Ges Inn Med 24:Suppl:91-6 c, 15 Mar 69 (Ger)
[Demonstration of thyroid gland antibodies by the Boyden test] Meng S, et al.
Z Ges Inn Med 24:Suppl:98-101, 1 Apr 69 (Ger)
[Experience in determination of thyroid gland antibodies] Sievers P, et al.
Z Ges Inn Med 24:Suppl:101-3, 1 Apr 69 (Ger)
[Role of autoimmune processes in the origin of postsurgical hypothreosis] Vasiukova EA, et al.
Eksp Khir Anest 13:88-91, Jul-Aug 68 (Rus)
[Significance of immunological mechanisms in the pathogenesis of hypothroidism] Sidorov KA.
Probl Endokr (Moskva) 14:23-7, Nov-Dec 68 (Rus)
[Immunological pathogenesis of postoperative hypothyroidism] Simeonov L, et al.
Probl Endokr (Moskva) 14:36-9, Jul-Aug 68 (Rus)

METABOLISM

Defective deiodinase activity and abnormal thyroidal iodoproteins. Thomson JA, et al.
J Clin Endocr 29:1259-60, Sep 69
Importance of mucopolysaccharides in the development of the protective hepatotropic effect of hypothyrosis. Kulcsár A, et al.
Tohoku J Exp Med 97:373-84, Apr 69
[Qualitative data on hormone synthesis of auto- and homplastic thyroid grafts implanted in the testis of thyroid-deficient guinea pigs] Fabre M, et al.
C R Soc Biol (Paris) 163:197-200, 1969 (Fre)
[Action of thyroid hormones by the oxido-reduction state of the NAD-NADH system in vivo] Fiorentini A, et al. J Physiol (Paris) 60:Suppl 2:442-3, 1968 (Fre)
[Antidiuretic state with hyponatremia in the course of hypothyroidism] Raymond JP.
Presse Med 76:2377-8, 21 Dec 68 (Fre)
[The influence of the thyroid gland state on enzyme activity of glycogen metabolism of the rat skeletal muscles] Krause EG, et al.
Acta Biol Med German 21:615-24, 1968 (Ger)
[Effects of the functional state of the thyroid gland on the metabolism of estrogens in the microsome fraction of rat liver] Lehmann WD, et al.
Acta Endocr (Kobenhavn) 61:461-76, Jul 69 (Ger)
[On the metabolism of the myocardium in alloxan diabetes and in combination with thyroxine toxicosis or hypothyrosis] Stroev' EA, et al.
Kardiologiia 9:134-8, Jun 69 (Rus)
[Serotonin metabolism in patients with disturbed thyroid gland function] Golovach AP.
Probl Endokr (Moskva) 14:97-100, May-Jun 68 (Rus)
[Changes of heat exchange in rabbits with experimental hypothyroidism at the initial peroids of adaptation to moderately low external temperature] Medvedeva GI.
Probl Endokr (Moskva) 14:100-4, May-Jun 68 (Rus)
[Fractional pattern of proteins of kidneys and liver in albino rats in various functional states of the thyroid gland] Sokolova ZA, et al.
Probl Endokr (Moskva) 15:87-90, Mar-Apr 69 (Rus)
[Clinical conferences: hypothyroidism]
Lakartidningen 66:2982-7, Jul 69 (Swe)

NURSING

Nursing management of patients with thyroid dysfunction. Davio EL.
J Pract Nurs 19:33 passim, Sep 69

OCCURRENCE

Treatment of thyrotoxicosis with low doses of radioactive iodine. Goolden AW, et al.
Brit Med J 3:442-3, 23 Aug 69

PATHOLOGY

[Gastric mucosa findings in primary hypothyroidism] Lieschke HJ, et al.
Z Ges Inn Med 24:Suppl:108-9, 1 Apr 69 (Ger)
[Pathomorphologic changes of the heart muscle in hypo-and athyroidism] Zhukova NI.
Probl Endokr (Moskva) 13:92-6, May-Jun 67 (Rus)

PHYSIOPATHOLOGY

Alteration by neonatal hypothyroidism of the critical period for the induction of persistent estrus in the rat. Kikuyama S. Endocr Jap 16:269-73, Apr 69
Effect of endocrines on central nervous system. II. Relkin R.
New York J Med 69:2248-65, 15 Aug 69 (279 ref.)
Importance of mucopolysaccharides in the development of the protective hepatotropic effect of hypothyrosis. Kulcsár A, et al.
Tohoku J Exp Med 97:373-84, Apr 69
[Electroencephalographic changes in hypothyroidism. Effects of L-triiodothyronine and triiodothyropropionic acid therapy] Benedetti A, et al. Riv Pat Nerv Ment 88:547-58, Dec 67 (Ita)
[Studies on the cerebral bioelectric activity of children with congenital hypothyroidism] Blaim A, et al.
Neurol Neurochir Pol 3:439-44, Jul-Aug 69 (Pol)
[Phase analysis of the cardiac activity in hypothyroidism] Shul'man VA.
Probl Endokr (Moskva) 15:52-5, Mar-Apr 69 (Rus)
[State of diuresis and basic processes of uropoiesis in experimental hypothroidism] Totrova EA.
Probl Endokr (Moskva) 15:73-6, Jan-Feb 69 (Rus)

PREVENTION & CONTROL

Total thyroidectomy in the management of thyrotoxic and euthyroid Graves' disease. Catz B, et al.
Amer J Surg 118:434-9, Sep 69

RADIOGRAPHY

[Radiological appearance of the peridental compact lamina in hypothyroidism in children] Rybakowa M, et al. Pol Tyg Lek 24:1169-71, 28 Jul 69 (Pol)

RADIOTHERAPY

Changes in the ankle jerk time in the course of radiothyroidectomy and the treatment of subsequent hypothyroidism. Váňa S, et al.
Rev Franc Etud Clin Biol 14:380-3, Apr 69

THERAPY

[The effect of preoperative preparation and strumectomy on the blood hormonal iodine level in patients with toxic and euthyroid goiter] Ionin ML.
Probl Endokr (Moskva) 13:22-6, May-Jun 67 (Rus)

URINE

[Hydroxyproline determination in the urine for diagnosis of thyroid function] Langness U, et al.
Med Klin 64:1111-4, 13 Jun 69 (Ger)

MYXEDEMA

Pregnancy and acromegaly. Stanton SL.
Proc Roy Soc Med 62:835, Aug 69
[Effect of thyroidectomy on the development of obesity] Felx C, et al. Sborn Lek 71:185-8, Jul 69 (Cze)
[Congenital hypothyroidism due to a type I hormonogenesis disorder. (3 cases in the same family

and literature review)] Marie J, et al.
Ann Pediat (Paris) 16:424-36, Jun-Jul 69 (Fre)

BLOOD

Induction of myxedema by iodide in patients euthyroid after radioiodin or surgical treatment of diffuse toxic goiter. Braverman LE, et al.
New Eng J Med 281:816-21, 9 Oct 69
[Automated determination of hormonal iodine in the plasma: methodology, experimental study, clinical application] Jaffiol C, et al.
Rev Franc Endocr Clin 10:7-30, Jan-Feb 69 (Fre)

CHEMICALLY INDUCED

Induction of myxedema by iodide in patients euthyroid after radioiodin or surgical treatment of diffuse toxic goiter. Braverman LE, et al.
New Eng J Med 281:816-21, 9 Oct 69

COMPLICATIONS

Uveal effusion as a sign of myxoedema. Richardson J, et al. Brit J Ophthal 53:557-60, Aug 69
Indomethacin therapy in rheumatic disorders. Chhetri MK, et al. J Indian Med Ass 52:72-6, 16 Jan 69
Psychotic states resulting from disorders of thyroid function. Clower CG, et al.
Johns Hopkins Med J 124:305-10, Jun 69
Treatment of hypothyroidism and myxedema coma. Nicoloff JT. Mod Treatm 6:465-73, May 69
Pituitary enlargement with longstanding myxoedema. Patel YC, et al. New Zeal Med J 70:21-3, Jul 69
[A few patients with anemia] Dommelen CK van, et al.
Nederl T Geneesk 113:1369-70, 2 Aug 69 (Dut)
[Congenital goiter in the same family. Clinical biological, isotope study] Jaffiol C, et al.
Rev Franc Endocr Clin 10:57-65, Jan-Feb 69 (Fre)
[A case of mononeuritis multiplex hypertrophicans in the Arndt-Gottron scleromyxedema. A contribution to the clinical picture of neuritic diseases in paraproteinemias] Hallen O.
Deutsch Z Nervenheilk 196:85-91, 1969 (Ger)
[On the simultaneous occurrence of diabetes mellitus and myxedema] Hadnagy C.
Z Aerzti Fortbild (Jena) 63:511-3, 1 May 69 (Ger)
[Hashimoto's disease] Suzuki H.
Clin Endocr (Tokyo) 17:457-61, May 69 (24 ref.) (Jap)
[Clinical experience in myxedematous coma] Prieto ME, et al. Rev Med Chile 97:237-41, Apr 69 (Spa)

DIAGNOSIS

Protein-bound iodine during antithyroid treatment. Christensen LK, et al.
Acta Med Scand 185:483-7, Jun 69

DRUG THERAPY

Occult factitial thyrotoxicosis. Thyroxine kinetics and psychological evaluation in three cases. Rose E, et al.
Ann Intern Med 71:309-15, Aug 69
Uveal effusion as a sign of myxoedema. Richardson J, et al. Brit J Ophthal 53:557-60, Aug 69
[Serotonin metabolism disorders during early myxedema] Kliachko VR, et al.
Vop Med Khim 14:577-80, Nov-Dec 68 (Rus)

ETIOLOGY

Target gland insufficiency and pultuary tumours. Leiba S, et al. Acta Endocr (Kobenhavn) 60:112-20, Jan 69
[Treatment of Basedow hyperthyroidism by protracted doses of radioactive iodine] Reboul J, et al.
Sem Hop Paris 45:1884-94, 8 Jun 69 (Fre)

FAMILIAL & GENETIC

Genetic aspects of autoimmunity. Fialkow PJ.
Progr Med Genet 6:117-67, 1969 (219 ref.)
[Bronchial asthma, hypothyroidism (myxedema) and glaucoma in homozygous twins] Kessler A.
Dapim Refuiim 27:314-8, Dec 68 (Heb)

IMMUNOLOGY

Organ-specific antibodies in idiopathic panhypopituitarism, primary thyroid and adrenal insufficiency. Nerup J, et al.
Acta Med Scand 185:293-6, Apr 69
Can LATS be detected by immunofluorescence? Beall GN, et al. J Clin Endocr 29:1114-6, Aug 69
[Immunologic problems in thyroid diseases] Höfer R, et al. Z Ges Inn Med 24:Suppl:91-6 c, 15 Mar 69 (Ger)
[Immunologic problems in thyroid diseases] Höfer R, et al. Z Ges Inn Med 24:Suppl:97-8 f, 1 Apr 69 (Ger)
[Experience in determination of thyroid gland antibodies] Sievers P, et al.
Z Ges Inn Med 24:Suppl:101-3, 1 Apr 69 (Ger)

METABOLISM

Cytoplasmic fluorescence of thyroid follicle cells after incubation with thyroid stimulating hormone. Vanhaelst L, et al. Z Ges Exp Med 150:1-6, 1969
[On the simultaneous occurrence of diabetes mellitus and myxedema] Hadnagy C.
Z Aerzti Fortbild (Jena) 63:511-3, 1 May 69 (Ger)
[Serotonin metabolism disorders during early myxedema] Kliachko VR, et al.
Vop Med Khim 14:577-80, Nov-Dec 68 (Rus)

PATHOLOGY

[Electron microscopic study of the changes of the connective tissue in pretibial myxedema] Dadoune JP, et al. Path Biol (Paris) 16:1053-60, Dec 68 (Fre)

PHYSIOPATHOLOGY

[Antidiuretic state with hyponatremia in the course of hypothyroidism] Raymond JP.
Presse Med 76:2377-8, 21 Dec 68 (Fre)
[The effect of triiodothyronine on the veral function in patients with primary myxedema] Kliachko VR, et al.
Probl Endokr (Moskva) 14:31-4, Nov-Dec 68 (Rus)

URINE

ACTH-excess and increased urinary pressor activity. Limaye NR, et al. Exp Med Surg 25:178-84, 1967

THYROID CRISIS

[Case of thyroid crisis developing after cesarean section] Tachibana T, et al.
Naika 23:987-91, May 69 (Jap)

PATHOLOGY

Fever, tachycardia and goiter. Smith C.
Med Ann DC 38:442-5 passim, Aug 69

PREVENTION & CONTROL

[Beta-receptor blocking agents in the preparation for surgery in hyperthyroidism] Dichtl K, et al.
Wien Med Wschr 119:476-80, 21 Jun 69 (Ger)

THYROID DISEASES

Prevalence of physical illness in parents of identical twins discordant for schizophrenia. Guggenheim FG, et al. Psychosom Med 31:288-99, Jul-Aug 69
[Thyroid nodule: diagnostic and therapeutic problems] Jaffiol C. Sem Hop Paris 45:2031-2, 20 Jun 69 (Fre)
[Some peculiarities of the diagnosis and surgical treatment of echinococcosis of the thyroid gland] Anikandrov BV. Klin Khir (Kiev) 5:61-3, May 67 (Rus)
[Actinomycosis of the thyroid gland] Minsker OB.
Probl Endokr (Moskva) 15:57-9, Mar-Apr 69 (Rus)
[Thyroid diseases] Wijnbladh H.
Svensk Tandlak T 62:27-32 contd, Jan 69 (Swe)
[Thyroid diseases and autoimmunity] Ilter G.
Turk Tip Cem Mec 35:221-6, Apr 69 (Tur)

BLOOD

[Effect of human growth hormone on fatty acids in lipid fractions of the serum in persons with thyroid diseases] Felt V, et al.
Cas Lek Cesk 108:923-8, 18 Jul 69 (Cze)
[Hydroxyproline determination in the urine for diagnosis of thyroid function] Langness U, et al.
Med Klin 64:1111-4, 13 Jun 69 (Ger)
[Demonstration of thyroid gland antibodies by the Boyden test] Meng S, et al.
Z Ges Inn Med 24:Suppl:98-101, 1 Apr 69 (Ger)

[Clinical and experimental studies on the contact factor. I. Contact factor activity in various dieases] Ito M. Acta Haemat Jap 31:1142-54, Dec 68 (Jap)

COMPLICATIONS

Autoimmune thyroid disease in children with mongolism. Aarskog D.
Arch Dis Child 44:454-60, Aug 69
Psychotic states resulting from disorders of thyroid function. Clower CG, et al.
Johns Hopkins Med J 124:305-10, Jun 69
[Thyroid gland function in diabetes] Schieche M, et al. Z Ges Inn Med 24:307-8, 15 May 69 (Ger)
[Secondary hypoparathyroidism (clinical and metabolic studies on 1344 cases of thyroidectomy)] Molinatti GM, et al.
Folia Endocr (Roma) 21:447-58, Aug 68 (Ita)
[Bilateral giant coral-shaped nephrolithiasis] Merli E, et al. Minerva Urol 19:238-43, Sep-Oct 67 (Ita)
[Disturbances of thyrocalcitonin secretion in clinical practice] Araszkiewicz Z.
Pol Arch Med Wewnet 42:955-63, Jun 69 (Pol)

DIAGNOSIS

Free thyroxine in serum and its use in clinical diagnosis. Liewendahl K, et al.
Acta Endocr (Kobenhavn) 61:343-58, Jun 69
The use of the gamma camera and rectilinear scanning for demonstrating organs other than the kidney. McCready VR. Brit J Urol Suppl:58-63, Aug 69
Recent advances in the diagnosis of the diseases of the thyroid. Rall JE.
Clin Chim Acta 25:339-44, Aug 69 (16 ref.)
Radioisotope scanning in internal medicine. Ephraim KH. Folia Med Neerl 11:100-37, 1968 (23 ref.)
Indications for mediastinoscopy. Rossi NP, et al.
Geriatrics 24:132-6, Sep 69
Loss of pertechnetate from the human thyroid. Shimmins JG, et al. J Nucl Med 10:637-40, Oct 69
Digital-computer interpretation of radioisotope distribution patterns. Sprawls P Jr.
J Nucl Med 10:618-20, Oct 69
Psychotic states resulting from disorders of thyroid function. Clower CG, et al.
Johns Hopkins Med J 124:305-10, Jun 69
The ankle-jerk and thyroid activity.
Lancet 2:257-8, 2 Aug 69
[Hydroxyproline determination in the urine for diagnosis of thyroid function] Langness U, et al. Med Klin 64:1111-4, 13 Jun 69 (Ger)
[Follow-up studies in 300 strumectomized patients] Fleischhacker H, et al.
Wien Med Wschr 119:512-4, 5 Jul 69 (Ger)
[The thyroid gland--computer diagnosis of the thyroid scintigrams] Yasukochi H.
Jap J Cancer Clin 15:228-32, Mar 69 (Jap)
[Study of thyroid function] Urgancioğlu I.
Turk Tip Cem Mec 35:214-20, Apr 69 (Tur)

ETIOLOGY

Acute haemorrhage into the thyroid gland following trauma and causing respiratory distress. Grace RH, et al. Brit J Surg 56:635-7, Aug 69
[Thyroid complications of under feeding in domestic ducks] Assenmacher I, et al.
J Physiol (Paris) 60:Suppl 2:342-3, 1968 (Fre)

FAMILIAL & GENETIC

The genetics of thyroid disease. Fraser GR.
Progr Med Genet 6:89-115, 1969 (113 ref.)
[Inborn errors of hormone synthesis] Imura H, et al. Saishin Igaku 24:1176-86, Jun 69 (65 ref.) (Jap)

IMMUNOLOGY

[Our experience with immunologic studies in thyroid diseases] Bratkowska-Seniów B, et al.
Z Ges Inn Med 24:Suppl:106-7, 1 Apr 69 (Ger)
[Immunologic problems in thyroid diseases] Höfer R, et al. Z Ges Inn Med 24:Suppl:97-8 f, 1 Apr 69 (Ger)
[Immunologic problems in thyroid diseases] Höfer R, et al. Z Ges Inn Med 24:Suppl:91-6 c, 15 Mar 69 (Ger)
[Demonstration of thyroid gland antibodies by the Boyden test] Meng S, et al.
Z Ges Inn Med 24:Suppl:98-101, 1 Apr 69 (Ger)
[Experience in determination of thyroid gland antibodies] Sievers P, et al.
Z Ges Inn Med 24:Suppl:101-3, 1 Apr 69 (Ger)
[Autoconduction (phenomenon of autoimmunological growth stimulation) in neoplasms and some other diseases of the thyroid gland] Sidorov KA.
Probl Endokr (Moskva) 14:94-6, May-Jun 68 (Rus)
[The effect of surgical intervention on the phagocytic activity of leukocytes in some diseases of the thyroid gland] Simeonov L.
Probl Endokr (Moskva) 13:30-3, May-Jun 67 (Rus)

METABOLISM

[Inborn errors of hormone synthesis] Imura H, et al. Saishin Igaku 24:1176-86, Jun 69 (65 ref.) (Jap)
[Serotonin metabolism in patients with disturbed thyroid gland function] Golovach AP.
Probl Endokr (Moskva) 14:97-100, May-Jun 68 (Rus)
[Fractional pattern of proteins of kidneys and liver in albino rats in various functional states of the thyroid gland] Sokolova ZA, et al.
Probl Endokr (Moskva) 15:87-90, Mar-Apr 69 (Rus)

PATHOLOGY

Fever, tachycardia and goiter. Smith C.
Med Ann DC 38:442-5 passim, Aug 69

PHYSIOPATHOLOGY

[The thyroid gland and anesthesia] Simone M, et al. Acta Anaesth (Padova) 19:Suppl 4:145+, 1968 (124 ref.) (Ita)
[Thyroid function test with the TBI-kit] Kinoshita F, et al. Rinsho Hosha 14:323-8, Apr 69 (Jap)

RADIOTHERAPY

[Symposium: Epidemiology of leukemia in Japan. Etiologic role of ionizing radiation on the development of leukemia: clinical and statistical studies on leukemia in patients treated with radioiodine and in atomic bomb survivors] Hoshino T.
Acta Haemat Jap 31:825-31, Oct 68 (Jap)

SURGERY

[Follow-up studies in 300 strumectomized patients] Fleischhacker H, et al.
Wien Med Wschr 119:512-4, 5 Jul 69 (Ger)
[The thyroid gland and anesthesia] Simone M, et al. Acta Anaesth (Padova) 19:Suppl 4:145+, 1968 (124 ref.) (Ita)
[The role of the diaphragm as a supplementary factor in the genesis of postoperative atelectasis] Lukomskiĭ GI, et al. Eksp Khir Anest 12:94-7, Mar-Apr 67 (Rus)
[Some peculiarities of the diagnosis and surgical treatment of echinococcosis of the thyroid gland] Anikandrov BV. Klin Khir (Kiev) 5:61-3, May 67 (Rus)

THERAPY

[Actinomycosis of the thyroid gland] Minsker OB.
Probl Endokr (Moskva) 15:57-9, Mar-Apr 69 (Rus)
[Some problems of the dispensarization of patients] Khomenko PV, et al. Vrach Delo 6:121-4, Jun 69 (Rus)
[Basic principles of medical treatment of thyroid diseases] Seyahi V.
Turk Tip Cem Mec 35:227-35, Apr 69 (Tur)

URINE

ACTH-excess and increased urinary pressor activity. Limaye NR, et al. Exp Med Surg 25:178-84, 1967
[Hydroxyproline determination in the urine for diagnosis of thyroid function] Langness U, et al. Med Klin 64:1111-4, 13 Jun 69 (Ger)

THYROID GLAND

ABNORMALITIES

[On primary thyroid carcinoma at the base of the tongue] Gambardella P.
Chir Ital 20:286-99, Apr 68 (Ita)
[Intrathoracic goiter of the posterior mediastinum] Shlain BI. Grudn Khir 9:118, Nov-Dec 67 (Rus)
[Goiter at the root of the tongue] Smadich VD, et al.
Probl Endokr (Moskva) 14:49-50, May-Jun 68 (Rus)

INJURIES

[Tracheotomy in hospital practice] Bolla A, et al. Ann Otolaryng (Paris) 86:407-8, Jun 69 (Fre)

THYROID NEOPLASMS

Carcinoma of the thyroid gland. Taylor S. J Roy Coll Surg Edinb 14:183-92, Jul 69
Thyroid nodules and cancer. Pittman JA Jr, et al. Mod Treatm 6:534-49, May 69
Review of thyroid carcinomas in the United Cardiff Hospitals. Wade JS. Proc Roy Soc Med 62:812-4, Aug 69
[Double thyroid and mammary cancer 28 years after neonatal irradiation] Maillet P, et al. Mem Acad Chir (Paris) 93:543-6, 1967 (Fre)
[Hypernephroma intrathyroid metastasis] Routier G, et al. Rev Franc Endocr Clin 10:121-6, Mar-Apr 69 (Fre)
[Thyroid nodule: diagnostic and therapeutic problems] Jaffiol C. Sem Hop Paris 45:2031-2, 20 Jun 69 (Fre)
[Primary chondrosarcoma of the thyroid] Jasonni V. Arch Ital Anat Istol Pat 42:328-58, 1968 (Ita)
[Case of intrathoracic goiter] Kawamura M, et al. Jap J Thorac Surg 22:295-8, Apr 69 (Jap)
[Sarcoma of the thyroid gland] Sznapka Z, et al. Nowotwory 19:125-7, Apr-Jun 69 (Pol)

BLOOD

Hypocalcemic activity of serum in patients with medullary carcinoma of the thyroid. Stephens CL, et al. Amer J Clin Path 52:170-2, Aug 69
[Automated determination of hormonal iodine in the plasma: methodology, experimental study, clinical application] Jaffiol C, et al. Rev Franc Endocr Clin 10:7-30, Jan-Feb 69 (Fre)

CHEMICALLY INDUCED

Experiments with different carcinogens in pregnant animals. Effect of blastomogenic substances on the organism during the period of embryogenesis. Napalkov NP. Food Cosmet Toxic 6:582-4, Dec 68
Naturally occurring carcinogens in foods. Wogan GN. Progr Exp Tumor Res 11:134-62, 1969 (110 ref.)

CLASSIFICATION

Carcinoma of the thyroid gland. An account of 116 operated cases. Bergfelt G, et al. Acta Chir Scand 135:127-32, 1969
[Classification of the malignant struma and its combined treatment] Röher HD. Med Welt 26:1480-4, 28 Jun 69 (Ger)

COMPLICATIONS

Other malignant neoplasms associated with carcinoma of the thyroid: thyroid carcinoma multiplex. Wyse EP, et al. Cancer 24:701-8, Oct 69
Carcinoma of the thyroid with leptomeningeal dissemination following the treatment of a toxic goitre with 131-I and methyl thiouracil. Case with a co-existing intracranial dermoid. Barnard RO, et al. J Neurol Sci 8:299-306, Mar-Apr 69
The hyperfunctioning thyroid nodule. Morton WM, et al. Southern Med J 62:1036-41, Sep 69
[Thyroiditis and thyroid cancer. (Apropos of 3 cases)] Lebreuil G, et al. Arch Anat Path (Paris) 17:A32-9, Mar 69 (Fre)
[On the observation of a fourfold cancer] Zimmermann G. Krebsarzt 24:88-92, 1969 (Ger)
[Secondary hypoparathyroidism (clinical and metabolic studies on 1344 cases of thyroidectomy)] Molinatti GM, et al. Folia Endocr (Roma) 21:447-58, Aug 68 (Ita)
[Clinicopathological studies on small cell carcinoma of the thyroid] Murata T. Folia Endocr Jap 45:80-90, 20 Apr 69 (Jap)
[Sipple's syndrome] Rev Clin Esp 113:185-6, 30 Apr 69 (Spa)

DIAGNOSIS

Carcinoma of the thyroid gland. An account of 116 operated cases. Bergfelt G, et al. Acta Chir Scand 135:127-32, 1969
Hypocalcemic activity of serum in patients with medullary carcinoma of the thyroid. Stephens CL, et al. Amer J Clin Path 52:170-2, Aug 69
Differentiation of malignant from benign lesions of the thyroid gland using complementary scanning with 75Selenomethionine and radioiodide. Thomas CG Jr, et al. Ann Surg 170:396-408, Sep 69
Irizarry S: Thyroid scanning in carcinoma of the thyroid gland. Lanaro AE. Bol Asoc Med P Rico 59:407-13, Oct 67
Symptomatology of thyroid cancer in different age groups. Sivula A. Bull Soc Int Chir 27:607-11, Nov-Dec 68
Carcinoma of the thyroid with leptomeningeal dissemination following the treatment of a toxic goitre with 131-I and methyl thiouracil. Case with a co-existing intracranial dermoid. Barnard RO, et al. J Neurol Sci 8:299-306, Mar-Apr 69
Selective uptake of radionuclides as a basis for tumor detection. Sanders TP, et al. Radiol Clin N Amer 7:257-64, Aug 69
The hyperfunctioning thyroid nodule. Morton WM, et al. Southern Med J 62:1036-41, Sep 69
[Numerical diagnosis of goiter] Bouckaert A. Nuclearmedizin 7:319-30, 31 Dec 68 (Fre)
[Scintiphotographic examination of the thyroid gland in tumor pathology] Bouckaert A, et al. Nuclearmedizin 7:331-40, 31 Dec 68 (Fre)
[Goiter and thyroid cancer] Scazziga BR. Praxis 57:1650-5, 26 Nov 68 (Fre)
[Thyroid nodule: diagnostic and therapeutic problems] Jaffiol C. Sem Hop Paris 45:2031-2, 20 Jun 69 (Fre)
[Classification of the malignant struma and its combined treatment] Röher HD. Med Welt 26:1480-4, 28 Jun 69 (Ger)
[Diagnostic value of bidimensional echography] Damascelli B, et al. Minerva Radiol 13:581-8, Oct 68 (Ita)
[Differential diagnosis of thyroid tumor using cesium radioisotopes] Uchiyama G. Jap J Cancer Clin 15:252-3, Mar 69 (Jap)
[The thyroid gland--computer diagnosis of the thyroid scintigrams] Yasukochi H. Jap J Cancer Clin 15:228-32, Mar 69 (Jap)
[Cases of tumor of the neck region. 2 cases of thyroid gland tumors misdiagnosed as hypertrophies of the subglottic space and trachea] Sekitani T, et al. Otolaryngology (Tokyo) 41:537-41, Jul 69 (Jap)
[Difficulties in the early diagnosis of malignant thyroid tumors] Witwicka Z, et al. Otolaryng Pol 23:323-8, 1969 (Pol)
[Comparative cytological and clinical diagnosis of thyroiditis] Nikitina NI, et al. Lab Delo 9:556-70, 1968 (Rus)
[Chemodectoma of the thyroid gland simulating nodular goiter] Ermulovich IaV, et al. Probl Endokr (Moskva) 14:53-5, Nov-Dec 68 (Rus)

DRUG THERAPY

[Classification of the malignant struma and its combined treatment] Röher HD. Med Welt 26:1480-4, 28 Jun 69 (Ger)

ENZYMOLOGY

[The activity of nonspecific phosphatases of the thyroid gland in diffuse toxic goiter and thyrotoxic adenoma] Liul'ka AN, et al. Probl Endokr (Moskva) 15:27-32, Mar-Apr 69 (Rus)

ETIOLOGY

Carcinoma of the thyroid with leptomeningeal dissemination following the treatment of a toxic goitre with 131-I and methyl thiouracil. Case with a co-existing intracranial dermoid. Barnard RO, et al. J Neurol Sci 8:299-306, Mar-Apr 69
Thyroid cancer due to x-ray treatment of acne. Epstein E. JAMA 209:1529-30, 8 Sep 69
[Goiter and thyroid cancer] Scazziga BR. Praxis 57:1650-5, 26 Nov 68 (Fre)
[A study of the sensitivity of various laboratory animals to Moloney sarcoma virus] Kukaĭn RA, et al. Vop Virus 14:305-9, May-Jun 69 (Rus)

FAMILIAL & GENETIC

The genetics of thyroid disease. Fraser GR. Progr Med Genet 6:89-115, 1969 (113 ref.)

IMMUNOLOGY

[Immunologic problems in thyroid diseases] Höfer R, et al. Z Ges Inn Med 24:Suppl:91-6 c, 15 Mar 69 (Ger)
[Experience in determination of thyroid gland antibodies] Sievers P, et al.
Z Ges Inn Med 24:Suppl:101-3, 1 Apr 69 (Ger)
[Autoconduction (phenomenon of autoimmunological growth stimulation) in neoplasms and some other diseases of the thyroid gland] Sidorov KA.
Probl Endokr (Moskva) 14:94-6, May-Jun 68 (Rus)
[The effect of surgical intervention on the phagocytic activity of leukocytes in some diseases of the thyroid gland] Simeonov L.
Probl Endokr (Moskva) 13:30-3, May-Jun 67 (Rus)

METABOLISM

The role of sex and iodine deficiency in the growth and function of the rat thyroid transplantable tumor. Matovinovic J, et al. Cancer Res 29:1398-406, Jul 69
Tumor sterols. Day EA, et al.
Metabolism 18:646-51, Aug 69
The hyperfunctioning thyroid nodule. Morton WM, et al. Southern Med J 62:1036-41, Sep 69
[Iodination of proteins in the human thyroid gland. (Normal and pathologic)] Etling N, et al.
Acta Endocr (Kobenhavn) 59:545-54, Dec 68 (Fre)

MORTALITY

Carcinoma of the thyroid gland. An account of 116 operated cases. Bergfelt G, et al.
Acta Chir Scand 135:127-32, 1969
Review of thyroid carcinomas in the United Cardiff Hospitals. Wade JS. Proc Roy Soc Med 62:812-4, Aug 69

OCCURRENCE

Symptomatology of thyroid cancer in different age groups. Sivula A.
Bull Soc Int Chir 27:607-11, Nov-Dec 68
Clinical observations on cancer patterns at the non-white hospital Baragwanath, Johannesburg, 1948-1964. Robertson MA.
S Afr Med J 43:915-31, 26 Jul 69
Multicentricity and management of well differentiated carcinoma in the thyroid. Tan KK.
Singapore Med J 10:117-20, Jun 69
[Therapy of thyroid carcinoma] Holsti LR.
Duodecim 85:385-92, 1969 (21 ref.) (Fin)
[Clinicopathological studies on small cell carcinoma of the thyroid] Murata T.
Folia Endocr Jap 45:80-90, 20 Apr 69 (Jap)
[Clinicopathological studies of latent carcinoma of thyroid] Takahashi S.
Folia Endocr Jap 45:65-76, 20 Apr 69 (Jap)

PATHOLOGY

Long-standing recurrent pancreatitis as manifested in parathyroid carcinoma. Scharf Y, et al.
Amer J Gastroent 52:111-5, Aug 69
Medullary carcinoma of the thyroid with hypocalcemia and diarrhea. Amer J Med 46:961-71, Jun 69
Differentiation of malignant from benign lesions of the thyroid gland using complementary scanning with 75Selenomethionine and radioiodide. Thomas CG Jr, et al. Ann Surg 170:396-408, Sep 69
Study of intraglandular dissemination of thyroid cancer. Iida F, et al. Cancer 24:764-71, Oct 69
[On a typical case of thyroid medullary carcinoma with demonstrated calcitonin hypersecretion] Gilbert-Dreyfus, et al.
Rev Franc Endocr Clin 10:205-19, May-Jun 69 (Fre)
[Unusual morphologic findings in the bone marrow smear of patients with hypernephroma and with thyrogenic adenocarcinoma] Gáspardy G Jr, et al.
Folia Haemat (Leipzig) 91:413-9, 1969 (Ger)
[Clinicopathological studies on small cell carcinoma of the thyroid] Murata T.
Folia Endocr Jap 45:80-90, 20 Apr 69 (Jap)
[Clinicopathological studies of latent carcinoma of thyroid] Takahashi S.
Folia Endocr Jap 45:65-76, 20 Apr 69 (Jap)
[A case of thyroid cancer with extension into the superior vena cava and the right heart] Krejczy K, et al. Pol Tyg Lek 24:725-6, 12 May 69 (Pol)

PHYSIOPATHOLOGY

[On a typical case of thyroid medullary carcinoma with demonstrated calcitonin hypersecretion] Gilbert-Dreyfus, et al.
Rev Franc Endocr Clin 10:205-19, May-Jun 69 (Fre)

RADIOGRAPHY

Carcinoma of the thyroid with leptomeningeal dissemination following the treatment of a toxic goitre with 131-I and methyl thiouracil. Case with a co-existing intracranial dermoid. Barnard RO, et al.
J Neurol Sci 8:299-306, Mar-Apr 69

RADIOTHERAPY

Carcinoma of the thyroid gland. An account of 116 operated cases. Bergfelt G, et al.
Acta Chir Scand 135:127-32, 1969
A universal simulator. Doornum EP van, et al.
Radiol Clin (Basel) 38:205-12, 1969
[Classification of the malignant struma and its combined treatment] Röher HD.
Med Welt 26:1480-4, 28 Jun 69 (Ger)
[Case of intrathoracic goiter] Kawamura M, et al.
Jap J Thorac Surg 22:295-8, Apr 69 (Jap)

SURGERY

Carcinoma of the thyroid gland. An account of 116 operated cases. Bergfelt G, et al.
Acta Chir Scand 135:127-32, 1969
Some recent advances in endocrine surgery. Egdahl RH. Amer J Surg 118:363-7, Sep 69 (33 ref.)
Surgical treatment of thyroid disease. Graham WP 3d.
Delaware Med J 41:205-8, Jul 69
Review of thyroid carcinomas in the United Cardiff Hospitals. Wade JS. Proc Roy Soc Med 62:812-4, Aug 69
Multicentricity and management of well differentiated carcinoma in the thyroid. Tan KK.
Singapore Med J 10:117-20, Jun 69
[Therapy of thyroid carcinoma] Holsti LR.
Duodecim 85:385-92, 1969 (21 ref.) (Fin)
[Classification of the malignant struma and its combined treatment] Röher HD.
Med Welt 26:1480-4, 28 Jun 69 (Ger)
[Follow-up studies in 300 strumectomized patients] Fleischhacker H, et al.
Wien Med Wschr 119:512-4, 5 Jul 69 (Ger)
[Clinicopathological studies on small cell carcinoma of the thyroid] Murata T.
Folia Endocr Jap 45:80-90, 20 Apr 69 (Jap)
[The effect of surgical intervention on the phagocytic activity of leukocytes in some diseases of the thyroid gland] Simeonov L.
Probl Endokr (Moskva) 13:30-3, May-Jun 67 (Rus)

THERAPY

The hyperfunctioning thyroid nodule. Morton WM, et al. Southern Med J 62:1036-41, Sep 69
[Therapy of thyroid carcinoma] Holsti LR.
Duodecim 85:385-92, 1969 (21 ref.) (Fin)
[Considerations on the treatment of thyroid cancer] Dargent M. Sem Hop Paris 43:1949-58, 20 Jun 67 (Fre)
[Thyroid nodule: diagnostic and therapeutic problems] Jaffiol C. Sem Hop Paris 45:2031-2, 20 Jun 69 (Fre)
[Therapy of thyrotoxicosis]
Helv Med Acta Suppl 48:63+, May 68 (Ger)
[Classification of the malignant struma and its combined treatment] Röher HD.
Med Welt 26:1480-4, 28 Jun 69 (Ger)

THYROIDITIS

[Clinical study of goiter (with normal thyroid function) in children, with special reference to chronic thyroititis in children] Fujimori M.
Acta Paediat Jap 73:223-35, 1 Feb 69 (Jap)
[Comparative cytological and clinical diagnosis of thyroiditis] Nikitina NI, et al.
Lab Delo 9:556-70, 1968 (Rus)

BLOOD

[Secondary subacute thyroiditis] Szántó L.
Z Ges Inn Med 24:Suppl:103-5, 1 Apr 69 (Ger)

CHEMICALLY INDUCED

Thyroiditis in Buffalo strain rats ingesting 7,12-dimethylbenz(a)anthracene. Reuber MD, et al. Experientia 25:753, 1969

COMPLICATIONS

Target gland insufficiency and pultuary tumours. Leiba S, et al. Acta Endocr (Kobenhavn) 60:112-20, Jan 69
[Takayasu's arteritis and Riedel's struma] Piroth M, et al. Arch Klin Med 216:105-15, 1969 (Ger)

DIAGNOSIS

Cytodiagnosis of thyroiditis. A comparative study of cytological, histological, immunological and clinical findings in thyroiditis, particularly in diffuse lymphoid thyroiditis. Persson PS.
Acta Med Scand Suppl 483:7+, 1968
Differentiation of malignant from benign lesions of the thyroid gland using complementary scanning with 75Selenomethionine and radioiodide. Thomas CG Jr, et al. Ann Surg 170:396-408, Sep 69
[Autoimmune thyroiditis (pathogenesis, clinical picture, diagnosis and treatment)] Aleshin BV, et al. Probl Endokr (Moskva) 14:113-7, Nov-Dec 68 (Rus)

DRUG THERAPY

Treatment of thyroiditis. Volpé R.
Mod Treatm 6:474-96, May 69
[Secondary subacute thyroiditis] Szántó L.
Z Ges Inn Med 24:Suppl:103-5, 1 Apr 69 (Ger)
[Basic principles of medical treatment of thyroid diseases] Seyahi V.
Turk Tip Cem Mec 35:227-35, Apr 69 (Tur)

ETIOLOGY

[Secondary subacute thyroiditis] Szántó L.
Z Ges Inn Med 24:Suppl:103-5, 1 Apr 69 (Ger)
[Autoimmune thyroiditis (pathogenesis, clinical picture, diagnosis and treatment)] Aleshin BV, et al. Probl Endokr (Moskva) 14:113-7, Nov-Dec 68 (Rus)

IMMUNOLOGY

Cytodiagnosis of thyroiditis. A comparative study of cytological, histological, immunological and clinical findings in thyroiditis, particularly in diffuse lymphoid thyroiditis. Persson PS.
Acta Med Scand Suppl 483:7+, 1968
Splitting of human thyroglobulin. II. Enzymatic digestion. Stylos WA, et al.
Clin Exp Immun 5:285-97, Sep 69
Can LATS be detected by immunofluorescence? Beall GN, et al. J Clin Endocr 29:1114-6, Aug 69
Auto-immunity and Hashimoto's thyroiditis. Chatterjee SN.
J Indian Med Ass 52:64-7, 16 Jan 69 (26 ref.)
Introductory remarks. Witebsky E.
Vox Sang 16:301-3, Apr 69
[Autoimmune thyroiditis (pathogenesis, clinical picture, diagnosis and treatment)] Aleshin BV, et al. Probl Endokr (Moskva) 14:113-7, Nov-Dec 68 (Rus)
[Protin-bound iodine and the content of thyroid hormones i the biod o patients with autoimmune thyroiditis] Stepanov GS, et al.
Probl Endokr (Moskva) 15:3-6, Jan-Feb 69 (Rus)

METABOLISM

Effect of experimentally induced thyroiditis on biosynthesis of thyroxine in rats. Gorman CA, et al.
Acta Endocr (Kobenhavn) 62:11-20, Sep 69
[Iodination of proteins in the human thyroid gland. (Normal and pathologic)] Etling N, et al.
Acta Endocr (Kobenhavn) 59:545-54, Dec 68 (Fre)

PATHOLOGY

Effect of experimentally induced thyroiditis on biosynthesis of thyroxine in rats. Gorman CA, et al.
Acta Endocr (Kobenhavn) 62:11-20, Sep 69
Cytodiagnosis of thyroiditis. A comparative study of cytological, histological, immunological and clinical findings in thyroiditis, particularly in diffuse lymphoid thyroiditis. Persson PS.
Acta Med Scand Suppl 483:7+, 1968

SURGERY

[Follow-up studies in 300 strumectomized patients] Fleischhacker H, et al.
Wien Med Wschr 119:512-4, 5 Jul 69 (Ger)
[Autoimmune thyroiditis (pathogenesis, clinical picture, diagnosis and treatment)] Aleshin BV, et al. Probl Endokr (Moskva) 14:113-7, Nov-Dec 68 (Rus)

THERAPY

[Autoimmune thyroiditis (pathogenesis, clinical picture, diagnosis and treatment)] Aleshin BV, et al. Probl Endokr (Moskva) 14:113-7, Nov-Dec 68 (Rus)

THYROIDITIS, LYMPHOMATOUS

[Hashimoto's disease] Suzuki H.
Clin Endocr (Tokyo) 17:457-61, May 69 (24 ref.) (Jap)
[Hashimoto's thyroiditis. (Apropos of 17 cases)] Chifan M, et al.
Rev Medicochir Iasi 73:375-80, Apr-Jun 69 (Rum)
[Thyroid diseases and autoimmunity] Iter G.
Turk Tip Cem Mec 35:221-6, Apr 69 (Tur)

COMPLICATIONS

Lithium-induced thyroid disturbance: case report and review. Shopsin B, et al.
Compr Psychiat 10:215-23, May 69
Myasthenia gravis, Hashimoto's disease and pernicious anaemia. Durston JH. Postgrad Med J 45:290-1, Apr 69
[Thyroiditis and thyroid cancer. (Apropos of 3 cases)] Lebreuil G, et al.
Arch Anat Path (Paris) 17:A32-9, Mar 69 (Fre)
[Chronic autoimmune thyroiditis associated with a Bence Jones lambda chain plasmacytoma] Saita G, et al. Haematologica 54:179-96, 1969 (Ita)
[Clinicopathological studies on small cell carcinoma of the thyroid] Murata T.
Folia Endocr Jap 45:80-90, 20 Apr 69 (Jap)
[Case suspected to be the early stage of Schmidt's syndrome] Jap J Clin Med 27:645-60, Mar 69 (Jap)

DIAGNOSIS

Cytodiagnosis of thyroiditis. A comparative study of cytological, histological, immunological and clinical findings in thyroiditis, particularly in diffuse lymphoid thyroiditis. Persson PS.
Acta Med Scand Suppl 483:7+, 1968
[Recent studies on goiter in Spain] Sánchez Martin JA.
Munchen Med Wschr 111:1416-20, 20 Jun 69 (39 ref.) (Ger)
[Comparative cytological and clinical diagnosis of thyroiditis] Nikitina NI, et al.
Lab Delo 9:556-70, 1968 (Rus)

DRUG THERAPY

Cytodiagnosis of thyroiditis. A comparative study of cytological, histological, immunological and clinical findings in thyroiditis, particularly in diffuse lymphoid thyroiditis. Persson PS.
Acta Med Scand Suppl 483:7+, 1968

FAMILIAL & GENETIC

Genetic aspects of autoimmunity. Fialkow PJ.
Progr Med Genet 6:117-67, 1969 (219 ref.)

IMMUNOLOGY

Cytodiagnosis of thyroiditis. A comparative study of cytological, histological, immunological and clinical findings in thyroiditis, particularly in diffuse lymphoid thyroiditis. Persson PS.
Acta Med Scand Suppl 483:7+, 1968
Can LATS be detected by immunofluorescence? Beall GN, et al. J Clin Endocr 29:1114-6, Aug 69
Auto-immunity and Hashimoto's thyroiditis. Chatterjee SN.
J Indian Med Ass 52:64-7, 16 Jan 69 (26 ref.)
[Recent studies on goiter in Spain] Sánchez Martin JA.
Munchen Med Wschr 111:1416-20, 20 Jun 69 (39 ref.) (Ger)
[Contribution to the study of Hashimoto's struma. (Considerations on a case)] Patroncini F.
Acta Chir Ital 25:65-81, Jan-Feb 69 (Ita)
[Symposium A. II. Overlapping of the autoimmune

diseases] Hamamoto Y, et al.
Jap J Allerg 18:350-5, May 69 (Jap)
[Autoconduction (phenomenon of autoimmunological growth stimulation) in neoplasms and some other diseases of the thyroid gland] Sidorov KA.
Probl Endokr (Moskva) 14:94-6, May-Jun 68 (Rus)

PATHOLOGY

Cytodiagnosis of thyroiditis. A comparative study of cytological, histological, immunological and clinical findings in thyroiditis, particularly in diffuse lymphoid thyroiditis. Persson PS.
Acta Med Scand Suppl 483:7+, 1968
[Contribution to the study of Hashimoto's struma. (Considerations on a case)] Patroncini F.
Acta Chir Ital 25:65-81, Jan-Feb 69 (Ita)
[Hashimoto's disease] Suzuki H.
Clin Endocr (Tokyo) 17:457-61, May 69 (24 ref.) (Jap)
[Biopsy by thyroid puncture] Guerra RL, et al.
Bull Soc Int Chir 27:612-7, Nov-Dec 68 (Spa)

SURGERY

[Immunological pathogenesis of postoperative hypothyroidism] Simeonov L, et al.
Probl Endokr (Moskva) 14:36-9, Jul-Aug 68 (Rus)

THERAPY

[Hashimoto's disease] Suzuki H.
Clin Endocr (Tokyo) 17:457-61, May 69 (24 ref.) (Jap)

III. Thyroid Hormones, Precursors, Metabolites and Synthetic Analogs

DIIODOTYROSINE

The nature of thyroxine and related compounds as electron donors. Mauchamp J, et al. **Biochemistry (Wash) 8:1554-7, Apr 69**

Production of diiodohydroxyphenylpyruvic acid from diiodotyrosine by nonenzymatic reaction. Ito S, et al. **Endocr Jap 16:129-32, Feb 69**

Recovery of thyroid hormone biosynthesis after a single injection of methylthiouracil as judged by thyroidal radioiodine uptake, thyroidal protein-bound iodine, thyroidal radioiodinated amino acids and thyroglobulin in the rat. Sugita Y, et al. **Endocr Jap 16:21-8, Feb 69**

Preparation of high specific activity nonphenolic-ring 125-I- and 14C-labeled thyroxine. Surks MI, et al. **J Clin Endocr 29:1263-5, Sep 69**

BIOSYNTHESIS

[Qualitative data on hormone synthesis of auto- and homplastic thyroid grafts implanted in the testis of thyroid-deficient guinea pigs] Fabre M, et al. **C R Soc Biol (Paris) 163:197-200, 1969 (Fre)**

BLOOD

The iodotyrosine content of normal human serum. Wellby ML, et al. **Biochem J 112:543-4, May 69**

Artifactual elevation of PBI from an iodinated dye used to stain medicinal capsules pink. Bora SS, et al. **J Clin Endocr 29:1269-71, Sep 69**

[Automated determination of hormonal iodine in the plasma: methodology, experimental study, clinical application] Jaffiol C, et al. **Rev Franc Endocr Clin 10:7-30, Jan-Feb 69 (Fre)**

METABOLISM

The effect of neonatal x-irradiation on the accumulation and degradation of 131I-1 triiodothyronine in the maturing rat central nervous system. Cohan SL, et al. **Acta Neurol Scand 45:129-50, 1969**

Effects of actinomycin D on the thyroid. Deodhar SD, et al. **Endocrinology 85:629-37, Oct 69**

Defective deiodinase activity and abnormal thyroidal iodoproteins. Thomson JA, et al. **J Clin Endocr 29:1259-60, Sep 69**

[Late sporadic goiter in adults, with dehalogenase enzyme deficiency. Clinical, biochemical, isotope study] Jaffiol C, et al. **Rev Franc Endocr Clin 10:67-71, Jan-Feb 69 (Fre)**

IODOTYROSINE

The nature of thyroxine and related compounds as electron donors. Mauchamp J, et al. **Biochemistry (Wash) 8:1554-7, Apr 69**

Inhibition of iodotyrosine formation by analogs of tyrosine. Degroot LJ, et al. **J Lab Clin Med 74:257-64, Aug 69**

ANALYSIS

[The significance of paraventricular nuclei of the hypothalamus in the regulation of hormone formation in the thyroid gland] Samsonova VM. **Probl Endokr (Moskva) 15:65-70, Mar-Apr 69 (Rus)**

BLOOD

The iodotyrosine content of normal human serum. Wellby ML, et al. **Biochem J 112:543-4, May 69**

Artifactual elevation of PBI from an iodinated dye used to stain medicinal capsules pink. Bora SS, et al. **J Clin Endocr 29:1269-71, Sep 69**

METABOLISM

Effects of actinomycin D on the thyroid. Deodhar SD, et al. **Endocrinology 85:629-37, Oct 69**

Defective deiodinase activity and abnormal thyroidal iodoproteins. Thomson JA, et al. **J Clin Endocr 29:1259-60, Sep 69**

[Congenital goiter in the same family. Clinical biological, isotope study] Jaffiol C, et al. **Rev Franc Endocr Clin 10:57-65, Jan-Feb 69 (Fre)**

URINE

[Late sporadic goiter in adults, with dehalogenase enzyme deficiency. Clinical, biochemical, isotope study] Jaffiol C, et al. **Rev Franc Endocr Clin 10:67-71, Jan-Feb 69 (Fre)**

THYROGLOBULIN

Recovery of thyroid hormone biosynthesis after a single injection of methylthiouracil as judged by thyroidal radioiodine uptake, thyroidal protein-bound iodine, thyroidal radioiodinated amino acids and thyroglobulin in the rat. Sugita Y, et al. **Endocr Jap 16:21-8, Feb 69**

Cytotoxic lymphoid cells and antibodies from guinea pigs immunized with tubercle bacilli. Wasserman J, et al. **Int Arch Allerg 36:115-6, 1969**

Altered antigens and autoimmunity. Weir DM. **Vox Sang 16:304-13, Apr 69**

[Demonstration of thyroid gland antibodies by the Boyden test] Meng S, et al. **Z Ges Inn Med 24:Suppl:98-101, 1 Apr 69 (Ger)**

[Preparation of human thyroglobulin and analysis for N-terminal amino acids] Pyzhova IK, et al. **Biokhimiia 34:392-7, Mar-Apr 69 (Rus)**

ANALYSIS

Effect of large doses of radioiodine on thyroid function. 3. The iodoproteins of the thyroid gland. Djurdjević D, et al. **Acta Endocr (Kobenhavn) 60:281-6, Feb 69**

Organ-specific antibodies in idiopathic panhypopituitarism, primary thyroid and adrenal insufficiency. Nerup J, et al. **Acta Med Scand 185:293-6, Apr 69**

Splitting of human thyroglobulin. II. Enzymatic digestion. Stylos WA, et al. **Clin Exp Immun 5:285-97, Sep 69**

[Iodination of proteins in the human thyroid gland. (Normal and pathologic)] Etling N, et al. **Acta Endocr (Kobenhavn) 59:545-54, Dec 68 (Fre)**

[Study of thyroid hormone synthesis in a patient with congenital goiter] Peyrin JO, et al. **Rev Franc Etud Clin Biol 14:459-65, May 69 (Fre)**

[Preparation of human thyroglobulin and analysis for N-terminal amino acids] Pyzhova IK, et al. **Biokhimiia 34:392-7, Mar-Apr 69 (Rus)**

BIOSYNTHESIS

Thyroglobulin synthesis in a thyroid polyribosomal cell-free system. Nayer P de, et al. **Biochem Biophys Res Commun 36:639-46, 15 Aug 69**

Biosynthesis of thyroglobulin. Incorporation of [1-14C] galactose, [1-14C] manose and [4,5-3H2] leucine into soluble proteins by rat thyroids in vitro. Herscovics A. **Biochem J 112:709-19, May 69**

Effects of actinomycin D on the thyroid. Deodhar SD, et al. **Endocrinology 85:629-37, Oct 69**

Immunochemical identification of thyroglobulin fragments synthesized in vitro by bovine thyroid polyribosomes. Salabe G, et al. **Endocrinology 85:752-62, Oct 69**

Radioautographic visualization of the incorporation of [3H] mannose and [3H] galactose into thyroglobulin by follicular cells of rat thyroids in vitro. Whur P, et al. **J Anat 104:582, May 69**

[Synthesis of peptides in a cell-free thyroid system] De Nayer P, et al. Arch Int Physiol 77:373-4, May 69 (Fre)

BLOOD

Effect of large doses of radioiodine on thyroid function. IV. Iodoproteins in blood. Jovanović M, et al. Acta Endocr (Kobenhavn) 60:287-93, Feb 69

[Determination of thyroglobulin content in toxic and euthyroid goiters with the aid of organospecific antithyroid phytoprecipitin] Artamonova-Krupnik SI. Probl Endokr (Moskva) 14:39-43, Jul-Aug 68 (Rus)

ISOLATION & PURIFICATION

The preparation of bovine 19S thyroglobulin by agarose-gel filtration. Zyl A van, et al. S Afr Med J 43:944-51, 2 Aug 69

METABOLISM

Thyroglobulin synthesis in a thyroid polyribosomal cell-free system. Nayer P de, et al. Biochem Biophys Res Commun 36:639-46, 15 Aug 69

Fate of iodide derived from intrathyroidal hyrolysis of thyroglobulin. Greer MA, et al. Endocrinology 85:837-45, Nov 69

A model of the normal thyroid hormone glandular secretion mechanism. DiStefano JJ 3d. J Theor Biol 22:412-7, Mar 69

Familial goiter with dimished synthesis of thyroglobulin. Riddick FA Jr, et al. Z Ges Exp Med 150:203-12, 1969

Iodine metabolism of the endostyle of larval lampreys, Ammocoetes of Lampetra japonica. Electron microscopic autoradiography of 125-I. Fujita H, et al. Z Zellforsch 98:525-37, 1969

[Capture of thyroglobulin by swine thyroid slices. Attempt to determine subcellular localization] Vandenbroucke MF, et al. Arch Int Physiol 76:958, Dec 68 (Fre)

RADIATION EFFECTS

Effect of large doses of radioiodine on thyroid function. 3. The iodoproteins of the thyroid gland. Djurdjević D, et al. Acta Endocr (Kobenhavn) 60:281-6, Feb 69

Effect of large doses of radioiodine on thyroid function. IV. Iodoproteins in blood. Jovanović M, et al. Acta Endocr (Kobenhavn) 60:287-93, Feb 69

SECRETION

In vitro study of C (parafollicular) cells of dog thyroid in organ culture. Bussolati G, et al. Experientia 25:641-2, 15 Jun 69

[Determination of thyroglobulin content in toxic and euthyroid goiters with the aid of organospecific antithyroid phytoprecipitin] Artamonova-Krupnik SI. Probl Endokr (Moskva) 14:39-43, Jul-Aug 68 (Rus)

THERAPEUTIC USE

[Therapy of thyrotoxicosis] Helv Med Acta Suppl 48:63+, May 68 (Ger)

THYROID HORMONES

The nature of thyroxine and related compounds as electron donors. Mauchamp J, et al. Biochemistry (Wash) 8:1554-7, Apr 69

Inhibition of iodotyrosine formation by analogs of tyrosine. Degroot LJ, et al. J Lab Clin Med 74:257-64, Aug 69

The hypothalamic regulation of thyrotrophic hormone secretion during the estrous cycle. Soliman FA, et al. Zbl Veterinaermed [A] 16:471-5, Jul 69

ADMINISTRATION & DOSAGE

The management of obesity: some recent concepts. Weinhaus RS. Missouri Med 66:719-23 passim, Sep 69 (23 ref.)

ADVERSE EFFECTS

Peri-arteritis retinalis segmentalis. Rask JA. Acta Ophthal (Kobenhavn) 47:234-7, 1969

ANALYSIS

[Iodination of proteins in the human thyroid gland. (Normal and pathologic)] Etling N, et al. Acta Endocr (Kobenhavn) 59:545-54, Dec 68 (Fre)

[Gastric mucosa findings in primary hypothyroidism] Lieschke HJ, et al. Z Ges Inn Med 24:Suppl:108-9, 1 Apr 69 (Ger)

BIOSYNTHESIS

Studies on the antithyroid activity of naturally occurring L-5-vinyl-2-thiooxazolidone and its urinary metabolite in rats. Langer P, et al. Acta Endocr (Kobenhavn) 62:21-30, Sep 69

Recovery of thyroid hormone biosynthesis after a single injection of methylthiouracil as judged by thyroidal radioiodine uptake, thyroidal protein-bound iodine, thyroidal radioiodinated amino acids and thyroglobulin in the rat. Sugita Y, et al. Endocr Jap 16:21-8, Feb 69

Thyroid function in chronic excess iodide ingestion: release of inorganic iodide from thyroid gland in response to chronic iodide administration. Nagataki S, et al. Endocrinology 85:899-908, Nov 69

Induction of myxedema by iodide in patients euthyroid after radioiodin or surgical treatment of diffuse toxic goiter. Braverman LE, et al. New Eng J Med 281:816-21, 9 Oct 69

[Congenital hypothyroidism due to a type I hormonogenesis disorder. (3 cases in the same family and literature review)] Marie J, et al. Ann Pediat (Paris) 16:424-36, Jun-Jul 69 (Fre)

[Qualitative data on hormone synthesis of auto- and homplastic thyroid grafts implanted in the testis of thyroid-deficient guinea pigs] Fabre M, et al. C R Soc Biol (Paris) 163:197-200, 1969 (Fre)

[Study of thyroid hormone synthesis in a patient with congenital goiter] Peyrin JO, et al. Rev Franc Etud Clin Biol 14:459-65, May 69 (Fre)

[Recent studies on goiter in Spain] Sánchez Martin JA. Munchen Med Wschr 111:1416-20, 20 Jun 69 (39 ref.) (Ger)

[The thyroid gland and anesthesia] Simone M, et al. Acta Anaesth (Padova) 19:Suppl 4:145+, 1968 (124 ref.) (Ita)

[Clinical study of goiter (with normal thyroid function) in children, with special reference to chronic thyroiitis in children] Fujimori M. Acta Paediat Jap 73:223-35, 1 Feb 69 (Jap)

[Inborn errors of hormone synthesis] Imura H, et al. Saishin Igaku 24:1176-86, Jun 69 (65 ref.) (Jap)

[The significance of paraventricular nuclei of the hypothalamus in the regulation of hormone formation in the thyroid gland] Samsonova VM. Probl Endokr (Moskva) 15:65-70, Mar-Apr 69 (Rus)

BLOOD

Relationships between blood thyrotrophin level, protein bound iodine and free thyroxine concentration in man under normal physiological conditions. Lemarchand-Béraud T, et al. Acta Endocr (Kobenhavn) 60:315-26, Feb 69

The iodotyrosine content of normal human serum. Wellby ML, et al. Biochem J 112:543-4, May 69

Hypothalamic and rate feedback in the thyroid hormone regulation system: an hypothesis. DiStefano JJ 3d. Bull Math Biophys 31:233-46, Jun 69

[Remarks on the development of circulating thyroid hormone levels in gestating rats] Geloso JP, et al. J Physiol (Paris) 60:Suppl 2:448-9, 1968 (Fre)

[Automated determination of hormonal iodine in the plasma: methodology, experimental study, clinical application] Jaffiol C, et al. Rev Franc Endocr Clin 10:7-30, Jan-Feb 69 (Fre)

[On histotopography of iodine metabolism in endemic goiters and in healthy thyroid glands] Riccabona G, et al. Acta Endocr (Kobenhavn) 59:564-72, Dec 68 (Ger)

[Advances and problems in thyroid hormone measurement] Nagataki S. Clin Endocr (Tokyo) 17:342-8, Apr 69 (41 ref.) (Jap)

[Studies on the regulation of thyroid hormone secretion, with special emphasis on the effect of acute reduction of thyroid hormones in the blood] Suematsu H. Folia Endocr Jap 45:29-44, 20 Apr 69 (Jap)

[Cryptothyroidism] Abe H, et al. Naika 23:727-32, Apr 69 (Jap)

[Progress in thyroid hormone determination] Nagataki S. Naika 24:73-9, Jul 69 (19 ref.) (Jap)
[Response of TSH liberation to decrease in the thyroid hormone level in the blood] Suematsu H, et al. Saishin Igaku 24:972-5, May 69 (Jap)

ISOLATION & PURIFICATION

Isolation techniques for pharmacologically active substances (animal). Temple DM.
Ann Rev Pharmacol 9:407-18, 1969 (165 ref.)

METABOLISM

[Seasonal variations of basal metabolism and thyroid in Microtus] Rigaudière N.
Arch Sci Physiol (Paris) 23:215-42, 1969 (Fre)
[New data on seasonal endocrine cycles] Delost P. J Physiol (Paris) 60:Suppl 2:356, 1968 (Fre)
[Nipiopharmacology of thyroid hormones, thyreotrope hormone, hormones of the neuro-hypophisis and serotonin] Cao A.
Minerva Nipiol 17:238-94, Nov-Dec 67 (999 ref.) (Ita)

PHARMACODYNAMICS

Some effects of thyroid hormone on polyribosomes in rat liver. Tipton SR. Alabama J Med Sci 6:259-65, Jul 69
Hormonal influences on mediators of allergic reactions. Telford JM. Int Arch Allerg 36:29-30, 1969
A shifting curve. Lancet 2:784-6, 11 Oct 69
Visual pigment changes in juvenile kokanee salmon in response to thyroid hormones. Beatty DD. Vision Res 9:855-64, Aug 69
[Synthesis and biological activity of thyroxine and adrenergic derivatives. IX. Influence of thyroid hormones and their acetate metabolites on mitochondrial respiration] Michel R, et al. Bull Soc Chim Biol (Paris) 51:355-72, 26 Jun 69 (Fre)
[Synthesis and biological activity of thyroxine and adrenergic derivatives. XI. Site of action of thyroid hormones and their acetate metabolites on the respiratory chain] Michel R, et al. Bull Soc Chim Biol (Paris) 51:389-402, 26 Jun 69 (Fre)
[Synthesis and biologic activity of thyroxine and adrenergic derivatives. X. Influence on mitochondrial respiration of thyroid products associated with different effectors of ATP synthesis] Michel R, et al. Bull Soc Chim Biol (Paris) 51:373-88, 26 Jun 69 (Fre)
[Influence of adrenaline on the oxygen consumption of thyroidectomized rats chronically treated with thyroid hormones] Michel R, et al. C R Soc Biol (Paris) 162:2104-6, 1968 (Fre)
[Influence of estradiol on the antigoiter action of thyroid hormones] Sánchez López-Tello C. J Physiol (Paris) 60:Suppl 2:538-9, 1968 (Fre)
[Nipiopharmacology of thyroid hormones, thyreotrope hormone, hormones of the neuro-hypophisis and serotonin] Cao A.
Minerva Nipiol 17:238-94, Nov-Dec 67 (999 ref.) (Ita)
[Studies on the relationship between thyroid hormones and catecholamines, with special reference to carbohydrate metabolism in the muscle] Inoue K, et al. Folia Endocr Jap 45:310-20, 20 Jun 69 (Jap)
[Proteinogram in experimental hyperthyroidism] Rokicki W. Przegl Lek 25:614-6, 1969 (Pol)
[The basal metabolism and morphologic features of the thyroid glands of mouse lines C3H and C57BL under normal conditions and under the influence of thyroidin and methylthiouracil] Skamkov ME, et al. Biull Eksp Biol Med 67:104-6, Feb 69 (Rus)
[Effect of thyreoidine and 6-methylthiouracil on the secretory enzymatic activity of the pancreas] Kienia AI. Fiziol Zh SSSR Sechenov 55:221-6, Feb 69 (Rus)
[The effect of thyroid hormones on the reactivity of adrenergic and cholinergic formations of the nervous system] Gol'ber LM, et al. Probl Endokr (Moskva) 15:77-83, Mar-Apr 69 (Rus)
[The role of thyroid hormone in the regulation of blood anticoagulation system] Kudriashov BA, et al. Probl Endokr (Moskva) 14:84-8, Nov-Dec 68 (Rus)

PHYSIOLOGY

Relationships between blood thyrotrophin level, protein bound iodine and free thyroxine concentration in man under normal physiological conditions. Lemarchand-Béraud T, et al. Acta Endocr (Kobenhavn) 60:315-26, Feb 69
The effect of thyroidectomy and parathyroidectomy in the remodelling of bone defects in adult dogs. Detenbeck LC, et al. Clin Orthop 65:199-202, Jul-Aug 69
[Inaugural lesson of the Chair of Endocrinology delivered on 16 March 1967 at the Faculty of Pharmacy of Paris] Michel R. Ann Pharm Franc 25:561-75, Jul-Aug 67 (Fre)
[Action of thyroid hormones on basal metabolism, growth and liver RNA polymerase in rats] Michel R, et al. C R Soc Biol (Paris) 162:1915-9, May 69 (Fre)
[Action of thyroid hormones by the oxido-reduction state of the NAD-NADH system in vivo] Fiorentini A, et al. J Physiol (Paris) 60:Suppl 2:442-3, 1968 (Fre)
[Endocrine factors in dental development] Job JC, et al. Rev Franc Odontostomat 16:625-34, May 69 (Fre)
[The influence of the thyroid gland on intestinal absorption of sterols] Haluszka J. Folia Med Cracov 10:691-706, 1968 (Pol)

SECRETION

Parameters of thyroid function in maternal and cord serum at term pregnancy. Robin NI, et al. J Clin Endocr 29:1276-80, Sep 69
A model of the normal thyroid hormone glandular secretion mechanism. DiStefano JJ 3d. J Theor Biol 22:412-7, Mar 69
Effect of light and darkness upon thyroid secretion rate and on the endocrine glands of female rats. Singh DV, et al. Proc Soc Exp Biol Med 131:1296-9, Sep 69
[Nipiopharmacology of thyroid hormones, thyreotrope hormone, hormones of the neuro-hypophisis and serotonin] Cao A.
Minerva Nipiol 17:238-94, Nov-Dec 67 (999 ref.) (Ita)
[Studies on the regulation of thyroid hormone secretion, with special emphasis on the effect of acute reduction of thyroid hormones in the blood] Suematsu H.
Folia Endocr Jap 45:29-44, 20 Apr 69 (Jap)
[The role of paraventricular nuclei of the anterior hypothalamus of rats in the regulation of thyroid hormone secretion] Samsonova VM.
Probl Endokr (Moskva) 15:76-9, May-Jun 69 (Rus)

THERAPEUTIC USE

The therapeutic implications of the hypothesis of allergic hypersensitivity as dysfunction of the intracellular immune mechanism. Williams HL, et al. Ann Allerg 27:434-60, Sep 69
[Congenital hypothyroidism due to a type I hormonogenesis disorder. (3 cases in the same family and literature review)] Marie J, et al. Ann Pediat (Paris) 16:424-36, Jun-Jul 69 (Fre)
[Congenital goiter in the same family. Clinical biological, isotope study] Jaffiol C, et al. Rev Franc Endocr Clin 10:57-65, Jan-Feb 69 (Fre)
[Gastric mucosa findings in primary hypothyroidism] Lieschke HJ, et al. Z Ges Inn Med 24:Suppl:108-9, 1 Apr 69 (Ger)
[Hashimoto's thyroiditis. (Apropos of 17 cases)] Chifan M, et al. Rev Medicochir Iasi 73:375-80, Apr-Jun 69 (Rum)
[On the metabolism of allyl cyanide] Astakhova TV, et al. Gig Tr Prof Zabol 13:38-42, Jan 69 (Rus)
[Current state and prerequisites for improvement of hormone therapy in cryptorchism (review of the literature)] Iunda IF, et al. Probl Endokr (Moskva) 15:112-6, Mar-Apr 69 (113 ref.) (Rus)
[Various findings on the processes of natural detoxication of the body during infectious processes] Kiselev PN, et al. Zh Mikrobiol 44:93-9, Oct 67 (19 ref.) (Rus)
[Basic principles of medical treatment of thyroid diseases] Seyahi V. Turk Tip Cem Mec 35:227-35, Apr 69 (Tur)

THYRONINE

Inhibitors of the catalytic activity of bovine adrenal glucose-6-phosphate dehydrogenase. Criss WE, et al. Biochim Biophys Acta 184:486-94, 2 Sep 69
Characteristics of the reactivity of thyronine, tyrosine and some iodinated derivatives of these substances in the presence of the ferric ferricyanide-arsenious acid reagent. Zappi E. J Chromatogr 42:524-31, 22 Jul 69

BIOSYNTHESIS

[Qualitative data on hormone synthesis of auto- and homplastic thyroid grafts implanted in the testis of thyroid-deficient guinea pigs] Fabre M, et al. C R Soc Biol (Paris) 163:197-200, 1969 (Fre)

PHARMACODYNAMICS

Hormonal influences on mediators of allergic reactions. Telford JM. Int Arch Allerg 36:29-30, 1969

[Inhibiting influence of some iodothyronines and certain of the structural analogs on glutaminc dehydrogenase activity] Goudonnet H. C R Soc Biol (Paris) 163:56-60, 1969 (Fre)

URINE

[Catecholamine metabolism and depression] Takahashi R. Advances Neurol Sci (Tokyo) 12:870-3, Dec 68 (Jap)

THYROXINE

Radiochemical break-down of iodine-131 labelled L-thyroxine preparations. A study of the influence of increased specific activity and time of storage. Hoye A. Acta Chem Scand 23:1040-4, 1969

Post heparin plasma lipoprotein lipase activity in thyroid disease. Kirkeby K. Acta Endocr (Kobenhavn) 59:555-63, Dec 68

Elevation of proline hydroxylase activity in diseased rabbit aorta. Langner RO, et al. Biochem Biophys Res Commun 36:559-66, 15 Aug 69

The nature of thyroxine and related compounds as electron donors. Mauchamp J, et al. Biochemistry (Wash) 8:1554-7, Apr 69

Isolation of a mitochondrial 9-S protein with malate dehydrogenase activity and its activation by thyroxine in vitro. Covelli I, et al. Biochim Biophys Acta 184:678-81, 2 Sep 69

Inhibitors of the catalytic activity of bovine adrenal glucose-6-phosphate dehydrogenase. Criss WE, et al. Biochim Biophys Acta 184:486-94, 2 Sep 69

Regression of cardiac hypertrophies of various origin. Beznak M, et al. Canad J Physiol Pharmacol 47:579-86, Jul 69

Production of diiodohydroxyphenylpyruvic acid from diiodotyrosine by nonenzymatic reaction. Ito S, et al. Endocr Jap 16:129-32, Feb 69

Recovery of thyroid hormone biosynthesis after a single injection of methylthiouracil as judged by thyroidal radioiodine uptake, thyroidal protein-bound iodine, thyroidal radioiodinated amino acids and thyroglobulin in the rat. Sugita Y, et al. Endocr Jap 16:21-8, Feb 69

Endocrine influence on urinary 5-hydroxyindoleacetic acid output in the rat. Abdel-Aziz A. Europ J Pharmacol 7:49-55, Jul 69

The course of radiation disease in hyper-and hypothyreotic rats. Siebodziński A, et al. Folia Biol (Krakow) 17:145-58, 1969

The effect of thyroid function on hemoglobin differentiation in the chick. Atherton RW. J Embryol Exp Morph 22:99-105, Aug 69

[Treatment of Basedow hyperthyroidism by protracted doses of radioactive iodine] Reboul J, et al. Sem Hop Paris 45:1884-94, 8 Jun 69 (Fre)

[Malate dehydrogenases of differing source: inhibition by thyroxine] Graszynski K, et al. Z Naturforsch [B] 24:783-4, Jun 69 (Ger)

ADMINISTRATION & DOSAGE

The management of obesity: some recent concepts. Weinhaus RS. Missouri Med 66:719-23 passim, Sep 69 (23 ref.)

Treatment of hypothyroidism with synthetic thyroid hormones. Bakke JL, et al. Northwest Med 68:651-6, Jul 69

[Focal medionecrosis and its relationship with arteriosclerosis] Fontaine R, et al. Sem Hop Paris 45:1091-111, 8 Apr 69 (Fre)

[State of diuresis and basic processes of uropoiesis in experimental hypothroidism] Totrova EA. Probl Endokr (Moskva) 15:73-6, Jan-Feb 69 (Rus)

ADVERSE EFFECTS

[Comparison of antithyroid and teratogenic activity of some hypoglycemic sulfanilamides] Barliiak IR. Probl Endokr (Moskva) 14:89-94, Nov-Dec 68 (Rus)

ANALYSIS

[Study of thyroid hormone synthesis in a patient with congenital goiter] Peyrin JO, et al. Rev Franc Etud Clin Biol 14:459-65, May 69 (Fre)

[Distribution of labeled thyroxine in some endocrine glands of rats] Kolli EA, et al. Probl Endokr (Moskva) 14:90-3, May-Jun 68 (Rus)

BIOSYNTHESIS

Effect of experimentally induced thyroiditis on biosynthesis of thyroxine in rats. Gorman CA, et al. Acta Endocr (Kobenhavn) 62:11-20, Sep 69

BLOOD

The influence of triiodothyronine (T3) treatment on the resin uptake of 131I-triiodothyronine. Dussault J, et al. Acta Endocr (Kobenhavn) 61:441-8, Jul 69

Influence of chlorophenoxyisobutyrate (CPIB) on thyroid parameters. Hansen JM. Acta Endocr (Kobenhavn) 60:294-302, Feb 69

Relationships between blood thyrotrophin level, protein bound iodine and free thyroxine concentration in man under normal physiological conditions. Lemarchand-Béraud T, et al. Acta Endocr (Kobenhavn) 60:315-26, Feb 69

Free thyroxine in serum and its use in clinical diagnosis. Liewendahl K, et al. Acta Endocr (Kobenhavn) 61:343-58, Jun 69

The influence of iodine in thyroid iodine accumulation and turnover in euthyroid Australian subjects. Myhill J, et al. Acta Endocr (Kobenhavn) 62:1-10, Sep 69

Familial elevation of serum thyroxine-binding globulin capacity. Siersbaek-Nielsen K, et al. Acta Endocr (Kobenhavn) 60:130-6, Jan 69

Simplification of determination of serum thyroxine iodine by competitive binding analysis. Nusynowitz ML, et al. Amer J Roentgen 106:791-3, Aug 69

Thyroxine distribution during halothane anesthesia in man. Oyama T, et al. Anesth Analg (Cleveland) 48:715-9, Sep-Oct 69

Recent advances in the diagnosis of the diseases of the thyroid. Rall JE. Clin Chim Acta 25:339-44, Aug 69 (16 ref.)

Comparison of thyroxine-binding plasma proteins of various vertebrates and their evolutionary aspects. Tanabe Y, et al. Gen Comp Endocr 13:14-21, Aug 69

Artifactual elevation of PBI from an iodinated dye used to stain medicinal capsules pink. Bora SS, et al. J Clin Endocr 29:1269-71, Sep 69

Cerebrospinal fluid thyroxine. Hansen JM, et al. J Clin Endocr 29:1023-6, Aug 69

Estimation of thyroxine binding protein capacities using a non-electrophoretic technique. Keane PM, et al. J Clin Endocr 29:1126-30, Aug 69

Parameters of thyroid function in maternal and cord serum at term pregnancy. Robin NI, et al. J Clin Endocr 29:1276-80, Sep 69

Influence of heparin on serum free thyroxine. Schatz DL, et al. J Clin Endocr 29:1015-22, Aug 69

Induction of myxedema by iodide in patients euthyroid after radioiodin or surgical treatment of diffuse toxic goiter. Braverman LE, et al. New Eng J Med 281:816-21, 9 Oct 69

[Thyroid complications of under feeding in domestic ducks] Assenmacher I, et al. J Physiol (Paris) 60:Suppl 2:342-3, 1968 (Fre)

[Remarks on the development of circulating thyroid hormone levels in gestating rats] Geloso JP, et al. J Physiol (Paris) 60:Suppl 2:448-9, 1968 (Fre)

[Automated determination of hormonal iodine in the plasma: methodology, experimental study, clinical application] Jaffiol C, et al. Rev Franc Endocr Clin 10:7-30, Jan-Feb 69 (Fre)

[Secondary subacute thyroiditis] Szántó L. Z Ges Inn Med 24:Suppl:103-5, 1 Apr 69 (Ger)

[Studies on Tetrasorb-125] Heki N, et al. Clin Endocr (Tokyo) 17:441-7, May 69 (Jap)

CEREBROSPINAL FLUID

Cerebrospinal fluid thyroxine. Hansen JM, et al. J Clin Endocr 29:1023-6, Aug 69

CHEMICAL SYNTHESIS

Preparation of high specific activity nonphenolic-ring 125-I- and 14C-labeled thyroxine. Surks MI, et al. J Clin Endocr 29:1263-5, Sep 69

ISOLATION & PURIFICATION

Radiochemical break-down of iodine-131 labelled L-thyroxine preparations. A study of the influence of increased specific activity and time of storage. Hoye A. Acta Chem Scand 23:1040-4, 1969

METABOLISM

Mechanism of goitorogenesis by very low doses of propylthiouracil and the role of iodine intake. Herrera E, et al. Acta Endocr (Kobenhavn) 59:529-44, Dec 68

The influence of iodine in thyroid iodine accumulation and turnover in euthyroid Australian subjects. Myhill J, et al. Acta Endocr (Kobenhavn) 62:1-10, Sep 69

In vitro resin sponge uptake test of T3 and T4 in animals and man. Quinlan WJ Jr, et al. Amer J Vet Res 30:1471-3, Aug 69

Occult factitial thyrotoxicosis. Thyroxine kinetics and psychological evaluation in three cases. Rose E, et al. Ann Intern Med 71:309-15, Aug 69

Recent advances in the diagnosis of the diseases of the thyroid. Rall JE. Clin Chim Acta 25:339-44, Aug 69 (16 ref.)

Qualitative and quantitative aspects of thyroxine metabolism in sheep. Irvine CH. Endocrinology 85:662-73, Oct 69

Familial goiter with dimished synthesis of thyroglobulin. Riddick FA Jr, et al. Z Ges Exp Med 150:203-12, 1969

[Studies on the protein-bound iodine in the serum during normal pregnancy] Dokumov S, et al. Z Geburtsh Gynaek 170:222-30, 1969 (Ger)

PHARMACODYNAMICS

Synergistic and inhibitory activity of various hormones on the exophthalmo producing factor in sera of patients suffering from endocrine exophthalmos. Schemmel K, et al. Acta Endocr (Kobenhavn) 61:407-14, Jul 69

Effect of a single neonatal dose of ACTH, TSH, STH, thyroxine and aldosterone on serum heparin and tissue mucopolysaccharides. Vallent K, et al. Acta Morph Acad Sci Hung 17:35-9, 1969

Effect of excess L-thyroxine on the hypothalamus of thyroidectomized rat. Talanti S. Ann Med Exp Biol Fenn 46:132-6, 1968

Ethanol-induced changes of cytoplasmic rex state as modified by thyroxine treatment. Ylikahri RH, et al. Ann Med Exp Biol Fenn 46:137-42, 1968

The development of hormone sensitivity by the adenyl cyclase of the tadpole erythrocyte. Rosen OM, et al. Arch Biochem 133:171-7, Aug 69

The effect of hypophysectomy on rat liver glucokinase activity and on plasma glucose, insulin and nonesterified fatty acid concentrations. Dawson CM, et al. Biochim Biophys Acta 184:287-98, 30 Jul 69

The effect of thyroxine on the distribution of cholesterol in rat liver cells. Suzuki M, et al. Biochim Biophys Acta 184:455-8, 30 Jul 69

Alteration by neonatal hypothyroidism of the critical period for the induction of persistent estrus in the rat. Kikuyama S. Endocr Jap 16:269-73, Apr 69

Changes in lactate dehydrogenase isozyme patterns of rat anterior pituitary in varied thyroid states. Matsuzaki S, et al. Endocr Jap 16:301-8, Jun 69

Bioassay of parathyroid hormone in vitro with a stable preparation of adenyl cyclase from rat kidney. Marcus R, et al. Endocrinology 85:801-10, Nov 69

Hormonal influences on mediators of allergic reactions. Telford JM. Int Arch Allerg 36:29-30, 1969

Hormones and cholesterol ester metabolism. Schweppe JS, et al. J Amer Geriat Soc 17:740-54, Aug 69 (67 ref.)

Hormone-induced modifications of free tyrosine in the rat thyroid gland. Hodge JV, et al. J Physiol (London) 203:1-12, Jul 69

Wound healing. Schiff M. Laryngoscope 79:1419-27, Aug 69

Thyroxine antagonism of pentachlorophenol poisoning in cichlid fish. Pasley JN, et al. Proc West Pharmacol Soc 11:129-32, 1968

Visual pigment changes in juvenile kokanee salmon in response to thyroid hormones. Beatty DD. Vision Res 9:855-64, Aug 69

The rat erythrocyte in induced hyper- and hypothyroidism. Isaacs A. W Afr Med J 18:50-5, Apr 69

The anterior pituitary of the Japanese quail, Coturnix coturnix japonica. The cytological effects of photoperiodic stimulation. Tixier-Vidal A, et al. Z Zellforsch 92:610-35, 1968

[Relationship between parathyroid hormone, calcitonin, thyroxine and bone metabolism] Blahoš J, et al. Cas Lek Cesk 108:1118-21, Sep 69 (Cze)

[Synthetic polypeptide derivatives with thyrotropin releasing factor hypophysiotropic activity] Burgus R, et al. C R Acad Sci [D] (Paris) 268:2116-8, 21 Apr 69 (Fre)

[Autoradiographic study of the action of temperature and thyroxine on the length of the mitotic cycles in late embryo and young larvae of Pleurodeles waltlii Michah. (urodele amphibian)] Chibon P, et al. C R Acad Sci [D] (Paris) 269:70-3, 7 Jul 69 (Fre)

[Mobilization of rabbit lymphocytes by injection of various drugs (heparin, tonicardiacs)] Pompidou A, et al. C R Soc Biol (Paris) 163:11-5, 1969 (Fre)

[Antilipemics and atherosclerosis] Chiche P, et al. Coeur Med Intern 6:235-43, Apr 67 (Fre)

[Interactions of catecholamines and thyroxine on contractibility of cat papillary muscle] Pannier JL. J Physiol (Paris) 60:Suppl 2:508, 1968 (Fre)

[Influence of estradiol on the antigoiter action of thyroid hormones] Sánchez López-Tello C. J Physiol (Paris) 60:Suppl 2:538-9, 1968 (Fre)

[Thyroid-noradrenaline interaction on metabolism] Villemaire A, et al. J Physiol (Paris) 60:Suppl 2:381, 1968 (Fre)

[The influence of the thyroid gland state on enzyme activity of glycogen metabolism of the rat skeletal muscles] Krause EG, et al. Acta Biol Med German 21:615-24, 1968 (Ger)

[Effects of D-thyroxine on PB127I in the serum. (Studies in hyper- and hypothyroidism)] Krüskemper HL, et al. Acta Endocr (Kobenhavn) 61:359-68, Jun 69 (Ger)

[Metabolite content and enzyme permeability of isolated human blood cells without substrate and with addition of metabolic poisons] Englhardt A, et al. Enzym Biol Clin (Basel) 10:258-80, 1969 (Ger)

[Studies on the relationship between thyroid hormones and catecholamines, with special reference to carbohydrate metabolism in the muscle] Inoue K, et al. Folia Endocr Jap 45:310-20, 20 Jun 69 (Jap)

[Concerning the effect of prolactin, thyroxine and insulin on lactation] Golovan' VT. Fiziol Zh SSSR Sechenov 54:638-46, May 68 (Rus)

[Reaction of the skeletal muscles to increased thyroxine content in the organism of the rat] Artsishevskaia RA. Tsitologiia 10:1485-9, Nov 68 (Rus)

PHYSIOLOGY

Relationships between blood thyrotrophin level, protein bound iodine and free thyroxine concentration in man under normal physiological conditions. Lemarchand-Béraud T, et al. Acta Endocr (Kobenhavn) 60:315-26, Feb 69

Effects of hormones on development and function of lymphoid tissues. Synergistic action of thyroxin and somatotropic hormone in pituitary dwarf mice. Baroni CD, et al. Immunology 17:303-14, Aug 69

[Synthesis and biologic activity of thyroxine and adrenergic derivatives. X. Influence on mitochondrial respiration of thyroid products associated with different effectors of ATP synthesis] Michel R, et al. Bull Soc Chim Biol (Paris) 51:373-88, 26 Jun 69 (Fre)

[Influence of adrenaline on the oxygen consumption of thyroidectomized rats chronically treated with thyroid hormones] Michel R, et al. C R Soc Biol (Paris) 162:2104-6, 1968 (Fre)

[Action of thyroid hormones on basal metabolism, growth and liver RNA polymerase in rats] Michel R, et al. C R Soc Biol (Paris) 162:1915-9, May 69 (Fre)

[Action of thyroid hormones by the oxido-reduction state of the NAD-NADH system in vivo] Fiorentini A, et al. J Physiol (Paris) 60:Suppl 2:442-3, 1968 (Fre)

[The influence of the thyroid gland on intestinal absorption of sterols] Haluszka J. Folia Med Cracov 10:691-706, 1968 (Pol)

POISONING

Occult factitial thyrotoxicosis. Thyroxine kinetics and

psychological evaluation in three cases. Rose E, et al.
Ann Intern Med 71:309-15, Aug 69

[Metabolism of the myocardium in experimental thyroxin toxicosis and after thyroidectomy] Stroev EA, et al. Kardiologiia 8:130-4, Nov 68 (Rus)

SECRETION

The influence of iodine in thyroid iodine accumulation and turnover in euthyroid Australian subjects. Myhill J, et al. Acta Endocr (Kobenhavn) 62:1-10, Sep 69

Mechanisms of Graves' disease and endocrine exophthalmos. Anderson DR.
Amer J Ophthal 68:46-57, Jul 69 (131 ref.)

Qualitative and quantitative aspects of thyroxine metabolism in sheep. Irvine CH.
Endocrinology 85:662-73, Oct 69

[Recent studies on goiter in Spain] Sánchez Martin JA.
Munchen Med Wschr 111:1416-20, 20 Jun 69 (39 ref.) (Ger)

[Recent contributions on simple goiter in Spain] Sánchez Martín JA.
Rev Clin Esp 113:517-22, 30 Jun 69 (39 ref.) (Spa)

THERAPEUTIC USE

Cytodiagnosis of thyroiditis. A comparative study of cytological, histological, immunological and clinical findings in thyroiditis, particularly in diffuse lymphoid thyroiditis. Persson PS.
Acta Med Scand Suppl 483:7+, 1968

Occult factitial thyrotoxicosis. Thyroxine kinetics and psychological evaluation in three cases. Rose E, et al.
Ann Intern Med 71:309-15, Aug 69

Uveal effusion as a sign of myxoedema. Richardson J, et al. Brit J Ophthal 53:557-60, Aug 69

Intestinal obstruction and hypothyroidism. Cole P, et al. Brit Med J 3:655-6, 13 Sep 69

Abnormal height in children. Hamilton W.
Develop Med Child Neurol 11:521-4, Aug 69

Effects of hormones on development and function of lymphoid tissues. Synergistic action of thyroxin and somatotropic hormone in pituitary dwarf mice. Baroni CD, et al. Immunology 17:303-14, Aug 69

Effects of magnesium deficiency, dietary sulfate and thyroxine treatment on kidney calcification and tissue protein-bound carbohydrate in the rat. Jacob M, et al. J Nutr 99:51-7, Sep 69

Treatment of hypothyroidism and myxedema coma. Nicoloff JT. Mod Treatm 6:465-73, May 69

The hyperfunctioning thyroid nodule. Morton WM, et al. Southern Med J 62:1036-41, Sep 69

[Antilipemics and atherosclerosis] Chiche P, et al.
Coeur Med Intern 6:235-43, Apr 67 (Fre)

[Current possibilities of medical treatment for "secretory" male sterility] Valsecchi A, et al.
Minerva Ginec 20:1831-9, 15 Dec 68 (Ita)

[Early diagnosis and treatment of hyperthyroidism and hypothyroidism] Shizume K.
Naika 23:1209-13, Jun 69 (Jap)

[Congenital goiter] Almeida R de.
Rev Port Pediat 31:246-59, Sep-Oct 68 (Por)

URINE

Qualitative and quantitative aspects of thyroxine metabolism in sheep. Irvine CH.
Endocrinology 85:662-73, Oct 69

TRIIODOTHYRONINE

The nature of thyroxine and related compounds as electron donors. Mauchamp J, et al.
Biochemistry (Wash) 8:1554-7, Apr 69

Heart mitochondrial function in acute and in chronic hyperthyroidism in rats. Piatnek-Leunissen DA, et al.
Circ Res 25:171-81, Aug 69

Recovery of thyroid hormone biosynthesis after a single injection of methylthiouracil as judged by thyroidal radioiodine uptake, thyroidal protein-bound iodine, thyroidal radioiodinated amino acids and thyroglobulin in the rat. Sugita Y, et al.
Endocr Jap 16:21-8, Feb 69

Endocrine influence on urinary 5-hydroxyindoleacetic acid output in the rat. Abdel-Aziz A.
Europ J Pharmacol 7:49-55, Jul 69

Changes in the ankle jerk time in the course of radiothyroidectomy and the treatment of subsequent hypothyroidism. Váňa S, et al.
Rev Franc Etud Clin Biol 14:380-3, Apr 69

ADMINISTRATION & DOSAGE

Triiodothyronine and phenothiazines in schizophrenia. Wolpert A, et al. Dis Nerv Syst 30:487-9, Jul 69

The management of obesity: some recent concepts. Weinhaus RS.
Missouri Med 66:719-23 passim, Sep 69 (23 ref.)

Treatment of hypothyroidism with synthetic thyroid hormones. Bakke JL, et al.
Northwest Med 68:651-6, Jul 69

[Antidiuretic state with hyponatremia in the course of hypothyroidism] Raymond JP.
Presse Med 76:2377-8, 21 Dec 68 (Fre)

ADVERSE EFFECTS

[Simultaneous presence of 2 distinct soudanophil formations in the X adrenal zone of post-partum mice having recieved 3:5:3' triiodothyronine] Chirvan-Nia P. C R Acad Sci [D] (Paris) 268:3103-6, 23 Jun 69 (Fre)

ANALYSIS

The metabolism of radioactive L-5' isopropyl-3',3,5 triiodothyronine and its relation to thyroid hormone action. Gordon A, et al.
Acta Endocr (Kobenhavn) 60:352-68, Feb 69

[Study of thyroid hormone synthesis in a patient with congenital goiter] Peyrin JO, et al.
Rev Franc Etud Clin Biol 14:459-65, May 69 (Fre)

BLOOD

The influence of triiodothyronine (T3) treatment on the resin uptake of 131I-triiodothyronine. Dussault J, et al. Acta Endocr (Kobenhavn) 61:441-8, Jul 69

The effect of neonatal x-irradiation on the accumulation and degradation of 131I-1 triiodothyronine in the maturing rat central nervous system. Cohan SL, et al.
Acta Neurol Scand 45:129-50, 1969

Thyroxine distribution during halothane anesthesia in man. Oyama T, et al.
Anesth Analg (Cleveland) 48:715-9, Sep-Oct 69

Recent advances in the diagnosis of the diseases of the thyroid. Rall JE.
Clin Chim Acta 25:339-44, Aug 69 (16 ref.)

Artifactual elevation of PBI from an iodinated dye used to stain medicinal capsules pink. Bora SS, et al.
J Clin Endocr 29:1269-71, Sep 69

Parameters of thyroid function in maternal and cord serum at term pregnancy. Robin NI, et al.
J Clin Endocr 29:1276-80, Sep 69

I-131-labeled triiodothyronine (T-3) values for populations of a semi-rural mountainous area in New Mexico. Thomas CG, et al.
Southwest Med 50:125-7, Aug 69

[Effects of D-thyroxine on PB127I in the serum. (Studies in hyper- and hypothyroidism)] Krüskemper HL, et al.
Acta Endocr (Kobenhavn) 61:359-68, Jun 69 (Ger)

[Hydroxyproline determination in the urine for diagnosis of thyroid function] Langness U, et al.
Med Klin 64:1111-4, 13 Jun 69 (Ger)

[Progress in thyroid hormone determination] Nagataki S. Naika 24:73-9, Jul 69 (19 ref.) (Jap)

[Results of Hamolsky's test in the 1st trimester of normal pregnancy, abortions and missed abortions] Dzierżanowski E. Ginek Pol 40:505-9, May 69 (Pol)

DIAGNOSTIC USE

Mechanisms of Graves' disease and endocrine exophthalmos. Anderson DR.
Amer J Ophthal 68:46-57, Jul 69 (131 ref.)

Bilateral exophthalmic ophthalmoplegia. A case report. Scarlato G, et al. Europ Neurol 2:285-95, 1969.

Influence of heparin on serum free thyroxine. Schatz DL, et al. J Clin Endocr 29:1015-22, Aug 69

[Comparative study of the thyroid uptake curves for radioactive iodine and labelled hormonal iodine during the triiodothyronine suppression test (Werner test). Apropos of 100 tests] Jaffiol C, et al.
Rev Franc Endocr Clin 10:31-56, Jan-Feb 69 (Fre)

[The inhibition test of thyroid function with triiodothyronine in hyperthyroid patients under medical therapy: comparison of the values obtained from measures of "early" uptake and in the organic phase] Valentini F, et al.
Folia Endocr (Roma) 21:396-403, Aug 68 (Ita)

METABOLISM

The metabolism of radioactive L-5' isopropyl-3',3,5 triiodothyronine and its relation to thyroid hormone action. Gordon A, et al.
Acta Endocr (Kobenhavn) 60:352-68, Feb 69

The effect of neonatal x-irradiation on the accumulation and degradation of 131I-1 triiodothyronine in the maturing rat central nervous system. Cohan SL, et al.
Acta Neurol Scand 45:129-50, 1969

In vitro resin sponge uptake test of T3 and T4 in animals and man. Quinlan WJ Jr, et al.
Amer J Vet Res 30:1471-3, Aug 69

Recent advances in the diagnosis of the diseases of the thyroid. Rall JE.
Clin Chim Acta 25:339-44, Aug 69 (16 ref.)

PHARMACODYNAMICS

The metabolism of radioactive L-5' isopropyl-3',3,5 triiodothyronine and its relation to thyroid hormone action. Gordon A, et al.
Acta Endocr (Kobenhavn) 60:352-68, Feb 69

The effect of triiodothyronine on cervical lymphoid structures, thyroid activity, IgG and IgM immunoglobulin level and exophthalmos in Graves' disease. Mahaux JE, et al.
Acta Endocr (Kobenhavn) 61:400-6, Jul 69

Changes in the concentrations of hepatic metabolites on administration of dihydroxyacetone or glycerol to starved rats and their relationship to the control of ketogenesis. Williamson DH, et al.
Biochem J 114:575-84, Sep 69

The effect of neonatal thyroidectomy on myelination in the rat brain. Balázs R, et al.
Brain Res 15:219-32, Sep 69

Hormonal regulation of brain development. 3. Effects of triiodothyronine and growth hormone on the biochemical changes in the cerebral cortex and cerebellum of neonatally thyroidectomized rats. Krawiec L, et al. **Brain Res 15:209-18, Sep 69**

Interrelationships between thyrocalcitonin, parathyroid hormone and vitamin D: control of serum calcium in hypervitaminosis D. Melancon MJ Jr, et al.
Endocrinology 85:704-10, Oct 69

Effects of testosterone and of tri-iodothyronine on the levels of mitochondrial DNA and RNA from rat liver. De Leo T, et al. **Life Sci 8:747-55, 15 Jul 69**

Visual pigment changes in juvenile kokanee salmon in response to thyroid hormones. Beatty DD.
Vision Res 9:855-64, Aug 69

[Synthesis and biologic activity of thyroxine and adrenergic derivatives. X. Influence on mitochondrial respiration of thyroid products associated with different effectors of ATP synthesis] Michel R, et al.
Bull Soc Chim Biol (Paris) 51:373-88, 26 Jun 69 (Fre)

[Synthesis and biological activity of thyroxine and adrenergic derivatives. IX. Influence of thyroid hormones and their acetate metabolites on mitochondrial respiration] Michel R, et al.
Bull Soc Chim Biol (Paris) 51:355-72, 26 Jun 69 (Fre)

[Influence of estradiol on the antigoiter action of thyroid hormones] Sánchez López-Tello C.
J Physiol (Paris) 60:Suppl 2:538-9, 1968 (Fre)

[The effect of triiodothyronine on the veral function in patients with primary myxedema] Kliachko VR, et al.
Probl Endokr (Moskva) 14:31-4, Nov-Dec 68 (Rus)

PHYSIOLOGY

[Influence of adrenaline on the oxygen consumption of thyroidectomized rats chronically treated with thyroid hormones] Michel R, et al.
C R Soc Biol (Paris) 162:2104-6, 1968 (Fre)

[Action of thyroid hormones on basal metabolism, growth and liver RNA polymerase in rats] Michel R, et al. **C R Soc Biol (Paris) 162:1915-9, May 69 (Fre)**

THERAPEUTIC USE

The influence of triiodothyronine (T3) treatment on the resin uptake of 131I-triiodothyronine. Dussault J, et al. **Acta Endocr (Kobenhavn) 61:441-8, Jul 69**

Enhancement of imipramine antidepressant activity by thyroid hormone. Prange AJ Jr, et al.
Amer J Psychiat 126:457-69, Oct 69

Treatment of hypothyroidism and myxedema coma. Nicoloff JT. **Mod Treatm 6:465-73, May 69**

Partial puborectalis resection: a new surgical technic for anorectal dysfunction. Wallace WC, et al.
Southern Med J 62:1123-6, Sep 69

[Congenital hypothyroidism due to a type I hormonogenesis disorder. (3 cases in the same family and literature review)] Marie J, et al.
Ann Pediat (Paris) 16:424-36, Jun-Jul 69 (Fre)

[Thyroid nodule: diagnostic and therapeutic problems] Jaffiol C. **Sem Hop Paris 45:2031-2, 20 Jun 69 (Fre)**

[Electroencephalographic changes in hypothyroidism. Effects of L-triiodothyronine and triiodothyropropionic acid therapy] Benedetti A, et al. **Riv Pat Nerv Ment 88:547-58, Dec 67 (Ita)**

[Early diagnosis and treatment of hyperthyroidism and hypothyroidism] Shizume K.
Naika 23:1209-13, Jun 69 (Jap)

[Serotonin metabolism disorders during early myxedema] Kliachko VR, et al.
Vop Med Khim 14:577-80, Nov-Dec 68 (Rus)

THYROID

IV. Thyroid Antagonists and Inhibitors

CARBIMAZOLE

ADVERSE EFFECTS

Psychosis and antithyroid drug therapy. Hedley AJ, et al. **Brit Med J 3:596-7, 6 Sep 69**

Iatrogenic hypothyroid psychosis. Whybrow PC. **Brit Med J 3:474-5, 23 Aug 69**

THERAPEUTIC USE

Effect of pretreatment with carbimazole in patients with thyrotoxicosis subsequently treated with radioactive iodine. Goolden AW, et al. **Brit Med J 3:443-4, 23 Aug 69**

Treatment of thyrotoxicosis with low doses of radioactive iodine. Goolden AW, et al. **Brit Med J 3:442-3, 23 Aug 69**

Haemochromatosis, diabetes, and hyperthyroidism. Herford ME. **Brit Med J 1:359, 9 Aug 69**

Plasma glycerol and glycerol turnover during treatment of hyperthyroidism. Tibbling G, et al. **Clin Chim Acta 25:189-98, Aug 69**

Neonatal thyrotoxicosis. Hopton DS, et al. **Proc Roy Soc Med 62:817, Aug 69**

Changes in the ankle jerk time during the course of radioiodine treatment of hyperthyroidism. Zamrazil V, et al. **Rev Franc Etud Clin Biol 14:377-80, Apr 69**

[Blocking of adrenergic beta receptors with propranolol in the treatment of thyrotoxicosis] Felt V. **Cas Lek Cesk 108:1124-7, Sep 69 (Cze)**

[The inhibition test of thyroid function with triiodothyronine in hyperthyroid patients under medical therapy: comparison of the values obtained from measures of "early" uptake and in the organic phase] Valentini F, et al. **Folia Endocr (Roma) 21:396-403, Aug 68 (Ita)**

METHIMAZOLE

ADMINISTRATION & DOSAGE

The use of antithyroid drugs in a single daily dose. Treatment of diffuse toxic goiter. Kammer H, et al. **JAMA 209:1325-7, 1 Sep 69**

[Granulocytopenia in the course of treatment with favistan] Palmar I, et al. **Vojnosanit Pregl 26:279-84, Jun 69 (Cro)**

ADVERSE EFFECTS

Parotid gland swelling due to methimazole. Moehlig RC. **JAMA 209:1224, 25 Aug 69**

[Granulocytopenia in the course of treatment with favistan] Palmar I, et al. **Vojnosanit Pregl 26:279-84, Jun 69 (Cro)**

PHARMACODYNAMICS

Fate of iodide derived from intrathyroidal hyrolysis of thyroglobulin. Greer MA, et al. **Endocrinology 85:837-45, Nov 69**

METHYLTHIOURACIL

[The role of thyroid hormone in the regulation of blood anticoagulation system] Kudriashov BA, et al. **Probl Endokr (Moskva) 14:84-8, Nov-Dec 68 (Rus)**

[Changes of some indices of tissue metabolism in rabbits fed with strumigens for prolonged periods (concerning the role of hypoxia in pathogenesis of goiter] Nesyn IN. **Probl Endokr (Moskva) 14:80-3, Nov-Dec 68 (Rus)**

[The effect of galascorbin on oxidative phosphorylation in liver mitochondria in hypothyreosis] Pokotilenko GM. **Vrach Delo 12:23-5, Dec 67 (Rus)**

PHARMACODYNAMICS

Recovery of thyroid hormone biosynthesis after a single injection of methylthiouracil as judged by thyroidal radioiodine uptake, thyroidal protein-bound iodine, thyroidal radioiodinated amino acids and thyroglobulin in the rat. Sugita Y, et al. **Endocr Jap 16:21-8, Feb 69**

[Effect of thyreostatic drugs (I2,MTU,POP) and alloxan on the appearance of circular bands in the musculus rectus superior oculi in the white rat] Sitka U, et al. **Gegenbaur Morph Jahrb 112:480-3, 1968 (Ger)**

[The basal metabolism and morphologic features of the thyroid glands of mouse lines C3H and C57BL under normal conditions and under the influence of thyroidin and methylthiouracil] Skamkov ME, et al. **Biull Eksp Biol Med 67:104-6, Feb 69 (Rus)**

[Effect of thyreoidine and 6-methylthiouracil on the secretory enzymatic activity of the pancreas] Kienia AI. **Fiziol Zh SSSR Sechenov 55:221-6, Feb 69 (Rus)**

[Effect of 4-methyluracil on the efficiency of muscle training] Oreshchenko NI. **Fiziol Zh SSSR Sechenov 55:227-30, Feb 69 (Rus)**

[Role of the disturbance in vascular permeability and lipid metabolism in the induction of noncholesterol arteriosclerosis in dogs] Sukhanov AA. **Kardiologiia 9:119-23, Apr 69 (Rus)**

[Pathomorphologic changes of the heart muscle in hypo-and athyroidism] Zhukova NI. **Probl Endokr (Moskva) 13:92-6, May-Jun 67 (Rus)**

THERAPEUTIC USE

[A case of diffuse ochronosis] Wasa J, et al. **Beitr Orthop Trauma 15:482-4, Aug 68 (Ger)**

[The therapy and prevention of hepatorenal insufficiency in obstructive jaundice] Vitlin VI. **Klin Khir (Kiev) 2:20-5, Feb 68 (Rus)**

[Various findings on the processes of natural detoxication of the body during infectious processes] Kiselev PN, et al. **Zh Mikrobiol 44:93-9, Oct 67 (19 ref.) (Rus)**

PROPYLTHIOURACIL

Alteration by neonatal hypothyroidism of the critical period for the induction of persistent estrus in the rat. Kikuyama S. **Endocr Jap 16:269-73, Apr 69**

The course of radiation disease in hyper-and hypothyreotic rats. Siebodziński A, et al. **Folia Biol (Krakow) 17:145-58, 1969**

[Influence of estradiol on the antigoiter action of thyroid hormones] Sánchez López-Tello C. **J Physiol (Paris) 60:Suppl 2:538-9, 1968 (Fre)**

ADMINISTRATION & DOSAGE

The use of antithyroid drugs in a single daily dose. Treatment of diffuse toxic goiter. Kammer H, et al. **JAMA 209:1325-7, 1 Sep 69**

ADVERSE EFFECTS

Cancer of the uterine cervix in mice fed a liquid diet containing an antifertility drug. Dunn TB. **J Nat Cancer Inst 43:671-92, Sep 69**

PHARMACODYNAMICS

Mechanism of goitorogenesis by very low doses of propylthiouracil and the role of iodine intake. Herrera E, et al. **Acta Endocr (Kobenhavn) 59:529-44, Dec 68**

Laboratory studies of 1-methyl-4-piperidyl bis(p-chlorophenoxy) acetate (SaH 42-348)--a new hypolipidemic agent. Timms AR, et al. **Biochem Pharmacol 18:1861-71, Aug 69**

Fate of iodide derived from intrathyroidal hyrolysis of thyroglobulin. Greer MA, et al. **Endocrinology 85:837-45, Nov 69**

Hormone-induced modifications of free tyrosine in the

rat thyroid gland. Hodge JV, et al.
J Physiol (London) 203:1-12, Jul 69
The rat erythrocyte in induced hyper- and hypothyroidism. Isaacs A. W Afr Med J 18:50-5, Apr 69

THERAPEUTIC USE

Protein-bound iodine during antithyroid treatment. Christensen LK, et al.
Acta Med Scand 185:483-7, Jun 69
Acute pancreatitis in gynecologic and obstetric practice. Walker BE, et al.
Amer J Obstet Gynec 105:206-11, 15 Sep 69
[Case of hyperthyroidism associated with periodic paralysis] Tamura K, et al.
Naika 23:779-82, Apr 69 (Jap)
[Hyperthyroidism and the aortic functional syndrome: case report] Forti N, et al.
Rev Hosp Clin Fac Med S Paulo 24:197-202, May-Jun 69 (Por)

THIOURACIL

Functional alterations in rat thyroid ribosomes. Grief RL, et al. Endocrinology 85:855-60, Nov 69
Photoreducation of 4- and 2-thiouracil and 4-thiouridine. Sato E, et al.
Tetrahedron Lett 40:3547-8, Sep 69

ADVERSE EFFECTS

Carcinoma of the thyroid with leptomeningeal dissemination following the treatment of a toxic goitre with 131-I and methyl thiouracil. Case with a co-existing intracranial dermoid. Barnard RO, et al.
J Neurol Sci 8:299-306, Mar-Apr 69

ANALYSIS

Cnersion of 4-thiouracil in amino acid-transfer ribonucleic acid into N4-methyl-cytidine for sequence analysis. Burto K. Biochem J 114:30P-31P, Sep 69
The structure of tobacco mosaic virus from base analogue treated tobacco leaves. Nomura A, et al.
Jap J Microbiol 13:193-7, Jun 69

PHARMACODYNAMICS

Effects of prolactin and growth hormone on growth and metamorphosis of tadpoles of the frog, Rana pipiens. Brown PS, et al. Gen Comp Endocr 13:126-38, Aug 69

THERAPEUTIC USE

[Therapy of thyrotoxicosis]
Helv Med Acta Suppl 48:63+, May 68 (Ger)

THYROID ANTAGONISTS

Studies on the antithyroid activity of naturally occurring L-5-vinyl-2-thiooxazolidone and its urinary metabolite in rats. Langer P, et al.
Acta Endocr (Kobenhavn) 62:21-30, Sep 69
The effect of thyroid function on hemoglobin differentiation in the chick. Atherton RW.
J Embryol Exp Morph 22:99-105, Aug 69

ADMINISTRATION & DOSAGE

Total thyroidectomy in the management of thyrotoxic and euthyroid Graves' disease. Catz B, et al.
Amer J Surg 118:434-9, Sep 69
The use of antithyroid drugs in a single daily dose. Treatment of diffuse toxic goiter. Kammer H, et al.
JAMA 209:1325-7, 1 Sep 69

ADVERSE EFFECTS

Psychosis and antithyroid drug therapy. Hedley AJ, et al. Brit Med J 3:596-7, 6 Sep 69
Iatrogenic hypothyroid psychosis. Whybrow PC.
Brit Med J 3:474-5, 23 Aug 69
Parotid gland swelling due to methimazole. Moehlig RC. JAMA 209:1224, 25 Aug 69
[Granulocytopenia in the course of treatment with favistan] Palmar I, et al.
Vojnosanit Pregl 26:279-84, Jun 69 (Cro)

METABOLISM

[On the toxicological evaluation of ammonium perchlorate as an antithyroid preparation] Selivanova LN. Farmakol Toksik 32:331-3, May-Jun 69 (Rus)

PHARMACODYNAMICS

Fate of iodide derived from intrathyroidal hyrolysis of thyroglobulin. Greer MA, et al.
Endocrinology 85:837-45, Nov 69
[Action of an antithyroid agent, 1-methyl, 2-mercaptoimidazole (Basolan) on the growth of chick embryo heart fibroblasts cultures] Rumpler Y.
C R Soc Biol (Paris) 162:2260-2, 1968 (Fre)
[Nipiopharmacology of thyroid hormones, thyreotrope hormone, hormones of the neuro-hypophisis and serotonin] Cao A.
Minerva Nipiol 17:238-94, Nov-Dec 67 (999 ref.) (Ita)
[Effect of pharmacological substances on the blood supply and work of the heart] Kisin IE.
Kardiologiia 9:143-9, Jun 69 (67 ref.) (Rus)

THERAPEUTIC USE

Effect of pretreatment with carbimazole in patients with thyrotoxicosis subsequently treated with radioactive iodine. Goolden AW, et al.
Brit Med J 3:443-4, 23 Aug 69
Plasma glycerol and glycerol turnover during treatment of hyperthyroidism. Tibbling G, et al.
Clin Chim Acta 25:189-98, Aug 69
Experience with the treatment of primary thyrotoxicosis. Udupa KN, et al.
J Indian Med Ass 52:416-7, 1 May 69
Neonatal thyrotoxicosis. Hopton DS, et al.
Proc Roy Soc Med 62:817, Aug 69
[The inhibition test of thyroid function with triiodothyronine in hyperthyroid patients under medical therapy: comparison of the values obtained from measures of "early" uptake and in the organic phase] Valentini F, et al.
Folia Endocr (Roma) 21:396-403, Aug 68 (Ita)
[Chronic myopathy during hyperthyroidism with successful treatment] Mąkowska R, et al.
Przegl Lek 25:492-3, 24 Jun 69 (Pol)
[Dynamics of protein-bound iodine and iodine extracted with butanol in diffuse toxic goiter patients treated with radioactive iodine (I-131) after preliminary treatment with mercazolyl and reserpine] Anestiadi ZG.
Probl Endokr (Moskva) 15:6-10, Jan-Feb 69 (Rus)
[Basic principles of medical treatment of thyroid diseases] Seyahi V.
Turk Tip Cem Mec 35:227-35, Apr 69 (Tur)

TOXICITY

[On the toxicological evaluation of ammonium perchlorate as an antithyroid preparation] Selivanova LN. Farmakol Toksik 32:331-3, May-Jun 69 (Rus)

THYROID

V. Related Topics

EXOPHTHALMOS

[On an unusual case of intra-uterine synostosis of the sutura coronalis and sutura lambdoidea: its possible relations with the Holtermuller and Wiedemann syndrome] Moscatelli P, et al.
Clin Pediat (Bologna) 50:972-8, Dec 68 (Ita)

[Unilateral exophthalmos] Handa H, et al.
Surg Ther (Osaka) 20:363-75, Apr 69 (Jap)

[Identity of exophthalmic activity of the hypophysis and of the blood serum] Avenirova ZA, et al.
Probl Endokr (Moskva) 14:29-32, Jul-Aug 68 (Rus)

[The effect of exophthalmic factor o he metabolism of sulfated polysaccharides] Limanova EE.
Probl Endokr (Moskva) 15:83-6, Jan-Feb 69 (Rus)

BLOOD

Mechanisms of Graves' disease and endocrine exophthalmos. Anderson DR.
Amer J Ophthal 68:46-57, Jul 69 (131 ref.)

COMPLICATIONS

Mechanisms of Graves' disease and endocrine exophthalmos. Anderson DR.
Amer J Ophthal 68:46-57, Jul 69 (131 ref.)

[Brain tumors from the ophthalmologic viewpoint] Otori T, et al.
Jap J Clin Med 27:1627-41, Jun 69 (57 ref.) (Jap)

DIAGNOSIS

Electromyography of the extraocular muscles in exophthalmos. A contribution to the problem of differential diagnosis. Zauberman H, et al.
Israel J Med Sci 5:378-82, May-Jun 69

[Results and problems in the use of B-scanning equipment in ophthalmologic ultrasonics diagnosis] Buschmann W, et al.
Schweiz Med Wschr 99:1025-33, 12 Jul 69 (Ger)

[Orbital ultrasonography--method of choice for the diagnosis of unilateral exophthalmos] Ossoinig K.
Schweiz Med Wschr 99:1033-9, 12 Jul 69 (Ger)

[Analytical studies on the relationship between thyroid function tests by means of the "theory of quantification," with proposal of the formulae for estimation of protein-bound iodine and basal metabolic rate] Sekiya M.
Folia Endocr Jap 45:45-64, 20 Apr 69 (Jap)

[Electromyography in neurogenic and pseudoneurogenic disorders of ocular motility. IV. Characteristics of ocular myopathies--differential diagnosis] Wójtowicz S.
Klin Oczna 39:423-30, 1969 (Pol)

[Angiography and its application in ophthalmology] Panfilova GV. **Oftal Zh 24:139-46, 1969 (56 ref.) (Rus)**

[Contribution to the pathologic pattern of myogenic inflammatory disorders of ocular motility] Lössner J, et al. **Folia Clin Int (Barc) 17:545-55, Nov 69 (Spa)**

DRUG THERAPY

The effect of triiodothyronine on cervical lymphoid structures, thyroid activity, IgG and IgM immunoglobulin level and exophthalmos in Graves' disease. Mahaux JE, et al.
Acta Endocr (Kobenhavn) 61:400-6, Jul 69

Synergistic and inhibitory activity of various hormones on the exophthalmo producing factor in sera of patients suffering from endocrine exophthalmos. Schemmel K, et al.
Acta Endocr (Kobenhavn) 61:407-14, Jul 69

ETIOLOGY

Congenital arterio-sinusal fistulae. Kune Z, et al.
Acta Neurochir (Wien) 20:85-103, 1969

Mechanisms of Graves' disease and endocrine exophthalmos. Anderson DR.
Amer J Ophthal 68:46-57, Jul 69 (131 ref.)

Orbital osteomata within the domain of ophthalmic surgery. Mortada A. **Canad J Ophthal 4:258-65, Jul 69**

Effects of thyrotropin on 35S-sulfate uptake by mouse Harderian gland. Singh SP, et al.
Endocrinology 85:952-5, Nov 69

Electromyography of the extraocular muscles in exophthalmos. A contribution to the problem of differential diagnosis. Zauberman H, et al.
Israel J Med Sci 5:378-82, May-Jun 69

Chloroma with autopsy reports. Ahluwalia PP, et al.
J All India Ophthal Soc 16:81-4, Jun 68

Proptosis migrans. Gupta JS, et al.
J All India Ophthal Soc 16:85-8, Jun 68

Bilateral orbital involvement in nasopharyngeal carcinoma. Gupta KK, et al.
J All India Ophthal Soc 16:98-100, Jun 68

Proptosis--a clinical analysis of 141 cases. Mohan H, et al. **J All India Ophthal Soc 16:91-7, Jun 68**

Acute bilateral proptosis in acute lymphatic leukaemia. Sen DK, et al. **J All India Ophthal Soc 16:89-90, Jun 68**

[Orbital pseudotumor within the scope of an incomplete Wegener's granulomatosis] Bodosi M, et al. **Neurochirurgia (Stuttgart) 12:144-55, Jul 69 (Ger)**

[Bilateral orbital lymphoreticulosarcoma (orbital phlebographic findings in relation to radiotherapy)] Palmieri L, et al. **Ann Ottal 94:1063-8, Sep 68 (Ita)**

[Muscle embolization for intracarotid-cavernous arteriovenous fistula, with special reference to postoperative vision disorders] Hashi K, et al.
Brain Nerve (Tokyo) 21:745-53, Jul 69 (Jap)

[Unilateral exophthalmos] Handa H, et al.
Surg Ther (Osaka) 20:363-75, Apr 69 (Jap)

[Contribution to the pathologic pattern of myogenic inflammatory disorders of ocular motility] Lössner J, et al. **Folia Clin Int (Barc) 17:545-55, Nov 69 (Spa)**

OCCURRENCE

Proptosis--a clinical analysis of 141 cases. Mohan H, et al. **J All India Ophthal Soc 16:91-7, Jun 68**

RADIOGRAPHY

Orbitography with water-soluble contrast media. Fog J, et al. **Acta Radiol [Diagn] (Stockholm) 8:329-36, Jul 69**

Orbitography. A report on twenty consecutive cases. Beisner DH, et al. **Amer J Ophthal 68:205-16, Aug 69**

[Unilateral exophthalmos] Handa H, et al.
Surg Ther (Osaka) 20:363-75, Apr 69 (Jap)

RADIOTHERAPY

[On so-called tentative x-ray therapy in unilateral exophthalmos] Brovkina AF, et al.
Vestn Oftal 81:57-61, Jul-Aug 68 (Rus)

[Destruction of the hypophysis by interstitial irradiation (review of the literature)] Liass FM.
Vop Neirokhir 33:52-6, Mar-Apr 69 (37 ref.) (Rus)

THERAPY

[Basic principles of medical treatment of thyroid diseases] Seyahi V.
Turk Tip Cem Mec 35:227-35, Apr 69 (Tur)

EXOPHTHALMOS PRODUCING SUBSTANCE

[Identity of exophthalmic activity of the hypophysis and of the blood serum] Avenirova ZA, et al.
Probl Endokr (Moskva) 14:29-32, Jul-Aug 68 (Rus)

[The effect of exophthalmic factor o he metabolism of sulfated polysaccharides] Limanova EE.
Probl Endokr (Moskva) 15:83-6, Jan-Feb 69 (Rus)

ANTAGONISTS & INHIBITORS

Synergistic and inhibitory activity of various hormones on the exophthalmo producing factor in sera of patients suffering from endocrine exophthalmos. Schemmel K, et al.
Acta Endocr (Kobenhavn) 61:407-14, Jul 69

BLOOD

Mechanisms of Graves' disease and endocrine exophthalmos. Anderson DR.
Amer J Ophthal 68:46-57, Jul 69 (131 ref.)

PHYSIOLOGY

Mechanisms of Graves' disease and endocrine exophthalmos. Anderson DR.
Amer J Ophthal 68:46-57, Jul 69 (131 ref.)

IODIDES

The effect of guanidinium, carbamoylguanidinium, and guanylguanidinium salts on the solubility of benzoyl-L-tyrosine ethyl ester and acetyltetraglycine ethyl ester in water. Castellino FJ, et al.
Biochemistry (Wash) 8:3439-42, Aug 69

Studies on the cholinergic receptor. IV. The synthesis and muscarinic activity of 3,7-dimethyl-2,4-dioxo-7-azaspiro[3.4]octane methiodide. Ridley HF, et al.
J Med Chem 12:931-3, Sep 69

Induction of myxedema by iodide in patients euthyroid after radioiodin or surgical treatment of diffuse toxic goiter. Braverman LE, et al.
New Eng J Med 281:816-21, 9 Oct 69

ADVERSE EFFECTS

[Neonatal goiter with secondary hypothyroidism due to absorption of iodides by the mother] Hooft C, et al.
Bruxelles Med 47:249-55, 5 Mar 67 (Fre)

ANALYSIS

Qualitative and quantitative aspects of thyroxine metabolism in sheep. Irvine CH.
Endocrinology 85:662-73, Oct 69

Monoquaternary muscle paralyzing agents. 3. Synthesis of N-(omega-phthalimidoalkyl)trialkylammonium iodides. Donahoe HB, et al.
J Med Chem 12:906-7, Sep 69

Studies on the cholinergic receptor. IV. The synthesis and muscarinic activity of 3,7-dimethyl-2,4-dioxo-7-azaspiro[3.4]octane methiodide. Ridley HF, et al.
J Med Chem 12:931-3, Sep 69

[On the colorimetric determination of small amounts of iodide] Paletta B. Mikrochim Acta 5:956-9, 1969 (Ger)

BLOOD

The effect of neonatal x-irradiation on the accumulation and degradation of 131I-1 triiodothyronine in the maturing rat central nervous system. Cohan SL, et al.
Acta Neurol Scand 45:129-50, 1969

Effects of actinomycin D on the thyroid. Deodhar SD, et al. Endocrinology 85:629-37, Oct 69

Thyroid function in chronic excess iodide ingestion: release of inorganic iodide from thyroid gland in response to chronic iodide administration. Nagataki S, et al. Endocrinology 85:899-908, Nov 69

CHEMICAL SYNTHESIS

Monoquaternary muscle paralyzing agents. 3. Synthesis of N-(omega-phthalimidoalkyl)trialkylammonium iodides. Donahoe HB, et al.
J Med Chem 12:906-7, Sep 69

Studies on the cholinergic receptor. IV. The synthesis and muscarinic activity of 3,7-dimethyl-2,4-dioxo-7-azaspiro[3.4]octane methiodide. Ridley HF, et al.
J Med Chem 12:931-3, Sep 69

DIAGNOSTIC USE

Contribution to the problem of structural organization of the presynaptic area. Pfenninger K, et al.
Brain Res 12:10-8, Jan 69

METABOLISM

Effect of testosterone propionate on the distribution of radioactive iodide in recently thyroidectomized rats. Driessen OM, et al.
Acta Endocr (Kobenhavn) 60:303-14, Feb 69

Effect of experimentally induced thyroiditis on biosynthesis of thyroxine in rats. Gorman CA, et al.
Acta Endocr (Kobenhavn) 62:11-20, Sep 69

The influence of iodine in thyroid iodine accumulation and turnover in euthyroid Australian subjects. Myhill J, et al. Acta Endocr (Kobenhavn) 62:1-10, Sep 69

Comparison of 131-I retention in the plasma of rabbits fed toxic quantities of cupric or molybdate ions as supplements to a commercial pelleted diet or to an oats-alfalfa laboratory diet. Pepino AM, et al.
Canad J Physiol Pharmacol 47:635-43, Jul 69

Effects of actinomycin D on the thyroid. Deodhar SD, et al. Endocrinology 85:629-37, Oct 69

Fate of iodide derived from intrathyroidal hyrolysis of thyroglobulin. Greer MA, et al.
Endocrinology 85:837-45, Nov 69

Thyroid function in chronic excess iodide ingestion: release of inorganic iodide from thyroid gland in response to chronic iodide administration. Nagataki S, et al. Endocrinology 85:899-908, Nov 69

3-acetoxyquinuclidine methiodide. Resolution, absolute configuration, and stereospecificity of interaction with the acetylcholine binding sites. Robinson JB, et al. J Med Chem 12:848-51, Sep 69

Effects of cortisone on thyroidal iodine uptake in hypophysectomized, nephrectomized rats. McHugh WB, et al. Proc Soc Exp Biol Med 131:1417-9, Sep 69

[Seasonal variations of basal metabolism and thyroid in Microtus] Rigaudière N.
Arch Sci Physiol (Paris) 23:215-42, 1969 (Fre)

PHARMACODYNAMICS

Thyroid function in chronic excess iodide ingestion: release of inorganic iodide from thyroid gland in response to chronic iodide administration. Nagataki S, et al. Endocrinology 85:899-908, Nov 69

Monoquaternary muscle paralyzing agents. 3. Synthesis of N-(omega-phthalimidoalkyl)trialkylammonium iodides. Donahoe HB, et al.
J Med Chem 12:906-7, Sep 69

Studies on the cholinergic receptor. IV. The synthesis and muscarinic activity of 3,7-dimethyl-2,4-dioxo-7-azaspiro[3.4]octane methiodide. Ridley HF, et al.
J Med Chem 12:931-3, Sep 69

3-acetoxyquinuclidine methiodide. Resolution, absolute configuration, and stereospecificity of interaction with the acetylcholine binding sites. Robinson JB, et al. J Med Chem 12:848-51, Sep 69

[Effect of thyreostatic drugs (I2,MTU,POP) and alloxan on the appearance of circular bands in the musculus rectus superior oculi in the white rat] Sitka U, et al. Gegenbaur Morph Jahrb 112:480-3, 1968 (Ger)

[On the pathogenesis of experimental calciphylaxis of salivary glands] Immenkamp M, et al.
Virchow Arch [Path Anat] 347:211-24, 1969 (Ger)

THERAPEUTIC USE

[Stilbazium iodide in the treatment of trichocephaliasis and ascariasis] Huggins D, et al.
An Esc Nac Saude Publica Med Trop (Lisboa) 2:213-5, Jan-Dec 68 (Por)

URINE

Qualitative and quantitative aspects of thyroxine metabolism in sheep. Irvine CH.
Endocrinology 85:662-73, Oct 69

IODINE

Incorporation of 131-I into dog fibrinopeptides. Blombäck B, et al. Acta Chem Scand 23:1137-44, 1969

Effect of large doses of radioiodine on thyroid function. 3. The iodoproteins of the thyroid gland. Djurdjević D, et al. Acta Endocr (Kobenhavn) 60:281-6, Feb 69

Effect of large doses of radioiodine on thyroid function. IV. Iodoproteins in blood. Jovanović M, et al.
Acta Endocr (Kobenhavn) 60:287-93, Feb 69

Some possible roles for vitamin A in membranes: micelle formation and electron transfer. Lucy JA. **Amer J Clin Nutr 22:1033-44, Aug 69**

The subcellular distribution of 32P-labelled phospholipids, 32P-labelled ribonucleic acid and 125I-labelled odoprotein in pig thyroid slices. Effect in vitro of thyrotrophic hormone and dibutyryl-3',5'-(cyclic)-adeosine onophosphate. Kerkof PR, et al. **Biochem J 112:729-39, May 69**

The nature of thyroxine and related compounds as electron donors. Mauchamp J, et al. **Biochemistry (Wash) 8:1554-7, Apr 69**

A simple method for the determination of 5-vinyloxazolidine-2-thione in rapeseed meal. Szewczuk A, et al. **Canad J Biochem 47:817-8, Aug 69**

Nutrition in the aged: review of the literature. Esposito SJ, et al. **J Amer Geriat Soc 17:790-806, Aug 69 (110 ref.)**

Characteristics of the reactivity of thyronine, tyrosine and some iodinated derivatives of these substances in the presence of the ferric ferricyanide-arsenious acid reagent. Zappi E. **J Chromatogr 42:524-31, 22 Jul 69**

Inhibition of iodotyrosine formation by analogs of tyrosine. Degroot LJ, et al. **J Lab Clin Med 74:257-64, Aug 69**

Dietary iodine and goiter in Ceylon. **Nutr Rev 27:108-10, Apr 69 (7 ref.)**

[Recent studies on goiter in Spain] Sánchez Martin JA. **Munchen Med Wschr 111:1416-20, 20 Jun 69 (39 ref.) (Ger)**

[Absent biological demonstration of "long-acting thyroid stimulator" (LATS) in endemic euthyroid iodine deficiency goiters] Stelzer M, et al. **Munchen Med Wschr 111:1306-9, 6 Jun 69 (Ger)**

[Studies on the decoction of chinese medicines. I. On the interaction of some chemicals with starch in aqueous solution] Takaishi K, et al. **J Pharm Soc Jap 89:538-43, Apr 69 (Jap)**

[Accumulation of radioactive chromium in white rats having various levels of iodine in their rations and various states of the thyroid gland] Goncharov AT. **Gig Sanit 33:96-7, Dec 68 (Rus)**

[The role of natural cobalt content in food products in the etiology of endemic goiter] Oparin IA. **Probl Endokr (Moskva) 15:26-7, Mar-Apr 69 (Rus)**

[Recent contributions on simple goiter in Spain] Sánchez Martín JA. **Rev Clin Esp 113:517-22, 30 Jun 69 (39 ref.) (Spa)**

ADMINISTRATION & DOSAGE

Mechanism of goitorogenesis by very low doses of propylthiouracil and the role of iodine intake. Herrera E, et al. **Acta Endocr (Kobenhavn) 59:529-44, Dec 68**

The influence of iodine in thyroid iodine accumulation and turnover in euthyroid Australian subjects. Myhill J, et al. **Acta Endocr (Kobenhavn) 62:1-10, Sep 69**

[Practical advice on the procedure to follow during intravenous cholangiography] Helie J, et al. **Sem Hop Paris 45:786-90, 8 Mar 69 (Fre)**

[Intravitreal drug administration in the experimental study of retinal physiopathology. 3. Effects of sodium iodate] Ponte F, et al. **Ann Ottal 94:1037-48, Sep 68 (Ita)**

[The effect of iodine on the thyroid gland when introduced into the organism by various means] Evdokimova LI. **Vrach Delo 6:79-81, Jun 69 (Rus)**

ADVERSE EFFECTS

Artifactual elevation of PBI from an iodinated dye used to stain medicinal capsules pink. Bora SS, et al. **J Clin Endocr 29:1269-71, Sep 69**

[Pseudohypothyroidism produced by hypercholesterolemic xanthomatosis associated with Gougerot-Sjogren syndrome and exogenous iodine overloading] Ghnassia JP, et al. **Rev Franc Endocr Clin 10:233-6, May-Jun 69 (Fre)**

ANALYSIS

The influence of iodine in thyroid iodine accumulation and turnover in euthyroid Australian subjects. Myhill J, et al. **Acta Endocr (Kobenhavn) 62:1-10, Sep 69**

Dietary iodine and goiter in Ceylon. **Nutr Rev 27:108-10, Apr 69 (7 ref.)**

[Iodination of proteins in the human thyroid gland. (Normal and pathologic)] Etling N, et al. **Acta Endocr (Kobenhavn) 59:545-54, Dec 68 (Fre)**

[Alimentary iodine and its metabolism. Contribution to the study of the principal alimentary sources of iodine and of human requirements of stable iodine] Gonçalves Ferreira FA. **Cah Coll Med Hop Paris 8:571-82, 15 Jun 67 (Fre)**

[Study of thyroid hormone synthesis in a patient with congenital goiter] Peyrin JO, et al. **Rev Franc Etud Clin Biol 14:459-65, May 69 (Fre)**

[On histotopography of iodine metabolism in endemic goiters and in healthy thyroid glands] Riccabona G, et al. **Acta Endocr (Kobenhavn) 59:564-72, Dec 68 (Ger)**

[A simplified method for the determination of butanol extractable iodine (BEI)] Reisz G. **Z Med Labortechn 9:282-8, 1968 (Ger)**

[Studies on the potentiometric titrations of chinoform] Isaka H, et al. **Bull Nat Inst Hyg Sci (Tokyo) 86:15-8, 1968 (Jap)**

[Determination of 4-iodothymol. IV. Polarographic method] Iritani N, et al. **J Pharm Soc Jap 89:79-83, Jan 69 (Jap)**

[Determination of 4-iodothymol. V. Gas-liquid chromatography] Takino Y, et al. **J Pharm Soc Jap 89:84-7, Jan 69 (Jap)**

[Study of the correlations between micro- and macro-elements in the water sources of some rural localities in determination of the morbidity of endemic thyropathic dystrophy (ETD) and dental caries] Năstase V, et al. **Rev Medicochir Iasi 73:409-14, Apr-Jun 69 (Rum)**

[Radioactivation analysis of certain elements in the tissues of healthy and pathologically changed eyes] Il'ina TG. **Oftal Zh 24:196-9, 1969 (Rus)**

[Application of a fast micro-method to determine the iodine content in drinking water] Mariño Aguiar M. **Rev Sanid Hig Publica (Madrid) 41:343-55, Oct-Dec 67 (Spa)**

BLOOD

Influence of chlorophenoxyisobutyrate (CPIB) on thyroid parameters. Hansen JM. **Acta Endocr (Kobenhavn) 60:294-302, Feb 69**

Mechanism of goitorogenesis by very low doses of propylthiouracil and the role of iodine intake. Herrera E, et al. **Acta Endocr (Kobenhavn) 59:529-44, Dec 68**

Relationships between blood thyrotrophin level, protein bound iodine and free thyroxine concentration in man under normal physiological conditions. Lemarchand-Béraud T, et al. **Acta Endocr (Kobenhavn) 60:315-26, Feb 69**

Simplification of determination of serum thyroxine iodine by competitive binding analysis. Nusynowitz ML, et al. **Amer J Roentgen 106:791-3, Aug 69**

Effect of excess L-thyroxine on the hypothalamus of thyroidectomized rat. Talanti S. **Ann Med Exp Biol Fenn 46:132-6, 1968**

Studies on the endocytosis of proteins. Gans H, et al. **Brit J Surg 56:694, Sep 69**

Comparison of 131-I retention in the plasma of rabbits fed toxic quantities of cupric or molybdate ions as supplements to a commercial pelleted diet or to an oats-alfalfa laboratory diet. Pepino AM, et al. **Canad J Physiol Pharmacol 47:635-43, Jul 69**

Recent advances in the diagnosis of the diseases of the thyroid. Rall JE. **Clin Chim Acta 25:339-44, Aug 69 (16 ref.)**

Thyroid function investigation by means of I-131 in acne vulgaris and in seborrheic dermatitis. Andreassi L, et al. **Dermatologica (Basel) 139:69-75, 1969**

Thyroid function in chronic excess iodide ingestion: release of inorganic iodide from thyroid gland in response to chronic iodide administration. Nagataki S, et al. **Endocrinology 85:899-908, Nov 69**

Parameters of thyroid function in maternal and cord serum at term pregnancy. Robin NI, et al. **J Clin Endocr 29:1276-80, Sep 69**

Hereditary deafness in man. Konigsmark BW. **New Eng J Med 281:827-32 concl, 9 Oct 69 (38 ref.)**

[Thyroid gland function in women with repeated spontaneous abortions] Soumar J, et al. **Z Geburtsh Gynaek 170:242-51, 1969**

[Congenital hypothyroidism due to a type I hormonogenesis disorder. (3 cases in the same family and literature review)] Marie J, et al. **Ann Pediat (Paris) 16:424-36, Jun-Jul 69 (Fre)**

[Automated determination of hormonal iodine in the plasma: methodology, experimental study, clinical application] Jaffiol C, et al. **Rev Franc Endocr Clin 10:7-30, Jan-Feb 69 (Fre)**

[On histotopography of iodine metabolism in endemic

goiters and in healthy thyroid glands] Riccabona G, et al. Acta Endocr (Kobenhavn) 59:564-72, Dec 68 (Ger)
[Studies on the protein-bound iodine in the serum during normal pregnancy] Dokumov S, et al. Z Geburtsh Gynaek 170:222-30, 1969 (Ger)
[Levels of serum protein iodine in peripheral venous blood and in returning thyroid blood in a group of hyperthyroid patients] Tornaghi A, et al. Arch Ital Chir 94:764-72, 1968 (Ita)
[Serum protein bound iodine in the rabbit treated with chloralose] Fiorentini A. Boll Soc Ital Biol Sper 44:1283-5, 31 Aug 68 (Ita)
[Changes in thyroid function after administration of aminoglutethimide] Balli F, et al. Clin Pediat (Bologna) 50:866-72, Dec 68 (Ita)
[Progress in thyroid hormone determination] Nagataki S. Naika 24:73-9, Jul 69 (19 ref.) (Jap)
[Protein-bound iodine in the blood serum and the role of stressors in the development of postoperative thyreotoxic reactions] Makar DA, et al. Klin Khir (Kiev) 2:46-9, Feb 67 (Rus)

DIAGNOSTIC USE

[On the evaluation of results of iodine test liver cirrhosis] Zherebtsov LA. Lab Delo 8:502-3, 1968 (Rus)
[Diagnostic significance of iodine test in liver diseases] Nebera MG, et al. Vrach Delo 2:127-8, Feb 67 (Rus)

METABOLISM

Propranolol and the utilization of radioiodine by the human thyroid gland. Hadden DR, et al. Acta Endocr (Kobenhavn) 61:393-9, Jul 69
Mechanism of goitorogenesis by very low doses of propylthiouracil and the role of iodine intake. Herrera E, et al. Acta Endocr (Kobenhavn) 59:529-44, Dec 68
Studies on the antithyroid activity of naturally occurring L-5-vinyl-2-thiooxazolidone and its urinary metabolite in rats. Langer P, et al. Acta Endocr (Kobenhavn) 62:21-30, Sep 69
The influence of iodine in thyroid iodine accumulation and turnover in euthyroid Australian subjects. Myhill J, et al. Acta Endocr (Kobenhavn) 62:1-10, Sep 69
Lithium and thyroid function. Reply. Fieve RR, et al. Amer J Psychiat 125:1133, Feb 69
In vitro resin sponge uptake test of T3 and T4 in animals and man. Quinlan WJ Jr, et al. Amer J Vet Res 30:1471-3, Aug 69
The passage of radioiodinated protein hormones across isolated mesentery. Brachet E, et al. Arch Int Physiol 77:362-5, May 69
Biosynthesis of thyroglobulin. Incorporation of [1-14C] galactose, [1-14C] manose and [4,5-3H2] leucine into soluble proteins by rat thyroids in vitro. Herscovics A. Biochem J 112:709-19, May 69
Effect of actinomycin D on the uptake of radioiodine by thyroidal and extrathyroidal tissues. I. Shah DH, et al. Biochem Pharmacol 18:1487-93, Jun 69
The role of sex and iodine deficiency in the growth and function of the rat thyroid transplantable tumor. Matovinovic J, et al. Cancer Res 29:1398-406, Jul 69
Enzymatic hydrolysis of 125I-labeled parathyroid hormone. Fujita T, et al. Endocr Jap 16:383-9, Jun 69
Maintenance of thyroid activity with some steroids in hypophysectomized and gonadectomized catfish, Mystus vittatus (Bloch). Singh TP. Experientia 25:431, 15 Apr 69
Defective deiodinase activity and abnormal thyroidal iodoproteins. Thomson JA, et al. J Clin Endocr 29:1259-60, Sep 69
Measurement of reticuloendothelial system phagocytosis and catabolism: a new method. Cohen MH, et al. J Reticuloendothel Soc 6:333-43, Aug 69
Effects of cortisone on thyroidal iodine uptake in hypophysectomized, nephrectomized rats. McHugh WB, et al. Proc Soc Exp Biol Med 131:1417-9, Sep 69
Biochemistry of mental disorders. Report of a WHO Scientific Group. WHO Techn Rep Ser 427:1-40, 1969
Familial goiter with dimished synthesis of thyroglobulin. Riddick FA Jr, et al. Z Ges Exp Med 150:203-12, 1969
Iodine metabolism of the endostyle of larval lampreys, Ammocoetes of Lampetra japonica. Electron microscopic autoradiography of 125-I. Fujita H, et al. Z Zellforsch 98:525-37, 1969
[Iodination of proteins in the human thyroid gland. (Normal and pathologic)] Etling N, et al. Acta Endocr (Kobenhavn) 59:545-54, Dec 68 (Fre)
[Research on the benzofuran series. XXXVII. Comparative study of transit and metabolism of amiodarone in different species of animals and humans] Broekhuysen J, et al. Arch Int Pharmacodyn 177:340-59, Feb 69 (Fre)
[Seasonal variations of basal metabolism and thyroid in Microtus] Rigaudière N. Arch Sci Physiol (Paris) 23:215-42, 1969 (Fre)
[Influence of hydrocortisone on mouse perinatal and fetal thyroids cultivated in vitro] Colle-Vandeveldе A. C R Acad Sci [D] (Paris) 268:3187-8, 30 Jun 69 (Fre)
[Qualitative data on hormone synthesis of auto- and homplastic thyroid grafts implanted in the testis of thyroid-deficient guinea pigs] Fabre M, et al. C R Soc Biol (Paris) 163:197-200, 1969 (Fre)
[Study of the fixation and dehalogenation of tyrosyl-tyrosine tetraiodide labeled with iodine 125] Michelot J, et al. C R Soc Biol (Paris) 163:132-6, 1969 (Fre)
[Alimentary iodine and its metabolism. Contribution to the study of the principal alimentary sources of iodine and of human requirements of stable iodine] Gonçalves Ferreira FA. Cah Coll Med Hop Paris 8:571-82, 15 Jun 67 (Fre)
[Consequences of right cervical sympathectomy on thyroid and adrenals in castrated rats] Kraemer H, et al. J Physiol (Paris) 60:Suppl 2:478, 1968 (Fre)
[Late sporadic goiter in adults, with dehalogenase enzyme deficiency. Clinical, biochemical, isotope study] Jaffiol C, et al. Rev Franc Endocr Clin 10:67-71, Jan-Feb 69 (Fre)
[Comparative study of the thyroid uptake curves for radioactive iodine and labelled hormonal iodine during the triiodothyronine suppression test (Werner test). Apropos of 100 tests] Jaffiol C, et al. Rev Franc Endocr Clin 10:31-56, Jan-Feb 69 (Fre)
[On histotopography of iodine metabolism in endemic goiters and in healthy thyroid glands] Riccabona G, et al. Acta Endocr (Kobenhavn) 59:564-72, Dec 68 (Ger)
[Renal contrast medium excretion (ethyl-iodophenylester) following myelography in cerebrospinal fluid occlusion] Fischbach R, et al. Acta Neurochir (Wien) 19:261-8, 1968 (Ger)
[The thyroid gland and anesthesia] Simone M, et al. Acta Anaesth (Padova) 19:Suppl 4:145+, 1968 (124 ref.) (Ita)
[Studies on iodine metabolism. V. Goiter with a high renal clearance] Linazasoro JM, et al. Rev Clin Esp 107:323-5, 15 Dec 67 (Spa)

PHARMACODYNAMICS

Mechanism of goitorogenesis by very low doses of propylthiouracil and the role of iodine intake. Herrera E, et al. Acta Endocr (Kobenhavn) 59:529-44, Dec 68
Combined effects of diphenyliodonium chloride, pine oils, and mustard oil soaps on certain microorganisms. Ahmed Z, et al. Appl Microbiol 17:857-60, Jun 69
[A study of the effects of Joflon, chlorhexidine 0.5 percent in 70 percent ethanol and hexachlorophene soap 2 percent during prolonged operations] Dankert J, et al. Nederl T Geneesk 113:1422-30, 16 Aug 69 (Dut)
[Intravitreal drug administration in the experimental study of retinal physiopathology. 3. Effects of sodium iodate] Ponte F, et al. Ann Ottal 94:1037-48, Sep 68 (Ita)

PHYSIOLOGY

[Thyroid complications of under feeding in domestic ducks] Assenmacher I, et al. J Physiol (Paris) 60:Suppl 2:342-3, 1968 (Fre)

POISONING

[Clinical aspects of accidents caused by water-soluble iodinated contrast media and the question of medico-legal responsibility] Toniolo G. Minerva Radiol 13:482-9, Oct 68 (Ita)

THERAPEUTIC USE

Allergic bronchopulmonary aspergillosis--a North American Rarity. Clinical and immunologic characteristics. Slavin RG, et al. Amer J Med 47:306-13, Aug 69
Bronchial stump aspergillosis. Experimental and clinical study. Sawasaki H, et al. J Thorac Cardiovasc Surg 58:198-208, Aug 69
Neonatal thyrotoxicosis. Hopton DS, et al. Proc Roy Soc Med 62:817, Aug 69

[Therapy of thyrotoxicosis]
Helv Med Acta Suppl 48:63+, May 68 (Ger)
[Treatment of chronic recurrent erysipelas] Jank M, et al. Wien Med Wschr 119:177-9, 1 Mar 69 (Ger)
[Iodoform in endodontics] Alcorta PJ.
Prensa Med Argent 55:2036-9, 20 Dec 68 (Spa)
[Thyroid diseases] Wijnbladh H.
Svensk Tandlak T 62:27-32 contd, Jan 69 (Swe)
[Drug therapy in hypogalactia] Sapák K.
Bratisl Lek Listy 52:67-71, Jul 69 (Slo)

URINE

The influence of iodine in thyroid iodine accumulation and turnover in euthyroid Australian subjects. Myhill J, et al. Acta Endocr (Kobenhavn) 62:1-10, Sep 69
Qualitative and quantitative aspects of thyroxine metabolism in sheep. Irvine CH.
Endocrinology 85:662-73, Oct 69
[Thyroid complications of under feeding in domestic ducks] Assenmacher I, et al.
J Physiol (Paris) 60:Suppl 2:342-3, 1968 (Fre)
[Studies on iodine metabolism. V. Goiter with a high renal clearance] Linazasoro JM, et al.
Rev Clin Esp 107:323-5, 15 Dec 67 (Spa)

IODOPROTEINS

Distribution analysis of brain-localized radioantibodies after zonal ultracentrifugation in a sucrose density-gradient. Day ED, et al.
J Immun 103:556-8, Sep 69

ANALYSIS

Defective deiodinase activity and abnormal thyroidal iodoproteins. Thomson JA, et al.
J Clin Endocr 29:1259-60, Sep 69
[Study of thyroid hormone synthesis in a patient with congenital goiter] Peyrin JO, et al.
Rev Franc Etud Clin Biol 14:459-65, May 69 (Fre)
[Changes in thyroid function after administration of aminoglutethimide] Balli F, et al.
Clin Pediat (Bologna) 50:866-72, Dec 68 (Ita)

BIOSYNTHESIS

The subcellular distribution of 32P-labelled phospholipids, 32P-labelled ribonucleic acid and 125I-labelled odoprotein in pig thyroid slices. Effect in vitro of thyrotrophic hormone and dibutyryl-3',5'-(cyclic)-adeosine onophosphate. Kerkof PR, et al. Biochem J 112:729-39, May 69

BLOOD

The metabolism of radioactive L-5' isopropyl-3',3,5 triiodothyronine and its relation to thyroid hormone action. Gordon A, et al.
Acta Endocr (Kobenhavn) 60:352-68, Feb 69
Effect of large doses of radioiodine on thyroid function. IV. Iodoproteins in blood. Jovanović M, et al.
Acta Endocr (Kobenhavn) 60:287-93, Feb 69
Artifactual elevation of PBI from an iodinated dye used to stain medicinal capsules pink. Bora SS, et al.
J Clin Endocr 29:1269-71, Sep 69
[Remarks on the development of circulating thyroid hormone levels in gestating rats] Geloso JP, et al.
J Physiol (Paris) 60:Suppl 2:448-9, 1968 (Fre)

METABOLISM

Defective deiodinase activity and abnormal thyroidal iodoproteins. Thomson JA, et al.
J Clin Endocr 29:1259-60, Sep 69
[Seasonal variations of basal metabolism and thyroid in Microtus] Rigaudière N.
Arch Sci Physiol (Paris) 23:215-42, 1969 (Fre)

RADIATION EFFECTS

Effect of large doses of radioiodine on thyroid function. 3. The iodoproteins of the thyroid gland. Djurdjević D, et al. Acta Endocr (Kobenhavn) 60:281-6, Feb 69
Effect of large doses of radioiodine on thyroid function. IV. Iodoproteins in blood. Jovanović M, et al.
Acta Endocr (Kobenhavn) 60:287-93, Feb 69

LONG-ACTING THYROID STIMULATOR

Neuromuscular dysfunction associated with thyrotoxicosis. Ludin HP, et al.
Europ Neurol 2:269-78, 1969

ANALYSIS

The distribution of the long-acting thyroid stimulator among gamma G-immunoglobulins. Smith BR, et al.
Biochim Biophys Acta 188:89-100, 12 Aug 69
Can LATS be detected by immunofluorescence? Beall GN, et al. J Clin Endocr 29:1114-6, Aug 69
Humoral immunity and autoimmune disease. Roitt IM.
Vox Sang 16:341-4, Apr 69

BLOOD

Chromophobe pituitary adenoma with acromegaly and TSH-induced hyperthyroidism associated with parathyroid adenoma. Acromegaly and parathyroid adenoma. Lamberg BA, et al.
Acta Endocr (Kobenhavn) 60:157-72, Jan 69
The effect of triiodothyronine on cervical lymphoid structures, thyroid activity, IgG and IgM immunoglobulin level and exophthalmos in Graves' disease. Mahaux JE, et al.
Acta Endocr (Kobenhavn) 61:400-6, Jul 69
Mechanisms of Graves' disease and endocrine exophthalmos. Anderson DR.
Amer J Ophthal 68:46-57, Jul 69 (131 ref.)
Bilateral exophthalmic ophthalmoplegia. A case report. Scarlato G, et al. Europ Neurol 2:285-95, 1969
Neonatal thyrotoxicosis. Hopton DS, et al.
Proc Roy Soc Med 62:817, Aug 69
The pathogenesis of hyperthyroidism. McKenzie JM.
Triangle 9:2-8, 1969
[Absent biological demonstration of "long-acting thyroid stimulator" (LATS) in endemic euthyroid iodine deficiency goiters] Stelzer M, et al.
Munchen Med Wschr 111:1306-9, 6 Jun 69 (Ger)
[Immunologic problems in thyroid diseases] Höfer R, et al. Z Ges Inn Med 24:Suppl:91-6 c, 15 Mar 69 (Ger)

PHARMACODYNAMICS

Effects of thyrotropin on 35S-sulfate uptake by mouse Harderian gland. Singh SP, et al.
Endocrinology 85:952-5, Nov 69
The cell membrane: a common site of action of thyrotropin (TSH) and long-acting thyroid stimulator (LATS). Burke G. Metabolism 18:720-9, Aug 69
[Immunologic problems in thyroid diseases] Höfer R, et al. Z Ges Inn Med 24:Suppl:97-8 f, 1 Apr 69 (Ger)

SECRETION

Mechanisms of Graves' disease and endocrine exophthalmos. Anderson DR.
Amer J Ophthal 68:46-57, Jul 69 (131 ref.)

PROTEIN-BOUND IODINE TEST

Effect of experimentally induced thyroiditis on biosynthesis of thyroxine in rats. Gorman CA, et al.
Acta Endocr (Kobenhavn) 62:11-20, Sep 69
Propranolol and the utilization of radioiodine by the human thyroid gland. Hadden DR, et al.
Acta Endocr (Kobenhavn) 61:393-9, Jul 69
Free thyroxine in serum and its use in clinical diagnosis. Liewendahl K, et al.
Acta Endocr (Kobenhavn) 61:343-58, Jun 69
The effect of triiodothyronine on cervical lymphoid structures, thyroid activity, IgG and IgM immunoglobulin level and exophthalmos in Graves' disease. Mahaux JE, et al.
Acta Endocr (Kobenhavn) 61:400-6, Jul 69
The influence of iodine in thyroid iodine accumulation and turnover in euthyroid Australian subjects. Myhill J, et al. Acta Endocr (Kobenhavn) 62:1-10, Sep 69
Familial elevation of serum thyroxine-binding globulin capacity. Siersbaek-Nielsen K, et al.
Acta Endocr (Kobenhavn) 60:130-6, Jan 69
Protein-bound iodine during antithyroid treatment. Christensen LK, et al.
Acta Med Scand 185:483-7, Jun 69
Acute porphyria in a hyperthyroid patient. Lamberg BA, et al. Acta Med Scand 185:415-20, May 69

Ventricular fibrillation in the Wolff-Parkinson-White syndrome. Kaplan MA, et al.
Amer J Cardiol 24:259-64, Aug 69
Enhancement of imipramine antidepressant activity by thyroid hormone. Prange AJ Jr, et al.
Amer J Psychiat 126:457-69, Oct 69
Simplification of determination of serum thyroxine iodine by competitive binding analysis. Nusynowitz ML, et al. Amer J Roentgen 106:791-3, Aug 69
Clinical alcohol hypoglycemia and isolated adrenocorticotrophic hormone deficiency. Steer P, et al. Ann Intern Med 71:343-8, Aug 69
Protein turnover studies in heavy proteinuria.
Freeman T. Brit J Urol Suppl:109-14, Aug 69
Plasma glycerol and glycerol turnover during treatment of hyperthyroidism. Tibbling G, et al.
Clin Chim Acta 25:189-98, Aug 69
Recovery of thyroid hormone biosynthesis after a single injection of methylthiouracil as judged by thyroidal radioiodine uptake, thyroidal protein-bound iodine, thyroidal radioiodinated amino acids and thyroglobulin in the rat. Sugita Y, et al.
Endocr Jap 16:21-8, Feb 69
The use of antithyroid drugs in a single daily dose. Treatment of diffuse toxic goiter. Kammer H, et al.
JAMA 209:1325-7, 1 Sep 69
Psychotic states resulting from disorders of thyroid function. Clower CG, et al.
Johns Hopkins Med J 124:305-10, Jun 69
Effects of testosterone and of tri-iodothyronine on the levels of mitochondrial DNA and RNA from rat liver. De Leo T, et al. Life Sci 8:747-55, 15 Jul 69
Pituitary enlargement with longstanding myxoedema. Patel YC, et al. New Zeal Med J 70:21-3, Jul 69
[Thyroid gland function in women with repeated spontaneous aborions] Soumar J, et al.
Z Geburtsh Gynaek 170:242-51, 1969
Familial goiter with dimished synthesis of thyroglobulin. Riddick FA Jr, et al.
Z Ges Exp Med 150:203-12, 1969
[Congenital hypothyroidism due to a type I hormonogenesis disorder. (3 cases in the same family and literature review)] Marie J, et al.
Ann Pediat (Paris) 16:424-36, Jun-Jul 69 (Fre)
[Research on the benzofuran series. XXXVII. Comparative study of transit and metabolism of amiodarone in different species of animals and humans] Broekhuysen J, et al.
Arch Int Pharmacodyn 177:340-59, Feb 69 (Fre)
[Effects of D-thyroxine on PB127I in the serum. (Studies in hyper- and hypothyroidism)] Krüskemper HL, et al.
Acta Endocr (Kobenhavn) 61:359-68, Jun 69 (Ger)
[Continued clinical studies on the question of toxicity of prolonged administrations of cyclamate in the patients with liver and kidney diseases] Zöllner N, et al. Arzneimittelforschung 19:913-20, Jun 69 (Ger)
[Long term treatment with cyclofenil (Sexovid)] Roth F, et al. Gynaecologia (Basel) 167:462-6, 1969 (Ger)
[Hydroxyproline determination in the urine for diagnosis of thyroid function] Langness U, et al.
Med Klin 64:1111-4, 13 Jun 69 (Ger)
[Studies on the protein-bound iodine in the serum during normal pregnancy] Dokumov S, et al.
Z Geburtsh Gynaek 170:222-30, 1969 (Ger)
[Thyroid gland function in diabetes] Schieche M, et al.
Z Ges Inn Med 24:307-8, 15 May 69 (Ger)
[Levels of serum protein iodine in peripheral venous blood and in returning thyroid blood in a group of hyperthyroid patients] Tornaghi A, et al.
Arch Ital Chir 94:764-72, 1968 (Ita)
[Serum protein bound iodine in the rabbit treated with chloralose] Fiorentini A.
Boll Soc Ital Biol Sper 44:1283-5, 31 Aug 68 (Ita)
[2 cases of Cornelia de Lange syndrome] Kondo K, et al.
Acta Paediat Jap 73:144-51, 1 Feb 69 (Jap)
[Studies on Tetrasorb-125] Heki N, et al.
Clin Endocr (Tokyo) 17:441-7, May 69 (Jap)
[Advances and problems in thyroid hormone measurement] Nagataki S.
Clin Endocr (Tokyo) 17:342-8, Apr 69 (41 ref.) (Jap)
[Hashimoto's disease] Suzuki H.
Clin Endocr (Tokyo) 17:457-61, May 69 (24 ref.) (Jap)
[Analytical studies on the relationship between thyroid function tests by means of the "theory of quantification," with proposal of the formulae for estimation of protein-bound iodine and basal metabolic rate] Sekiya M.
Folia Endocr Jap 45:45-64, 20 Apr 69 (Jap)
[Studies on the regulation of thyroid hormone secretion, with special emphasis on the effect of acute reduction of thyroid hormones in the blood] Suematsu H.
Folia Endocr Jap 45:29-44, 20 Apr 69 (Jap)
[Thyroid function test with the TBI-kit] Kinoshita F, et al. Rinsho Hosha 14:323-8, Apr 69 (Jap)
[Response of TSH liberation to decrease in the thyroid hormone level in the blood] Suematsu H, et al.
Saishin Igaku 24:972-5, May 69 (Jap)
[Serial studies of thyroid function. The value of photomotography] Gjessing LR, et al.
T Norsk Laegeforen 89:1021-3, 15 Jun 69 (Nor)
[On the problem of complex study of functional condition of thyroid gland] Kasatkin IuN, et al.
Lab Delo 10:593-5, 1968 (Rus)
[On the significance of the iodine test in the diagnosis of the active phase of rheumatism] Liepin' GP, et al.
Lab Delo 8:467-9, 1968 (Rus)
[A method of determination of thyrotropic hormone in blood] Potin VV, et al. Lab Delo 11:663-6, 1968 (Rus)
[Functional state of the thyroid gland in hypogonadism] Alekseev LG.
Probl Endokr (Moskva) 14:33-6, May-Jun 68 (Rus)
[Dynamics of protein-bound iodine and iodine extracted with butanol in diffuse toxic goiter patients treated with radioactive iodine (I-131) after preliminary treatment with mercazolyl and reserpine] Anestiadi ZG.
Probl Endokr (Moskva) 15:6-10, Jan-Feb 69 (Rus)
[The effect of preoperative preparation and strumectomy on the blood hormonal iodine level in patients with toxic and euthyroid goiter] Ionin ML.
Probl Endokr (Moskva) 13:22-6, May-Jun 67 (Rus)
[The role of paraventricular nuclei of the anterior hypothalamus of rats in the regulation of thyroid hormone secretion] Samsonova VM.
Probl Endokr (Moskva) 15:76-9, May-Jun 69 (Rus)
[Immunopathological changes in euthyroid goiter] Sidorov KA.
Probl Endokr (Moskva) 14:41-4, May-Jun 68 (Rus)
[The effect of male sex hormones on the thyroid gland function in hypogonadism and Kleinfelter's syndrome] Starkova NT, et al.
Probl Endokr (Moskva) 14:23-9, Jul-Aug 68 (Rus)
[Protin-bound iodine and the content of thyroid hormones i the blod o patients with autoimmune thyroiditis] Stepanov GS, et al.
Probl Endokr (Moskva) 15:3-6, Jan-Feb 69 (Rus)

THYROXINE-BINDING PROTEIN

The influence of triiodothyronine (T3) treatment on the resin uptake of 131I-triiodothyronine. Dussault J, et al. Acta Endocr (Kobenhavn) 61:441-8, Jul 69
Influence of chlorophenoxyisobutyrate (CPIB) on thyroid parameters. Hansen JM.
Acta Endocr (Kobenhavn) 60:294-302, Feb 69
Familial elevation of serum thyroxine-binding globulin capacity. Siersbaek-Nielsen K, et al.
Acta Endocr (Kobenhavn) 60:130-6, Jan 69
Simplification of determination of serum thyroxine iodine by competitive binding analysis. Nusynowitz ML, et al. Amer J Roentgen 106:791-3, Aug 69
Parameters of thyroid function in maternal and cord serum at term pregnancy. Robin NI, et al.
J Clin Endocr 29:1276-80, Sep 69
Influence of heparin on serum free thyroxine. Schatz DL, et al. J Clin Endocr 29:1015-22, Aug 69
The genetics of thyroid disease. Fraser GR.
Progr Med Genet 6:89-115, 1969 (113 ref.)
[Secondary subacute thyroiditis] Szántó L.
Z Ges Inn Med 24:Suppl:103-5, 1 Apr 69 (Ger)
[Advances and problems in thyroid hormone measurement] Nagataki S.
Clin Endocr (Tokyo) 17:342-8, Apr 69 (41 ref.) (Jap)
[Thyroid function test with the TBI-kit] Kinoshita F, et al. Rinsho Hosha 14:323-8, Apr 69 (Jap)

ANALYSIS

Comparison of thyroxine-binding plasma proteins of various vertebrates and their evolutionary aspects. Tanabe Y, et al. Gen Comp Endocr 13:14-21, Aug 69
Estimation of thyroxine binding protein capacities using a non-electrophoretic technique. Keane PM, et al. J Clin Endocr 29:1126-30, Aug 69

BLOOD

Induction of myxedema by iodide in patients euthyroid

after radioiodin or surgical treatment of diffuse toxic goiter. Braverman LE, et al.
New Eng J Med 281:816-21, 9 Oct 69

[Progress in thyroid hormone determination] Nagataki S. **Naika** 24:73-9, Jul 69 (19 ref.) **(Jap)**

[Dynamics of protein-bound iodine and iodine extracted with butanol in diffuse toxic goiter patients treated with radioactive iodine (I-131) after preliminary treatment with mercazolyl and reserpine] Anestiadi ZG.
Probl Endokr (Moskva) 15:6-10, Jan-Feb 69 (Rus)

[Protin-bound iodine and the content of thyroid hormones i the blod o patients with autoimmune thyroiditis] Stepanov GS, et al.
Probl Endokr (Moskva) 15:3-6, Jan-Feb 69 (Rus)

METABOLISM

Protein-bound iodine during antithyroid treatment. Christensen LK, et al.
Acta Med Scand 185:483-7, Jun 69

[Nipiopharmacology of thyroid hormones, thyreotrope hormone, hormones of the neuro-hypophisis and serotonin] Cao A.
Minerva Nipiol 17:238-94, Nov-Dec 67 (999 ref.) (Ita)

ADRENAL

I. Physical and Functional Aspects

ADRENAL GLANDS

The interaction of metopirone with adrenal mitochondrial cytochrome P-450. A mechanism for the inhibition of adrenal steroid 11 beta-hydroxylation. Williamson DG, et al. **Biochemistry (Wash)** 8:1306-11, Apr 69

Effects of adrenal mitochondrial lipid on the reduced nicotinamide-adenine dinucleotide phosphate supported 11 beta-hydroxylation of deoxycorticosterone. Interaction of phospholipid with cytochrome P-450. Williamson DG, et al. **Biochemistry (Wash)** 8:1289-300, Apr 69

Effects of hypothalamic and amygdaloid lesions on development and growth of carcinogen-induced mammary tumors in the female rat. Welsch CW, et al. **Cancer Res** 29:1541-9, Aug 69

ACTH secretion from the pituitary transplanted in apposition with the adrenal cortex under the renal capsule. Ishikawa H, et al. **Endocr Jap** 16:331-49, Jun 69

Identification of the thyrotrophs with the gonadotrophs in the anterior pituitaries of thyroidectomized rats. Yoshimura F, et al. **Endocr Jap** 16:69-85, Feb 69

Zinc deficiency in the maternal rat during gestation, and zinc, iron, copper, and calcium content and enzyme activity in maternal and fetal tissues. Cox DH, et al. **J Nutr** 98:449-58, Aug 69

[On the value of percutaneous treatment with Mobilat in blunt soft tissue injuries and distorsions] Happ E, et al. **Med Mschr** 23:324-6, Jul 69 (Ger)

[Light and electron microscopic studies on preserved canine adrenal glands using retrograde perfusion] Lie TS, et al. **Z Ges Exp Med** 150:302-15, 1969 (Ger)

[Advances and problems of ACTH measurement] Idemura H, et al. **Clin Endocr (Tokyo)** 17:245-52, Apr 69 (53 ref.) (Jap)

[On the pathophysiology and therapy of postoperative hyperthermic syndrome in children] Pekarskiĭ DE. **Klin Khir (Kiev)** 2:49-52, Feb 67 (Rus)

[Peculiarities of development of the exudative phase of aseptic inflammation in adrenalectomized animals] Oĭvin IA, et al. **Pat Fiziol Eksp Ter** 11:16-21, Mar-Apr 67 (Rus)

[The method of staining of adrenal glands ith Shif chorciron] Zak KP, et al. **Probl Endokr (Moskva)** 15:66-70, Jan-Feb 69 (Rus)

[The activity of tryptophan pyrrolase in rat liver in health and in stress] Golotin VG, et al. **Vop Med Khim** 15:16-21, Jan-Feb 69 (Rus)

ABNORMALITIES

Heterotopic renal tissue in the human adrenal gland. Milliser RV, et al. **J Urol** 102:280-4, Sep 69

ANALYSIS

Nuclear shape variations in the fascicular zone of the rat adrenal gland. I. Effect of corticotrophin. Ahrén C, et al. **Acta Endocr (Kobenhavn)** 59:652-9, Dec 68

The effect of ascorbic acid on adrenal activity during vitamin A and riboflavin deficiencies in chicks. (Adrenal activity in vitamin deficiency). Perek M, et al. **Acta Endocr (Kobenhavn)** 61:203-8, Jun 69

Effect of a single neonatal dose of ACTH, TSH, STH, thyroxine and aldosterone on serum heparin and tissue mucopolysaccharides. Vallent K, et al. **Acta Morph Acad Sci Hung** 17:35-9, 1969

Demonstration of pathogenic fungi in formalin-fixed tissues by immunofluorescence. Kaplan W, et al. **Amer J Clin Path** 52:420-32, Oct 69

Influence of ions and some other factors on the release of adrenaline by chlorpromazine from perfused bovine adrenal glands. Vapaatalo HI. **Ann Med Exp Biol Fenn** 46:217-25, 1968

Body burden of pesticides in man. Durham WF. **Ann NY Acad Sci** 160:183-95, 1969 (53 ref.)

Effects of organochlorine insecti-c cides on body defense systems. Wassermann M, et al. **Ann NY Acad Sci** 160:393-401, 1969

Effect of alpha-methyl-5-hydroxytryptophan ethyl ester upon tissue norepinephrine levels in rats and mice. Johnson GA, et al. **Biochem Pharmacol** 18:1593-600, Jul 69

Fate of exogenous marinobufagin-3H in Bufo marinus. Osuch MV, et al. **Biochem Pharmacol** 18:1803-8, Aug 69

Effect of cold exposure on amino acid transport and incorporation into rat anterior pituitary in vitro. Matsuzaki S, et al. **Endocr Jap** 16:403-7, Jun 69

Histological changes of the contralateral adrenal cortex in acute and subacute phases of unilateral adrenalectomy in rats, with special reference to the mode of compensatory hypertrophy. Omoto T. **Endocr Jap** 16:315-29, Jun 69

Enzymatic assay for 3,4-dihydroxymandelic acid (DOMA) in human urine, plasma, and tissues. Sato T, et al. **J Lab Clin Med** 74:672-81, Oct 69

Excess dietary zinc for the maternal rat, and zinc, iron, copper, calcium, and magnesium content and enzyme activity in maternal and fetal tissues. Cox DH, et al. **J Nutr** 98:459-66, Aug 69

Response of neurogenic amines to aggregation and strangers. Bliss EL, et al. **J Pharmacol Exp Ther** 168:258-63, Aug 69

Some aspects of the pharmacology of valyl-beta-(pyrazolyl-3)-L-alanyl6-angiotensin II. Hageman WE, et al. **J Pharmacol Exp Ther** 168:295-302, Aug 69

Endocrines in cholera. Effects of cholera on the human hypothalamus-hypophysis-adrenal apparatus. Choudhury RP. **J Trop Med Hyg** 72:179-84, Aug 69

Mechanism of secretion from the adrenal medulla. V. Retention of storage vesicle membranes following release of adrenaline. Viveros OH, et al. **Molec Pharmacol** 5:342-9, Jul 69

Pituitary-adrenal activation following intrahypothalamic microinjection of morphine. Lotti VJ, et al. **Neuroendocrinology** 4:326-32, 1969

Secretion from the isolated bovine adrenal medulla. Schneider FH. **Proc West Pharmacol Soc** 12:107-9, 1969

Effect of glutethimide and aminoglutethimide on the pituitary-adrenal system. Schofield S, et al. **Proc West Pharmacol Soc** 12:109-11, 1969

Influence of toxic doses of ouabain on catecholamine levels in dogs. Treece G, et al. **Proc West Pharmacol Soc** 12:113-4, 1969

Fluorometric assay of corticosterone after purification by bidimensional thin-layer chromatography in birds. Bouillé C, et al. **Steroids** 14:7-20, Jul 69

Unusual pathways of aldosterone biosynthesis in the rabbit adrenal. Fazekas AG, et al. **Steroids** 14:161-77, Aug 69

Metabolism of neutral steroids in the human fetus. I. Distribution of radioactive material in the previable human fetus after administration of progesterone-4-14C. Maeyama M, et al. **Steroids** 14:144-50, Aug 69

The presence of the adult-type pattern of adrenal

steroids in the one day old rat. Philpott JE, et al. Steroids 14:21-31, Jul 69

Development of hypertension in rats treated with aldosterone acetate. Fregly MJ, et al. Toxic Appl Pharmacol 15:229-43, Jul 69

Effects of adrenalectomy on the changes in cholesterol levels in rats induced by Walterinnesia venom. Zaki OA, et al. Toxicon 6:255-61, May 69

[Studies with 14C-labelled noxiptilin. Metabolism and kinetics] Duhm B, et al. Arzneimittelforschung 19:Suppl 5a:858+, Jun 69 (Ger)

[Studies on the fate of the antidepressant amitriptyline in the organism of the rat and man] Eschenhof E, et al. Arzneimittelforschung 19:957-66, Jun 69 (Ger)

[Experimental animal studies of sulfonylureas on adrenal medulla and adrenal cortex] Noetzel G, et al. Arzneimittelforschung 19:1171-7, Aug 69 (Ger)

[On the incorporation of thiamine (thiazole-2-C14) and 4-methyl-5-(2-chloroethyl)thiazole-2-C14 into the organs of normal and thiamine deficient rats] Gabriel-Jürgens P, et al. Int Z Vitaminforsch 38:482-96, 1968 (Ger)

[Isolation and determination of corticosteroids from total adrenal lipid extracts] Cavina G, et al. Ann Ist Sup Sanit 4:53-64, 1968 (Ita)

[Determination of the aldosterone content in cortical extracts for therapeutic use by thin layer chromatography] Cavina G, et al. Ann Ist Sup Sanit 4:101-2, 1968 (Ita)

[Analysis of fatty acids composition in rabbit's adrenal lipid by direct coupling of mass-spectrometer and gas chromatograph] Masada Y, et al. J Pharm Soc Jap 89:579-82, Apr 69 (Jap)

[Quantitative evaluation of lipid and ketosteroid levels in the adrenal cortex using the POOS-1 apparatus] Zaĭtseva KK, et al. Arkh Pat 30:71-5, 1968 (Rus)

[The effect of removing the adrenals from pregnant rats on the functional state of the hypophyseo-adrenal system of their progeny during the first days of postnatal life] Kandror MI. Biull Eksp Biol Med 67:37-40, Mar 69 (Rus)

[Determination of adrenaline and noradrenaline in adrenal gland tissue] Shaliapina VG. Lab Delo 4:249, 1969 (Rus)

+[On the method of separative determination of total, reduced and dehydroascorbic acid] Shpakov AE. Lab Delo 5:305-6, 1967 (Rus)

[Activity and metabolism of catecholamines in hyperthyroidism (review of the literature)] Geller LI. Probl Endokr (Moskva) 15:108-11, Mar-Apr 69 (115 ref.) (Rus)

[The effect of ACTH on cholesterol metabolism and blood proteins] Iakubovskaia VI, et al. Probl Endokr (Moskva) 14:64-8, May-Jun 68 (Rus)

[Distribution of labeled thyroxine in some endocrine glands of rats] Kolli EA, et al. Probl Endokr (Moskva) 14:90-3, May-Jun 68 (Rus)

[Contents of cholesterol and its esters in the adrenal glands of human fetuses] Kuznetsova LV. Probl Endokr (Moskva) 14:69-73, May-Jun 68 (Rus)

[Concentration of 17-oxycorticosteroids in the blood plasma and ascorbic acid content in adrenal glands of guinea pigs following manganese tetrachloride administration] Maksimov SV, et al. Probl Endokr (Moskva) 14:59-64, May-Jun 68 (Rus)

[One of the possible mechanisms of the blood ACTH content rise in traumatic shock] Mazurkevich GS. Probl Endokr (Moskva) 14:73-8, May-Jun 68 (Rus)

[REACTION OF THE HYPOPHYSIS (ACTH) f rtftse o the changes of blood estrogen level] Skebel'skaia IuB. Probl Endokr (Moskva) 15:45-9, Jan-Feb 69 (Rus)

ANATOMY & HISTOLOGY

Effect of vitamin A on enzymic conversion of the delta-5-3-beta-hydroxy- into delta-4-3-oxosteroids by adrenals of the rat. Grangaud R, et al. Amer J Clin Nutr 22:991-1002, Aug 69

Dissociation of reproductive physiology and behavior induced by neonatal treatment with steroids. Thomas TR, et al. Endocrinology 85:781-4, Oct 69

Congenital lipoid hyperplasia of the fetal adrenal gland. Moragas A, et al. Helv Paediat Acta 24:226-38, Apr 69

Metabolism of dehydroepiandrosterone by the separated zones of the human foetal and newborn adrenal cortex. Shirley IM, et al. J Endocr 44:411-9, Jul 69

Endocrines in cholera. Effects of cholera on the human hypothalamus-hypophysis-adrenal apparatus. Choudhury RP. J Trop Med Hyg 72:179-84, Aug 69

[Consequences of the baldness mutation on some aspects of rat behavior] Aschkenasy-Lelu P, et al. Arch Sci Physiol (Paris) 23:269-89, 1969 (Fre)

[Simultaneous presence of 2 distinct soudanophil formations in the X adrenal zone of post-partum mice having recieved 3:5:3' triiodothyronine] Chirvan-Nia P. C R Acad Sci [D] (Paris) 268:3103-6, 23 Jun 69 (Fre)

[Arterial pressure and blood flow in dog adrenals] Barac G. C R Soc Biol (Paris) 162:2044-9, May 69 (Fre)

[Regeneration of the adrenal cortex after neonatal autograft] Brudieux R. C R Soc Biol (Paris) 163:125-9, 1969 (Fre)

[Neural influence of the hypothalamus on the function of the adrenal cortex] Smollich A, et al. J Neurovisc Relat 31:128-35, 1969 (Ger)

[Histometric studies of the adrenal glands in rats. The effect of ACTH administration, formalin stress, hypophysectomy and cortisone treatment on the adrenal gland zones] Kovács K, et al. Z Mikr Anat Forsch 79:413-33, 1968 (Ger)

[ACTH and pituitary-adrenal system] Afinogenova SA. Probl Endokr (Moskva) 15:79-84, May-Jun 69 (Rus)

[The effect of the adrenal cortex hormones on adrenalin synthesis in the adrenal glands of chick embryos and chicks] Stabrovskiĭ EM. Probl Endokr (Moskva) 15:89-93, May-Jun 69 (Rus)

BLOOD SUPPLY

An autopsy case of primary osteomyelosclerosis in a 6-year-old girl. Nagai K, et al. Acta Path Jap 19:81-93, Feb 69

Rapid flow of blood through pituitary autografts in the rat. Goldman H, et al. Amer J Physiol 217:567-9, Aug 69

Dynamic testing and modeling of adrenocortical secretory function. Urquhart J, et al. Ann NY Acad Sci 156:756-78, 21 Apr 69

The fate of intracerebral adrenal grafts in the dog. Dixit SP, et al. Arch Surg (Chicago) 99:352-5, Sep 69

The effect of haemorrhage on adrenocortical perfusion and function. Egdahl RH, et al. Brit J Surg 56:703, Sep 69

Fetal secretion of glucocorticoids. Jackson BT, et al. Endocrinology 85:875-80, Nov 69

Steroid secretion in vivo in rats bred for high and low juxtaglomerular granularity. Rapp JP. Endocrinology 85:909-15, Nov 69

The use of liquid photographic emulsion for demonstrating blood vessels in histological sections. Olson IA, et al. J Micr 89:345-8, 1969

Adrenal catecholamine and cortisol secretion during extracorporeal circulation in dogs. Alexander RW, et al. J Thorac Cardiovasc Surg 58:250-8, Aug 69

Infection and the spleen: association between hyposplenism, pneumococcal sepsis and disseminated intravascular coagulation. Whitaker AN. Med J Aust 1:1213-9, 14 Jun 69 (49 ref.)

Adrenal response to hypophysectomy in the newborn dog. Kinsella RA Jr, et al. Proc Soc Exp Biol Med 131:1389-92, Sep 69

Adrenal microcirculation in hemorrhagic shock. Mack E, et al. Surg Gynec Obstet 129:511-8, Sep 69

[Arterial pressure and blood flow in dog adrenals] Barac G. C R Soc Biol (Paris) 162:2044-9, May 69 (Fre)

[Dopamine, a new product of adrenal secretion] Hempel K, et al. Naunyn Schmiedeberg Arch Pharm 263:222, 1969 (Ger)

[Determination of corticosterone in blood outflowing from the adrenal glands by means of thin-layer chromatography] Golikov PP. Lab Delo 8:467-9, 1967 (Rus)

[Corticosteroids and concomitant compounds isolated from the peripheral blood and the blood of adrenal veins of Macacus rhesus] Goncharov NP. Probl Endokr (Moskva) 15:58-62, Jan-Feb 69 (Rus)

CYTOLOGY

Nuclear shape variations in the fascicular zone of the rat adrenal gland. I. Effect of corticotrophin. Ahrén C, et al. Acta Endocr (Kobenhavn) 59:852-9, Dec 68

The occurrence of tubular intramitochondrial inclusions in the post-mortem zona fasciculata of the rat adrenal. Dietert SE. Anat Rec 165:41-54, Sep 69

Studies on adrenal cortical cytochrome P-450. II. Effects of inhibitors of 11 beta hydroxylation on its optical and magnetic properties. Wilson LD, et al. Biochemistry (Wash) 8:2975-81, Jul 69

The side-chain cleavage of cholesterol and cholesterol

sulfate by enzymes from bovine adrenocortical mitochondria. Young DG, et al.
Biochemistry (Wash) 8:2987-97, Jul 69

Further studies on corticosteroidogenesis. VI. Pyruvate and malate supported steroid 11-beta-hydroxylation in rat adrenal gland mitochondria. Péron FG, et al.
Biochim Biophys Acta 180:445-58, 5 Aug 69

Electrom microscopic study of the anencephalic adenohypophysis with reference to the adrenocorticotrophs and their correlation with the functional differentiation of the hypothalamus during the foetal life. Hatakeyama S.
Endocr Jap 16:187-203, Feb 69

Studies on regenerating adrenal cortex. 2. Autoradiographic and electron microscopic observations. Seki M, et al.
Endocr Jap 16:361-77, Jun 69

Guinea pig adrenal 3-beta-hydroxysteroid dehydrogenase: is there more than one enzyme? Handler RP, et al. J Clin Endocr 29:1117-9, Aug 69

An electrophysiological study of the rat adrenal gland in vivo. Fawcett PR. J Neurol Sci 8:381-3, Mar-Apr 69

Treatment of Cushing's disease. Correction of hypercortisolism by o,p'DDD without induction of aldosterone deficiency. Temple TE Jr, et al.
New Eng J Med 281:801-5, 9 Oct 69

On the mechanism of action of adrenocorticotropic hormone: the binding of cyclic-3',5'-adenosine monophosphate to an adrenal cortical protein. Gill GN, et al. Proc Nat Acad Sci USA 63:512-9, Jun 69

The effects of metopirone and aldactone on the pars distalis of the pituitary, the interrenal tissue and the interstitial tissue of the testis in the common frog, Rana temporaria. Kemenade JA van.
Z Zellforsch 96:466-77, 1969

[Effects of hypophysectomy on the fine structure of the interrenal cells of the Urodele Triturus cristatus] Berchtold JP.
C R Acad Sci [D] (Paris) 268:2262-4, 5 May 69 (Fre)

[Cytologic modifications of the pituitary and interrenal gland of the green frog, Rana esculenta L., after unilaternal adrenalectomy] Dupont W, et al.
C R Soc Biol (Paris) 163:34-7, 1969 (Fre)

[Effects of unilateral adrenalectomy on pituitary and adrenal gland cytology in Rana esculenta L] Dupont W, et al. J Physiol (Paris) 60:Suppl 2:435, 1968 (Fre)

[Contribution to the study of Stilling cells in Rana esculenta L] Gaudray A, et al.
J Physiol (Paris) 60:Suppl 2:447, 1968 (Fre)

[Neural influence of the hypothalamus on the function of the adrenal cortex] Smollich A, et al.
J Neurovisc Relat 31:128-35, 1969 (Ger)

[On the innervation of the endocrine glands. Contribution on modern morphology and comparative anatomy] Vollrath L.
Munchen Med Wschr 111:1464-8, 4 Jul 69 (Ger)

[Light and electron microscopic studies on preserved canine adrenal glands using retrograde perfusion] Lie TS, et al. Z Ges Exp Med 150:302-15, 1969 (Ger)

[Histological study of the morphokinesis of the adrenal cortex] Merkle U.
Z Mikr Anat Forsch 79:460-76, 1968 (Ger)

[Ultrastructural findings in the adrenal cortex cells after castration in rats] Sanfilippo S.
Chir Pat Sper 15:700-20, Oct-Dec 67 (Ita)

[The influence of estrogens upon the mitotic activity and DNA synthesis in the adrenal glands of the castrated mice] Jonek J, et al.
Ginek Pol 40:865-7, Aug 69 (Pol)

[Dirunal rhythm of mitosis in several organs of ten week old human fetuses] Abrin EN.
Biull Eksp Biol Med 67:100-2, Feb 69 (Rus)

[Histochemical study of the selective action of hydrocortisone and desoxycorticosterone acetate on the adrenal cortex zones] Kolpakov MG, et al.
Probl Endokr (Moskva) 13:60-4, May-Jun 67 (Rus)

DRUG EFFECTS

Nuclear shape variations in the fascicular zone of the rat adrenal gland. I. Effect of corticotrophin. Ahrén C, et al. Acta Endocr (Kobenhavn) 59:852-9, Dec 68

Overweight in offspring of cortisone-treated pregnant rats. Angervall L, et al.
Acta Endocr (Kobenhavn) 60:36-46, Jan 69

The effect of ascorbic acid on adrenal activity during vitamin A and riboflavin deficiencies in chicks. (Adrenal activity in vitamin deficiency). Perek M, et al. Acta Endocr (Kobenhavn) 61:203-8, Jun 69

Contraception by an injectable, long-acting oestrogen-progestogen agent. Plesner R.
Acta Endocr (Kobenhavn) 61:494-508, Jul 69

Effect of oestradiol benzoate on corpora lutea in rats bearing pituitary autografts. Stolzenberg SJ, et al.
Acta Endocr (Kobenhavn) 60:184-98, Feb 69

Divergent responses of arteriosclerotic and non-arteriosclerotic rats to a catabolic dose of cortisone. Wexler BC, et al.
Acta Endocr (Kobenhavn) 61:509-24, Jul 69

Corticosteroidogenic effect of long-acting beta 1-24corticotrophin (CIBA 42.915 BA). Asfeldt VH.
Acta Med Scand 184:379-82, Nov 68

Adrenocortical lesions following Polybrene administration in rats. Motlík K.
Acta Univ Carol [Med] (Praha) 15:381-96, 1969

Effect of vitamin A on enzymic conversion of the delta-5-3-beta-hydroxy- into delta-4-3-oxosteroids by adrenals of the rat. Grangaud R, et al.
Amer J Clin Nutr 22:991-1002, Aug 69

A clinical and metabolic study of masculinizing arrhenoblastoma. Sato T, et al.
Amer J Obstet Gynec 104:1124-30, 15 Aug 69

Effects of DDD and DDT on the production and metabolism of adrenocortical steroids in guinea pigs and dogs. Balazs T. Amer J Vet Res 30:1535-40, Sep 69

Effects of organochlorine insecti-c cides on body defense systems. Wassermann M, et al.
Ann NY Acad Sci 160:393-401, 1969

The effect of steroid hydroxylase inhibitors on the rate of reduction of adrenal mitochondrial cytochrome P-450. McIntosh EN, et al.
Biochem Biophys Res Commun 36:552-8, 15 Aug 69

The pathways of corticosteroid biosynthesis by homogenates of adrenal tissue from rabbits stimulated with adrenocorticotropin. Fevold HR.
Biochemistry (Wash) 8:3433-9, Aug 69

Effect of meperidine on adrenocortical function in man. Oyama T, et al.
Canad Anaesth Soc J 16:282-91, Jul 69

Temporal relationships of puromycin and ACTH effects on cultured hamster adrenal glands. Andrews RV. Comp Biochem Physiol 30:123-8, 1 Jul 69

Persistence of the steroidogenic effect of adenosin-3',5'-monophosphate in vitro: evidence for a third factor during the steroidogenic effect of ACTH. Farese RV, et al. Endocrinology 85:867-74, Nov 69

Similarities between effects of adenosine 3',5'-monophosphate and guanosine 3' 5'-monophosphate on liver and adrenal metabolism. Glinsmann WH, et al. Endocrinology 85:711-9, Oct 69

Response of rat adrenal tissue to ACTH in a flowing system. Saffran M, et al.
Endocrinology 85:652-6, Oct 69

The duration of action of the synthetic pentacosapeptide D-serine-1-norleucine-4-valinamide-25-beta-1-25-corticotrophin (DW-75) in man. Friedman M.
Experientia 25:416-9, 15 Apr 69

Effect of carbaryl on the neuroendocrine system of rats. Shtenberg AI, et al.
Food Cosmet Toxic 6:461-7, Dec 68

Gingival hyperplasia related to treatment with diphenylhydantoin (diphedan; DH). Rudas SL, et al.
Int Z Klin Pharmakol Ther Toxik 2:180-4, Apr 69

Guinea pig adrenal 3-beta-hydroxysteroid dehydrogenase: is there more than one enzyme? Handler RP, et al. J Clin Endocr 29:1117-9, Aug 69

The diagnosis of hypercortisolism. Biochemical criteria differentiating patients from lean and obese normal subjects and from females on oral contraceptives. Streeten DH, et al. J Clin Endocr 29:1191-211, Sep 69

Corticosteroids and adrenal function.
JAMA 209:1713, 15 Sep 69

Estrogen: direct effects on hypothalamus or pituitary in relation to pituitary weight changes. Lisk RD.
Neuroendocrinology 4:368-73, 1969

Treatment of Cushing's disease. Correction of hypercortisolism by o,p'DDD without induction of aldosterone deficiency. Temple TE Jr, et al.
New Eng J Med 281:801-5, 9 Oct 69

Medical treatment of Cushing's disease.
New Eng J Med 281:846-7, 9 Oct 69

Effect of aminoglutethymide on urinary excretion of corticotropin and adrenal hormones. Hartwig W, et al.
Pol Med J 8:529-39, 1969

Selective destruction of adrenal cortex by pulse doses of derivatives of 12-methylbenz(a)anthracene. Huggins C, et al.
Proc Nat Acad Sci USA 62:704-7, Mar 69

3',5'-cyclic AMP and the adrenal desmolase system. Cohen MP, et al.
Proc Soc Exp Biol Med 131:1267-70, Sep 69
Adrenal response to excess corticotropin in coronary-prone men. Friedman M, et al.
Proc Soc Exp Biol Med 131:1305-7, Sep 69
The cental nervous system and pituitary-adrenocortical feedback mechanisms. Davidson JM, et al. **Rass Neurol Veg 21:9-27, 30 Apr 67**
Effects of some pesticides and related compounds on steroid function and metabolism. Kupfer D.
Residue Rev 19:11-30, 1967 (96 ref.)
The effects of metopirone and aldactone on the pars distalis of the pituitary, the interrenal tissue and the interstitial tissue of the testis in the common frog, Rana temporaria. Kemenade JA van.
Z Zellforsch 96:466-77, 1969
The anterior pituitary of the Japanese quail, Coturnix coturnix japonica. The cytological effects of photoperiodic stimulation. Tixier-Vidal A, et al.
Z Zellforsch 92:610-35, 1968
[Biochemical and physiological effects of a food additive: di-tertiary-butyl-hydroxytoluene (BHT)] Pascal G, et al.
Ann Nutr (Paris) 23:Suppl:15-62, 1969 (73 ref.) (Fre)
[Catecholaminemia in anesthesitized rats] Cession-Fossion A, et al.
Arch Int Physiol 76:806-12, Dec 68 (Fre)
[Simultaneous presence of 2 distinct soudanophil formations in the X adrenal zone of post-partum mice having recieved 3:5:3' triiodothyronine] Chirvan-Nia P. **C R Acad Sci [D] (Paris) 268:3103-6, 23 Jun 69 (Fre)**
[Effect of ouabain and cyclic A.M.P. on the catecholamine output of the isolated adrenal gland] Poyart CF, et al.
J Physiol (Paris) 60:Suppl 2:523, 1968 (Fre)
[Experimental animal studies of sulfonylureas on adrenal medulla and adrenal cortex] Noetzel G, et al.
Arzneimittelforschung 19:1171-7, Aug 69 (Ger)
[Studies on the gonad and adrenal cortex function using a gestagen-therapy (Chlormadinone acetate)] Reisert PM, et al.
Arzneimittelforschung 19:1279-83, Aug 69 (Ger)
[On the effect of ethylenediaminetetraacetic acid and hexamethylene-tetraacetic acid on the blood sugar of guinea pigs] Fiedler H, et al.
Z Ges Inn Med 24:311-5, 15 May 69 (Ger)
[Histometric studies of the adrenal glands in rats. The effect of ACTH administration, formalin stress, hypophysectomy and cortisone treatment on the adrenal gland zones] Kovács K, et al.
Z Mikr Anat Forsch 79:413-33, 1968 (Ger)
[Histological study of the morphokinesis of the adrenal cortex] Merkle U.
Z Mikr Anat Forsch 79:460-76, 1968 (Ger)
[New antibiotics, Josamycin. V. Studies on toxicity of Josamycin] Kuriaki K, et al.
Jap J Antibiot 22:219-25, Jun 69 (Jap)
[Preventive effect of thymus histone on atrophy of the adrenal glands. 2] Kato M, et al.
Med Biol (Tokyo) 79:39-41, 10 Jul 69 (Jap)
[Preventive effect of thymus histone on atrophy of the adrenal glands. 1] Kato M, et al.
Med Biol (Tokyo) 79:15-6, 10 Jul 69 (Jap)
[The influence of estrogens upon the mitotic activity and DNA synthesis in the adrenal glands of the castrated mice] Jonek J, et al.
Ginek Pol 40:865-7, Aug 69 (Pol)
[Pharmacological properties of 20 antibiotic isolated from Aspergillus fumigatus] Syrkin AB, et al.
Antibiotiki 14:522-5, Jun 69 (Rus)
[On the use of glucocorticoids in surgery for pulmonary tuberculosis] Bashmakov AI.
Klin Khir (Kiev) 2:60-3, Feb 67 (Rus)
[Influence of hormonal therapy on the functional condition of the adrenal cortex in infectious hepatitis in children] El'kina IuA, et al.
Pediatriia 48:7-11, Jan 69 (Rus)
[Histochemical study of the selective action of hydrocortisone and desoxycorticosterone acetate on the adrenal cortex zones] Kolpakov MG, et al.
Probl Endokr (Moskva) 13:60-4, May-Jun 67 (Rus)
[The effect of P,P-diethyldiphenyldichlorethane (Perthane) on the function and structure of adrenal cortex in guinea pigs] Komissarenko VP, et al.
Probl Endokr (Moskva) 14:90-5, Jul-Aug 68 (Rus)
[Concentration of 17-oxycorticosteroids in the blood plasma and ascorbic acid content in adrenal glands of guinea pigs following manganese tetrachloride administration] Maksimov SV, et al.
Probl Endokr (Moskva) 14:59-64, May-Jun 68 (Rus)
[Thiamine and adrenal cortex. Changes of corticosteroid biosynthesis caused by single thiamine or oxythiamine administration] Ostrovskiĭ IuM, et al.
Probl Endokr (Moskva) 14:99-103, Jul-Aug 68 (Rus)
[The effect of ACTH on the steroidogenesis in the adrenal glands of rat embryos in experiments in vitro] Sakhatskaia TS.
Probl Endokr (Moskva) 14:51-4, May-Jun 68 (Rus)
[Some problems of the mechanism of action of cortisone in its local, intranasal administration] Dainiak LB, et al.
Vestn Otorinolaring 29:67-74, Nov-Dec 67 (Rus)
[The formation of corticosteroids in the administration of cetamiphen] Komissarenko VP, et al.
Vrach Delo 12:5-6, Dec 67 (Rus)
[Study of the histochemical changes occurring in the juxtaglomerular apparatus of the kidney, in the subcommissural organ and in the glomerular area of the adrenal gland of the "Lepus domesticus" after oral administration of "metopirone"] Fernáandez del Busto E, et al. **Rev Clin Esp 113:323-8, 31 May 69 (Spa)**

EMBRYOLOGY

Congenital lipoid hyperplasia of the fetal adrenal gland. Moragas A, et al. **Helv Paediat Acta 24:226-38, Apr 69**
Heterotopic renal tissue in the human adrenal gland. Milliser RV, et al. **J Urol 102:280-4, Sep 69**
The importance of foetal physiology and endocrinology in obstetrics. Abramovich DR.
Med J Aust 2:408-11, 23 Aug 69
Development of endocrine function in the human placenta and fetus (second of two parts). Villee DB.
New Eng J Med 281:533-41, 4 Sep 69 (63 ref.)
[Dirunal rhythm of mitosis in several organs of ten week old human fetuses] Abrin EN.
Biull Eksp Biol Med 67:100-2, Feb 69 (Rus)
[Contents of cholesterol and its esters in the adrenal glands of human fetuses] Kuznetsova LV.
Probl Endokr (Moskva) 14:69-73, May-Jun 68 (Rus)
[The effect of ACTH on the steroidogenesis in the adrenal glands of rat embryos in experiments in vitro] Sakhatskaia TS.
Probl Endokr (Moskva) 14:51-4, May-Jun 68 (Rus)

ENZYMOLOGY

Effect of vitamin A on enzymic conversion of the delta-5-3-beta-hydroxy- into delta-4-3-oxosteroids by adrenals of the rat. Grangaud R, et al.
Amer J Clin Nutr 22:991-1002, Aug 69
Reexamination of enzyme activities thought to show evidence of a coenzyme role for vitamin A. Rogers WE Jr. **Amer J Clin Nutr 22:1003-13, Aug 69**
The interaction of metopirone with adrenal mitochondrial cytochrome P-450. A mechanism for the inhibition of adrenal steroid 11 beta-hydroxylation. Williamson DG, et al.
Biochemistry (Wash) 8:1306-11, Apr 69
Effects of adrenal mitochondrial lipid on the reduced nicotinamide-adenine dinucleotide phosphate supported 11 beta-hydroxylation of deoxycorticosterone. Interaction of phospholipid with cytochrome P-450. Williamson DG, et al.
Biochemistry (Wash) 8:1289-300, Apr 69
The role of cytochrome P-450 in the mechanism of inhibition of steroid 11 beta-hydroxylation by dicumarol. Williamson DG, et al.
Biochemistry (Wash) 8:1300-6, Apr 69
The side-chain cleavage of cholesterol and cholesterol sulfate by enzymes from bovine adrenocortical mitochondria. Young DG, et al.
Biochemistry (Wash) 8:2987-97, Jul 69
Hydrolysis of steroid phosphates by mouse tissue phosphatases. Botte V, et al.
Biochim Biophys Acta 176:670-2, 29 Apr 69
Inhibitors of the catalytic activity of bovine adrenal glucose-6-phosphate dehydrogenase. Criss WE, et al.
Biochim Biophys Acta 184:486-94, 2 Sep 69
Beta-glucuronidase activity in adrenals of patients with or without cancer. Hoch-Ligeti C, et al.
Cancer 24:796-802, Oct 69
Quantitative changes of acid phosphatase in the hypothalamus, pituitary, adrenals, and thyroid of mice (Mus musculus L.) exposed to large, single doses of UV or x-rays, taking into account the circadian rhythm. Surowiak J.
Folia Biol (Krakow) 17:105-40, 1969

Inhibition by cholesterol analogues of the side-chain cleavage of cholesterol and 20alpha-hydroxycholesterol in a preparation of hog adrenocortical mitochondria. Kobayashi S, et al. **J Biochem (Tokyo)** 66:51-6, Jul 69

Guinea pig adrenal 3-beta-hydroxysteroid dehydrogenase: is there more than one enzyme? Handler RP, et al. **J Clin Endocr** 29:1117-9, Aug 69

Increase in tyrosine hydroxylase activity after reserpine administration. Mueller RA, et al. **J Pharmacol Exp Ther** 169:74-9, Sep 69

Acid angiotensinase as a lysosomal enzyme. Matsunaga M, et al. **Jap Circ J** 33:545-51, May 69

Studies on esterifying activity of cholesterol-esterase. Sueyoshi Y, et al. **Keio J Med** 18:1-12, Mar 69

ACTH sensitive adenyl cyclase in bovine adrenal cortex membrane fractions. Hechter O, et al. **Life Sci** 8:935-42, 1 Sep 69

Mechanism of secretion from the adrenal medulla. V. Retention of storage vesicle membranes following release of adrenaline. Viveros OH, et al. **Molec Pharmacol** 5:342-9, Jul 69

Development of endocrine function in the human placenta and fetus (second of two parts). Villee DB. **New Eng J Med** 281:533-41, 4 Sep 69 (63 ref.)

3',5'-cyclic AMP and the adrenal desmolase system. Cohen MP, et al. **Proc Soc Exp Biol Med** 131:1267-70, Sep 69

Studies on the elevation of phenylethanolamine N-methyl transferase (PNMT) activity in the rat following physiologic manipulation. Ciaranello RD, et al. **Proc West Pharmacol Soc** 12:25-6, 1969

Secretion from the isolated bovine adrenal medulla. Schneider FH. **Proc West Pharmacol Soc** 12:107-9, 1969

[Metabolic processes in the ovary with regard to follicular ripening and ovulation] Jung G. **Arch Gynaek** 207:124-35, 1969 **(Ger)**

[Preventive effect of thymus histone on atrophy of the adrenal glands. 2] Kato M, et al. **Med Biol (Tokyo)** 79:39-41, 10 Jul 69 **(Jap)**

[Preventive effect of thymus histone on atrophy of the adrenal glands. 1] Kato M, et al. **Med Biol (Tokyo)** 79:15-6, 10 Jul 69 **(Jap)**

[Comparative kinetic investigation of cathode isoenzymes of lactate dehydrogenase from the skeletal muscle of rat and guinea pig] Atanasov NA. **Biokhimiia** 34:308-11, Mar-Apr 69 **(Rus)**

[Distrbution of the activity, of succinate dehydrogenase, cytochrome oxidase, NAD- and NAD-P-diaphorases in the adrenal glands of guina pig] Gordienko VM, et al. **Probl Endokr (Moskva)** 15:62-6, Jan-Feb 69 **(Rus)**

[Thiamine and adrenal cortex. Changes of corticosteroid biosynthesis caused by single thiamine or oxythiamine administration] Ostrovskiĭ IuM, et al. **Probl Endokr (Moskva)** 14:99-103, Jul-Aug 68 **(Rus)**

GROWTH & DEVELOPMENT

An ultrastructural study of the adrenocorticotrophic hormone-secreting cell in the rat adenohypophysis during adrenal cortical regeneration. Nakayama I, et al. **Lab Invest** 21:169-78, Aug 69

Factors in the maturation of the adrenal. Levine S. **Rass Neurol Veg** 21:29-40, 30 Apr 67

Thiol groups as a factor preventing senescence and stimulating growth processes in various organisms. Oeriu S, et al. **Rev Roum Physiol** 5:273-8, 1968

IMMUNOLOGY

Organ-specific antibodies in idiopathic panhypopituitarism, primary thyroid and adrenal insufficiency. Nerup J, et al. **Acta Med Scand** 185:293-6, Apr 69

INJURIES

[Kidney rupture caused by birth injury in newborn infants] Payer J, et al. **Urol Int** 24:58-65, 1969 **(Ger)**

INNERVATION

Intrinsic innervation of the human adrenal gland. Mikhail Y, et al. **Acta Anat (Basel)** 72:25-32, 1969

[Consequences of right cervical sympathectomy on thyroid and adrenals in castrated rats] Kraemer H, et al. **J Physiol (Paris)** 60:Suppl 2:478, 1968 **(Fre)**

[On the innervation of the endocrine glands. Contribution on modern morphology and comparative anatomy] Vollrath L. **Munchen Med Wschr** 111:1464-8, 4 Jul 69 **(Ger)**

METABOLISM

3H-Corticosterone metabolism in the rat. Lowy J, et al. **Acta Endocr (Kobenhavn)** 61:483-93, Jul 69

Studies on the metabolism of corticosteroids in the human foeto-placental unit. 2. Corticosterone metabolism in previable foetuses. Pasqualini JR, et al. **Acta Endocr (Kobenhavn)** 60:237-48, Feb 69

Metabolism of 16alpha-hydroxy-pregnenolone and 17alpha-hydroxy-pregnenolone in the foeto-placental unit and mother at midgestation. Reynolds JW, et al. **Acta Endocr (Kobenhavn)** 61:533-50, Jul 69

Effect of vitamin A on enzymic conversion of the delta-5-3-beta-hydroxy- into delta-4-3-oxosteroids by adrenals of the rat. Grangaud R, et al. **Amer J Clin Nutr** 22:991-1002, Aug 69

The effect of steroid hydroxylase inhibitors on the rate of reduction of adrenal mitochondrial cytochrome P-450. McIntosh EN, et al. **Biochem Biophys Res Commun** 36:552-8, 15 Aug 69

The pathways of corticosteroid biosynthesis by homogenates of adrenal tissue from rabbits stimulated with adrenocorticotropin. Fevold HR. **Biochemistry (Wash)** 8:3433-9, Aug 69

Studies on adrenal cortical cytochrome P-450. II. Effects of inhibitors of 11 beta hydroxylation on its optical and magnetic properties. Wilson LD, et al. **Biochemistry (Wash)** 8:2975-81, Jul 69

Aldosterone biosynthesis by human fetal adrenal in vitro. Dufau ML, et al. **Biochim Biophys Acta** 176:637-40, 29 Apr 69

Further studies on corticosteroidogenesis. VI. Pyruvate and malate supported steroid 11-beta-hydroxylation in rat adrenal gland mitochondria. Péron FG, et al. **Biochim Biophys Acta** 180:445-58, 5 Aug 69

Brain monoamines and adrenocortical activation. De Schaepdryver A, et al. **Brit J Pharmacol** 35:460-7, Mar 69

The pharmacology of fenclozic acid (2-(4-chlorophenyl)-thiazol-4-ylacetic acid; I.C.I. 54,450; 'Myalex'); a new compound with anti-inflammatory, analgesic and antipyretic activityI. Newbould BB. **Brit J Pharmacol** 35:487-97, Mar 69

Studies on regenerating adrenal cortex. 2. Autoradiographic and electron microscopic observations. Seki M, et al. **Endocr Jap** 16:361-77, Jun 69

A comparative study of steroid biosyntheses in vitro. In clear cell adenoma and its adjacent tissue of human adrenal gland. Tamaoki BI. **Endocr Jap** 16:47-54, Feb 69

Effect of antihistamines on ribonucleic acid synthesis in the uterus of the ovariectomized rat. Birchall K, et al. **Endocrinology** 85:773-8, Oct 69

Persistence of the steroidogenic effect of adenosin-3',5'-monophosphate in vitro: evidence for a third factor during the steroidogenic effect of ACTH. Farese RV, et al. **Endocrinology** 85:867-74, Nov 69

Similarities between effects of adenosine 3',5'-monophosphate and guanosine 3' 5'-monophosphate on liver and adrenal metabolism. Glinsmann WH, et al. **Endocrinology** 85:711-9, Oct 69

Response of rat adrenal tissue to ACTH in a flowing system. Saffran M, et al. **Endocrinology** 85:852-6, Oct 69

1-14C-acetyl-coenzyme A as steroid precursor in the monkey adrenal in vitro. Knapstein P, et al. **Experientia** 25:364-5, 15 Apr 69

Biochemical aspects of depression. Coppen AJ. **Int Psychiat Clin** 6:53-81, 1969

Further studies of cortisol production rate. Fukushima DK, et al. **J Clin Endocr** 29:1042-5, Aug 69

Metabolism of dehydroepiandrosterone by the separated zones of the human foetal and newborn adrenal cortex. Shirley IM, et al. **J Endocr** 44:411-9, Jul 69

Response of neurogenic amines to aggregation and strangers. Bliss EL, et al. **J Pharmacol Exp Ther** 168:258-63, Aug 69

Effect of demethyl sulfoxide on serum enzymes and tissues of rats given epinephrine and cortisone. Highman B, et al. **Life Sci** 8:673-83, 1 Jul 69

3',5'-cyclic AMP and the adrenal desmolase system. Cohen MP, et al. **Proc Soc Exp Biol Med** 131:1267-70, Sep 69

The adrenal cortex and the pregnant diabetic. Notelovitz M. S Afr Med J 43:975-8, 9 Aug 69

A preliminary report on the intermediates in the conversion in vitro of cholesterol to pregnenolone in adrenal preparations. Burstein S, et al. Steroids 14:207-17, Aug 69

Unusual pathways of aldosterone biosynthesis in the rabbit adrenal. Fazekas AG, et al. Steroids 14:161-77, Aug 69

A time study of the in vitro metabolism of 3 beta-hydroxyandrost-5-en-17-one by human adrenocortical tissue. Neville AM, et al. Steroids 14:97-117, Aug 69

[Research on the benzofuran series. XXXVII. Comparative study of transit and metabolism of amiodarone in different species of animals and humans] Broekhuysen J, et al. Arch Int Pharmacodyn 177:340-59, Feb 69 (Fre)

[Catecholaminemia in anesthesitized rats] Cession-Fossion A, et al. Arch Int Physiol 76:806-12, Dec 68 (Fre)

[Presence of dopamine in goat adrenals] Vandermeulen R, et al. Arch Int Physiol 76:916-8, Dec 68 (Fre)

[Studies on the biologic action of benz(a)pyrene. 3. Localization of tritiated benz(a)pyrene in rats after intraperitoneal administration] Delwaide PA. Biochem Pharmacol 18:1275-83, Jun 69 (Fre)

[Role of the hypothalamus on the rat adrenal response of the rat fetus to formol agression] Cohen A, et al. C R Soc Biol (Paris) 162:2070-3, 1968 (Fre)

[Cytologic modifications of the pituitary and interrenal gland of the green frog, Rana esculenta L., after unilaternal adrenalectomy] Dupont W, et al. C R Soc Biol (Paris) 163:34-7, 1969 (Fre)

[Study of 32P distribution in certain organs of fieldmice (Citellus citellus L.)] Lazarov VP. C R Soc Biol (Paris) 162:2079-81, 1968 (Fre)

[Catecholamine levels in the blood and adrenal glands of goats] Vandermeulen R, et al. C R Soc Biol (Paris) 162:2051-3, May 69 (Fre)

[Action of alloxan diabetes on 14C-histamine distribution in rats] Zizine L. C R Soc Biol (Paris) 162:1931-3, May 69 (Fre)

[Consequences of right cervical sympathectomy on thyroid and adrenals in castrated rats] Kraemer H, et al. J Physiol (Paris) 60:Suppl 2:478, 1968 (Fre)

[Synthesis of steroids beginning with Na-1-14C acetate by wild hamster (Cricetus cricetus L.) adrenal cortex and brown fat in organ culture] Linck G, et al. J Physiol (Paris) 60:Suppl 2:490, 1968 (Fre)

[The adrenaline-noradrenaline relationship in the hypothalamus, the heart, and the adrenals in squirrels hibernating and in a waking state] Petrović VM, et al. J Physiol (Paris) 60:Suppl 2:514, 1968 (Fre)

[Methylation of noradrenaline in dog-fish] Peyrin L. J Physiol (Paris) 60:Suppl 2:515, 1968 (Fre)

[The effect of auditory stimulation upon motor activity and the adrenal cortex of the mouse] Raynaud G, et al. J Physiol (Paris) 60:523-42, Nov-Dec 68 (Fre)

[Study on the renin-angiotensin-aldosterone system. Evaluation of the dynamics of renal renin and adrenal cortex aldosterone production in the chronic stage of Goldblatt's rats] Okano M. Jap Circ J 31:1773-83, Nov 67 (Jap)

[Observation on the action mechanism of ACTH] Imura H, et al. Jap J Clin Med 27:1425-9, May 69 (Jap)

[Effect of ACTH (synthetic) and 3',5'-AMP on cholesterol transformation in the adrenocortical mitochondria of cattle] Matsuba M. Jap J Clin Med 27:1429-33, May 69 (Jap)

[The influence of estrogens upon the mitotic activity and DNA synthesis in the adrenal glands of the castrated mice] Jonek J, et al. Ginek Pol 40:865-7, Aug 69 (Pol)

[The role of adrenals in regulation of carbohydrate metabolism in induced hypothermia of animals with different levels of development of thermoregulation] Danilova LIa. Acta Biol Med German 21:625-34, 1968 (Rus)

[Hygienic assessment of water desalted by evaporation] El'piner LI, et al. Gig Sanit 34:22-6, Jun 69 (Rus)

[On changes in oxygen pressure in the cortical layer of the adrenal glands in the action of various stimuli on the organism] Shelkovnikov IA. Pat Fiziol Eksp Ter 11:26-9, Mar-Apr 67 (Rus)

[Histochemical study of the selective action of hydrocortisone and desoxycorticosterone acetate on the adrenal cortex zones] Kolpakov MG, et al. Probl Endokr (Moskva) 13:60-4, May-Jun 67 (Rus)

[The effect of ACTH on the steroidogenesis in the adrenal glands of rat embryos in experiments in vitro] Sakhatskaia TS. Probl Endokr (Moskva) 14:51-4, May-Jun 68 (Rus)

MICROBIOLOGY

Course of air-borne infection cause by B virus (Herpesvirus simiae) II. Distribution of B virus in the organism of rabbits and histopathological changes in the organs. Benda R, et al. J Hyg Epidem (Praha) 13:214-26, 1969

PATHOLOGY

The effect of ascorbic acid on adrenal activity during vitamin A and riboflavin deficiencies in chicks. (Adrenal activity in vitamin deficiency). Perek M, et al. Acta Endocr (Kobenhavn) 61:203-8, Jun 69

Divergent responses of arteriosclerotic and non-arteriosclerotic rats to a catabolic dose of cortisone. Wexler BC, et al. Acta Endocr (Kobenhavn) 61:509-24, Jul 69

An autopsy case of primary osteomyelosclerosis in a 6-year-old girl. Nagai K, et al. Acta Path Jap 19:81-93, Feb 69

An autopsy case of bilateral cortical necrosis of the kidneys. Tsukahara Y, et al. Acta Path Jap 19:45-53, Feb 69

Studies on the immunopharmacologic properties of tris-(Chloroethyl)-amine (TS160). Gieldanowski J, et al. Arch Immun Ther Exp 17:380-92, 1969

Some morphologic, biologic and metabolic properties of transplantable Kirkman-Robbins hepatoma in hamsters. Starzyk H, et al. Arch Immun Ther Exp 17:523-35, 1969

Experimental hypersplenism and tissue iron distribution. Giomski CA. Brit J Exp Path 50:331-9, Aug 69

Histological changes of the contralateral adrenal cortex in acute and subacute phases of unilateral adrenalectomy in rats, with special reference to the mode of compensatory hypertrophy. Omoto T. Endocr Jap 16:315-29, Jun 69

Development of leukemia in rats by oral administration of N-nitrosobutylurea in the drinking water. Odashima S. Gann 60:237, Apr 69

Course of air-borne infection cause by B virus (Herpesvirus simiae) II. Distribution of B virus in the organism of rabbits and histopathological changes in the organs. Benda R, et al. J Hyg Epidem (Praha) 13:214-26, 1969

Malignant lymphomas of extrathymic origin induced in rats by murine erythroblastosis virus. Kirsten WH, et al. J Nat Cancer Inst 43:735-46, Sep 69

Endocrines in cholera. Effects of cholera on the human hypothalamus-hypophysis-adrenal apparatus. Choudhury RP. J Trop Med Hyg 72:179-84, Aug 69

Heterotopic renal tissue in the human adrenal gland. Milliser RV, et al. J Urol 102:280-4, Sep 69

Augmentation of spontaneous hypertension by chronic stress in rats. Yamori Y, et al. Jap Circ J 33:399-409, Apr 69

Production of hypertensive vascular disease in the rat by methyltestosterone. Molteni A, et al. Lab Invest 21:129-37, Aug 69

Distant non-metastatic effects of neoplasms. A report of two cases. Gillie I. Manchester Med Gaz 48:13-9, May 69

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 40-1969. New Eng J Med 281:783-91, 2 Oct 69

[Simultaneous presence of 2 distinct soudanophil formations in the X adrenal zone of post-partum mice having recieved 3:5:3' triiodothyronine] Chirvan-Nia P. C R Acad Sci [D] (Paris) 268:3103-6, 23 Jun 69 (Fre)

[Effect of fibrinolysis inhibitors on tissue changes produced by hexadimethrinbromide] Szijj I, et al. Folia Haemat (Leipzig) 91:487-95, 1969 (Ger)

[Heparin therapy of the hemolytic-uremic syndrome] Egli F, et al. Helv Paediat Acta 24:13-37, Feb 69 (Ger)

[The so-called cytotoxic adrenal gland atrophy] Rüppell V, et al. Med Welt 24:1397-402, 14 Jun 69 (Ger)

[Histological and electron microscopic studies on hypophysectomized rats treated with lynestrenol] Th F, et al. Z Geburtsh Gynaek 170:257-64, 1969 (Ger)

[Histological findings on organs of rabbits following

chronic exposure to carbon disulfide] Gohlke R. Z Ges Hyg 14:81-7, Feb 68 (Ger)
[Effects of a protease inhibitor on hemolytic shock from incompatible blood in rabbits. Experimental research] Laurentaci G, et al. Osped Ital Chir 17:247-73, Sep 67 (Ita)
[Study on the renin-angiotensin-aldosterone system. Evaluation of the dynamics of renal renin and adrenal cortex aldosterone production in the chronic stage of Goldblatt's rats] Okano M. Jap Circ J 31:1773-83, Nov 67 (Jap)
[New antibiotic, Josamycin. 8. 6-month toxicity test of Josamycin in rats] Hazato H, et al. Jap J Antibiot 22:242-53, Jun 69 (Jap)
[Preventive effect of thymus histone on atrophy of the adrenal glands. 2] Kato M, et al. Med Biol (Tokyo) 79:39-41, 10 Jul 69 (Jap)
[Preventive effect of thymus histone on atrophy of the adrenal glands. 1] Kato M, et al. Med Biol (Tokyo) 79:15-6, 10 Jul 69 (Jap)
[Histochemical changes in the adrenal cortex in rats with experimental thyreotoxicosis] Jonek J, et al. Endokr Pol 20:331-41, 1969 (Pol)
[Histological studies of certain parenchymal organs of the guinea pig exposed to the action of welding fumes using electrodes of the EP47-28P type] Gądzikiewicz I, et al. Roczn Pom Akad Med Swierczewski 14:171-5, 1968 (Pol)
[Dermatomyositis] Strukov AI, et al. Arkh Pat 30:3-12, 1968 (43 ref.) (Rus)
[Study of organs that regulate salt metabolism during prolonged administration of a salt diet (on the morphology and enzymohistochemistry of salt hypertension)] Vikhert AM, et al. Kardiologiia 7:107-14, Nov 67 (Rus)
[On the condition of the adrenal cortex in patients with glaucoma] Nemeritskaia IB, et al. Lab Delo 8:505, 1967 (Rus)
[Functional-morphological condition of adrenal cortex in listeriosis in newborn infants] Kravtsov MP. Pediatriia 48:24-8, Mar 69 (Rus)
[The effect of P,P-diethyldiphenyldichlorethane (Perthane) on the function and structure of adrenal cortex in guinea pigs] Komissarenko VP, et al. Probl Endokr (Moskva) 14:90-5, Jul-Aug 68 (Rus)

PHYSIOLOGY

The effect of bilateral adrenalectomy and ovariectomy on the induction of carcinoma of the mouse uterine cervix. Ashraf M, et al. Acta Cytol (Balt) 13:347-51, Jun 69
Nuclear shape variations in the fascicular zone of the rat adrenal gland. 2. Effect of unilateral adrenalectomy with and without hypophysectomy. Ahrén C, et al. Acta Endocr (Kobenhavn) 59:660-7, Dec 68
Biological assay of insulin by blood sugar determination in mice. Eneroth G, et al. Acta Pharm Suec 5:591-4, Dec 68
Adrenal-renal function in water snakes Natrix cyclopion. Elizondo RS, et al. Amer J Physiol 217:419-25, Aug 69
Effect of illumination on water intake, thirst, and urine output in the rat. Gutman Y, et al. Amer J Physiol 217:471-4, Aug 69
Radio-frequency-current and direct-current lesions in the ventromedial hypothalamus. Herrero S. Amer J Physiol 217:403-10, Aug 69
Role of beta-adrenergic receptors in the circulatory response to hypoxia. Kontos HA, et al. Amer J Physiol 217:756-63, Sep 69
Saline loading and aldosterone in water snakes Natrix cyclopion. LeBrie SJ, et al. Amer J Physiol 217:426-30, Aug 69
Functional capacity of resistance and capacitance vessels in adrenal insufficiency. Verrier RL, et al. Amer J Physiol 217:341-7, Aug 69
Adrenocortical and adrenomedullary factors influencing the blood pressure response to splanchnic stimulation in the rat. Ctoni C, et al. Ann Ist Sup Sanit 4:338-40, 1968
Analysis of pressor response of the guinea-pig to nicotinic acid. Abdel-Aziz A, et al. Arch Int Pharmacodyn 177:253-60, Feb 69
Influence of oxytocin and growth hormone on the actions of aldosterone in the rat. Lees P, et al. Arch Int Pharmacodyn 177:457-71, Feb 69
Fetal growth retardation. Aust New Zeal J Obstet Gynaec 9:75-81, May 69 (70 ref.)
Effects in vivo and in vitro of nonsteroidal anti-inflammatory drugs on (rat stomach) histidine decarboxylase. Petillo JJ, et al. Biochem Pharmacol 18:1784-8, Jul 69
Studies on the mechanism of induction of tyrosine aminotransferase in neonatal rat liver. Holt PG, et al. Biochemistry (Wash) 8:1429-37, Apr 69
Adrenocrotical responsiveness during courses of electro-convulsive therapy. Elithorn A, et al. Brit J Psychiat 115:575-80, May 69
Histological changes of the contralateral adrenal cortex in acute and subacute phases of unilateral adrenalectomy in rats, with special reference to the mode of compensatory hypertrophy. Omoto T. Endocr Jap 16:315-29, Jun 69
Persistence of sexual behavior in ovariectomized-adrenalectomized rabbits treated with cortisol. Beyer C, et al. Endocrinology 85:790-3, Oct 69
Endocrine influence on urinary 5-hydroxyindoleacetic acid output in the rat. Abdel-Aziz A. Europ J Pharmacol 7:49-55, Jul 69
Effect of Yogic asanas on uropepsin excretion. Karambelkar PV, et al. Indian J Med Res 57:944-7, May 69
Relation of kidneys and adrenal glands to hypovolemic thirst. Gutman Y, et al. Israel J Med Sci 5:411-3, May-Jun 69
Hormonal regulation of aminopyrine N-demethylase system in rat liver. Ichii S, et al. J Biochem (Tokyo) 65:597-601, Apr 69
Mode of action of hypoglycemic agents. I. Inhibition of gluconeogenesis by quinaldic acid and 5-methoxyindole-2-carboxylic acid. Hanson RL, et al. J Biol Chem 244:4351-9, 25 Aug 69
Effect of adrenocorticotropin on desoxycorticosterone, corticosterone and aldosterone excretion. Biglieri EG, et al. J Clin Endocr 29:1090-101, Aug 69
Synthesis and antialdosterone activity of substituted 2,3,3-triphenylpropylamines. Blank B, et al. J Med Chem 12:873-6, Sep 69
An electrophysiological study of the rat adrenal gland in vivo. Fawcett PR. J Neurol Sci 8:381-3, Mar-Apr 69
Antilymphocyte serum and the reticuloendothelial system. Gill PG, et al. Lancet 2:645-6, 20 Sep 69
Why are the islets of Langerhans? Henderson JR. Lancet 2:469-70, 30 Aug 69
Mechanism of secretion from the adrenal medulla. V. Retention of storage vesicle membranes following release of adrenaline. Viveros OH, et al. Molec Pharmacol 5:342-9, Jul 69
Adrenal response to excess corticotropin in coronary-prone men. Friedman M, et al. Proc Soc Exp Biol Med 131:1305-7, Sep 69
Factors in the maturation of the adrenal. Levine S. Rass Neurol Veg 21:29-40, 30 Apr 67
Circadian rhythms in simulated and manned orbital space flight. Rummel J, et al. Rass Neurol Veg 21:41-56, 30 Apr 67
"In vitro" studies of circadian rhythms in hypothalamic-pituitary-adrenal systems. Ungar F. Rass Neurol Veg 21:57-70, 30 Apr 67
Fluorometric assay of corticosterone after purification by bidimensional thin-layer chromatography in birds. Bouillé C, et al. Steroids 14:7-20, Jul 69
Adrenal microcirculation in hemorrhagic shock. Mack E, et al. Surg Gynec Obstet 129:511-8, Sep 69
Effects of adrenalectomy on the changes in cholesterol levels in rats induced by Walterinnesia venom. Zaki OA, et al. Toxicon 6:255-61, May 69
[Effects of adrenaline on gluconoegenesis in rat liver homogenate supernatant] Wohnlich J. Bull Soc Chim Biol (Paris) 50:1849-54, 30 Jan 69 (Fre)
[Role of the adrenal glands in lowering plasma renin associated with an increase in angiotensin] Menard J, et al. C R Acad Sci [D] (Paris) 268:2710-3, 2 Jun 69 (Fre)
[Regeneration of the adrenal cortex after neonatal autograft] Brudieux R. C R Soc Biol (Paris) 163:125-9, 1969 (Fre)
[Role of the hypothalamus on the rat adrenal response of the rat fetus to formol agression] Cohen A, et al. C R Soc Biol (Paris) 162:2070-3, 1968 (Fre)
[Cytologic modifications of the pituitary and interrenal gland of the green frog, Rana esculenta L., after unilaternal adrenalectomy] Dupont W, et al. C R Soc Biol (Paris) 163:34-7, 1969 (Fre)

[Influence of adrenalectomy on urinary excretion of various ions during ulcerogenic constraint of rats] Gairard A, et al.
C R Soc Biol (Paris) 162:1898-901, May 69 (Fre)

[New pharmacologic research on the mechanism of hypertensive action produced by intravenous potassium chloride injection in adrenalectomized dogs] Hazard R, et al.
C R Soc Biol (Paris) 162:1933-5, May 69 (Fre)

[Elimination of urinary corticosteroids by European hamster (Cricetus cricetus) adrenalectomized and bearing an intratesticular adrenal homograft] Canguilhem B, et al.
J Physiol (Paris) 60:Suppl 2:353, 1968 (Fre)

[New data on seasonal endocrine cycles] Delost P.
J Physiol (Paris) 60:Suppl 2:356, 1968 (Fre)

[Effects of unilateral adrenalectomy on pituitary and adrenal gland cytology in Rana esculenta L] Dupont W, et al. J Physiol (Paris) 60:Suppl 2:435, 1968 (Fre)

[Contribution to the study of Stilling cells in Rana esculenta L] Gaudray A, et al.
J Physiol (Paris) 60:Suppl 2:447, 1968 (Fre)

[Role of the fetal adrenal in increase of plasmatic corticosterone in rats at the end of gestation] Kamoun A, et al. J Physiol (Paris) 60:Suppl 2:475, 1968 (Fre)

[Phosphorylase activity of rat myocardium] Lacroix E, et al. J Physiol (Paris) 60:Suppl 2:479, 1968 (Fre)

[The effect of auditory stimulation upon motor activity and the adrenal cortex of the mouse] Raynaud G, et al.
J Physiol (Paris) 60:523-42, Nov-Dec 68 (Fre)

[The influence of the adrenal cortex on adrenaline synthesis in the rat and rabbits fetus and neonate] Roffi J. J Physiol (Paris) 60:455-94, Nov-Dec 68 (Fre)

[Adrenal cortex hormones and lactic-acidemia during exposure to cold and muscular work] Zegaya M, et al.
J Physiol (Paris) 60:Suppl 2:572, 1968 (Fre)

[Study of the adrenal gland function using a synthetic delayed-action ACTH] Bercovici JP, et al.
Praxis 58:1124-6, 9 Sep 69 (Fre)

[Studies on the gonad and adrenal cortex function using a gestagen-therapy (Chlormadinone acetate)] Reisert PM, et al.
Arzneimittelforschung 19:1279-83, Aug 69 (Ger)

[Neural influence of the hypothalamus on the function of the adrenal cortex] Smollich A, et al.
J Neurovisc Relat 31:128-35, 1969 (Ger)

[A few remarks on the effect of light on the human body] Fatranská M. Z Ges Hyg 14:146-8, Feb 68 (Ger)

[Histological study of the morphokinesis of the adrenal cortex] Merkle U.
Z Mikr Anat Forsch 79:460-76, 1968 (Ger)

[State of oxido-reduction of NAD in vivo in the adrenalectomized and medullectomized rat] Fiorentini A, et al.
Boll Soc Ital Biol Sper 44:1838-40, 15 Nov 68 (Ita)

[Contribution to the knowledge of the correlations between the olfactory bulbs and the neuroendocrine system. II. Histomorphological changes of the hypothalamo-neurophyophysial system and of some endocrine glands of the rat exposed to removal of the olfactory bulbs in the prepuberal period] Tessitore V, et al. Boll Soc Ital Biol Sper 44:1804-7, 15 Nov 68 (Ita)

[Correlation between mitotic rhythm in the intestinal epithelium and endocrine activity in the rat] Tsunenari Y. J Tokyo Med Coll 27:191-7, 1969 (Jap)

[Afferent impulsation in sympathetic nerves following adrenalectomy and corticosteroid administration] Nozdrachev AD.
Fiziol Zh SSSR Sechenov 53:791-9, Jul 67 (Rus)

[On the significance of the adrenal glands in the effect of a methane-oxygen hypoxic gaseous mixture] Deĭnega VG. Gig Tr Prof Zabol 13:57, Mar 69 (Rus)

[On the mechanism of inhibition of the inflammatory reaction in anesthesia] Sveshnikov AA, et al.
Pat Fiziol Eksp Ter 11:74-6, Mar-Apr 67 (Rus)

[The effects of adrenalectomy on the sensitivity of the albino rat ovaries to chorionic gonadotropin in its simultaneous administration with estrogens, androgens and progesterone] Kharchenko SF.
Probl Endokr (Moskva) 13:111-5, May-Jun 67 (Rus)

[The role of adrenal glands in the mechanism of activation of the tryptophan pyrrolase in rat liver during administration of nonspecific agents] Levin FB, et al.
Probl Endokr (Moskva) 13:70-2, May-Jun 67 (Rus)

[Histological and histochemical changes of the thmus after adrenalectomy] Tarakanov EI, et al.
Probl Endokr (Moskva) 15:96-100, Jan-Feb 69 (Rus)

[Dynamics of changes of gas exchange in rats at various periods after adrenalectomy] Voznesenskaia TE.
Probl Endokr (Moskva) 13:72-4, May-Jun 67 (Rus)

PHYSIOPATHOLOGY

The effect of ascorbic acid on adrenal activity during vitamin A and riboflavin deficiencies in chicks. (Adrenal activity in vitamin deficiency). Perek M, et al. Acta Endocr (Kobenhavn) 61:203-8, Jun 69

Functional capacity of resistance and capacitance vessels in adrenal insufficiency. Verrier RL, et al.
Amer J Physiol 217:341-7, Aug 69

Parameters of the stimulus initiating the adrenocortical response to hemorrhage. Gann DS.
Ann NY Acad Sci 156:740-55, 21 Apr 69

The effect of haemorrhage on adrenocortical perfusion and function. Egdahl RH, et al.
Brit J Surg 56:703, Sep 69

Evaluation of metopiron and ACTH tests in prolonged corticosteroid treatment of chronic asthma. Lass N, et al. Int Arch Allerg 36:180-5, 1969

Addison's disease and diffuse cerebral sclerosis. Gray AM. J Neurol Neurosurg Psychiat 32:344-7, Aug 69

Modification of insulin response and alloxan diabetes by hypothalamic lesions in rats. Kokka N, et al.
Neuroendocrinology 4:333-46, 1969

The metabolic and endocrine response to acute medical stress. Nabarro JD. Proc Roy Soc Med 62:351-5, Apr 69

A study of body, adrenal and pituitary weight changes in mouse scrapie with a note on neurosecretory activity. Field EJ. Res Vet Sci 10:151-5, Mar 69

Hormonal pattern in bronchial asthma (reversible obstructive lung disease). 1. Role of adrenal steroids. Weller HH, et al. Scand J Resp Dis 49:163-84, 1968

Adrenal microcirculation in hemorrhagic shock. Mack E, et al. Surg Gynec Obstet 129:511-8, Sep 69

[The maternal adrenals in molar pregnancy] Houtzager HL, et al. Nederl T Geneesk 113:1272-4, 19 Jul 69 (Dut)

[Effect of inflammatory reactions on the concentration of corticosterone in rat plasma] Haas H, et al.
Naunyn Schmiedeberg Arch Pharm 264:86-98, 1969 (Ger)

[On the pathology of the adrenal gland] Propst A.
Wien Klin Wschr 81:481-5, 27 Jun 69 (Ger)

[Peptic ulcer and adrenal cortex function: new aspects of an old problem] Cagnoni M, et al.
Arch Ital Mal Appar Dig 35:232-46, 1968 (Ita)

[Behavior of the adrenal gland in silicotics] Brancaccio A. Folia Med (Napoli) 51:947-54, 12 Dec 68 (Ita)

[Cortisole production in senile diabetes] Papa C, et al.
G Geront 15:1427-34, Dec 67 (Ita)

[Evaluation of the mean age of the adrenal gland in relation to degree of obesity] Silvi G, et al.
G Geront 15:1455-60, Dec 67 (Ita)

[Comparative evaluation of colpocyto-hormonal and clinico histological data in patients with uterine myoma] Lesakova AS, et al.
Akush Ginek (Moskva) 43:41-6, Apr 67 (Rus)

[Comparative results of the study of the thyroid gland and androgen function of the adrnal cortex in patients with hypertensive disease] Kolbasova AN.
Kardiologiia 9:126-8, Apr 69 (Rus)

[Study of organs that regulate salt metabolism during prolonged administration of a salt diet (on the morphology and enzymohistochemistry of salt hypertension)] Vikhert AM, et al.
Kardiologiia 7:107-14, Nov 67 (Rus)

[On the use of glucocorticoids in surgery for pulmonary tuberculosis] Bashmakov AI.
Klin Khir (Kiev) 2:60-3, Feb 67 (Rus)

[On the evaluation of adrenal cortex function in patients in the early stages of atherosclerosis of brain vessels in its initial stage and during the process of treatment] Kushkovoĭ IuI.
Lab Delo 6:374-5, 1969 (Rus)

[Functional-morphological condition of adrenal cortex in listeriosis in newborn infants] Kravtsov MP.
Pediatriia 48:24-8, Mar 69 (Rus)

[Hormonal function of the adrenal cortex in macacus rhesus at various stages of infectious process] Goncharov NP.
Probl Endokr (Moskva) 15:102-7, Mar-Apr 69 (Rus)

[Assessment of the functional state of the adrenal cortex in liver diseases] Khazanov MKh.
Probl Endokr (Moskva) 13:37-41, May-Jun 67 (Rus)

[Functional state of adrenal cortex and deametasone depression of the hypothalamo-hypophyseo-adrenal cortex system n patentswth iabetes mellitus] Orkodashvili LSHORKDASHV.
Probl Endokr (Moskva) 15:13-8, Jan-Feb 69 (Rus)

[Glucocorticoid function of the adrenal cortex in diabetic angiopathies] Povolotskaia GM, et al. **Probl Endokr (Moskva)** 15:29-33, May-Jun 69 **(Rus)**
[Adrenal gland function in thyrotoxicosis] Povolotskaia GM, et al. **Probl Endokr (Moskva)** 15:17-22, May-Jun 69 **(Rus)**
[Change in the function of adrenal glands during splenectomy in patients with hemorrhagic diathesis at different methods of use of steroid hormones] Kukina MN. **Probl Gemat** 12:42-6, Jun 67 **(Rus)**
[The functional status of the sympathetic-adrenal system in hypertension in adolescents] Zutler AS. **Sovet Med** 31:48-52, Aug 68 **(Rus)**
[Function of adrenal cortex after cholecystectomy] Karaman NV. **Vrach Delo** 10:119-21, Oct 67 **(Rus)**
[The adrenal cortex and its hormones in chronic pulmonary heart disease in patients with pulmonary tuberculosis] Kuiachkovskiĭ IuV. **Vrach Delo** 10:68-70, Oct 67 **(Rus)**

RADIOGRAPHY

Contrast-vasoconstrictor mixtures in angiography. Kahn PC. **Amer J Roentgen** 105:772-6, Apr 69
Renal phlebography under renal venous blockade. Zanoli PG, et al. **S Afr Med J** 43:840-2, 5 Jul 69
[Clinical assessment of electrocardiographic signs of coronary insufficiency in pheochromocytoma] Slavina LS, et al. **Probl Endokr (Moskva)** 14:27-33, May-Jun 68 **(Rus)**

SECRETION

Reversed action of acetylated corticotrophin: inhibition of adreno-cortical secretion. Bulovskaya LN, et al. **Acta Endocr (Kobenhavn)** 61:193-7, Jun 69
The detection and characterization of 11-deoxycortisol (Compound S) in late pregnancy urine. Dässler CG. **Acta Endocr (Kobenhavn)** 61:198-202, Jun 69
Influence of renal nerves on the secretion of aldosterone in the rat. Kinson GA, et al. **Acta Endocr (Kobenhavn)** 61:239-47, Jun 69
Serum ornithine carbamoyl transferase activity (S-OCT) after irradiation of malignant tumours and after administration of ACTH. Brohult J. **Acta Med Scand** 185:363-8, Apr 69
Influence of ions and some other factors on the release of adrenaline by chlorpromazine from perfused bovine adrenal glands. Vapaatalo HI. **Ann Med Exp Biol Fenn** 46:217-25, 1968
Dynamic testing and modeling of adrenocortical secretory function. Urquhart J, et al. **Ann NY Acad Sci** 156:756-78, 21 Apr 69
Temporal relationships of puromycin and ACTH effects on cultured hamster adrenal glands. Andrews RV. **Comp Biochem Physiol** 30:123-8, 1 Jul 69
Fetal secretion of glucocorticoids. Jackson BT, et al. **Endocrinology** 85:875-80, Nov 69
Steroid secretion in vivo in rats bred for high and low juxtaglomerular granularity. Rapp JP. **Endocrinology** 85:909-15, Nov 69
The duration of action of the synthetic pentacosapeptide D-serine-1-norleucine-4-valinamide-25-beta-1-25-corticotrophin (DW-75) in man. Friedman M. **Experientia** 25:416-9, 15 Apr 69
Further studies of cortisol production rate. Fukushima DK, et al. **J Clin Endocr** 29:1042-5, Aug 69
Some aspects of the pharmacology of valyl-beta-(pyrazolyl-3)-L-alanyl6-angiotensin II. Hageman WE, et al. **J Pharmacol Exp Ther** 168:295-302, Aug 69
Adrenal catecholamine and cortisol secretion during extracorporeal circulation in dogs. Alexander RW, et al. **J Thorac Cardiovasc Surg** 58:250-8, Aug 69
Endocrines in cholera. Effects of cholera on the human hypothalamus-hypophysis-adrenal apparatus. Choudhury RP. **J Trop Med Hyg** 72:179-84, Aug 69
Corticosteroids and adrenal function. **JAMA** 209:1713, 15 Sep 69
Treatment of Cushing's disease. Correction of hypercortisolism by o,p'DDD without induction of aldosterone deficiency. Temple TE Jr, et al. **New Eng J Med** 281:801-5, 9 Oct 69
Medical treatment of Cushing's disease. **New Eng J Med** 281:846-7, 9 Oct 69
Adrenal response to hypophysectomy in the newborn dog. Kinsella RA Jr, et al. **Proc Soc Exp Biol Med** 131:1389-92, Sep 69
Secretion from the isolated bovine adrenal medulla. Schneider FH. **Proc West Pharmacol Soc** 12:107-9, 1969
The presence of the adult-type pattern of adrenal steroids in the one day old rat. Philpott JE, et al. **Steroids** 14:21-31, Jul 69
Adrenal microcirculation in hemorrhagic shock. Mack E, et al. **Surg Gynec Obstet** 129:511-8, Sep 69
[Role of the adrenal glands in lowering plasma renin associated with an increase in angiotensin] Menard J, et al. **C R Acad Sci [D] (Paris)** 268:2710-3, 2 Jun 69 **(Fre)**
[Secretion of corticosteroids after adrenal autografts in rats] Brudieux R, et al. **J Physiol (Paris)** 60:Suppl 2:411, 1968 **(Fre)**
[Half-life, metabolic clearance rate and rate of corticosterone secretion in rats during gestation and lactation] Kamoun A, et al. **J Physiol (Paris)** 60:Suppl 2:474, 1968 **(Fre)**
[Effect of ouabain and cyclic A.M.P. on the catecholamine output of the isolated adrenal gland] Poyart CF, et al. **J Physiol (Paris)** 60:Suppl 2:523, 1968 **(Fre)**
[Dopamine, a new product of adrenal secretion] Hempel K, et al. **Naunyn Schmiedeberg Arch Pharm** 263:222, 1969 **(Ger)**
[Experimental studies on the effect of low oxygen inhalation on adrenocortical secretion--by the retention cannula method for collecting lumbo-adrenal venous blood in the dog] Ota M. **Folia Endocr Jap** 45:284-309, 20 Jun 69 **(Jap)**
[Comparative evaluation of colpocyto-hormonal and clinico histological data in patients with uterine myoma] Lesakova AS, et al. **Akush Ginek (Moskva)** 43:41-6, Apr 67 **(Rus)**
[Dynamics of the level of adrenaline-like substances in the blood of rabbits under the chronic effect of vinylchloride vapor] Vazin AN, et al. **Gig Tr Prof Zabol** 13:46-7, Jun 69 **(Rus)**
[Distribution of fluid between the cells and the extracellular media and mineralocorticoid function of the adrenal glands in cardiac insufficiency] Sycheva IM, et al. **Kardiologiia** 9:19-25, Jun 69 **(Rus)**
[Secretion of corticosteroids by adrenal glands of guinea pigs after hypophysectomy] Iudaev NA, et al. **Probl Endokr (Moskva)** 14:61-6, Nov-Dec 68 **(Rus)**
[The effect of P,P-diethyldiphenyldichlorethane (Perthane) on the function and structure of adrenal cortex in guinea pigs] Komissarenko VP, et al. **Probl Endokr (Moskva)** 14:90-5, Jul-Aug 68 **(Rus)**
[Secretion of 11-desoxycorticosterone of the adrenal glands in rabbits] Krekhova MA. **Probl Endokr (Moskva)** 14:86-90, Jul-Aug 68 **(Rus)**
[The effect of the adrenal cortex hormones on adrenalin synthesis in the adrenal glands of chick embryos and chicks] Stabrovskiĭ EM. **Probl Endokr (Moskva)** 15:89-93, May-Jun 69 **(Rus)**
[The formation of corticosteroids in the administration of cetamiphen] Komissarenko VP, et al. **Vrach Delo** 12:5-6, Dec 67 **(Rus)**

SURGERY

Analysis of pressor response of the guinea-pig to nicotinic acid. Abdel-Aziz A, et al. **Arch Int Pharmacodyn** 177:253-60, Feb 69

TRANSPLANTATION

The fate of intracerebral adrenal grafts in the dog. Dixit SP, et al. **Arch Surg (Chicago)** 99:352-5, Sep 69
[Arterial pressure and blood flow in dog adrenals] Barac G. **C R Soc Biol (Paris)** 162:2044-9, May 69 **(Fre)**
[Regeneration of the adrenal cortex after neonatal autograft] Brudieux R. **C R Soc Biol (Paris)** 163:125-9, 1969 **(Fre)**
[Secretion of corticosteroids after adrenal autografts in rats] Brudieux R, et al. **J Physiol (Paris)** 60:Suppl 2:411, 1968 **(Fre)**
[Elimination of urinary corticosteroids by European hamster (Cricetus cricetus) adrenalectomized and bearing an intratesticular adrenal homograft] Canguilhem B, et al. **J Physiol (Paris)** 60:Suppl 2:353, 1968 **(Fre)**
[Focal medionecrosis and its relationship with arteriosclerosis] Fontaine R, et al. **Sem Hop Paris** 45:1091-111, 8 Apr 69 **(Fre)**
[Light and electron microscopic studies on preserved canine adrenal glands using retrograde perfusion] Lie TS, et al. **Z Ges Exp Med** 150:302-15, 1969 **(Ger)**

[Some aspects of the problem of transplantation of endocrine glands] Voĭtkevich AA, et al.
Probl Endokr (Moskva) 14:105-8, Nov-Dec 68 (Rus)

ADRENALECTOMY

The effect of bilateral adrenalectomy and ovariectomy on the induction of carcinoma of the mouse uterine cervix. Ashraf M, et al.
Acta Cytol (Balt) 13:347-51, Jun 69

Nuclear shape variations in the fascicular zone of the rat adrenal gland. 2. Effect of unilateral adrenalectomy with and without hypophysectomy. Ahrén C, et al.
Acta Endocr (Kobenhavn) 59:660-7, Dec 68

The metabolism of small and of large amounts of progesterone in man. Harkness RA, et al.
Acta Endocr (Kobenhavn) 60:221-36, Feb 69

Oestrogen treatment in Cushing's syndrome. Norman N, et al. **Acta Endocr (Kobenhavn) 61:320-2, Jun 69**

Biological assay of insulin by blood sugar determination in mice. Eneroth G, et al.
Acta Pharm Suec 5:591-4, Dec 68

Adrenal-renal function in water snakes Natrix cyclopion. Elizondo RS, et al.
Amer J Physiol 217:419-25, Aug 69

Effect of illumination on water intake, thirst, and urine output in the rat. Gutman Y, et al.
Amer J Physiol 217:471-4, Aug 69

Role of beta-adrenergic receptors in the circulatory response to hypoxia. Kontos HA, et al.
Amer J Physiol 217:756-63, Sep 69

Functional capacity of resistance and capacitance vessels in adrenal insufficiency. Verrier RL, et al.
Amer J Physiol 217:341-7, Aug 69

Adrenocortical and adrenomedullary factors influencing the blood pressure response to splanchnic stimulation in the rat. Ctoni C, et al.
Ann Ist Sup Sanit 4:338-40, 1968

Influence of oxytocin and growth hormone on the actions of aldosterone in the rat. Lees P, et al.
Arch Int Pharmacodyn 177:457-71, Feb 69

The fate of intracerebral adrenal grafts in the dog. Dixit SP, et al. **Arch Surg (Chicago) 99:352-5, Sep 69**

The treatment of primary breast cancer. Comments. Getzen LC. **Arch Surg (Chicago) 99:418-20, Sep 69**

The treatment of primary breast cancer. Comments. Klein R. **Arch Surg (Chicago) 99:418, Sep 69**

Effects in vivo and in vitro of nonsteroidal anti-inflammatory drugs on (rat stomach) histidine decarboxylase. Petillo JJ, et al.
Biochem Pharmacol 18:1784-8, Jul 69

Studies on the mechanism of induction of tyrosine aminotransferase in neonatal rat liver. Holt PG, et al.
Biochemistry (Wash) 8:1429-37, Apr 69

The pharmacology of fenclozic acid (2-(4-chlorophenyl)-thiazol-4-ylacetic acid; I.C.I. 54,450; 'Myalex'); a new compound with anti-inflammatory, analgesic and antipyretic activityl. Newbould BB. **Brit J Pharmacol 35:487-97, Mar 69**

Conjugation of steroid hormones by breast-cancer tissue and selection of patients for adrenalectomy. Dao TL, et al. **Brit J Surg 56:627, Aug 69**

ACTH secretion from the pituitary transplanted in apposition with the adrenal cortex under the renal capsule. Ishikawa H, et al. **Endocr Jap 16:331-49, Jun 69**

Histological changes of the contralateral adrenal cortex in acute and subacute phases of unilateral adrenalectomy in rats, with special reference to the mode of compensatory hypertrophy. Omoto T.
Endocr Jap 16:315-29, Jun 69

Studies on regenerating adrenal cortex. 2. Autoradiographic and electron microscopic observations. Seki M, et al.
Endocr Jap 16:361-77, Jun 69

Persistence of sexual behavior in ovariectomized-adrenalectomized rabbits treated with cortisol. Beyer C, et al.
Endocrinology 85:790-3, Oct 69

Endocrine influence on urinary 5-hydroxyindoleacetic acid output in the rat. Abdel-Aziz A.
Europ J Pharmacol 7:49-55, Jul 69

Relation of kidneys and adrenal glands to hypovolemic thirst. Gutman Y, et al.
Israel J Med Sci 5:411-3, May-Jun 69

Studies of plasma renin activity in patients with hypertension. Stokes GS.
Israel J Med Sci 5:598-604, Jul-Aug 69

Hormonal regulation of aminopyrine N-demethylase system in rat liver. Ichii S, et al.
J Biochem (Tokyo) 65:597-601, Apr 69

Mode of action of hypoglycemic agents. I. Inhibition of gluconeogenesis by quinaldic acid and 5-methoxyindole-2-carboxylic acid. Hanson RL, et al.
J Biol Chem 244:4351-9, 25 Aug 69

A sibship with Bartter's syndrome: failure of total adrenalectomy to correct the potassium wasting. Trygstad CW, et al. **Pediatrics 44:234-42, Aug 69**

Mechanical performance and calcium metabolism in rat isolated heart muscle after adrenalectomy. Gerlach A, et al. **Pflueger Arch 311:96-108, 1969**

Studies on the elevation of phenylethanolamine N-methyl transferase (PNMT) activity in the rat following physiologic manipulation. Ciaranello RD, et al. **Proc West Pharmacol Soc 12:25-6, 1969**

Effects of adrenalectomy on the changes in cholesterol levels in rats induced by Walterinnesia venom. Zaki OA, et al. **Toxicon 6:255-61, May 69**

Cushing's syndrome with nodular adrenal hyperplasia. Tucker HS Jr, et al.
Trans Amer Clin Climat Ass 80:37-49, 1969

Further studies on the effects of adipose tissue extracts (ATE) on the blood glucose concentrations of diabetic KK mice, adrenalectomized rats and patients with diabetes mellitus. Progress report. Antoniades HN, et al. **Vox Sang 17:68-73, Jul 69**

Influence of antiadrenergic measures on the blood catecholamine level in protracted intracranial hypertension. Eichbaum FW, et al.
Z Kreislaufforsch 58:430-9, Apr 69

[Cortisol secretion in the central type of Cushing's syndrome] Pinsker P, et al.
Cas Lek Cesk 108:1127-31, Sep 69 (Cze)

[Steroid spirolactones--antagonists of mineralocorticoids] Linèt O.
Cesk Farm 18:218-26, Jun 69 (184 ref.) (Cze)

[Effects of adrenaline on gluconoegenesis in rat liver homogenate supernatant] Wohnlich J.
Bull Soc Chim Biol (Paris) 50:1849-54, 30 Jan 69 (Fre)

[Role of the adrenal glands in lowering plasma renin associated with an increase in angiotensin] Menard J, et al.
C R Acad Sci [D] (Paris) 268:2710-3, 2 Jun 69 (Fre)

[Cytologic modifications of the pituitary and interrenal gland of the green frog, Rana esculenta L., after unilaternal adrenalectomy] Dupont W, et al.
C R Soc Biol (Paris) 163:34-7, 1969 (Fre)

[Influence of adrenalectomy on urinary excretion of various ions during ulcerogenic constraint of rats] Gairard A, et al.
C R Soc Biol (Paris) 162:1898-901, May 69 (Fre)

[New pharmacologic research on the mechanism of hypertensive action produced by intravenous potassium chloride injection in adrenalectomized dogs] Hazard R, et al.
C R Soc Biol (Paris) 162:1933-5, May 69 (Fre)

[Elimination of urinary corticosteroids by European hamster (Cricetus cricetus) adrenalectomized and bearing an intratesticular adrenal homograft] Canguilhem B, et al.
J Physiol (Paris) 60:Suppl 2:353, 1968 (Fre)

[Effects of unilateral adrenalectomy on pituitary and adrenal gland cytology in Rana esculenta L] Dupont W, et al. **J Physiol (Paris) 60:Suppl 2:435, 1968 (Fre)**

[Contribution to the study of Stilling cells in Rana esculenta L] Gaudray A, et al.
J Physiol (Paris) 60:Suppl 2:447, 1968 (Fre)

[Role of the fetal adrenal in increase of plasmatic corticosterone in rats at the end of gestation] Kamoun A, et al. **J Physiol (Paris) 60:Suppl 2:475, 1968 (Fre)**

[Phosphorylase activity of rat myocardium] Lacroix E, et al. **J Physiol (Paris) 60:Suppl 2:479, 1968 (Fre)**

[The influence of the adrenal cortex on adrenaline synthesis in the rat and rabbits fetus and neonate] Roffi J. **J Physiol (Paris) 60:455-94, Nov-Dec 68 (Fre)**

[Adrenal cortex hormones and lactic-acidemia during exposure to cold and muscular work] Zegaya M, et al.
J Physiol (Paris) 60:Suppl 2:572, 1968 (Fre)

[The use of NLA, type II, in the surgical treatment of pheochromocytoma] Simone M, et al.
Acta Anaesth (Padova) 19:Suppl 4:233+, 1968 (Ita)

[State of oxido-reduction of NAD in vivo in the adrenalectomized and medullectomized rat] Fiorentini A, et al.
Boll Soc Ital Biol Sper 44:1838-40, 15 Nov 68 (Ita)

[Current problems in the therapy of diffuse breast carcinoma] Di Pietro S.
Minerva Radiol 13:569-73, Oct 68 (Ita)

[The role of surgery in the treatment of breast cancer] Veronesi U. Minerva Radiol 13:574-80, Oct 68 (Ita)
[Extra-adrenal action of ACTH, with special reference to its effect on carbohydrate and lipid metabolism] Imura H, et al. Jap J Clin Med 27:1441-6, May 69 (Jap)
[The effect of removing the adrenals from pregnant rats on the functional state of the hypophyseo-adrenal system of their progeny during the first days of postnatal life] Kandror MI. Biull Eksp Biol Med 67:37-40, Mar 69 (Rus)
[On the surgical approach to the left adrenal gland] Iasnogorodskii Ala. Eksp Khir Anest 13:62-4, Jul-Aug 68 (Rus)
[Afferent impulsation in sympathetic nerves following adrenalectomy and corticosteroid administration] Nozdrachev AD. Fiziol Zh SSSR Sechenov 53:791-9, Jul 67 (Rus)
[On the significance of the adrenal glands in the effect of a methane-oxygen hypoxic gaseous mixture] Deinega VG. Gig Tr Prof Zabol 13:57, Mar 69 (Rus)
[The effect of epinephrectomy and administration of desoxycorticosterone on the course of experimental intestinal obstruction] Synovets AS. Klin Khir (Kiev) 2:40-2, Feb 68 (Rus)
[On the mechanism of inhibition of the inflammatory reaction in anesthesia] Sveshnikov AA, et al. Pat Fiziol Eksp Ter 11:74-6, Mar-Apr 67 (Rus)
[The effects of adrenalectomy on the sensitivity of the albino rat ovaries to chorionic gonadotropin in its simultaneous administration with estrogens, androgens and progesterone] Kharchenko SF. Probl Endokr (Moskva) 13:111-5, May-Jun 67 (Rus)
[The role of adrenal glands in the mechanism of activation of the tryptophan pyrrolase in rat liver during administration of nonspecific agents] Levin FB, et al. Probl Endokr (Moskva) 13:70-2, May-Jun 67 (Rus)
[Histological and histochemical changes of the thmus after adrenalectomy] Tarakanov EI, et al. Probl Endokr (Moskva) 15:96-100, Jan-Feb 69 (Rus)
[Dynamics of changes of gas exchange in rats at various periods after adrenalectomy] Voznesenskaia TE. Probl Endokr (Moskva) 13:72-4, May-Jun 67 (Rus)
[The activity of tryptophan pyrrolase in rat liver in health and in stress] Golotin VG, et al. Vop Med Khim 15:16-21, Jan-Feb 69 (Rus)
[Various questions concerning the genesis of Itsenko-Cushing disease] Soskin LS, et al. Vop Neirokhir 33:14-8, May-Jun 69 (Rus)
[On the effect of adrenalectomy, adrenal hormones and ACTH on the resistance of developing rats to staphylococcal exotoxin and the endotoxin of Escherichia coli] Belokrylov GA, et al. Zh Mikrobiol 45:33-7, May 68 (Rus)

ADVERSE EFFECTS

[Reflex responses in the peripheral sympathetic conductors throughout the waking hours of animal following adrenalectomy and administration of corticosteroids] Nozdrachev AD. Probl Endokr (Moskva) 14:79-83, Jul-Aug 68 (Rus)
[The effect of adrenalectomy and substitution hydrocortisone administration on some aspects of energetic metabolism of the brain] Panov AN, et al. Probl Endokr (Moskva) 14:95-8, Jul-Aug 68 (Rus)

PITUITARY-ADRENAL FUNCTION TESTS

Systemic effects of topically applied corticosteroid hormones. Herdenstam CG. Acta Dermatovener (Stockholm) 49:167-70, 1969
Simplified dexamethasone suppression test. Asfeldt VH. Acta Endocr (Kobenhavn) 61:219-31, Jun 69
Diagnosis of Cushing's syndrome. The differentiation between adrenocortical hyperplasia and adrenocrotical adenoma by means of lysine-vasopressin. Bethge H, et al. Acta Endocr (Kobenhavn) 60:47-59, Jan 69
Corticosteroids in human blood. 3. Free and conjugated 17-hydroxycorticosteroids in healthy people and patients with Cushing's syndrome, before and after administration of corticotrophin. Kornel L. Acta Endocr (Kobenhavn) 60:13-35, Jan 69
The simultaneous fluorimetric determination of corticosterone and cortisol in human plasma. Sasaki H, et al. Acta Med Biol (Niigata) 17:65-83, Jun 69
Clinical alcohol hypoglycemia and isolated adrenocorticotrophic hormone deficiency. Steer P, et al. Ann Intern Med 71:343-8, Aug 69
Hyperresponsiveness to metyrapone. Sabeh G, et al. Exp Med Surg 25:218-28, 1967
Evaluation of metopiron and ACTH tests in prolonged corticosteroid treatment of chronic asthma. Lass N, et al. Int Arch Allerg 36:180-5, 1969
The diagnosis of hypercortisolism. Biochemical criteria differentiating patients from lean and obese normal subjects and from females on oral contraceptives. Streeten DH, et al. J Clin Endocr 29:1191-211, Sep 69
Cushing's syndrome in infancy. Loridan L, et al. J Pediat 75:349-59, Sep 69
The metabolic and endocrine response to acute medical stress. Nabarro JD. Proc Roy Soc Med 62:351-5, Apr 69
"In vitro" studies of circadian rhythms in hypothalamic-pituitary-adrenal systems. Ungar F. Rass Neurol Veg 21:57-70, 30 Apr 67
The adrenal cortex and the pregnant diabetic. Notelovitz M. S Afr Med J 43:975-8, 9 Aug 69
Failure to diagnose Addison's disease and value of tetracosactrin (Synacthen) stimulation test. Feiwel M. Trans St John Hosp Derm Soc 55:74-7, 1969
[The maternal adrenals in molar pregnancy] Houtzager HL, et al. Nederl T Geneesk 113:1272-4, 19 Jul 69 (Dut)
[Prescription of corticotherapy on alternate days for long periods] Akoun G, et al. Sem Hop Paris 44:3141-9, 8 Dec 68 (Fre)
[On the Synacthen screening test] Weber C. Praxis 58:861-7, 8 Jul 69 (Ger)
[Peptic ulcer and adrenal cortex function: new aspects of an old problem] Cagnoni M, et al. Arch Ital Mal Appar Dig 35:232-46, 1968 (Ita)
[The hypophyseal-adrenal system in patients with asthma and silicosis. II. Effects of treatment with synthetic corticosteroids] Carosi L, et al. Folia Med (Napoli) 51:955-63, 12 Dec 68 (Ita)
[Cortisole production in senile diabetes] Papa C, et al. G Geront 15:1427-34, Dec 67 (Ita)
[Clinical observation on urinary free 11-OHCS] Kawai A, et al. Clin Endocr (Tokyo) 17:437-40, May 69 (Jap)
[Tonsillectomies in the patients under adrenal cortical hormone treatments] Sasaki H, et al. Otolaryngology (Tokyo) 41:233-8, Apr 69 (Jap)
[A special method of examining patients with arterial hypertension] Ratner GL, et al. Kardiologiia 8:120-5, Sep 68 (Rus)
[Method for separative determination of hydrocortisone and corticosterone in small volumes of plasma] Botvin'ev OK, et al. Lab Delo 6:341-4, 1969 (Rus)
[Clinical use of the method of separative determination of the content of protein-bound and free forms of 11-hydroxycorticosteroids in the plasma in some pathologic conditions] Buniatian AF. Lab Delo 6:337-40, 1969 (Rus)
[Evaluation of some indices of the functional condition of adrenal cortex in liver function disorders] Geller LI, et al. Lab Delo 8:456-7, 1968 (Rus)
[Use of the Fortherby method for determination of dehydroepiandrosterone in urine in the obstetric clinic] Orlova VG. Lab Delo 6:348-50, 1969 (Rus)
[Status of hypophyseal-adrenal system in gastric ulcer] Mosin VI. Vrach Delo 2:123-4, Feb 67 (Rus)

VETERINARY

Rapid fluorometric analysis of plasma corticosteroids as a test of adrenocortical function in the dog. Breznock EM, et al. Amer J Vet Res 30:1523-33, Sep 69

II. Disorders of the Adrenal Glands

ADDISON'S DISEASE

[Special studies on endocrine diseases--Addison's disease] Motohashi K.
Clin Endocr (Tokyo) 17:539-41, Jun 69 (16 ref.) (Jap)

BLOOD

[On serum ACTH] Imura H, et al.
Jap J Clin Med 27:1407-21, May 69 (61 ref.) (Jap)
[Clinical use of the method of separative determination of the content of protein-bound and free forms of 11-hydroxycorticosteroids in the plasma in some pathologic conditions] Buniatian AF.
Lab Delo 6:337-40, 1969 (Rus)

COMPLICATIONS

Addison's disease and diffuse cerebral sclerosis. Gray AM. J Neurol Neurosurg Psychiat 32:344-7, Aug 69
[New endocrine disorders attracting current interest--adrenal system] Miura K, et al.
Clin Endocr (Tokyo) 17:407-21, May 69 (130 ref.) (Jap)
[Case suspected to be the early stage of Schmidt's syndrome] Jap J Clin Med 27:645-60, Mar 69 (Jap)
[Peculiarities of the treatment of Addison's disease associated with tuberculous spondylitis] Pridatkevich AV.
Probl Endokr (Moskva) 15:65-7, May-Jun 69 (Rus)

DIAGNOSIS

Addison's disease and diffuse cerebral sclerosis. Gray AM. J Neurol Neurosurg Psychiat 32:344-7, Aug 69
Failure to diagnose Addison's disease and value of tetracosactrin (Synacthen) stimulation test. Feiwel M. Trans St John Hosp Derm Soc 55:74-7, 1969
Addison's disease, fever, hepatosplenomegaly, and pleuropericardial effusions.
Virginia Med Monthly 96:321-30, Jun 69
["Non-disease"] Louhija A.
Duodecim 85:469-70, 1969 (Fin)
[Special studies on endocrine diseases--Addison's disease] Motohashi K.
Clin Endocr (Tokyo) 17:539-41, Jun 69 (16 ref.) (Jap)

DRUG THERAPY

[Addison disease and mineralotropic function evaluated in 10 patients by static and dynamic determinations of the urinary tetrahydroaldosterone] Schaison G, et al.
Rev Franc Endocr Clin 10:221-31, May-Jun 69 (Fre)
[Special studies on endocrine diseases--Addison's disease] Motohashi K.
Clin Endocr (Tokyo) 17:539-41, Jun 69 (16 ref.) (Jap)
[Observation on long-term treatment of 5 cases of Addison's disease] Sugimoto T, et al.
Clin Endocr (Tokyo) 17:531-6, Jun 69 (Jap)
[Use of desoxycorticosterone in hypotensive conditions] Vasil'eva AG, et al.
Vrach Delo 2:149-50, Feb 67 (Rus)

ETIOLOGY

[The so-called cytotoxic adrenal gland atrophy] Rüppell V, et al. Med Welt 24:1397-402, 14 Jun 69 (Ger)
[Special studies on endocrine diseases--Addison's disease] Motohashi K.
Clin Endocr (Tokyo) 17:539-41, Jun 69 (16 ref.) (Jap)

FAMILIAL & GENETIC

Genetic aspects of autoimmunity. Fialkow PJ.
Progr Med Genet 6:117-67, 1969 (219 ref.)

IMMUNOLOGY

Organ-specific antibodies in idiopathic panhypopituitarism, primary thyroid and adrenal insufficiency. Nerup J, et al.
Acta Med Scand 185:293-6, Apr 69

METABOLISM

[Addison disease and mineralotropic function evaluated in 10 patients by static and dynamic determinations of the urinary tetrahydroaldosterone] Schaison G, et al.
Rev Franc Endocr Clin 10:221-31, May-Jun 69 (Fre)

PATHOLOGY

Addison's disease, fever, hepatosplenomegaly, and pleuropericardial effusions.
Virginia Med Monthly 96:321-30, Jun 69
[The so-called cytotoxic adrenal gland atrophy] Rüppell V, et al. Med Welt 24:1397-402, 14 Jun 69 (Ger)
[Special studies on endocrine diseases--Addison's disease] Motohashi K.
Clin Endocr (Tokyo) 17:539-41, Jun 69 (16 ref.) (Jap)

PHYSIOPATHOLOGY

[Addison disease and mineralotropic function evaluated in 10 patients by static and dynamic determinations of the urinary tetrahydroaldosterone] Schaison G, et al.
Rev Franc Endocr Clin 10:221-31, May-Jun 69 (Fre)
[Role of hormones in magnesium metabolism] Biahos J.
Sem Hop Paris 45:1895-900, 8 Jun 69 (71 ref.) (Fre)
[Assessment of the contractile capacity of the myocardium in Addison's disease] Gincherman LE.
Probl Endokr (Moskva) 14:48-52, Jul-Aug 68 (Rus)
[Compensatory mechanisms of hemodynamics and contractile capacity of the myocardium in Addison's disease] Sokol AE.
Probl Endokr (Moskva) 14:20-4, May-Jun 68 (Rus)

ADENOMA, VIRILIZING

RADIOGRAPHY

Epinephro-phlebography of benign tumours. Mikaelsson CG.
Acta Radiol [Diagn] (Stockholm) 8:129-45, Mar 69

ADRENAL GLAND DISEASES

A sibship with Bartter's syndrome: failure of total adrenalectomy to correct the potassium wasting. Trygstad CW, et al. Pediatrics 44:234-42, Aug 69
[New endocrine disorders attracting current interest--adrenal system] Miura K, et al.
Clin Endocr (Tokyo) 17:407-21, May 69 (130 ref.) (Jap)

BLOOD

Cushing's syndrome with nodular adrenal hyperplasia. Tucker HS Jr, et al.
Trans Amer Clin Climat Ass 80:37-49, 1969
[Problems raised by fluorometric determination of plasma cortisol in congenital hyperplasia of adrenal glands] Pham-Huu-Trung, et al.
Path Biol (Paris) 17:487-91, May 69 (Fre)

CHEMICALLY INDUCED

Prevention by spironolactone of 7,12-dimethylbenz(a)anthracene-induced adrenal necrosis. Kovacs K, et al.
Proc Soc Exp Biol Med 131:1350-2, Sep 69
[Experimental adrenocortical hemorrhage in anticoagulated rats induced by stimulating the adrenal cortex] Haller RM.
Virchow Arch [Path Anat] 346:204-11, 1969 (Ger)

COMPLICATIONS

Congenital lipoid hyperplasia of the fetal adrenal gland. Moragas A, et al. Helv Paediat Acta 24:226-38, Apr 69
Renin content of kidneys in various types of experimental hypertension in rats. Masuyama Y, et al. Israel J Med Sci 5:594-7, Jul-Aug 69
Cushing's syndrome with nodular adrenal hyperplasia. Tucker HS Jr, et al. Trans Amer Clin Climat Ass 80:37-49, 1969
[Management of excessive growth in body height] Rappaport R. Ann Pediat (Paris) 14:530-1, Jun-Jul 67 (Fre)
[The so-called cytotoxic adrenal gland atrophy] Rüppell V, et al. Med Welt 24:1397-402, 14 Jun 69 (Ger)
[Bartter's syndrome--case report and literature review] Kono T, et al. Jap J Clin Med 27:1179-201, Apr 69 (Jap)
[Dyshormonism of the adrenal glands in gastroduodenal ulcer] Russu G, et al. Rev Medicochir Iasi 73:53-9, Jan-Mar 69 (Rum)

CONGENITAL

An unusually high incidence of salt-losing congenital adrenal hyperplasia in the Alaskan Eskimo. Hirschfeld AJ, et al. J Pediat 75:492-4, Sep 69
[Problems raised by fluorometric determination of plasma cortisol in congenital hyperplasia of adrenal glands] Pham-Huu-Trung, et al. Path Biol (Paris) 17:487-91, May 69 (Fre)

DIAGNOSIS

Congenital lipoid hyperplasia of the fetal adrenal gland. Moragas A, et al. Helv Paediat Acta 24:226-38, Apr 69
Addison's disease, fever, hepatosplenomegaly, and pleuropericardial effusions. Virginia Med Monthly 96:321-30, Jun 69
Diagnosis and surgery of two adrenal masses. Hauschild WA. Wisconsin Med J 68:250-2, Aug 69
[The present position of laparoscopy in gynecology] Frangenheim H. Arch Gynaek 207:240-50, 1969 (Ger)
[Inborn errors of hormone synthesis] Imura H, et al. Saishin Igaku 24:1176-86, Jun 69 (65 ref.) (Jap)
[Infusion urography in the diagnosis of changes of the adrenal glands] Bukhman AI. Probl Endokr (Moskva) 15:48-52, Mar-Apr 69 (Rus)
[Morphological bases of angiography of pathologically changed adrenal glands] Rudenko MG. Probl Endokr (Moskva) 14:54-9, May-Jun 68 (Rus)

DRUG THERAPY

Spironolactone and steroid assay. Lurie AO. Lancet 2:326, 9 Aug 69
[Relative inefficiency of antidiuretic hormone in patients deficient in cortisol due to a 21-hydroxylation disorder] Boulangé M, et al. J Physiol (Paris) 60:Suppl 2:352, 1968 (Fre)
[Use of desoxycorticosterone in hypotensive conditions] Vasil'eva AG, et al. Vrach Delo 2:149-50, Feb 67 (Rus)

ETIOLOGY

The physiologic effects of restricted activity in the rat: stress effects of chronic restraint. Pfeiffer CJ. Exp Med Surg 25:201-17, 1967

FAMILIAL & GENETIC

A sibship with Bartter's syndrome: failure of total adrenalectomy to correct the potassium wasting. Trygstad CW, et al. Pediatrics 44:234-42, Aug 69

METABOLISM

[Relative inefficiency of antidiuretic hormone in patients deficient in cortisol due to a 21-hydroxylation disorder] Boulangé M, et al. J Physiol (Paris) 60:Suppl 2:352, 1968 (Fre)

PATHOLOGY

Histological changes of the contralateral adrenal cortex in acute and subacute phases of unilateral adrenalectomy in rats, with special reference to the mode of compensatory hypertrophy. Omoto T. Endocr Jap 16:315-29, Jun 69
Atrophy and hyperplasia in the adrenal medulla. Jayne EP. Geriatrics 24:115-9, Sep 69
Congenital lipoid hyperplasia of the fetal adrenal gland. Moragas A, et al. Helv Paediat Acta 24:226-38, Apr 69
Addison's disease, fever, hepatosplenomegaly, and pleuropericardial effusions. Virginia Med Monthly 96:321-30, Jun 69
[The so-called cytotoxic adrenal gland atrophy] Rüppell V, et al. Med Welt 24:1397-402, 14 Jun 69 (Ger)
[On the pathology of the adrenal gland] Propst A. Wien Klin Wschr 81:481-5, 27 Jun 69 (Ger)

PREVENTION & CONTROL

Prevention by spironolactone of 7,12-dimethylbenz(a)anthracene-induced adrenal necrosis. Kovacs K, et al. Proc Soc Exp Biol Med 131:1350-2, Sep 69

RADIOGRAPHY

Cushing's syndrome with nodular adrenal hyperplasia. Tucker HS Jr, et al. Trans Amer Clin Climat Ass 80:37-49, 1969
[The valuve of catheterization and phlebography of the left renal vein] Zanoli PG, et al. Arch Ital Chir 94:681-9, 1968 (Ita)
[Diagnostic possibilities of transfemoral aortography] Vidal B, et al. Cardiol Prat 18:39-51, Dec 67 (Ita)
[Adrenal glands cysts. Clinical and radiologic considerations and anatomo-histological findings in a case of lymphatic cyst of the adrenal glands] Felia B, et al. Nunt Radiol 34:435-54, May 68 (Ita)

SURGERY

Diagnosis and surgery of two adrenal masses. Hauschild WA. Wisconsin Med J 68:250-2, Aug 69

URINE

Recent studies on androgenic function in human subjects. Ismail AA, et al. J Obstet Gynaec Brit Comm 75:929-40, Sep 68 (78 ref.)
[Simple method for the determination of androstenolone in urine] Kakushkina EA, et al. Lab Delo 8:460-4, 1967 (Rus)
[On the method of determination of pregnanetriol] Pripva VG. Lab Delo 6:351-3, 1969 (Rus)

VETERINARY

Serum potassium levels and adrenal hypertrophy in rats, (Rattus norwegicus), infected by Trypansoma lewisi. Woldow N. Wildlife Dis 5:297-301, Jul 69

ADRENAL GLAND HYPERFUNCTION

COMPLICATIONS

Radioimmunoassayable ACTH in dexamethasone nonsuppressible Cushing's syndrome. Rayyis SS, et al. J Clin Endocr 29:1231-7, Sep 69
[Considerations of the advent and evolution of climacteric during Cushing's disease and secondary hypercorticism] Augustin M, et al. Rev Franc Endocr Clin 10:99-108, Mar-Apr 69 (Fre)
[Comparative evaluation of colpocyto-hormonal and clinico histological data in patients with uterine myoma] Lesakova AS, et al. Akush Ginek (Moskva) 43:41-6, Apr 67 (Rus)
[On the problem of the interrelation of the principal hemodynamic indices of the greater and lesser circulation in mitral stenosis] Amosov NM, et al. Kardiologiia 9:87-92, Feb 69 (Rus)

CONGENITAL

Androgen metabolism in congenital adrenal hyperplasia due to 11 beta-hydroxylase deficiency. Frasier SD, et al. Pediatrics 44:201-8, Aug 69

DIAGNOSIS

The diagnosis of hypercortisolism. Biochemical criteria differentiating patients from lean and obese normal subjects and from females on oral contraceptives. Streeten DH, et al. J Clin Endocr 29:1191-211, Sep 69
[A special method of examining patients with arterial

hypertension] Ratner GL, et al.
Kardiologiia 8:120-5, Sep 68 (Rus)

DRUG THERAPY

Effect of aminogluthethymide on urinary excretion of corticotropin and adrenal hormones. Hartwig W, et al.
Pol Med J 8:529-39, 1969

ETIOLOGY

Testicular maturation in adrenal hyperfunction. Coutinho JS de, et al.
Arq Brasil Endocr 16:173-81, Dec 67

METABOLISM

Androgen metabolism in congenital adrenal hyperplasia due to 11 beta-hydroxylase deficiency. Frasier SD, et al. Pediatrics 44:201-8, Aug 69
[Advances and problems in the determination of parathyroid hormone and thyrocalcitonin] Orimo H.
Clin Endocr (Tokyo) 17:325-41, Apr 69 (70 ref.) (Jap)

PHYSIOPATHOLOGY

Effect of endocrines on central nervous system. I. Relkin R.
New York J Med 69:2133-45, 1 Aug 69 (109 ref.)

PREVENTION & CONTROL

[Prescription of corticotherapy on alternate days for long periods] Akoun G, et al.
Sem Hop Paris 44:3141-9, 8 Dec 68 (Fre)

RADIOGRAPHY

[Morphological bases of angiography of pathologically changed adrenal glands] Rudenko MG.
Probl Endokr (Moskva) 14:54-9, May-Jun 68 (Rus)

RADIOTHERAPY

[Symposium: Epidemiology of leukemia in Japan. Etiologic role of ionizing radiation on the development of leukemia: clinical and statistical studies on leukemia in patients treated with radioiodine and in atomic bomb survivors] Hoshino T.
Acta Haemat Jap 31:825-31, Oct 68 (Jap)

ADRENAL GLAND HYPOFUNCTION

BLOOD

[Clinical use of the method of separative determination of the content of protein-bound and free forms of 11-hydroxycorticosteroids in the plasma in some pathologic conditions] Buniatian AF.
Lab Delo 6:337-40, 1969 (Rus)

CHEMICALLY INDUCED

[Prescription of corticotherapy on alternate days for long periods] Akoun G, et al.
Sem Hop Paris 44:3141-9, 8 Dec 68 (Fre)

COMPLICATIONS

[Critical morpho-clinical and evolutive study of 16 cases of hemorrhagic rectocolitis] Popescu N, et al.
Med Intern (Bucur) 21:449-58, Apr 69 (Rum)
[Intrathoracic surgery in a patient with adrenal insufficiency] Syrnikov NG, et al.
Grudn Khir 9:109, Sep-Oct 67 (Rus)

DIAGNOSIS

[On the Synacthen screening test] Weber C.
Praxis 58:861-7, 8 Jul 69 (Ger)
[An electric gustometer and its use] Weber H.
Z Med Labortechn 9:296-302, 1968 (Ger)

DRUG THERAPY

[Pediatric guiding principles. 20. Electrolytes] Schmalz H, et al.
Z Aerztl Fortbild (Jena) 63:478-86, 1 May 69 (Ger)

METABOLISM

[Advances and problems in the determination of parathyroid hormone and thyrocalcitonin] Orimo H.
Clin Endocr (Tokyo) 17:325-41, Apr 69 (70 ref.) (Jap)

PHYSIOPATHOLOGY

Natriuretic activity of 16-alpha-hydroxyprogesterone in man. Jacobs DR.
Acta Endocr (Kobenhavn) 61:275-82, Jun 69
Effect of endocrines on central nervous system. I. Relkin R.
New York J Med 69:2133-45, 1 Aug 69 (109 ref.)

ADRENAL GLAND NEOPLASMS

Multiple metastasizing sweat gland carcinomas. Damsgaard-Sorensen P, et al.
Acta Dermatovener (Stockholm) 49:314-8, 1969
The active transport of cortisol by mouse fibroblasts growing in vitro. Gross SR, et al.
Proc West Pharmacol Soc 12:54-8, 1969
[Androgenic tumors of the adrenal cortex] Guinet P, et al. Maroc Med 47:296-305, Apr 67 (Fre)
[Retroperitoneal ganglioneuroma in a newborn infant] D'Elia R, et al.
Acta Chir Ital 23:675-81, Nov-Dec 67 (Ita)
[New endocrine disorders attracting current interest--adrenal system] Miura K, et al.
Clin Endocr (Tokyo) 17:407-21, May 69 (130 ref.) (Jap)

BLOOD

[Pheochromocytoma with unusual cardiac arrhythmias and their treatment with alpha-and beta-receptor-blocking agents] Bucher HW, et al.
Schweiz Med Wschr 99:956-60, 28 Jun 69 (Ger)

COMPLICATIONS

Hypertension in pregnancy: toxemia or pheochromocytoma? Hendee AE, et al.
Amer J Obstet Gynec 105:64-72, 1 Sep 69
Testicular maturation in adrenal hyperfunction. Coutinho JS de, et al.
Arq Brasil Endocr 16:173-81, Dec 67
Primary aldosteronism. A study of carbohydrate tolerance and the juxtaglomerular apparatus. Haddock L, et al. Bol Asoc Med P Rico 59:435-44, Oct 67
Reversible malignant hypertension due to pheochromocytoma. A case report. Verma NP, et al.
Indian J Med Sci 23:311-3, Jun 69
Cushing's syndrome in infancy. Loridan L, et al.
J Pediat 75:349-59, Sep 69
Adrenal "tumors" and benign hypertension. Tchertkoff V, et al.
New York J Med 69:2319-22, 1 Sep 69
[Arterial hypertension and hypokalemia. Diagnostic and therapeutic considerations] Campanacci D, et al.
Cah Coll Med Hop Paris 8:529-38, 15 Jun 67 (Fre)
[Pheochromocytoma with unusual cardiac arrhythmias and their treatment with alpha-and beta-receptor-blocking agents] Bucher HW, et al.
Schweiz Med Wschr 99:956-60, 28 Jun 69 (Ger)
[Aspect of hormones and hypertension] Torikai T.
J Jap Soc Intern Med 58:579-92, 10 Jul 69 (29 ref.) (Jap)
[A clinical study of primary aldosteronism with surgical aspects. I] Watanabe H.
Jap J Urol 60:541-54, Jun 69 (Jap)
[Cushing's syndrome caused by giant adrenal cortex tumor] Sasano N, et al. Shujutsu 23:780-6, Jun 69 (Jap)
[Significance of abdominal aortography in the diagnosis of symptomatic hypertension of extrarenal origin] Rabkin IKh, et al.
Kardiologiia 9:83-8, May 69 (Rus)
[Changes of the blood coagulation system, hemorrhages and thromboses in Itsenko-Cushing disease and corticosterom] Parkhimovich RM.
Probl Endokr (Moskva) 15:43-7, Mar-Apr 69 (Rus)
[Various questions concerning the genesis of Itsenko-Cushing disease] Soskin LS, et al.
Vop Neirokhir 33:14-8, May-Jun 69 (Rus)

DIAGNOSIS

Diagnosis of Cushing's syndrome. The differentiation between adrenocortical hyperplasia and adrenocrotical adenoma by means of

lysine-vasopressin. Bethge H, et al.
Acta Endocr (Kobenhavn) 60:47-59, Jan 69
Hypertension in pregnancy: toxemia or pheochromocytoma? Hendee AE, et al.
Amer J Obstet Gynec 105:64-72, 1 Sep 69
Hypertension. 2. Investigation of the hypertensive patient. Baltz T, et al. Appl Ther 11:204-7, Apr 69
Principles in the diagnosis of pheochromocytoma. Engelman K. Bull NY Acad Med 45:851-8, Sep 69
Catecholamine-secreting paraganglioma of glomus-jugulare region resembling pheochromocytoma. Levit SA, et al.
New Eng J Med 281:805-11, 9 Oct 69
[Androgenic tumors of the adrenal cortex] Guinet P, et al. Maroc Med 47:296-305, Apr 67 (Fre)
[Which diagnosis would you make?]
Med Klin 64:1365 passim, 25 Jul 69 (Ger)
[Preoperatively diagnosed case of pheochromocytoma] Kondo A, et al.
Jap J Clin Med 27:1499-505, May 69 (Jap)
[Corticosterone-secreting adrenocortical tumor] Kono T. Jap J Clin Med 27:1508-9, May 69 (Jap)

DRUG THERAPY

A case of adrenocortical cancer treated with O,P'-DDD. Sakauchi N, et al. Endocr Jap 16:287-90, Apr 69

ETIOLOGY

[Androgenic tumors of the adrenal cortex] Guinet P, et al. Maroc Med 47:296-305, Apr 67 (Fre)

METABOLISM

Steroid excretion and biosynthesis, with special reference to androst-16-enes, in a woman with a virilising adrenocortical carcinoma. Gower DB, et al.
Acta Endocr (Kobenhavn) 60:265-75, Feb 69
Pheochromocytoma and insulin. Colwell JA.
Ann Intern Med 71:668-9, Sep 69
A comparative study of steroid biosyntheses in vitro. In clear cell adenoma and its adjacent tissue of human adrenal gland. Tamaoki BI.
Endocr Jap 16:47-54, Feb 69
A time study of the in vitro metabolism of 3 beta-hydroxyandrost-5-en-17-one by human adrenocortical tissue. Neville AM, et al.
Steroids 14:97-117, Aug 69
Metabolic events associated with steroid biosynthesis in adrenal tissue cultures. Kowal J.
Trans NY Acad Sci 31:359-78, Apr 69
[Synthesis in vitro of 18-hydroxycorticosterone and aldosterone by 3 adenomas of the adrenal glomerula zone (Conn's syndrome) I. Conversion output] Legrand JC, et al.
Bull Soc Chim Biol (Paris) 51:307-20, 26 Jun 69 (Fre)
[Synthesis in vitro of 18 hydroxycorticosterone and aldosterone by 3 adenomas of the adrenal glomerula zone (conn's syndrome) II. Metabolic routes] Zogbi F, et al.
Bull Soc Chim Biol (Paris) 51:321-6, 26 Jun 69 (Fre)
[Corticosterone-secreting adrenocortical tumor] Kono T. Jap J Clin Med 27:1508-9, May 69 (Jap)

PATHOLOGY

Testicular maturation in adrenal hyperfunction. Coutinho JS de, et al.
Arq Brasil Endocr 16:173-81, Dec 67
Von Hippel-Lindau's disease: a report of five cases. Rho YM. Canad Med Ass J 101:135-42, 9 Aug 69
Sympathicogonioma. Mansukhani SH.
J Indian Med Ass 52:77-80, 16 Jan 69
Metastatic adrenal gland carcinomatosis. Case reports. Meyer JS, et al. Missouri Med 66:734-9, Sep 69
Adrenal "tumors" and benign hypertension. Tchertkoff V, et al.
New York J Med 69:2319-22, 1 Sep 69
An electron microscopic study of the human adrenal medulla and pheochromocytoma. Yokoyama M, et al.
Urol Int 24:79-95, 1969
[Adrenal cortex carcinomas] Heger N, et al.
Med Welt 25:1531-6, 22 Jun 68 (Ger)
[On the pathology of the adrenal gland] Propst A.
Wien Klin Wschr 81:481-5, 27 Jun 69 (Ger)

PHYSIOPATHOLOGY

[Androgenic tumors of the adrenal cortex] Guinet P, et al. Maroc Med 47:296-305, Apr 67 (Fre)
[On the pathology of the adrenal gland] Propst A.
Wien Klin Wschr 81:481-5, 27 Jun 69 (Ger)
[Contractible capacity of the myocardium in corticosteroma] Kilinskii EL, et al.
Probl Endokr (Moskva) 15:40-2, Mar-Apr 69 (Rus)
[Clinical assessment of electrocardiographic signs of coronary insufficiency in pheochromocytoma] Slavina LS, et al.
Probl Endokr (Moskva) 14:27-33, May-Jun 68 (Rus)

RADIOGRAPHY

Epinephro-phlebography of benign tumours. Mikaelsson CG.
Acta Radiol [Diagn] (Stockholm) 8:129-45, Mar 69

RADIOTHERAPY

[Symposium: Epidemiology of leukemia in Japan. Etiologic role of ionizing radiation on the development of leukemia: clinical and statistical studies on leukemia in patients treated with radioiodine and in atomic bomb survivors] Hoshino T.
Acta Haemat Jap 31:825-31, Oct 68 (Jap)

SURGERY

[Pheochromocytoma with unusual cardiac arrhythmias and their treatment with alpha-and beta-receptor-blocking agents] Bucher HW, et al.
Schweiz Med Wschr 99:956-60, 28 Jun 69 (Ger)
[Preoperatively diagnosed case of pheochromocytoma] Kondo A, et al.
Jap J Clin Med 27:1499-505, May 69 (Jap)
[A clinical study of primary aldosteronism with surgical aspects. I] Watanabe H.
Jap J Urol 60:541-54, Jun 69 (Jap)
[A case of pheochromocytoma operated on in emergency under neuroleptoanalgesia type II (NLA II)] Kaniak J, et al.
Pol Tyg Lek 24:802-3, 21 Apr 69 (Pol)

URINE

Steroid excretion and biosynthesis, with special reference to androst-16-enes, in a woman with a virilising adrenocortical carcinoma. Gower DB, et al.
Acta Endocr (Kobenhavn) 60:265-75, Feb 69
Testing in hypertension. Mendlowitz M, et al.
Israel J Med Sci 5:605-7, Jul-Aug 69
Effect of adrenocorticotropin on desoxycorticosterone, corticosterone and aldosterone excretion. Biglieri EG, et al.
J Clin Endocr 29:1090-101, Aug 69
Recent studies on androgenic function in human subjects. Ismail AA, et al.
J Obstet Gynaec Brit Comm 75:929-40, Sep 68 (78 ref.)
[Androgenic tumors of the adrenal cortex] Guinet P, et al. Maroc Med 47:296-305, Apr 67 (Fre)
[Simple method for the determination of androstenolone in urine] Kakushkina EA, et al.
Lab Delo 8:460-4, 1967 (Rus)
[On the method of determination of pregnanetriol] Pripva VG. Lab Delo 6:351-3, 1969 (Rus)
[Malignant tumor of the adrenal cortex in man with increased estrogen and glucocorticoid activity] Butrova SA, et al.
Probl Endokr (Moskva) 14:48-9, May-Jun 68 (Rus)

VETERINARY

[Multiple Ewing sarcoma in a dog] Rudolph R, et al.
Zbl Veterinaermed [A] 16:426-37, Jul 69 (Ger)

ADRENAL GLANDS

INJURIES

[Kidney rupture caused by birth injury in newborn infants] Payer J, et al. Urol Int 24:58-65, 1969 (Ger)

ADRENOGENITAL SYNDROME

[The genetics of sterility] Gedda L.
Acta Genet Med Gemellol (Roma) 17:543-76, Oct 68 (Ita)

[Pregnancy and labor in congenital adrenogenital syndrome] Golubeva IV, et al.
Probl Endokr (Moskva) 14:24-7, May-Jun 68 (Rus)

COMPLICATIONS

[Therapeutic complications in a case of adrenogenital syndrome with electrolyte imbalance] Spičáková V, et al. **Cas Lek Cesk 106:689-93, 23 Jun 67 (Cze)**
[On a case of congenital adrenal hyperplasia with hypertension] Ronconi G.
Fracastoro 60:661-6, Nov-Dec 67 (Ita)

DIAGNOSIS

Congenital lipoid hyperplasia of the fetal adrenal gland. Moragas A, et al. **Helv Paediat Acta 24:226-38, Apr 69**
[Diagnosis and therapeutic results in cases of hirsutism in women] Szamatowicz M.
Ginek Pol 40:659-67, Jun 69 (Pol)
[Study of cortisol precursors(21-deoxysteroids and 17-ketosteroids) in the congenital adrenocongenital syndrome] Aznar Reig A, et al.
Rev Clin Esp 111:365-74, 30 Nov 68 (Spa)

DRUG THERAPY

Medical treatment of Cushing's disease.
New Eng J Med 281:846-7, 9 Oct 69
[Endocrinologic research] Bettendorf G.
Arch Gynaek 207:383-9, 1969 (Ger)
[Pregnancy and labor in congenital adrenogenital syndrome] Golubeva IV, et al.
Probl Endokr (Moskva) 14:24-7, May-Jun 68 (Rus)

ENZYMOLOGY

[Clinical picture of the adrenogenital syndrome with enzymatic block of 11-hydoxylase in 2 brothers] Smolik R, et al.
Pol Arch Med Wewnet 42:937-41, Jun 69 (Pol)

ETIOLOGY

[Androgenic tumors of the adrenal cortex] Guinet P, et al. **Maroc Med 47:296-305, Apr 67 (Fre)**

FAMILIAL & GENETIC

Inherited pericentric inversion of chromosome number two: a linkage study. Weitkamp LR, et al.
Ann Hum Genet 33:53-9, Jul 69
Abnormal sex chromatin pattern in cryptorchidism, girls with short stature and other endocrine patients. Bergadá C, et al. **Helv Paediat Acta 24:372-7, Aug 69**
Hereditary factors in obstetrics and gynecology. Simpson JL, et al.
Obstet Gynec Survey 24:580-601, Jul 69 (162 ref.)
[Inborn errors of hormone synthesis] Imura H, et al.
Saishin Igaku 24:1176-86, Jun 69 (65 ref.) (Jap)
[Clinical picture of the adrenogenital syndrome with enzymatic block of 11-hydoxylase in 2 brothers] Smolik R, et al.
Pol Arch Med Wewnet 42:937-41, Jun 69 (Pol)

METABOLISM

Development of endocrine function in the human placenta and fetus (second of two parts). Villee DB.
New Eng J Med 281:533-41, 4 Sep 69 (63 ref.)
Androgen metabolism in congenital adrenal hyperplasia due to 11 beta-hydroxylase deficiency. Frasier SD, et al. **Pediatrics 44:201-8, Aug 69**

OCCURRENCE

An unusually high incidence of salt-losing congenital adrenal hyperplasia in the Alaskan Eskimo. Hirschfeld AJ, et al. **J Pediat 75:492-4, Sep 69**

PHYSIOPATHOLOGY

[On the pathology of the adrenal gland] Propst A.
Wien Klin Wschr 81:481-5, 27 Jun 69 (Ger)

SURGERY

Recent advances in pediatric surgery. Hendren WH, et al. **Amer J Surg 118:338-55, Sep 69 (118 ref.)**

URINE

[Use of the Fortherby method for determination of dehydroepiandrosterone in urine in the obstetric clinic] Orlova VG. **Lab Delo 6:348-50, 1969 (Rus)**
[On the method of determination of pregnanetriol] Pripva VG. **Lab Delo 6:351-3, 1969 (Rus)**

CUSHING'S SYNDROME

Cushing's syndrome in infancy. Loridan L, et al.
J Pediat 75:349-59, Sep 69

BLOOD

Corticosteroids in human blood. 3. Free and conjugated 17-hydroxycorticosteroids in healthy people and patients with Cushing's syndrome, before and after administration of corticotrophin. Kornel L.
Acta Endocr (Kobenhavn) 60:13-35, Jan 69
Partial somatotrophin insufficiency in Cushing's syndrome. Strauch G, et al.
Acta Endocr (Kobenhavn) 60:121-9, Jan 69
The diagnosis of hypercortisolism. Biochemical criteria differentiating patients from lean and obese normal subjects and from females on oral contraceptives. Streeten DH, et al. **J Clin Endocr 29:1191-211, Sep 69**
Cushing's syndrome with nodular adrenal hyperplasia. Tucker HS Jr, et al.
Trans Amer Clin Climat Ass 80:37-49, 1969
[On serum ACTH] Imura H, et al.
Jap J Clin Med 27:1407-21, May 69 (61 ref.) (Jap)
[Evaluation of some radioimmunologic methods of determination of growth hormone in blood serum (literature review)] Baiaboikin MI.
Lab Delo 6:329-33, 1969 (23 ref.) (Rus)
[Clinical use of the method of separative determination of the content of protein-bound and free forms of 11-hydroxycorticosteroids in the plasma in some pathologic conditions] Buniatian AF.
Lab Delo 6:337-40, 1969 (Rus)
[Non-esterificated fatty acids (NEFA) in the blood and lipomobilizing properties of the serum] Lipovetskiĭ BM, et al. **Vop Med Khim 15:25-8, Jan-Feb 69 (Rus)**

CEREBROSPINAL FLUID

[Various questions concerning the genesis of Itsenko-Cushing disease] Soskin LS, et al.
Vop Neirokhir 33:14-8, May-Jun 69 (Rus)

CHEMICALLY INDUCED

[Lupo-erythemato-visceritis in a 12-year-old girl] Barrière H, et al.
Bull Soc Franc Derm Syph 76:55-6, 1969 (Fre)

COMPLICATIONS

A comparative study of steroid biosyntheses in vitro. In clear cell adenoma and its adjacent tissue of human adrenal gland. Tamaoki BI.
Endocr Jap 16:47-54, Feb 69
Probable hyperadrenocorticalism with concurrent hepatic failure in the dog. Dear MG.
Vet Rec 85:37-40, 12 Jul 69
[Considerations of the advent and evolution of climacteric during Cushing's disease and secondary hypercorticism] Augustin M, et al.
Rev Franc Endocr Clin 10:99-108, Mar-Apr 69 (Fre)
[Aspect of hormones and hypertension] Torikai T.
J Jap Soc Intern Med 58:579-92, 10 Jul 69 (29 ref.) (Jap)
[Urolithiasis and Itsenko-Cushing disease (A clinico-roentgeno-laboratory study)] Kuuz AL, et al.
Probl Endokr (Moskva) 14:14-9, Nov-Dec 68 (Rus)
[Changes of the blood coagulation system, hemorrhages and thromboses in Itsenko-Cushing disease and corticosterom] Parkhimovich RM.
Probl Endokr (Moskva) 15:43-7, Mar-Apr 69 (Rus)

CONGENITAL

Cushing's syndrome in infancy. Loridan L, et al.
J Pediat 75:349-59, Sep 69

DIAGNOSIS

Simplified dexamethasone suppression test. Asfeldt VH. **Acta Endocr (Kobenhavn) 61:219-31, Jun 69**
Diagnosis of Cushing's syndrome. The differentiation

between adrenocortical hyperplasia and adrenocrotical adenoma by means of lysine-vasopressin. Bethge H, et al. **Acta Endocr (Kobenhavn) 60:47-59, Jan 69**

Hypertension. 2. Investigation of the hypertensive patient. Baitz T, et al. **Appl Ther 11:204-7, Apr 69**

Testing in hypertension. Mendlowitz M, et al. **Israel J Med Sci 5:605-7, Jul-Aug 69**

Cushing's syndrome in infancy. Loridan L, et al. **J Pediat 75:349-59, Sep 69**

["Non-disease"] Louhija A. **Duodecim 85:469-70, 1969 (Fin)**

[Some reflections on Cushing's disease] Gilbert-Dreyfus. **Sem Hop Paris 43:1873-4, 14 Jun 67 (Fre)**

[Malignant hemopathy of the aplastic kind with important nuclear anomalies of granulocytes] Morel P, et al. **Sem Hop Paris 44:3026-8, 26 Nov 68 (Fre)**

[Adrenal cortex carcinomas] Heger N, et al. **Med Welt 25:1531-6, 22 Jun 68 (Ger)**

[Hypertension and endocrinology] Torikai T. **J Jap Soc Intern Med 57:13-6, 31 Dec 68 (Jap)**

[Diagnosis and therapeutic results in cases of hirsutism in women] Szamatowicz M. **Ginek Pol 40:659-67, Jun 69 (Pol)**

[Various questions concerning the genesis of Itsenko-Cushing disease] Soskin LS, et al. **Vop Neirokhir 33:14-8, May-Jun 69 (Rus)**

DRUG THERAPY

Oestrogen treatment in Cushing's syndrome. Norman N, et al. **Acta Endocr (Kobenhavn) 61:320-2, Jun 69**

Treatment of Cushing's disease. Correction of hypercortisolism by o,p'DDD without induction of aldosterone deficiency. Temple TE Jr, et al. **New Eng J Med 281:801-5, 9 Oct 69**

Medical treatment of Cushing's disease. **New Eng J Med 281:846-7, 9 Oct 69**

ETIOLOGY

Kidney transplantation. A comparison of results using cadaver and related living donors. Reeve CE, et al. **Amer J Med 47:410-20, Sep 69**

Cushing's syndrome in infancy. Loridan L, et al. **J Pediat 75:349-59, Sep 69**

Distant non-metastatic effects of neoplasms. A report of two cases. Gillie I. **Manchester Med Gaz 48:13-9, May 69**

A time study of the in vitro metabolism of 3 beta-hydroxyandrost-5-en-17-one by human adrenocortical tissue. Neville AM, et al. **Steroids 14:97-117, Aug 69**

Cushing's syndrome with nodular adrenal hyperplasia. Tucker HS Jr, et al. **Trans Amer Clin Climat Ass 80:37-49, 1969**

[New endocrine disorders attracting current interest--adrenal system] Miura K, et al. **Clin Endocr (Tokyo) 17:407-21, May 69 (130 ref.) (Jap)**

[Case of Cushing's syndrome caused by pancreatic tumor] Ogawa M, et al. **Clin Endocr (Tokyo) 17:448-52, May 69 (Jap)**

[Cushing's syndrome caused by giant adrenal cortex tumor] Sasano N, et al. **Shujutsu 23:780-6, Jun 69 (Jap)**

[Teletherapy of adenoma of the hypophysis] Ruderman AI, et al. **Probl Endokr (Moskva) 13:42-9, May-Jun 67 (Rus)**

[Various questions concerning the genesis of Itsenko-Cushing disease] Soskin LS, et al. **Vop Neirokhir 33:14-8, May-Jun 69 (Rus)**

METABOLISM

Corticosteroids in human blood. 3. Free and conjugated 17-hydroxycorticosteroids in healthy people and patients with Cushing's syndrome, before and after administration of corticotrophin. Kornel L. **Acta Endocr (Kobenhavn) 60:13-35, Jan 69**

Metabolism of cortisol in Cushing's syndrome. Ghosh PC, et al. **Steroids 14:369-80, Sep 69**

[Cortisol secretion in the central type of Cushing's syndrome] Pinsker P, et al. **Cas Lek Cesk 108:1127-31, Sep 69 (Cze)**

[Condition of carbohydrate metabolism in the initial and atypical forms of Itsenko-Cushing disease] Gincherman EZ, et al. **Probl Endokr (Moskva) 15:53-7, May-Jun 69 (Rus)**

[Some biochela indices of metabolism of the bone tissu n Isenk-Cushing disease] Kuuz AL. **Probl Endokr (Moskva) 15:18-21, Jan-Feb 69 (Rus)**

[Concerning the metabolism of biogenic amines in some endocrine diseases] Teodosiev L, et al. **Probl Endokr (Moskva) 14:46-9, Nov-Dec 68 (Rus)**

[Non-esterificated fatty acids (NEFA) in the blood and lipomobilizing properties of the serum] Lipovetskiĭ BM, et al. **Vop Med Khim 15:25-8, Jan-Feb 69 (Rus)**

MORTALITY

Cushing's syndrome in infancy. Loridan L, et al. **J Pediat 75:349-59, Sep 69**

PHYSIOPATHOLOGY

Simplified dexamethasone suppression test. Asfeldt VH. **Acta Endocr (Kobenhavn) 61:219-31, Jun 69**

Partial somatotrophin insufficiency in Cushing's syndrome. Strauch G, et al. **Acta Endocr (Kobenhavn) 60:121-9, Jan 69**

Radioimmunoassayable ACTH in dexamethasone nonsuppressible Cushing's syndrome. Rayyis SS, et al. **J Clin Endocr 29:1231-7, Sep 69**

[Some reflections on Cushing's disease] Gilbert-Dreyfus. **Sem Hop Paris 43:1873-4, 14 Jun 67 (Fre)**

[The functional condition of blood-brain barrier in Itsenko-Cushing's disease and diencephalic syndrome of Itsenko-Cushing's disease] Gincherman EZ, et al. **Probl Endokr (Moskva) 14:43-8, Jul-Aug 68 (Rus)**

[Binding hydrocortisone with transcortin in diencephalic syndrome following the Itsenko-Cushing disease course] Rozen VB, et al. **Probl Endokr (Moskva) 15:48-52, May-Jun 69 (Rus)**

[Permeability of hemato-encephalic barrier in the patients in diencephalic syndrome] Balakhovskaia MI, et al. **Vrach Delo 10:79-81, Oct 67 (Rus)**

RADIOGRAPHY

Cushing's syndrome in infancy. Loridan L, et al. **J Pediat 75:349-59, Sep 69**

Cushing's syndrome with nodular adrenal hyperplasia. Tucker HS Jr, et al. **Trans Amer Clin Climat Ass 80:37-49, 1969**

Probable hyperadrenocorticalism with concurrent hepatic failure in the dog. Dear MG. **Vet Rec 85:37-40, 12 Jul 69**

[Destruction of the hypophysis by interstitial irradiation (review of the literature)] Liass FM. **Vop Neirokhir 33:52-6, Mar-Apr 69 (37 ref.) (Rus)**

RADIOTHERAPY

High-energy heavy charged particles in medicine. Chong CY, et al. **Radiol Clin N Amer 7:319-43, Aug 69 (179 ref.)**

[Evaluation of the pituitary ACTH reserve in patients irradiated for cerebral neoplasms] Bonanni G. **Nunt Radiol 34:411-9, May 68 (Ita)**

[Some problems of the effect of irradiation of the diencephalo-hypophyseal region in the pathological state on the endocrine glands] Draznin NM, et al. **Probl Endokr (Moskva) 15:33-7, May-Jun 69 (Rus)**

SURGERY

Some recent advances in endocrine surgery. Egdahl RH. **Amer J Surg 118:363-7, Sep 69 (33 ref.)**

[Various questions concerning the genesis of Itsenko-Cushing disease] Soskin LS, et al. **Vop Neirokhir 33:14-8, May-Jun 69 (Rus)**

THERAPY

Cushing's disease. **Wisconsin Med J 68:237-43, Jul 69**

[Treatment of some endocrine diseases by administration of radioactive yttrium into hypophysis] Dol'iotti DCh. **Probl Endokr (Moskva) 14:3-10, Nov-Dec 68 (Rus)**

URINE

The diagnosis of hypercortisolism. Biochemical criteria differentiating patients from lean and obese normal subjects and from females on oral contraceptives. Streeten DH, et al. **J Clin Endocr 29:1191-211, Sep 69**

[Clinical observation on urinary free 11-OHCS] Kawai A, et al. **Clin Endocr (Tokyo) 17:437-40, May 69 (Jap)**

VETERINARY

Probable hyperadrenocorticalism with concurrent hepatic failure in the dog. Dear MG.
Vet Rec 85:37-40, 12 Jul 69

HYPERALDOSTERONISM

Renal and adrenal factors in hypertension: diagnostic approaches. Laragh JH.
Bull NY Acad Med 45:859-76, Sep 69
A sibship with Bartter's syndrome: failure of total adrenalectomy to correct the potassium wasting. Trygstad CW, et al. Pediatrics 44:234-42, Aug 69
The Jeremiah Metzger Lecture. Clinical and climatological observations on hypertension. Wilkins RW. Trans Amer Clin Climat Ass 80:166-78, 1969
[Our experience in the determination of renin in patients with arterial hypertension] Kokot F, et al.
Kardiologiia 9:22-7, Feb 69 (Rus)

BLOOD

Studies of plasma renin activity in patients with hypertension. Stokes GS.
Israel J Med Sci 5:598-604, Jul-Aug 69
Improved method for measurement of renin activity in human plasma. Miura Y.
Tohoku J Exp Med 98:125-34, Jun 69
[Significance of renin in physiopathology and diagnosis] Kokot F.
Z Ges Inn Med 24:193-7, 1 Apr 69 (48 ref.) (Ger)

CHEMICALLY INDUCED

[Therapeutically induced aldosteronism in hydropic cardiac insufficiency] Kaufmann W.
Arzneimitteiforschung 19:802-3, May 69 (Ger)

COMPLICATIONS

Non-hypertensive angiopathy. Renal biopsy study of the nephrotic syndrome. Pasternack A, et al.
Acta Med Scand 186:57-60, Jul-Aug 69
Primary aldosteronism. A study of carbohydrate tolerance and the juxtaglomerular apparatus. Haddock L, et al. Bol Asoc Med P Rico 59:435-44, Oct 67
Renin-angiotensin-aldosterone system in hypertension. The clinical usefulness of measuring components of thisystem. Ayers CR.
Virginia Med Monthly 96:312-4, Jun 69
[Arterial hypertension and hypokalemia. Diagnostic and therapeutic considerations] Campanacci D, et al.
Cah Coll Med Hop Paris 8:529-38, 15 Jun 67 (Fre)
[Clinical aspects of renovasular hypertension] Cottier P. Helv Med Acta Suppl 48:28+, May 68 (Ger)
[New endocrine disorders attracting current interest--adrenal system] Miura K, et al.
Clin Endocr (Tokyo) 17:407-21, May 69 (130 ref.) (Jap)
[Aspect of hormones and hypertension] Torikai T.
J Jap Soc Intern Med 58:579-92, 10 Jul 69 (29 ref.) (Jap)
[Bartter's syndrome--case report and literature review] Kono T, et al.
Jap J Clin Med 27:1179-201, Apr 69 (Jap)
[Clinical use of concurrent antagonists of aldosterone in patients with cardiac insufficiency] Smolenskiĭ VS, et al. Kardiologiia 9:13-9, Jun 69 (Rus)
["Hypertensive vascular changes" with and without hypertension] Pasternack A.
Nord Med 82:853-7, 19 Jul 69 (36 ref.) (Swe)

DIAGNOSIS

Hypertension. 2. Investigation of the hypertensive patient. Baltz T, et al. Appl Ther 11:204-7, Apr 69
[Contribution to adynamia episodica hereditaria (Gamstorp)] Kanuff G, et al.
Psychiat Neurol Med Psychol (Leipzig) 21:142-8, Apr 69 (Ger)
[New endocrine disorders attracting current interest--adrenal system] Miura K, et al.
Clin Endocr (Tokyo) 17:407-21, May 69 (130 ref.) (Jap)
[Aspect of hormones and hypertension] Torikai T.
J Jap Soc Intern Med 58:579-92, 10 Jul 69 (29 ref.) (Jap)
[Hypertension and endocrinology] Torikai T.
J Jap Soc Intern Med 57:13-6, 31 Dec 68 (Jap)
[The role of renin in the pathophysiology and diagnosis, excluding pregnancy and its complications] Kokot F, et al. Ginek Pol 40:579-85, May 69 (27 ref.) (Pol)
[Clinical use of concurrent antagonists of aldosterone in patients with cardiac insufficiency] Smolenskiĭ VS, et al. Kardiologiia 9:13-9, Jun 69 (Rus)

DRUG THERAPY

Hyperaldosteronism. Tidd MJ.
Brit Med J 2:52-3, 4 Oct 69
Management of primary and secondary hyperaldosteronism. Brit Med J 3:427-8, 23 Aug 69
[Steroid spirolactones--antagonists of mineralocorticoids] Linèt O.
Cesk Farm 18:218-26, Jun 69 (184 ref.) (Cze)

ETIOLOGY

[Severe water and sodium depletion without loss of potassium in a case of villous tumor of the rectosigmoid] Dal Monte PR, et al.
G Clin Med 48:1111-24, Nov 67 (Ita)
[A clinical study of primary aldosteronism with surgical aspects. I] Watanabe H.
Jap J Urol 60:541-54, Jun 69 (Jap)

FAMILIAL & GENETIC

A sibship with Bartter's syndrome: failure of total adrenalectomy to correct the potassium wasting. Trygstad CW, et al. Pediatrics 44:234-42, Aug 69

METABOLISM

Control of sodium reabsorption. Wardener HE de.
Brit Med J 3:676-83, 20 Sep 69 (134 ref.)
[Synthesis in vitro of 18-hydroxycorticosterone and aldosterone by 3 adenomas of the adrenal glomerula zone (Conn's syndrome) I. Conversion output] Legrand JC, et al.
Bull Soc Chim Biol (Paris) 51:307-20, 26 Jun 69 (Fre)
[Synthesis in vitro of 18 hydroxycorticosterone and aldosterone by 3 adenomas of the adrenal glomerula zone (conn's syndrome) II. Metabolic routes] Zogbi F, et al.
Bull Soc Chim Biol (Paris) 51:321-6, 26 Jun 69 (Fre)

PATHOLOGY

[On the pathology of the adrenal gland] Propst A.
Wien Klin Wschr 81:481-5, 27 Jun 69 (Ger)

PHYSIOPATHOLOGY

Studies of the renin-angiotensin-aldosterone system in patients with hypertension and in normal subjects. Streeten DH, et al. Amer J Med 46:844-61, Jun 69
[Role of hormones in magnesium metabolism] Blahos J.
Sem Hop Paris 45:1895-900, 8 Jun 69 (71 ref.) (Fre)
[On the pathology of the adrenal gland] Propst A.
Wien Klin Wschr 81:481-5, 27 Jun 69 (Ger)

RADIOGRAPHY

Epinephro-phlebography of benign tumours. Mikaelsson CG.
Acta Radiol [Diagn] (Stockholm) 8:129-45, Mar 69
[A clinical study of primary aldosteronism with surgical aspects. I] Watanabe H.
Jap J Urol 60:541-54, Jun 69 (Jap)

SURGERY

Some recent advances in endocrine surgery. Egdahl RH. Amer J Surg 118:363-7, Sep 69 (33 ref.)
[A clinical study of primary aldosteronism with surgical aspects. I] Watanabe H.
Jap J Urol 60:541-54, Jun 69 (Jap)

WATERHOUSE-FRIDERICHSEN SYNDROME

[2 cases of acute adrenal insufficiency with Waterhouse-Friderichsen syndrome] Kazakova VA, et al. Pediatriia 48:81-2, Mar 69 (Rus)

DRUG THERAPY

Three cases of Waterhouse--Friderichsen syndrome. Lategan LR.
Proc Mine Med Officers Ass 47:66-8, Sep-Dec 67
[Metaproterenol in the treatment of irreversible shock

in the Waterhouse-Friderichsen syndrome] Mengarda G.
Acta Anaesth (Padova) 19:Suppl 5:267-76, 1968 (Ita)

ETIOLOGY

Infection and the spleen: association between hyposplenism, pneumococcal sepsis and disseminated intravascular coagulation. Whitaker AN.
Med J Aust 1:1213-9, 14 Jun 69 (49 ref.)
[Experimental adrenocortical hemorrhage in anticoagulated rats induced by stimulating the adrenal cortex] Haller RM.
Virchow Arch [Path Anat] 346:204-11, 1969 (Ger)

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Comparative survey of certain experimental methods for the improvement of coronary circulation. Bornemisza G, et al.
Acta Chir Acad Sci Hung 10:45-53, 1969

Steps in the reproductive process susceptible to regulation. Diczfalusy E.
Bull WHO 40:479-91, Apr 69 (165 ref.)

Emergencies in the dental surgery. Goldman V.
Dent Mag Oral Top 86:109-10, Jun 69

Steroid hormone binding to a macromolecule from hepatoma tissue culture cells. Gardner RS, et al.
J Biol Chem 244:4761-7, 10 Sep 69

Dimethyldiacetoxy silane as a silylating reagent. A new technique for forming siliconides of corticosteroids. Kelly RW.
J Chromatogr 43:229-32, 19 Aug 69

Interaction of adrenal and gonadal steroids with proteins in human plasma. Rosner W.
New Eng J Med 281:658-65, 18 Sep 69 (28 ref.)

On the mechanism of action of adrenocorticotropic hormone: the binding of cyclic-3',5'-adenosine monophosphate to an adrenal cortical protein. Gill GN, et al.
Proc Nat Acad Sci USA 63:512-9, Jun 69

[Methods of use of bis-trimethyl-silyl-acetamide (BSA) in the formation of thermostable derivatives of corticosteroids] Gaidano GP, et al.
Boll Soc Ital Biol Sper 44:1494-7, 30 Sep 68 (Ita)

[Methods of preparation of thermostable derivatives of corticosteroids: formation of trimethyl-silyl-esters of methoxime] Molino G, et al.
Boll Soc Ital Biol Sper 44:1490-4, 30 Sep 68 (Ita)

[Transformation of steroids by some thermophilic microorganisms] Kogan LM, et al.
Mikrobiologiia 37:628-35, Jul-Aug 68 (Rus)

ADMINISTRATION & DOSAGE

[Surgery of fibro-adhesive otitis: "thin teflon"] Causse J, et al.
Ann Otolaryng (Paris) 86:231-46, Apr-May 69 (Fre)

[Severe arthropathic and pustular psoriasis cleared up by methotrexate] Rollier R, et al.
Bull Soc Franc Derm Syph 76:40-3, 1969 (Fre)

[Local corticoid therapy in implantology] Biguet A.
Rev Odontoimplant 24:46-7, Apr 69 (Fre)

[Prescription of corticotherapy on alternate days for long periods] Akoun G, et al.
Sem Hop Paris 44:3141-9, 8 Dec 68 (Fre)

[Identification and quantitative determination of corticosteroids in dermatological preparations] Levorato C.
Farmaco [Prat] 24:227-33, Apr 69 (Ita)

[Successfully treated case of cryptococcus meningitis with the combination therapy of amphotericin B and adrenal cortex hormones] Ito E, et al.
Saishin Igaku 24:904-8, Apr 69 (Jap)

[On the treatment of Spring colds] Medvedev AN.
Oftal Zh 23:173-8, 1968 (Rus)

[Assessment of the therapeutic efficacy of various corticosteroid ointments in dermatological practice] Mashkilleison AL, et al.
Sovet Med 31:71-4, Aug 68 (Rus)

[Therapy of multiple sclerosis] Arasa F.
Folia Clin Int (Barc) 19:7-23, Jan 69 (Spa)

ADVERSE EFFECTS

Fatal strongyloidiasis following corticosteroid therapy. Civantos F, et al.
Amer J Dig Dis 14:643-51, Sep 69

The therapeutic implications of the hypothesis of allergic hypersensitivity as dysfunction of the intracellular immune mechanism. Williams HL, et al.
Ann Allerg 27:434-60, Sep 69

Pharmacology for the dental practitioner. 4. Unwanted effects due to drugs (continued). Walton JG, et al.
Brit Dent J 127:177-82, 19 Aug 69

Relapsing amoebic colitis of 12 year's standing exacerbated by corticosteroids. Kanani SR, et al.
Brit Med J 2:613-4, 7 Jun 69

Increased proteinuria due to steroid therapy in chronic renal disease. Grupe WE, et al.
J Pediat 75:524-5, Sep 69

Increased proteinuria due to steroid therapy in chronic renal disease. Wolfish MN.
J Pediat 75:524, Sep 69

Immunosuppression and its complications. Woodruff M.
Proc Roy Soc Med 62:411-6, Apr 69 (77 ref.)

Drug therapy today: the corticosteroids. Rodman MJ.
RN 32:69-79, Sep 69

[Hyperuricemia in leukemia] Kouvalainen K.
Duodecim 85:423-7, 1969 (Fin)

[A case of mucosal dryness syndrome without Sjogren disease] Maes F, et al.
Arch Belg Derm Syph 24:203-6, 1968 (Fre)

[Lupo-erythemato-visceritis in a 12-year-old girl] Barrière H, et al.
Bull Soc Franc Derm Syph 76:55-6, 1969 (Fre)

[Ulcer-like cancers of the stomach revealed by corticotherapy. (3 cases)] Vachon A, et al.
Rev Lyon Med 16:431-6, 15 Jun 67 (Fre)

[Osteoporosis of rheumatoid polyarthritis] Vignon G, et al.
Rev Lyon Med 16:529-38, Jul-Aug 67 (Fre)

[Psychological incidents in corticotherapy] Goffioul-Thayse L.
Rev Med Liege 22:200-1, 1 Apr 67 (Fre)

[Corticoid treatment, aim and limitations] Krüskemper HL.
Deutsch Med J 20:447-52, Jul 69 (Ger)

[Eye and toxicology of new pharmacologic agents] Gloor B.
Ther Umsch 26:358-63, Jun 69 (Ger)

[The diagnostic problem of chronic silent amebiasis with the prednisone test] Sperzani GL, et al.
Arch Ital Sci Med Trop 48:295-8, Nov-Dec 67 (Ita)

[The hypophyseal-adrenal system in patients with asthma and silicosis. II. Effects of treatment with synthetic corticosteroids] Carosi L, et al.
Folia Med (Napoli) 51:955-63, 12 Dec 68 (Ita)

[Review of literature and a case report of steroid pancreatitis] Okumura H, et al.
Naika 23:915-20, May 69 (Jap)

[Dangers in the use of various rheumatic drugs] Wawrzyńska-Pągowska J.
Pol Tyg Lek 24:809-12, 26 May 69 (23 ref.) (Pol)

ANALYSIS

Nuclear shape variations in the fascicular zone of the rat adrenal gland. I. Effect of corticotrophin. Ahrén C, et al.
Acta Endocr (Kobenhavn) 59:652-9, Dec 68

Studies on the metabolism of corticosteroids in the human foeto-placental unit. 2. Corticosterone metabolism in previable foetuses. Pasqualini JR, et al.
Acta Endocr (Kobenhavn) 60:237-48, Feb 69

The effect of ascorbic acid on adrenal activity during vitamin A and riboflavin deficiencies in chicks. (Adrenal activity in vitamin deficiency). Perek M, et al.
Acta Endocr (Kobenhavn) 61:203-8, Jun 69

Comparison of various alkylboronic acids for the characterization of corticosteroids by gas-liquid chromatography-mass spectrometry. Brooks CJ, et al.
Biochem J 114:15P, Aug 69

[Paper chromatographic demonstration of corticosteroid fractions of the human spleen in various causes of death] Fazekas IG, et al.
Acta Hepatospien (Stuttgart) 16:254-64, Jul-Aug 69 (Ger)

[Experimental animal studies of sulfonylureas on adrenal medulla and adrenal cortex] Noetzel G, et al.
Arzneimittelforschung 19:1171-7, Aug 69 (Ger)

[Isolation and determination of corticosteroids from total adrenal lipid extracts] Cavina G, et al.
Ann Ist Sup Sanit 4:53-64, 1968 (Ita)

[Identification and quantitative determination of corticosteroids in dermatological preparations] Levorato C.
Farmaco [Prat] 24:227-33, Apr 69 (Ita)

[Advances and problems in corticoid measurement] Nakao K, et al.
Clin Endocr (Tokyo) 17:285-92, Apr 69 (79 ref.) (Jap)

[The effect of removing the adrenals from pregnant rats on the functional state of the hypophyseo-adrenal system of their progeny during the first days of

postnatal life] Kandror MI.
Biull Eksp Biol Med 67:37-40, Mar 69 (Rus)
[Separation of corticosteroids in different chromatographic systems on plates with thin layer of brand KSK-2 silica gel] Petrun' NM, et al.
Lab Delo 2:122-3, 1969 (Rus)
[Thiamine and adrenal cortex. Changes of corticosteroid biosynthesis caused by single thiamine or oxythiamine administration] Ostrovskiĭ IuM, et al.
Probl Endokr (Moskva) 14:99-103, Jul-Aug 68 (Rus)
[Application of thin layer chromatography to the stuyd of corticoids] Fillafañe AD.
Prensa Med Argent 55:2060-4, 20 Dec 68 (Spa)

ANTAGONISTS & INHIBITORS

Inhibition of adrenal cortical hormones by an extract of lymphoid tissue. Radoiu N, et al.
Experientia 25:643-5, 15 Jun 69

BIOSYNTHESIS

Nuclear shape variations in the fascicular zone of the rat adrenal gland. 2. Effect of unilateral adrenalectomy with and without hypophysectomy. Ahrén C, et al.
Acta Endocr (Kobenhavn) 59:660-7, Dec 68
A comparative study of steroid biosyntheses in vitro. In clear cell adenoma and its adjacent tissue of human adrenal gland. Tamaoki BI.
Endocr Jap 16:47-54, Feb 69
Persistence of the steroidogenic effect of adenosin-3',5'-monophosphate in vitro: evidence for a third factor during the steroidogenic effect of ACTH. Farese RV, et al. Endocrinology 85:867-74, Nov 69
Similarities between effects of adenosine 3',5'-monophosphate and guanosine 3' 5'-monophosphate on liver and adrenal metabolism. Glinsmann WH, et al. Endocrinology 85:711-9, Oct 69
Synthesis and antialdosterone activity of substituted 2,3,3-triphenylpropylamines. Blank B, et al.
J Med Chem 12:873-6, Sep 69
Unusual pathways of aldosterone biosynthesis in the rabbit adrenal. Fazekas AG, et al.
Steroids 14:161-77, Aug 69
[Advances and problems of ACTH measurement] Idemura H, et al.
Clin Endocr (Tokyo) 17:245-52, Apr 69 (53 ref.) (Jap)
[Central nervous control of the pituitary-adrenal system, with special reference to the function of the hippocampus in stress] Kawakami M, et al.
Jap J Clin Med 27:1348-62, May 69 (Jap)
[Inborn errors of hormone synthesis] Imura H, et al.
Saishin Igaku 24:1176-86, Jun 69 (65 ref.) (Jap)
[Thiamine and adrenal cortex. Changes of corticosteroid biosynthesis caused by single thiamine or oxythiamine administration] Ostrovskiĭ IuM, et al.
Probl Endokr (Moskva) 14:99-103, Jul-Aug 68 (Rus)
[The effect of ACTH on the steroidogenesis in the adrenal glands of rat embryos in experiments in vitro] Sakhatskaia TS.
Probl Endokr (Moskva) 14:51-4, May-Jun 68 (Rus)
[The matrix-genetic theory of immunogenesis and the neuro-humoral regulation of antibody formation] Zdorodovskiĭ PF.
Zh Mikrobiol 44:3-14, Jul 67 (74 ref.) (Rus)

BLOOD

Nuclear shape variations in the fascicular zone of the rat adrenal gland. 2. Effect of unilateral adrenalectomy with and without hypophysectomy. Ahrén C, et al.
Acta Endocr (Kobenhavn) 59:660-7, Dec 68
Nuclear shape variations in the fascicular zone of the rat adrenal gland. I. Effect of corticotrophin. Ahrén C, et al. Acta Endocr (Kobenhavn) 59:652-9, Dec 68
Inhibitory effect of diphenylhydantoin on the feedback control of corticotrophin release. Asfeldt VH, et al.
Acta Endocr (Kobenhavn) 61:551-60, Jul 69
Rapid fluorometric analysis of plasma corticosteroids as a test of adrenocortical function in the dog. Breznock EM, et al. Amer J Vet Res 30:1523-33, Sep 69
The effect of haemorrhage on adrenocortical perfusion and function. Egdahl RH, et al.
Brit J Surg 56:703, Sep 69
Insulin and corticoid response to intravenous fructose in relation to glucose tolerance. Aitken JM, et al.
Brit Med J 3:276-7, 2 Aug 69
Micro-determination of corticosteroids in ovine peripheral plasma: effects of venipuncture, corticotrophin, insulin and glucose. Bassett JM, et al.
J Endocr 44:387-403, Jul 69
Synthesis and antialdosterone activity of substituted 2,3,3-triphenylpropylamines. Blank B, et al.
J Med Chem 12:873-6, Sep 69
The effect of anti-inflammatory drugs on the protein-binding of 11-hydroxysteroids in human plasma in vitro. Steniake JB, et al.
J Pharm Pharmacol 21:451-9, Jul 69
[Studies on the gonad and adrenal cortex function using a gestagen-therapy (Chlormadinone acetate)] Reisert PM, et al.
Arzneimitteiforschung 19:1279-83, Aug 69 (Ger)
[On the Synacthen screening test] Weber C.
Praxis 58:861-7, 8 Jul 69 (Ger)
[Clinical and biochemical studies in a female patient with mixed gonadal dysgenesis] Zimprich H.
Wien Klin Wschr 81:475-8 passim, 20 Jun 69 (Ger)
[Behavior of the adrenal gland in silicotics] Brancaccio A. Folia Med (Napoli) 51:947-54, 12 Dec 68 (Ita)
[CRF (corticotropin-releasing factor)] Hiroshige T, et al. Jap J Clin Med 27:1364-73, May 69 (Jap)
[Feedback mechanism of ACTH secretion] Takebe K, et al. Jap J Clin Med 27:1379-89, May 69 (Jap)
[Clinical use of the method of separative determination of the content of protein-bound and free forms of 11-hydroxycorticosteroids in the plasma in some pathologic conditions] Buniatian AF.
Lab Delo 6:337-40, 1969 (Rus)
[Determination of 11-oxycorticosteroids in blood plasma and catecholamines in urine on the FLIuM brand fluorometer] Dzhafarova SA.
Lab Delo 4:248-9, 1969 (Rus)
[Fluorometer for the determination of 11-hydroxy corticosteod n blood plasma] Frenkel' ID, et al.
Lab Delo 2:118, 1968 (Rus)
[Corticosteroids and concomitant compounds isolated from the peripheral blood and the blood of adrenal veins of Macacus rhesus] Goncharov NP.
Probl Endokr (Moskva) 15:58-62, Jan-Feb 69 (Rus)
[Thiamine and adrenal cortex. Changes of corticosteroid biosynthesis caused by single thiamine or oxythiamine administration] Ostrovskiĭ IuM, et al.
Probl Endokr (Moskva) 14:99-103, Jul-Aug 68 (Rus)
[Evaluation of paratyphoid B vaccines with known reactogenicity by means of laboratory tests] Levina LA, et al. Zh Mikrobiol 46:47-52, May 69 (Rus)

CHEMICAL SYNTHESIS

(4-proline, 8-isoleucine)-oxytocin and (4-leucine, 8-isoleucine)-oxytocin, possible intermediates in the evolutionary series of neurophypophysial hormones: synthesis and some pharmacological properties. Rudinger J, et al. Experientia 25:680-2, 1969

DIAGNOSTIC USE

[Biological reactions as basis for the diagnosis of the beginning cervix carcinoma] Rieper JP.
Arch Gynaek 207:345-6, 1969 (Ger)

ISOLATION & PURIFICATION

Isolation techniques for pharmacologically active substances (animal). Temple DM.
Ann Rev Pharmacol 9:407-18, 1969 (165 ref.)
[Isolation and determination of corticosteroids from total adrenal lipid extracts] Cavina G, et al.
Ann Ist Sup Sanit 4:53-64, 1968 (Ita)
[Identification and quantitative determination of corticosteroids in dermatological preparations] Levorato C. Farmaco [Prat] 24:227-33, Apr 69 (Ita)

METABOLISM

Steroid excretion and biosynthesis, with special reference to androst-16-enes, in a woman with a virilising adrenocortical carcinoma. Gower DB, et al.
Acta Endocr (Kobenhavn) 60:265-75, Feb 69
Studies on the metabolism of corticosteroids in the human foeto-placental unit. 2. Corticosterone metabolism in previable foetuses. Pasqualini JR, et al.
Acta Endocr (Kobenhavn) 60:237-48, Feb 69
The effect of automobile driving on catecholamine and adrenocortical excretion. Bellet S, et al.
Amer J Cardiol 24:365-8, Sep 69
Effects of DDD and DDT on the production and

metabolism of adrenocortical steroids in guinea pigs and dogs. Balazs T. **Amer J Vet Res** 30:1535-40, Sep 69

Dynamic asymmetries in the corticosteroid feedback path and distribution-metabolism-binding elements of the adrenocortical system. Dallman MF, et al. **Ann NY Acad Sci** 156:696-721, 21 Apr 69

Effects of some pesticides and related compounds on steroid function and metabolism. Kupfer D. **Residue Rev** 19:11-30, 1967 (96 ref.)

[Androgenic tumors of the adrenal cortex] Guinet P, et al. **Maroc Med** 47:296-305, Apr 67 (Fre)

[Laboratory diagnosis of hyperbilirubinemia. Biochemical examination on the Endocrinological function] Yakata M. **Jap J Clin Path** 17:281-4, Apr 69 (Jap)

[Congenital metabolic anomalies] Oda T, et al. **Naika** 23:638-51, Apr 69 (275 ref.) (Jap)

[The blood-brain barrier problem in endocrinology] Kassil' GN. **Probl Endokr (Moskva)** 13:116-20, May-Jun 67 (18 ref.) (Rus)

PHARMACODYNAMICS

Physiology and pharmacology of the coronary circulation and myocardium, particularly in relation to coronary artery disease. Haddy FJ. **Amer J Med** 47:274-86, Aug 69 (94 ref.)

Effect of adrenal cortical hormones and insulin on the alkaline phosphatase activity of alveolar bone in scorbutic guinea pigs. Akamura R, et al. **Arch Oral Biol** 14:725-8, Jun 69

The pharmacology of fenclozic acid (2-(4-chlorophenyl)-thiazol-4-ylacetic acid; I.C.I. 54,450; 'Myalex'); a new compound with anti-inflammatory, analgesic and antipyretic activityl. Newbould BB. **Brit J Pharmacol** 35:487-97, Mar 69

(4-proline, 8-isoleucine)-oxytocin and (4-leucine, 8-isoleucine)-oxytocin, possible intermediates in the evolutionary series of neurophypophysial hormones: synthesis and some pharmacological properties. Rudinger J, et al. **Experientia** 25:680-2, 1969

Effects of corticosteroids on mouse hepatitis virus infection. Datta DV, et al. **Gut** 10:522-9, Jul 69

Corticosteroids and adrenal function. **JAMA** 209:1713, 15 Sep 69

The cental nervous system and pituitary-adrenocortical feedback mechanisms. Davidson JM, et al. **Rass Neurol Veg** 21:9-27, 30 Apr 67

[Clinical-pharmacological questions on drug metabolism from the viewpoint of a dermatologist] Ippen H. **Arzneimittelforschung** 19:814-5, May 69 (Ger)

[Corticoid treatment, aim and limitations] Krüskemper HL. **Deutsch Med J** 20:447-52, Jul 69 (Ger)

[ACTH-producing cells of the anterior pituitary gland] Kurosumi K, et al. **Jap J Clin Med** 27:1333-47, May 69 (Jap)

[The effect of tryptophan, serotonin, kynurenine, corticosteroids and peroxidases on the activity of tryptophan pyrrolase, the decarboxylase of 5-OH tryptophan and liver catalase in rats] Rudzim VK. **Biull Eksp Biol Med** 67:48-50, Feb 69 (Rus)

[Afferent impulsation in sympathetic nerves following adrenalectomy and corticosteroid administration] Nozdrachev AD. **Fiziol Zh SSSR Sechenov** 53:791-9, Jul 67 (Rus)

[Mast cells degranulation in guinea pig peritoneum during anaphylactic shock. Changes due to the action of antihistaminics, coricosteroids, salicilates, chlorpromazine, heparine, epsilon aminocaproic acid and butazolidine] Mathov E, et al. **Alergia (Mex)** 16:179-200, May 69 (Spa)

PHYSIOLOGY

Persistence of sexual behavior in ovariectomized-adrenalectomized rabbits treated with cortisol. Beyer C, et al. **Endocrinology** 85:790-3, Oct 69

Dependence of pancreatic integrity on adrenal and ovarian secretions. Grossman A, et al. **Endocrinology** 85:956-9, Nov 69

Hormonal regulation of aminopyrine N-demethylase system in rat liver. Ichii S, et al. **J Biochem (Tokyo)** 65:597-601, Apr 69

[Adrenal hormones and development of hematopoietic tissue in fetal rat liver] Nagel J, et al. **J Physiol (Paris)** 60:Suppl 2:503-4, 1968 (Fre)

[Adrenal cortex hormones and lactic-acidemia during exposure to cold and muscular work] Zegaya M, et al. **J Physiol (Paris)** 60:Suppl 2:572, 1968 (Fre)

[Endocrine factors in dental development] Job JC, et al. **Rev Franc Odontostomat** 16:625-34, May 69 (Fre)

[On the development of the rat small intestine. Morphologic, histochemical and experimental studies] Vollrath L. **Ergebn Anat Entwicklungsgesch** 41:3-66, 1969 (Ger)

SECRETION

Nuclear shape variations in the fascicular zone of the rat adrenal gland. 2. Effect of unilateral adrenalectomy with and without hypophysectomy. Ahrén C, et al. **Acta Endocr (Kobenhavn)** 59:660-7, Dec 68

The effect of haemorrhage on adrenocortical perfusion and function. Egdahl RH, et al. **Brit J Surg** 56:703, Sep 69

[Secretion of corticosteroids after adrenal autografts in rats] Brudieux R, et al. **J Physiol (Paris)** 60:Suppl 2:411, 1968 (Fre)

[Ultrastructural findings in the adrenal cortex cells after castration in rats] Sanfilippo S. **Chir Pat Sper** 15:700-20, Oct-Dec 67 (Ita)

[Experimental studies on the effect of low oxygen inhalation on adrenocortical secretion--by the retention cannula method for collecting lumbo-adrenal venous blood in the dog] Ota M. **Folia Endocr Jap** 45:284-309, 20 Jun 69 (Jap)

[The formation of corticosteroids in the administration of cetamiphen] Komissarenko VP, et al. **Vrach Delo** 12:5-6, Dec 67 (Rus)

THERAPEUTIC USE

Relapsing polychondritis. Abrahamsen AM, et al. **Acta Med Scand** 185:175-8, Mar 69

Metastatic calcification of soft tissue on overdosage of vitamin D. Irnell L. **Acta Med Scand** 185:147-52, Mar 69

Relapsing motor polyneuropathy. Ashworth B, et al. **Acta Neurol Scand** 45:342-50, 1969

Neuro-Behçet's syndrome: report of two autopsy cases. Sugihara H, et al. **Acta Path Jap** 19:95-101, Feb 69

The Stokes-Adams syndrome. Pomerantz B, et al. **Amer J Med** 46:941-60, Jun 69 (310 ref.)

Complications of staphylococcic blepharitis. Thygeson P. **Amer J Ophthal** 68:446-9, Sep 69

Muscle involvement in sarcoidosis. Asymptomatic, myositis, and myopathy. Silverstein A, et al. **Arch Neurol (Chicago)** 21:235-41, Sep 69

Red cell lipids in autoimmune hemolytic anemia. Brabec V, et al. **Blood** 34:414-20, Oct 69

Anabolic androgenic steroids in the treatment of acquired aplastic anemia. Sanchez-Medal L, et al. **Blood** 34:283-300, Sep 69

Acute epiglottitis in children. A respiratory emergency. Raj PP, et al. **Brit J Anaesth** 41:619-27, Jul 69

Management of idiopathic thrombocytopenic purpura. Fontein DL, et al. **Brit J Haemat** 17:301-2, Sep 69

Mechanisms of thrombocytopenia with particular reference to intravascular coagulation and microangiopathic haemolytic anaemia. Pitney WR. **Brit J Haemat** 17:301, Sep 69

Malignant granuloma. Brown CH. **Brit Med J** 3:471, 23 Aug 69

Management of rheumatoid arthritis. Holt PJ. **Brit Med J** 3:514-8, 30 Aug 69

Accidental inhalation of talcum powder. **Brit Med J** 2:5-6, 4 Oct 69

The treatment of hepatitis. Sherlock S. **Bull NY Acad Med** 45:189-209, Feb 69

Reevaluation of the treatment of shock secondary to cardiac infarction. Corday E, et al. **Dis Chest** 56:200-9, Sep 69

Anesthetic management of the parturient in hemorrhagic shock. Ebner H. **Int Anesth Clin** 6:765-86, Fall 68 (20 ref.)

Anesthetic management of the parturient in septic shock. Marx GF. **Int Anesth Clin** 6:813-28, Fall 68 (46 ref.)

Increased proteinuria due to steroid therapy in chronic renal disease. Wolfish MN. **J Pediat** 75:524, Sep 69

Recent knowledge of the dental pulp and its application to clinical practice. Retziaff AE, et al. **J Prosth Dent** 22:449-57, Oct 69 (25 ref.)

The treatment of Paget's disease of bone. Hobson's choice? **JAMA** 209:1354-7, 1 Sep 69

General considerations in the treatment of systemic

lupus erythematosus. Rothfield NF.
Mayo Clin Proc 44:691-6, Sep 69
Prevention, diagnosis, and treatment of lead poisoning in childhood. Pediatrics 44:291-8, Aug 69
The pharmacological basis for the rational use of topically applied corticosteroids. Greaves MW.
Pharmacol Physicians 3:1-5, Oct 69
Selection of analgesics in the treatment of the rheumatic disorders. Hart FD.
Proc Roy Soc Med 62:539-40, Jun 69
Drug therapy today: the corticosteroids. Rodman MJ.
RN 32:69-79, Sep 69
Treatment of acute leukemia. Henderson ES.
Seminars Hemat 6:271-319, Jul 69 (229 ref.)
[Status asthmaticus] Muittari A, et al.
Duodecim 85:646-53, 1969 (Fin)
[Severe asthma. Study of 80 cases of severe and fatal asthma] Hirsch A.
Ann Med Intern (Paris) 120:97-109, Feb 69 (Fre)
[The course of mucoviscidosis. Experience at Giens Center] Hermier M, et al.
Ann Pediat (Paris) 16:368-79, 2 May 69 (Fre)
[Course, distant prognosis and social consequences of asthmatic disease in children] Lévêque B, et al.
Ann Pediat (Paris) 16:334-42, 2 May 69 (Fre)
[Acute erythroblastopenia (Owren-Gasser syndrome) and acute hemolytic anemia during viral hepatitis. Terminal malignant chickenpox] Perelman R, et al.
Ann Pediat (Paris) 16:450-6, Jun-Jul 69 (Fre)
[Albers-Schönberg osteopetrosis. 2 cases with study of digestive absorption of Ca47] Rosenberg D, et al.
Ann Pediat (Paris) 16:237-47, 2 Apr 69 (Fre)
[Infantile dermatomyositis. Study of 8 personal cases] Thieffry S, et al.
Ann Pediat (Paris) 14:554-78, Aug-Sep 67 (Fre)
[Multiple necrotic phagedenic ulcerations in a 10-year-old boy] Bureau Y, et al.
Bull Soc Franc Derm Syph 76:49, 1969 (Fre)
[Multiple phagedenic ulcerations in islands in a 14-year-old girl, recurrent for 9 years] Bureau Y, et al.
Bull Soc Franc Derm Syph 76:47-8, 1969 (Fre)
[The conservative treatment of chronic inflammatory rheumatism] Schmied P, et al.
Schweiz Med Wschr 99:933-41, 28 Jun 69 (49 ref.) (Fre)
[Treatments of lumbago] Lièvre JA.
Sem Ther 43:373-6, Jun-Jul 67 (Fre)
[Rational utilization of corticosteroids in rheumatology] Demers R.
Un Med Canada 96:933-5, Aug 67 (Fre)
[Corticoid treatment, aim and limitations] Krüskemper HL. Deutsch Med J 20:447-52, Jul 69 (Ger)
[Effects of bone marrow transfusions in the complex treatment of hypo and aplastic anemias] Daskalov A, et al. Folia Haemat (Leipzig) 91:445-51, 1969 (Ger)
[Contribution to the generalized form of purpura Schoenlein-Henoch] Exadaktylu P.
Folia Haemat (Leipzig) 91:472-86, 1969 (Ger)
[On the partial prognosis of disseminated encephalomyelitis. On the regression of single disease episodes prior to and following introduction of corticosteroid therapy] Glatzel J, et al.
Med Klin 64:1157-9, 20 Jun 69 (Ger)
[Diseases of the mucous membranes of the respiratory tract and their relationship to allergy] Böhlau V.
Med Welt 26:1477-80, 28 Jun 69 (Ger)
[On the therapy of insulin resistance] Fankhauser S.
Praxis 58:1082-7, 2 Sep 69 (Ger)
[Salmonelloses. Diagnosis, therapy, prophylaxis] Schröder J.
Ther Gegenw 107:1556 passim, Dec 68 (Ger)
[Eye and arteriosclerosis] Bettelheim H.
Wien Klin Wschr 81:461-4, 20 Jun 69 (Ger)
[Fundamentals of allergies] Kleinsorge H.
Wien Med Wschr 119:403-6, 31 May 69 (1 ref.) (Ger)
[Local drug therapy of mouth inflammations with a corticoid combination preparation] Tschamer H.
Zahnaerztl Welt 78:761-4, 10 Sep 69 (Ger)
[Changes in thyroid function after administration of aminoglutethimide] Balli F, et al.
Clin Pediat (Bologna) 50:866-72, Dec 68 (Ita)
[Current therapeutic possibilities in idiopathic myelofibrosis. Observations on 47 cases] Perugini S, et al. Clin Ter 45:21-60, 15 Apr 68 (102 ref.) (Ita)
[Contribution to the study of Pautrier and Woringer lipomelanic reticulosis] Coppolino A, et al.
G Ital Derm 109:399-406, Sep-Oct 68 (Ita)
[Case of pulmonary empyema caused by an unculturable fungus] Komatsu M, et al.
Bull Chest Dis Res Inst Kyoto Univ 2:155-60 passim, Sep 68 (Jap)
[The studies of the gold therapy (Solganal-B oleosum) on rheumatoid arthritis] Nagano S, et al.
J Kumamoto Med Soc 43:458-65, 25 May 69 (Jap)
[New chemotherapy of malignant tumors in pediatrics] Taguchi N.
Jap J Clin Med 27:1602-9, Jun 69 (38 ref.) (Jap)
[Early diagnosis and treatment of collagen diseases] Katsu M, et al. Naika 23:1293-300, Jun 69 (Jap)
[Tonsillectomies in the patients under adrenal cortical hormone treatments] Sasaki H, et al.
Otolaryngology (Tokyo) 41:233-8, Apr 69 (Jap)
[Treatment and prognosis of aplastic anemia] Hiraki K, et al. Saishin Igaku 24:749-56, Apr 69 (42 ref.) (Jap)
[Key points in the etiology and therapy of leukemia in children] Takatsu T, et al.
Saishin Igaku 24:805-15, Apr 69 (Jap)
[Management of brain edema] Ishii S, et al.
Surg Ther (Osaka) 20:680-7, Jun 69 (41 ref.) (Jap)
[Therapy of obstetrical shock] Uszyński M.
Ginek Pol 40:827-32, Jul 69 (Pol)
[Effect of prolonged treatment with adrenocortical hormones on the growth of children with lipid nephrosis] Klinowska W, et al.
Pol Tyg Lek 24:918-20, 16 Jun 69 (Pol)
[Current chemotherapy in neoplastic diseases. I] Witkowska M. Wiad Lek 22:1107-14, 15 Jun 69 (Pol)
[Lupus erythematosus disseminatus and infectious processes: apropos of the combination with septicemia due to non-typhoid salmonellas] Kopersztych S, et al.
Rev Hosp Clin Fac Med S Paulo 24:119-28, Mar-Apr 69 (Por)
[Clinical, epidemiological and preventive aspects of acute pneumopathies in infants in a closed community] Hurmuzache E, et al.
Rev Medicochir Iasi 73:9-14, Jan-Mar 69 (Rum)
[On the pathophysiology and therapy of postoperative hyperthermic syndrome in children] Pekarskiĭ DE.
Klin Khir (Kiev) 2:49-52, Feb 67 (Rus)
[Therapy of suppurative meningitis in children] Pokrovskaia NIa.
Pediatriia 48:64-70, Mar 69 (51 ref.) (Rus)
[The influence of corticosteroid therapy of nephritis on the maxillodental system] Barannikova IA.
Stomatologiia (Moskva) 48:32-4, Jul-Aug 69 (Rus)
[On the treatment of persistent forms of chronic prostatitis] Il'in II, et al.
Urol Nefrol (Moskva) 34:42-5, Jan-Feb 69 (Rus)
[Significance of uropepsin test in hormonal and antibacterial therapy of patients with pulmonary tuberculosis] Nakhmanson SE.
Vrach Delo 1:123-4, Jan 67 (Rus)
[Therapy of multiple sclerosis] Arasa F.
Folia Clin Int (Barc) 19:7-23, Jan 69 (Spa)
[Intermittent supply of corticosteroids in dermatology] González-Ochoa A.
Gac Med Mex 99:619-26, Jun 69 (Spa)
[Some uses of the corticosteroids in dentistry] Arriaza R. Rev Cent Amer Odont 6:38-41, Jan-Apr 69 (Spa)
[Treatment of ulcerative colitis. Findings on 28 cases] Pajares JM, et al.
Rev Esp Enferm Apar Dig 29:231-40, Aug-Sep 69 (Spa)
[Modifications of the analytical behavior of the cerebro-spinal fluid during subarachnoid hemorrhages (experience of an early treatment using intrathecal corticosteroides)] Jubert Gruart J, et al.
Rev Esp Otoneurooftal 27:193-201, May-Jun 68 (Spa)
[Polymyalgia rheumatica] Požar B.
Reumatizam 16:101-6, 1969 (Cro)
[Acute state in allergy] Odavić M.
Vojnosanit Pregl 26:289-96, Jun 69 (Cro)
[Clinical picture of angina and pharyngitis of adenoviral etiology] Trajković B, et al.
Vojnosanit Pregl 26:19-22, Jan 69 (Cro)

TOXICITY

The shifts of electrolyes and radioactive ions in the myocardium during various cardiotoxic interventions and administration of some potassium and magnesium salts. Vaškû J, et al.
Arzneimitteiforschung 19:704-9, May 69

URINE

The effect of automobile driving on catecholamine and adrenocortical excretion. Bellet S, et al.
Amer J Cardiol 24:365-8, Sep 69
ACTH-excess and increased urinary pressor activity. Limaye NR, et al. Exp Med Surg 25:178-84, 1967

Hyperresponsiveness to metyrapone. Sabeh G, et al. Exp Med Surg 25:218-28, 1967
Evaluation of metopiron and ACTH tests in prolonged corticosteroid treatment of chronic asthma. Lass N, et al. Int Arch Allerg 36:180-5, 1969
Effect of adrenocorticotropin on desoxycorticosterone, corticosterone and aldosterone excretion. Biglieri EG, et al. J Clin Endocr 29:1090-101, Aug 69
Individual corticosteroids in the urine of children. Savage DC, et al. J Endocr 44:453-4, Jul 69
Circadian rhythms in simulated and manned orbital space flight. Rummel J, et al. Rass Neurol Veg 21:41-56, 30 Apr 67
[Fluorometric determination of urinary free 11-hydroxycorticosteroids and plasma cortisol] Montgrain C. Canad J Med Techn 31:119-24, Jun 69 (Fre)
[Elimination of urinary corticosteroids by European hamster (Cricetus cricetus) adrenalectomized and bearing an intratesticular adrenal homograft] Canguilhem B, et al. J Physiol (Paris) 60:Suppl 2:353, 1968 (Fre)
[Testicular function in idiopathic hemochromatosis] Gilbert-Dreyfus. Rev Franc Endocr Clin 10:191-203, May-Jun 69 (Fre)
[Studies on the gonad and adrenal cortex function using a gestagen-therapy (Chlormadinone acetate)] Reisert PM, et al. Arzneimittelforschung 19:1279-83, Aug 69 (Ger)
[Levels of urinary 6-beta-hydrocortisol and other polar corticosteroids in healthy children and its fluctuation by ACTH loading] Abe Y. Acta Paediat Jap 73:691-7, 1 May 69 (Jap)
[Urinary excretion of 6-beta-hydroxycortisol and other polar corticosteroids in puberty and its changes by ACTH loading] Komiyama J. Acta Paediat Jap 73:815-20, 1 Jun 69 (Jap)
[Levels of urinary 6-beta-hydroxycortisol and other polar corticosteroids in children with severe diseases and its fluctuation by ACTH loading] Komiyama J. Acta Paediat Jap 73:656-62, 1 May 69 (Jap)
[Clinical observation on urinary free 11-OHCS] Kawai A, et al. Clin Endocr (Tokyo) 17:437-40, May 69 (Jap)
[Study on a new method for the determination of 7 fractions of urinary 17-deoxycorticosteroid (DOC, Comp. B, Comp. A, allo THB, THB, THA and aldosterone). I. Method and basic experiments] Ito Y. Folia Endocr Jap 45:12-28, 20 Apr 69 (Jap)
[Study on the Porter-Silber reaction--chromogenicity in various concentration of sulfuric acid] Kyo Y, et al. Jap J Clin Path 17:403-7, May 69 (Jap)
[Steroid-creatinine ratio in the steroid hormone examination for outpatients, with special reference to analysis of the urine in children] Usui T, et al. Jap J Clin Path 17:330-2, Apr 69 (Jap)
[Protein composition of the blood and excretion of corticosteroids in patients with arteriosclerotic cardiosclerosis with chronic circulatory insufficiency] Zaretskiĭ MM, et al. Kardiologiia 9:49-53, Feb 69 (Rus)
[Densitometric determination of urinary corticosteroids on a thin layer of silica gel] Belova TA, et al. Lab Delo 7:426-30, 1968 (Rus)

ALDOSTERONE

ADMINISTRATION & DOSAGE

The effect of aldosterone on the electrical activity of rat colon. Edmonds CJ, et al. J Endocr 44:363-77, Jul 69
[Aldosterone in traumatic shock] Recchioni F, et al. Acta Chir Ital 23:731-40, Nov-Dec 67 (Ita)

ANALYSIS

Some aspects of the pharmacology of valyl-beta-(pyrazolyl-3)-L-alanyl6-angiotensin II. Hageman WE, et al. J Pharmacol Exp Ther 168:295-302, Aug 69
"In vitro" studies of circadian rhythms in hypothalamic-pituitary-adrenal systems. Ungar F. Rass Neurol Veg 21:57-70, 30 Apr 67
[Determination of the aldosterone content in cortical extracts for therapeutic use by thin layer chromatography] Cavina G, et al. Ann Ist Sup Sanit 4:101-2, 1968 (Ita)
[Advances and problems in aldosterone measurement] Katsushima I, et al. Clin Endocr (Tokyo) 17:293-9, Apr 69 (31 ref.) (Jap)
[The effect of ACTH on the steroidogenesis in the adrenal glands of rat embryos in experiments in vitro] Sakhatskaia TS. Probl Endokr (Moskva) 14:51-4, May-Jun 68 (Rus)

ANTAGONISTS & INHIBITORS

Possible protective action of antialdosterone compounds in myocardial necrosis in rats. Moudgil LR. Brit J Pharmacol 35:558-62, Mar 69
[Steroid spirolactones--antagonists of mineralocorticoids] Linèt O. Cesk Farm 18:218-26, Jun 69 (184 ref.) (Cze)
[Clinical use of concurrent antagonists of aldosterone in patients with cardiac insufficiency] Smolenskiĭ VS, et al. Kardiologiia 9:13-9, Jun 69 (Rus)
[Progesterone in cirrhosis. (Antialdosteronic and antiestrogenic effect)] Dinç I, et al. Tip Fak Mec (Istanbul) 31:267-78, 1968 (Tur)

BIOSYNTHESIS

Aldosterone biosynthesis by human fetal adrenal in vitro. Dufau ML, et al. Biochim Biophys Acta 176:637-40, 29 Apr 69
Effect of adrenocorticotropin on desoxycorticosterone, corticosterone and aldosterone excretion. Biglieri EG, et al. J Clin Endocr 29:1090-101, Aug 69
Synthesis and antialdosterone activity of substituted 2,3,3-triphenylpropylamines. Blank B, et al. J Med Chem 12:873-6, Sep 69
Unusual pathways of aldosterone biosynthesis in the rabbit adrenal. Fazekas AG, et al. Steroids 14:161-77, Aug 69
[Synthesis in vitro of 18-hydroxycorticosterone and aldosterone by 3 adenomas of the adrenal glomerula zone (Conn's syndrome) I. Conversion output] Legrand JC, et al. Bull Soc Chim Biol (Paris) 51:307-20, 26 Jun 69 (Fre)
[Synthesis in vitro of 18 hydroxycorticosterone and aldosterone by 3 adenomas of the adrenal glomerula zone (conn's syndrome) II. Metabolic routes] Zogbi F, et al. Bull Soc Chim Biol (Paris) 51:321-6, 26 Jun 69 (Fre)
[Study on the renin-angiotensin-aldosterone system. Evaluation of the dynamics of renal renin and adrenal cortex aldosterone production in the chronic stage of Goldblatt's rats] Okano M. Jap Circ J 31:1773-83, Nov 67 (Jap)

BLOOD

Renal production of agiotensin II. Sundsfjord JA. Lancet 2:807, 11 Oct 69
The presence of the adult-type pattern of adrenal steroids in the one day old rat. Philpott JE, et al. Steroids 14:21-31, Jul 69
[Therapeutically induced aldosteronism in hydropic cardiac insufficiency] Kaufmann W. Arzneimittelforschung 19:802-3, May 69 (Ger)
[Significance of renin in physiopathology and diagnosis] Kokot F. Z Ges Inn Med 24:193-7, 1 Apr 69 (48 ref.) (Ger)
[Advances and problems in aldosterone measurement] Katsushima I, et al. Clin Endocr (Tokyo) 17:293-9, Apr 69 (31 ref.) (Jap)
[The central nervous apparatus for regulation of osmosis] Walloe L. T Norsk Laegeforen 89:1077-82, 1 Jul 69 (Nor)
[Studies on renin in normal pregnancy] Kokot F, et al. Ginek Pol 40:711-8, Jun 69 (30 ref.) (Pol)
[Corticosteroids and concomitant compounds isolated from the peripheral blood and the blood of adrenal veins of Macacus rhesus] Goncharov NP. Probl Endokr (Moskva) 15:58-62, Jan-Feb 69 (Rus)

ISOLATION & PURIFICATION

Aldosterone biosynthesis by human fetal adrenal in vitro. Dufau ML, et al. Biochim Biophys Acta 176:637-40, 29 Apr 69
Seasonal changes in the in vitro production of testicular androgens by the cobra (Naja naja Linn). Tam WH, et al. Gen Comp Endocr 13:117-25, Aug 69

METABOLISM

The effect of heparin on sodium conservation and on the plasma concentration, the metabolic clearance

and the secretion and excretion rates of aldosterone in normal subjects. Bailey RE, et al.
Acta Endocr (Kobenhavn) 60:249-64, Feb 69

Beta-glucuronidase activity in adrenals of patients with or without cancer. Hoch-Ligeti C, et al.
Cancer 24:796-802, Oct 69

Excretion of 4-14C-cortisol and 1,2-3H-D-aldosterone in human thermal sweat. Jenkins ME, et al.
J Clin Endocr 29:1102-6, Aug 69

[Therapeutically induced aldosteronism in hydropic cardiac insufficiency] Kaufmann W.
Arzneimittelforschung 19:802-3, May 69 (Ger)

[Nipiopharmacology of steroid hormones] Macciotta A.
Minerva Nipiol 17:204-38, Nov-Dec 67 (746 ref.) (Ita)

[Aldosterone, electrolytes and cardiopulmonary insufficiency] Shvets LV.
Vrach Delo 6:149-50, Jun 69 (Rus)

PHARMACODYNAMICS

Effect of a single neonatal dose of ACTH, TSH, STH, thyroxine and aldosterone on serum heparin and tissue mucopolysaccharides. Vallent K, et al.
Acta Morph Acad Sci Hung 17:35-9, 1969

Saline loading and aldosterone in water snakes Natrix cyclopion. LeBrie SJ, et al.
Amer J Physiol 217:426-30, Aug 69

Influence of oxytocin and growth hormone on the actions of aldosterone in the rat. Lees P, et al.
Arch Int Pharmacodyn 177:457-71, Feb 69

Practically applicable results of twenty years of research in endocrinology. Tausk M.
Fortschr Arzneimitteiforsch 12:137-64, 1968 (130 ref.)

Synthesis of casein-like material by rat mammary gland anlagen under hormonal stimulation in vitro. Ceriani RL. **J Endocr 44:457-8, Jul 69**

Inhibition by steroids of parathyroid hormone-induced Ca45 release from embryonic rat bone in vitro. Stern PH. **J Pharmacol Exp Ther 168:211-7, Aug 69**

Plantar sweat electrolyte concentration in the dog: effect of exogenous aldosterone on the sweat electrolyte concentration--discussion on ductal reabsorption in the sweat duct. Ikai K, et al.
Nagoya Med J 15:33-45, Apr 69

Development of hypertension in rats treated with aldosterone acetate. Fregly MJ, et al.
Toxic Appl Pharmacol 15:229-43, Jul 69

[Effect of aldosterone on uridine incorporation in acid-soluble and ribonucleic fractions of Bufo marinus bladder] Rousseau G, et al.
Arch Int Physiol 77:399-400, May 69 (Fre)

[Recent findings on the mechanism of action of aldosterone and diuretics] Losert W, et al.
Arzneimittelforschung 19:709-19, May 69 (89 ref.) (Ger)

[Histological study of the morphokinesis of the adrenal cortex] Merkle U.
Z Mikr Anat Forsch 79:460-76, 1968 (Ger)

[Nipiopharmacology of steroid hormones] Macciotta A.
Minerva Nipiol 17:204-38, Nov-Dec 67 (746 ref.) (Ita)

[Clinical problems in body fluid balance] Koshikawa S, et al. **Jap J Clin Med 27:1141-50, Apr 69 (83 ref.) (Jap)**

PHYSIOLOGY

Studies of the renin-angiotensin-aldosterone system in patients with hypertension and in normal subjects. Streeten DH, et al. **Amer J Med 46:844-61, Jun 69**

Changes in the composition of saliva and blood of lactating sheep grazing heavily fertilised grass. Scott D. **Res Vet Sci 10:121-6, Mar 69**

Renin-angiotensin-aldosterone system in hypertension. The clinical usefulness of measuring components of thisystem. Ayers CR.
Virginia Med Monthly 96:312-4, Jun 69

[Study on the renin-angiotensin-aldosterone system. Evaluation of the dynamics of renal renin and adrenal cortex aldosterone production in the chronic stage of Goldblatt's rats] Okano M.
Jap Circ J 31:1773-83, Nov 67 (Jap)

[The role of renin in the pathophysiology and diagnosis, excluding pregnancy and its complications] Kokot F, et al. **Ginek Pol 40:579-85, May 69 (27 ref.) (Pol)**

[Changes in renal hemodynamics and function in cardiac insufficiency] Eliseev OM.
Kardiologiia 9:132-41, May 69 (61 ref.) (Rus)

SECRETION

The effect of heparin on sodium conservation and on the plasma concentration, the metabolic clearance and the secretion and excretion rates of aldosterone in normal subjects. Bailey RE, et al.
Acta Endocr (Kobenhavn) 60:249-64, Feb 69

Influence of renal nerves on the secretion of aldosterone in the rat. Kinson GA, et al.
Acta Endocr (Kobenhavn) 61:239-47, Jun 69

Renal and adrenal factors in hypertension: diagnostic approaches. Laragh JH.
Bull NY Acad Med 45:859-76, Sep 69

Steroid secretion in vivo in rats bred for high and low juxtaglomerular granularity. Rapp JP.
Endocrinology 85:909-15, Nov 69

Excretion of 4-14C-cortisol and 1,2-3H-D-aldosterone in human thermal sweat. Jenkins ME, et al.
J Clin Endocr 29:1102-6, Aug 69

Some aspects of the pharmacology of valyl-beta-(pyrazolyl-3)-L-alanyl6-angiotensin II. Hageman WE, et al.
J Pharmacol Exp Ther 168:295-302, Aug 69

Treatment of Cushing's disease. Correction of hypercortisolism by o,p'DDD without induction of aldosterone deficiency. Temple TE Jr, et al.
New Eng J Med 281:801-5, 9 Oct 69

Medical treatment of Cushing's disease.
New Eng J Med 281:846-7, 9 Oct 69

A sibship with Bartter's syndrome: failure of total adrenalectomy to correct the potassium wasting. Trygstad CW, et al. **Pediatrics 44:234-42, Aug 69**

C. The renin-angiotensin system. A history and review of the renin-angiotensin system. Peart WS.
Proc Roy Soc [Biol] 173:317-25, 1 Jul 69 (41 ref.)

Generation and survival of angiotensin in nonrefrigerated plasma. An explanation for presence of pressor material in human plasma protein solutions used clinically. Vandongen R, et al.
Transfusion 9:205-11, Jul-Aug 69

[Man without kidneys] Verroust P.
Presse Med 77:818, 3 May 69 (Fre)

[Therapeutically induced aldosteronism in hydropic cardiac insufficiency] Kaufmann W.
Arzneimittelforschung 19:802-3, May 69 (Ger)

[New endocrine disorders attracting current interest--adrenal system] Miura K, et al.
Clin Endocr (Tokyo) 17:407-21, May 69 (130 ref.) (Jap)

[Aspect of hormones and hypertension] Torikai T.
J Jap Soc Intern Med 58:579-92, 10 Jul 69 (29 ref.) (Jap)

[Distribution of fluid between the cells and the extracellular media and mineralocorticoid function of the adrenal glands in cardiac insufficiency] Sycheva IM, et al. **Kardiologiia 9:19-25, Jun 69 (Rus)**

[Hypermineralocorticoidism]
Rev Clin Esp 113:463-4, 15 Jun 69 (Spa)

THERAPEUTIC USE

Experimental design in clinical drug research: some practical implications. Lucchelli PE.
Int Z Klin Pharmakol Ther Toxik 2:30-7, Jan 69

[Aldosterone in traumatic shock] Recchioni F, et al.
Acta Chir Ital 23:731-40, Nov-Dec 67 (Ita)

[Nipiopharmacology of steroid hormones] Macciotta A.
Minerva Nipiol 17:204-38, Nov-Dec 67 (746 ref.) (Ita)

URINE

Studies of the renin-angiotensin-aldosterone system in patients with hypertension and in normal subjects. Streeten DH, et al. **Amer J Med 46:844-61, Jun 69**

A gas liquid chromatographic method for routine determination of aldosterone in urine, with values for the excretion of aldosterone in normal adults and in hospitalized children. Saiokangas A, et al.
Ann Med Exp Biol Fenn 46:158-64, 1968

Renal and adrenal factors in hypertension: diagnostic approaches. Laragh JH.
Bull NY Acad Med 45:859-76, Sep 69

Effect of adrenocorticotropin on desoxycorticosterone, corticosterone and aldosterone excretion. Biglieri EG, et al.
J Clin Endocr 29:1090-101, Aug 69

Mineral, electrolyte and nitrogen balance studies of the Gemini-VII fourteen-day orbital space flight. Lutwak L, et al. **J Clin Endocr 29:1140-56, Sep 69**

Aldosterone and sodium response to lithium administration in man. Murphy DL, et al.
Lancet 2:458-61, 30 Aug 69

Aldosterone and sodium excretion in obese subjects on water diet. Smith R, et al. **Metabolism 18:700-5, Aug 69**

Thin-layer chromatographic separation of urinary

aldosterone for determination with the tetrazolium blue reaction. Cavina G, et al.
Steroids 14:315-25, Sep 69
[Therapeutically induced aldosteronism in hydropic cardiac insufficiency] Kaufmann W.
Arzneimittelforschung 19:802-3, May 69 (Ger)
[Nipiopharmacology of steroid hormones] Macciotta A.
Minerva Nipiol 17:204-38, Nov-Dec 67 (746 ref.) (Ita)
[New endocrine disorders attracting current interest--adrenal system] Miura K, et al.
Clin Endocr (Tokyo) 17:407-21, May 69 (130 ref.) (Jap)
[Study on a new method for the determination of 7 fractions of urinary 17-deoxycorticosteroid (DOC, Comp. B, Comp. A, allo THB, THB, THA and aldosterone). I. Method and basic experiments] Ito Y.
Folia Endocr Jap 45:12-28, 20 Apr 69 (Jap)
[Distribution of fluid between the cells and the extracellular media and mineralocorticoid function of the adrenal glands in cardiac insufficiency] Sycheva IM, et al. Kardiologiia 9:19-25, Jun 69 (Rus)
[Studies on aldosterone in obesity; urinary excretion of aldosterone and tetrahydroaldosterone] Scavo D, et al. Rev Iber Endocr 16:198-215, May-Jun 69 (Spa)

ANDROSTERONE

ANALYSIS

Quantitation of C19O2 and C21O2 steroid mono- and disulfates in human bile. Laatikainen T, et al.
Steroids 14:119-31, Aug 69
Preparation of sulfate esters. The synthesis of steroid sulfates by a dicyclohexylcarbodimide-mediated sulfation. Mumma RO, et al. Steroids 14:67-74, Jul 69
[Quantitative estimations of dehydroepiandrosterone, androsterone, etiocholanolone, estrogens and testosterone in blood plasma and skin eluats in acne vulgaris] Brehm G, et al.
Arch Klin Exp Derm 234:117-24, 1969 (Ger)

BLOOD

Peripheral plasma 11-deoxy-17-oxosteroids: alterations during pregnancy. Hankin ME, et al.
Aust New Zeal J Obstet Gynaec 9:105-7, May 69
The plasma levels of dehydroepiandrosterone sulphate, androsterone sulphate, cortisol and transcortin in Chinese, Indian and Malay males. Wang DY, et al.
Singapore Med J 10:18-23, Mar 69
[Quantitative estimations of dehydroepiandrosterone, androsterone, etiocholanolone, estrogens and testosterone in blood plasma and skin eluats in acne vulgaris] Brehm G, et al.
Arch Klin Exp Derm 234:117-24, 1969 (Ger)
[Clinical and biochemical studies in a female patient with mixed gonadal dysgenesis] Zimprich H.
Wien Klin Wschr 81:475-8 passim, 20 Jun 69 (Ger)

CHEMICAL SYNTHESIS

Preparation of sulfate esters. The synthesis of steroid sulfates by a dicyclohexylcarbodimide-mediated sulfation. Mumma RO, et al. Steroids 14:67-74, Jul 69

METABOLISM

Conjugation of androsterone by the guinea-pig kidney in vitro. Dillard M, et al. Biochem J 112:407-13, May 69

PHARMACODYNAMICS

The effect of hypocholesteremic agents on myelinogenesis. Fumagalli R, et al.
J Neurochem 16:1329-39, Sep 69

THERAPEUTIC USE

Migraine associated with hyper-pre-beta lipoproteinemia. Leviton A, et al.
Neurology (Minneap) 19:963-6, Oct 69

URINE

Chromatographic separation of 17-ketosteroids and 17-hydroxycorticosteroids on sephadex LH-20. Seki T, et al. J Chromatogr 42:503-8, 22 Jul 69
Monosulfates of 16-oxygenated ketonic C19 steroids in adult human urine. Jänne O, et al.
Steroids 14:235-50, Sep 69
[Method for determining testosterone and epitestosterone in human urine] Drosdowsky MA, et al.
Bull Soc Chim Biol (Paris) 50:1723-37, 30 Jan 69 (Fre)
[Action of cyproterone on plasma binding and metabolism of testosterone] Guillemant S, et al.
C R Acad Sci [D] (Paris) 268:2595-7, 28 May 69 (Fre)
[The effect of chorionic gonadotropin on plasma testosterone in men] Vogt JH, et al.
Nord Med 82:1045-9, 21 Aug 69 (Nor)
[Excretion of 17-ketosteroids in prepubescent girls] Szamatowicz M. Ginek Pol 40:541-7, May 69 (Pol)
[Diagnosis and therapeutic results in cases of hirsutism in women] Szamatowicz M.
Ginek Pol 40:659-67, Jun 69 (Pol)
[17-ketosteroid fraction excretion in women during the development of menopause with and without climacteric neurosis] Korneev GIa.
Probl Endokr (Moskva) 13:33-7, May-Jun 67 (Rus)
[Concerning testicular feminization] Starkova NT, et al. Probl Endokr (Moskva) 14:10-4, Nov-Dec 68 (Rus)

BETAMETHASONE

[Comparative studies on the effect of different glucocorticoids in the corticoid glucose tolerance test] Fiegel G, et al.
Int Z Klin Pharmakol Ther Toxik 2:94-100, Jan 69 (Ger)

ADMINISTRATION & DOSAGE

[Treatment of chronic skin diseases with adhesive occlusive bandages] Feizmann B.
Deutsch Med J 20:462-3, Jul 69 (Ger)
[Successfully treated case of cryptococcus meningitis with the combination therapy of amphotericin B and adrenal cortex hormones] Ito E, et al.
Saishin Igaku 24:904-8, Apr 69 (Jap)

ADVERSE EFFECTS

Iatrogenic dermatitis. Sneddon I.
Brit Med J 2:49, 4 Oct 69

BLOOD

Plasma binding of betamethasone-3H, dexamethasone-3H, and cortisol-14C--a comparative study. Peets EA, et al.
Biochem Pharmacol 18:1655-63, Jul 69

METABOLISM

Plasma binding of betamethasone-3H, dexamethasone-3H, and cortisol-14C--a comparative study. Peets EA, et al.
Biochem Pharmacol 18:1655-63, Jul 69

PHARMACODYNAMICS

The influence of beta-methasone on antimicrobial activity of gentamicin. Raab W, et al.
Experientia 25:717-8, 1969
Corticosteroids and adrenal function.
JAMA 209:1713, 15 Sep 69
[Value of human pharmacology test methods in the comparative assessment of topical corticosteroids] Holzmann H, et al.
Arch Klin Exp Derm 234:261-72, 1969 (Ger)
[Study on changes in hepatic tryptophan pyrrolase induced by various corticosteroids in rats] Nicolis FB, et al. Acta Vitamin (Milano) 23:19-26, 1969 (Ita)
[Action of Betamethasone phosphate in experimental caries] Briguglio E.
Stomatologica (Genova) 12:381-91, Oct-Dec 68 (Ita)

THERAPEUTIC USE

Effect of intranasal betamethasone-17-valerate on allergic rhinitis and adrenal function. Brostoff J, et al.
J Allerg 44:77-81, Aug 69
Cerebral metastases from carcinoma of the lung. Spiers AS. Med J Aust 2:178-83, 26 Jul 69
Betamethasone valerate ointment (Valisone).
Med Lett Drugs Ther 11:76, 5 Sep 69
Field trials of a new long-acting corticosteroid in the treatment of equine arthropathies. Houdeshell JW.
Vet Med 64:782-4, Sep 69
A rapid and prolonged acting corticosteroid for acute

inflammatory orthopedic problems. Clarke GR. W Virginia Med J 65:241-3, Aug 69
[Anosmia and cortisone] Rebattu JP. J Franc Otorhinolaryng 16:345-6, May 67 (Fre)
[Clinical trials and importance of betamethasone phosphate in otorhinolaryngology] Rivasseau J. Rev Laryng (Bordeaux) 88:624-6, Jul-Aug 67 (Fre)
[Betamethasone associated with hydroxocobalamin in the treatment of neuralgic syndromes] Capra F, et al. Clin Ter 43:465-74, 15 Dec 67 (Ita)
[Recurring Morgagni-Adams-Stokes attacks due to ventricular fibrillar flutter in a young patient] Correale E, et al. Rass Int Clin Ter 47:1238-53, 30 Nov 67 (Ita)

CORTICOSTERONE

The role of cytochrome P-450 in the mechanism of inhibition of steroid 11 beta-hydroxylation by dicumarol. Williamson DG, et al. Biochemistry (Wash) 8:1300-6, Apr 69
Interactions of hormonal steroids with nucelic acids. I. A specific requirement for guanine. Cohen P, et al. Proc Nat Acad Sci USA 63:458-64, Jun 69

ADVERSE EFFECTS

Systemic effects of topically applied corticosteroid hormones. Herdenstam CG. Acta Dermatovener (Stockholm) 49:167-70, 1969

ANALYSIS

"In vitro" studies of circadian rhythms in hypothalamic-pituitary-adrenal systems. Ungar F. Rass Neurol Veg 21:57-70, 30 Apr 67
Fluorometric assay of corticosterone after purification by bidimensional thin-layer chromatography in birds. Bouillé C, et al. Steroids 14:7-20, Jul 69
The presence of the adult-type pattern of adrenal steroids in the one day old rat. Philpott JE, et al. Steroids 14:21-31, Jul 69
[Paper chromatographic demonstration of corticosteroid fractions of the human spleen in various causes of death] Fazekas IG, et al. Acta Hepatospien (Stuttgart) 16:254-64, Jul-Aug 69 (Ger)
[Experimental animal studies of sulfonylureas on adrenal medulla and adrenal cortex] Noetzel G, et al. Arzneimittelforschung 19:1171-7, Aug 69 (Ger)
[The effect of ACTH on the steroidogenesis in the adrenal glands of rat embryos in experiments in vitro] Sakhatskaia TS. Probl Endokr (Moskva) 14:51-4, May-Jun 68 (Rus)

BIOSYNTHESIS

Further studies on corticosteroidogenesis. VI. Pyruvate and malate supported steroid 11-beta-hydroxylation in rat adrenal gland mitochondria. Péron FG, et al. Biochim Biophys Acta 180:445-58, 5 Aug 69
Persistence of the steroidogenic effect of adenosin-3',5'-monophosphate in vitro: evidence for a third factor during the steroidogenic effect of ACTH. Farese RV, et al. Endocrinology 85:867-74, Nov 69
Similarities between effects of adenosine 3',5'-monophosphate and guanosine 3' 5'-monophosphate on liver and adrenal metabolism. Glinsmann WH, et al. Endocrinology 85:711-9, Oct 69
Response of rat adrenal tissue to ACTH in a flowing system. Saffran M, et al. Endocrinology 85:652-6, Oct 69
Production of hypertensive vascular disease in the rat by methyltestosterone. Molteni A, et al. Lab Invest 21:129-37, Aug 69
Melatonin and its precursors' effects on 131-I uptake by the thyroid gland under different photic conditions. De Prospo ND, et al. Life Sci 8:837-42, 1 Aug 69

BLOOD

Systemic effects of topically applied corticosteroid hormones. Herdenstam CG. Acta Dermatovener (Stockholm) 49:167-70, 1969
3H-Corticosterone metabolism in the rat. Lowy J, et al. Acta Endocr (Kobenhavn) 61:483-93, Jul 69
Divergent responses of arteriosclerotic and non-arteriosclerotic rats to a catabolic dose of cortisone. Wexler BC, et al. Acta Endocr (Kobenhavn) 61:509-24, Jul 69
The simultaneous fluorimetric determination of corticosterone and cortisol in human plasma. Sasaki H, et al. Acta Med Biol (Niigata) 17:65-83, Jun 69
Corticosteroidogenic effect of long-acting beta 1-24corticotrophin (CIBA 42.915 BA). Asfeldt VH. Acta Med Scand 184:379-82, Nov 68
Effects of intracerebral dexamethasone on pituitary-adrenal function in female rats. Zimmermann E, et al. Amer J Physiol 217:392-6, Aug 69
Some relationships between effects of insecticides and other stress conditions. Murphy SD. Ann NY Acad Sci 160:366-77, 1969
Brain monoamines and adrenocortical activation. De Schaepdryver A, et al. Brit J Pharmacol 35:460-7, Mar 69
Studies on regenerating adrenal cortex. 2. Autoradiographic and electron microscopic observations. Seki M, et al. Endocr Jap 16:361-77, Jun 69
Evidence for a diurnal rhythm of corticotropin-releasing factor (CRF) in the hypothalamus. David-Nelson MA, et al. Endocrinology 85:861-6, Nov 69
Hypothalamic control of ACTH release from ectopic pituitary glands. Sirett NE, et al. Endocrinology 85:784-8, Oct 69
Effects of chronic melatonin and saline injections on pituitary adrenal secretion. Barchas J, et al. Experientia 25:413-4, 15 Apr 69
The duration of action of the synthetic pentacosapeptide D-serine-1-norleucine-4-valinamide-25-beta-1-25-corticotrophin (DW-75) in man. Friedman M. Experientia 25:416-9, 15 Apr 69
Inhibition of adrenal cortical hormones by an extract of lymphoid tissue. Radoiu N, et al. Experientia 25:643-5, 15 Jun 69
Synthesis and antialdosterone activity of substituted 2,3,3-triphenylpropylamines. Blank B, et al. J Med Chem 12:873-6, Sep 69
Modification of insulin response and alloxan diabetes by hypothalamic lesions in rats. Kokka N, et al. Neuroendocrinology 4:333-46, 1969
Pituitary-adrenal activation following intrahypothalamic microinjection of morphine. Lotti VJ, et al. Neuroendocrinology 4:326-32, 1969
Effects of litter size on emotionality, adrenocortical reactivity, and susceptibility to gastric erosions in the rat. Grota LJ, et al. Psychol Rep 24:547-9, Apr 69
Hormonal pattern in bronchial asthma (reversible obstructive lung disease). 1. Role of adrenal steroids. Weller HH, et al. Scand J Resp Dis 49:163-84, 1968
Fluorometric assay of corticosterone after purification by bidimensional thin-layer chromatography in birds. Bouillé C, et al. Steroids 14:7-20, Jul 69
The presence of the adult-type pattern of adrenal steroids in the one day old rat. Philpott JE, et al. Steroids 14:21-31, Jul 69
[Post-operative development of corticosteronemia after hypophysectomy or hypophthalamo-hypophyseal disconnection in ducks] Baylé JD. J Physiol (Paris) 60:Suppl 2:397, 1968 (Fre)
[Role of the fetal adrenal in increase of plasmatic corticosterone in rats at the end of gestation] Kamoun A, et al. J Physiol (Paris) 60:Suppl 2:475, 1968 (Fre)
[Problems raised by fluorometric determination of plasma cortisol in congenital hyperplasia of adrenal glands] Pham-Huu-Trung, et al. Path Biol (Paris) 17:487-91, May 69 (Fre)
[Effect of inflammatory reactions on the concentration of corticosterone in rat plasma] Haas H, et al. Naunyn Schmiedeberg Arch Pharm 264:86-98, 1969 (Ger)
[On serum ACTH] Imura H, et al. Jap J Clin Med 27:1407-21, May 69 (61 ref.) (Jap)
[Observation on the action mechanism of ACTH] Imura H, et al. Jap J Clin Med 27:1425-9, May 69 (Jap)
[Central nervous control of the pituitary-adrenal system, with special reference to the function of the hippocampus in stress] Kawakami M, et al. Jap J Clin Med 27:1348-62, May 69 (Jap)
[On the etiology and several primary measures in the prevention of arteriosclerosis and ischemic heart disease] Tiavokin VV. Kardiologiia 9:141-7, May 69 (Rus)
[Method for separative determination of hydrocortisone and corticosterone in small volumes

of plasma] Botvin'ev OK, et al.
Lab Delo 6:341-4, 1969 (Rus)
[Fluorometer for the determination of 11-hydroxy corticosteod n blood plasma] Frenkel' ID, et al.
Lab Delo 2:118, 1968 (Rus)
[Determination of corticosterone in blood outflowing from the adrenal glands by means of thin-layer chromatography] Golikov PP.
Lab Delo 8:467-9, 1967 (Rus)
[A rapid method of corticosterone determination] Golikov PP. Lab Delo 6:375, 1969 (Rus)
[Modification of the fluorometric method of determination of 11-oxycorticosteroids in blood plasma] Minsker EI, et al. Lab Delo 6:366-7, 1968 (Rus)
[Corticosteroids and concomitant compounds isolated from the peripheral blood and the blood of adrenal veins of Macacus rhesus] Goncharov NP.
Probl Endokr (Moskva) 15:58-62, Jan-Feb 69 (Rus)
[Trascortin content in the lasmaof rats after administration of corticosteroids] Komissarenko VP, et al. Probl Endokr (Moskva) 15:54-8, Jan-Feb 69 (Rus)

ISOLATION & PURIFICATION

Aldosterone biosynthesis by human fetal adrenal in vitro. Dufau ML, et al.
Biochim Biophys Acta 176:637-40, 29 Apr 69
Fluorometric assay of corticosterone after purification by bidimensional thin-layer chromatography in birds. Bouillé C, et al. Steroids 14:7-20, Jul 69

METABOLISM

3H-Corticosterone metabolism in the rat. Lowy J, et al.
Acta Endocr (Kobenhavn) 61:483-93, Jul 69
Studies on the metabolism of corticosteroids in the human foeto-placental unit. 2. Corticosterone metabolism in previable foetuses. Pasqualini JR, et al.
Acta Endocr (Kobenhavn) 60:237-48, Feb 69
Dynamic asymmetries in the corticosteroid feedback path and distribution-metabolism-binding elements of the adrenocortical system. Dallman MF, et al.
Ann NY Acad Sci 156:696-721, 21 Apr 69
A comparative study of steroid biosyntheses in vitro. In clear cell adenoma and its adjacent tissue of human adrenal gland. Tamaoki BI.
Endocr Jap 16:47-54, Feb 69
Individual corticosteroids in the urine of children. Savage DC, et al. J Endocr 44:453-4, Jul 69
Peroxidase-associated binding of estradiol by the rat uterus. Brökelmann J.
J Histochem Cytochem 17:394-7, Jun 69
[Synthesis in vitro of 18-hydroxycorticosterone and aldosterone by 3 adenomas of the adrenal glomerula zone (Conn's syndrome) I. Conversion output] Legrand JC, et al.
Bull Soc Chim Biol (Paris) 51:307-20, 26 Jun 69 (Fre)
[Synthesis in vitro of 18 hydroxycorticosterone and aldosterone by 3 adenomas of the adrenal glomerula zone (conn's syndrome) II. Metabolic routes] Zogbi F, et al.
Bull Soc Chim Biol (Paris) 51:321-6, 26 Jun 69 (Fre)
[Regeneration of the adrenal cortex after neonatal autograft] Brudieux R.
C R Soc Biol (Paris) 163:125-9, 1969 (Fre)
[New data on seasonal endocrine cycles] Delost P.
J Physiol (Paris) 60:Suppl 2:356, 1968 (Fre)
[Half-life, metabolic clearance rate and rate of corticosterone secretion in rats during gestation and lactation] Kamoun A, et al.
J Physiol (Paris) 60:Suppl 2:474, 1968 (Fre)
[Effect of inflammatory reactions on the concentration of corticosterone in rat plasma] Haas H, et al.
Naunyn Schmiedeberg Arch Pharm 264:86-98, 1969 (Ger)

PHARMACODYNAMICS

Adrenal-renal function in water snakes Natrix cyclopion. Elizondo RS, et al.
Amer J Physiol 217:419-25, Aug 69
Increase in activity of glucose 6-phosphate dehydrogenase in mouse mammary tissue cultured in insulin. Leader DP, et al. Biochem J 113:175-82, Jun 69
Uptake and metabolism in vivo of testosterone-1,2-3H by accessory sex organs of male rats; influence of some hormonal compounds. Tveter KJ, et al.
Endocrinology 85:683-9, Oct 69
Impaired accumulation of ribonucleic acid precursors and depletion of ribonucleic acid in glucocorticoid-treated bone cells. Peck WA, et al.
J Biol Chem 244:4174-84, 10 Aug 69
Role of adrenocortical hormones in growth and development of salivary glands in immature female rats. Liu FT, et al. J Dent Res 48:602, Jul-Aug 69
Inhibition by steroids of parathyroid hormone-induced Ca45 release from embryonic rat bone in vitro. Stern PH. J Pharmacol Exp Ther 168:211-7, Aug 69
Mechanical performance and calcium metabolism in rat isolated heart muscle after adrenalectomy. Gerlach A, et al. Pflueger Arch 311:96-108, 1969
Effect of carbon tetrachloride on induction of liver enzymes by acute stress or corticosterone. Murphy SD, et al. Toxic Appl Pharmacol 15:117-30, Jul 69
[The effect of corticosterone administration on sodium-potassium ratio in the extra- and intracellular space of the skeletal muscles in rats] Garina IA, et al.
Probl Endokr (Moskva) 15:93-7, May-Jun 69 (Rus)

SECRETION

Influence of renal nerves on the secretion of aldosterone in the rat. Kinson GA, et al.
Acta Endocr (Kobenhavn) 61:239-47, Jun 69
Brain monoamines and adrenocortical activation. De Schaepdryver A, et al.
Brit J Pharmacol 35:460-7, Mar 69
Temporal relationships of puromycin and ACTH effects on cultured hamster adrenal glands. Andrews RV. Comp Biochem Physiol 30:123-8, 1 Jul 69
Fetal secretion of glucocorticoids. Jackson BT, et al.
Endocrinology 85:875-80, Nov 69
Hypothalamic control of ACTH release from ectopic pituitary glands. Sirett NE, et al.
Endocrinology 85:784-8, Oct 69
Peptide-secreting tumours with special reference to the pancreas. Sircus W. Gut 10:506-15, Jul 69 (66 ref.)
Factors in the maturation of the adrenal. Levine S.
Rass Neurol Veg 21:29-40, 30 Apr 67
[Secretion of corticosteroids after adrenal autografts in rats] Brudieux R, et al.
J Physiol (Paris) 60:Suppl 2:411, 1968 (Fre)
[Half-life, metabolic clearance rate and rate of corticosterone secretion in rats during gestation and lactation] Kamoun A, et al.
J Physiol (Paris) 60:Suppl 2:474, 1968 (Fre)
[Corticosterone-secreting adrenocortical tumor] Kono T. Jap J Clin Med 27:1508-9, May 69 (Jap)
[Secretion of 11-desoxycorticosterone of the adrenal glands in rabbits] Krekhova MA.
Probl Endokr (Moskva) 14:86-90, Jul-Aug 68 (Rus)
[Hypermineralocorticoidism]
Rev Clin Esp 113:463-4, 15 Jun 69 (Spa)

THERAPEUTIC USE

[The therapy of blood platelet disorders] Gross R.
Haemat Bluttransfus 6:176-89, 1969 (Ger)

URINE

Systemic effects of topically applied corticosteroid hormones. Herdenstam CG.
Acta Dermatovener (Stockholm) 49:167-70, 1969
3H-Corticosterone metabolism in the rat. Lowy J, et al.
Acta Endocr (Kobenhavn) 61:483-93, Jul 69
The duration of action of the synthetic pentacosapeptide D-serine-1-norleucine-4-valinamide-25-beta-1-25-corticotrophin (DW-75) in man. Friedman M.
Experientia 25:416-9, 15 Apr 69
Chromatographic separation of 17-ketosteroids and 17-hydroxycorticosteroids on sephadex LH-20. Seki T, et al. J Chromatogr 42:503-8, 22 Jul 69
Effect of adrenocorticotropin on desoxycorticosterone, corticosterone and aldosterone excretion. Biglieri EG, et al.
J Clin Endocr 29:1090-101, Aug 69

CORTISONE

Experimental variola in monkeys. I. Studies on disease enhancing property of cortisone in smallpox. A preliminary report. Rao AR, et al.
Indian J Med Res 56:1855-65, Dec 68
Cobalt-cortisone interrelationships in the induction and inhibition of cleft palate in mice. Kasirsky G, et al.
J Pharm Sci 58:766-7, Jun 69
Management of contaminated surgical wounds. Conolly

WB, et al.
Surg Gynec Obstet 129:593-601, Sep 69 (59 ref.)
[Quantitative determination of prednisone in the presence of cortisone in culture fluid] Gotovtseva VA, et al. Lab Delo 2:101-2, 1969 (Rus)

ADMINISTRATION & DOSAGE

Sarcoid of e external ear. Cavallaro AG.
Arch Otolaryng (Chicago) 90:293-5, Sep 69
Evaluation of metopiron and ACTH tests in prolonged corticosteroid treatment of chronic asthma. Lass N, et al. Int Arch Allerg 36:180-5, 1969
The effect of aldosterone on the electrical activity of rat colon. Edmonds CJ, et al. J Endocr 44:363-77, Jul 69
Cobalt-cortisone interrelationships in the induction and inhibition of cleft palate in mice. Kasirsky G, et al.
J Pharm Sci 58:766-7, Jun 69
[Diabetes mellitus. Present concepts and therapeutic implications] L'Hortet GC de, et al.
Presse Med 76:2389-92, 21 Dec 68 (Fre)
[Prescription of corticotherapy on alternate days for long periods] Akoun G, et al.
Sem Hop Paris 44:3141-9, 8 Dec 68 (Fre)
[Massive corticotherapy in the treatment of septicemic collapse] Mirouze J, et al.
Sem Hop Paris 45:1663-72, 20 May 69 (Fre)
[Some problems of the mechanism of action of cortisone in its local, intranasal administration] Damiak LB, et al.
Vestn Otorinolaring 29:67-74, Nov-Dec 67 (Rus)

ADVERSE EFFECTS

Cortisone-induced nephropathy in young and adult rabbits. Tanaka O.
Acta Med Biol (Niigata) 17:9-22, Jun 69
Long-term results of steroid therapy in adults with idiopathic nephrotic syndrome. Miller RB, et al.
Amer J Med 46:919-29, Jun 69
A physiological study on the nature of the effect of cortisone. Nagai K.
J Nihon Univ Sch Dent 11:48-54, Jun 69
The resistance of guinea-pigs to cortisone ulcerogenesis. Heisler S, et al.
J Pharm Pharmacol 21:269-71, Apr 69
[Massive corticotherapy in the treatment of septicemic collapse] Mirouze J, et al.
Sem Hop Paris 45:1663-72, 20 May 69 (Fre)
[Administration of drugs during pregnancy] Müller WC. Munchen Med Wschr 111:1687-92, 22 Aug 69 (Ger)
[Pharmacologic interactions of anesthesiologic importance. I. Interference between preoperative pharmacotherapy and anesthetic drugs] Pellerano P.
Acta Anaesth (Padova) 18:905-11, Nov-Dec 67 (Ita)
[Hematochemical findings and pathogenetic considerations in a case of psychoses due to cortisone compounds] Gambier R.
G Psichiat Neuropat 96:519-33, 1968 (Ita)
[Clinical and therapeutic considerations on glaucoma due to cortisone] Sbordone M, et al.
Minerva Oftal 9:172-6, Sep-Oct 67 (Ita)
[Congenital malformations caused by cortisone. Experimental study] Filippi B, et al.
Stomatologica (Genova) 12:261-72, Oct-Dec 68 (Ita)
[The teratogenic action of steroids in the production of experimental cleft palate] Loevy H.
Odont Atual 2:11-8, Jun 69 (Por)
[Local bone destruction after intra-articular injection of corticosteroids] Sevastik J, et al.
Nord Med 81:949-51, 31 Jul 69 (Swe)

ANALYSIS

[Paper chromatographic demonstration of corticosteroid fractions of the human spleen in various causes of death] Fazekas IG, et al.
Acta Hepatospien (Stuttgart) 16:254-64, Jul-Aug 69 (Ger)

ANTAGONISTS & INHIBITORS

Presence, induction and possible role of glucose 6-phosphatase in mammalian pancreatic islets. TäljedalIB. Biochem J 114:387-94, Sep 69
The possible role of histamine in the coritsone induced gastric acid hypersecretion of the guinea-pig. Heisler S, et al. Brit J Pharmacol 35:498-509, Mar 69

BIOSYNTHESIS

[Synthesis of steroids beginning with Na-1-14C acetate by wild hamster (Cricetus cricetus L.) adrenal cortex and brown fat in organ culture] Linck G, et al.
J Physiol (Paris) 60:Suppl 2:490, 1968 (Fre)

BLOOD

Excretion of 4-14C-cortisol and 1,2-3H-D-aldosterone in human thermal sweat. Jenkins ME, et al.
J Clin Endocr 29:1102-6, Aug 69
Hepatic and extrahepatic steroid metabolism in extracorporeal circulation with and without hypothermia in dogs. Milcu SM, et al.
Rev Roum Physiol 6:99-105, 1969
[Aspects of insulinemic answer to glucose-cortisone load in prediabetic patients] Sensi S, et al.
Folia Endocr (Roma) 21:459-84, Aug 68 (Ita)

CHEMICAL SYNTHESIS

The synthesis of etiojervane analogues of cortisone. Masamune T, et al. Tetrahedron 25:3145-56, Aug 69

DIAGNOSTIC USE

Estimation of vascular basement membrane thickness. Theoretical and practical considerations. Williamson JR, et al. Diabetes 18:567-78, Aug 69
[Diabetes mellitus. Present concepts and therapeutic implications] L'Hortet GC de, et al.
Presse Med 76:2389-92, 21 Dec 68 (Fre)
[The intravenous glucose tolerance test and the intravenous glucose cortisone tolerance test in relation to the behavior of inorganic serum phosphate] Haacke H, et al.
Aerztl Forsch 23:95-9, 1969 (Ger)
[Early recognition of the diabetic metabolic state] Pristautz H. Wien Med Wschr 119:425-9, 7 Jun 69 (Ger)
[Diagnostic value of exploratory tests for diabetes mellitus] Mincu I.
Med Intern (Bucur) 21:387-94, Apr 69 (Rum)

METABOLISM

Steroid metabolism in the cat. Biliary and urinary excretion of metabolites of [4-14C]cortisone. Taylor W. Biochem J 113:259-61, Jun 69
Inhibition of steroid delta-4-reductase by polysulfated polysaccharides and para-chloromercuribenzoic acid. Troop RC. Europ J Pharmacol 7:80-4, Jul 69
[Effect of some azo dyes on certain pathways of anaerobic metabolism] Manchon P, et al.
Food Cosmet Toxic 6:439-48, Dec 68 (Fre)
[On the diabetes--allergic asthma antagonism and its physiopathologic mechanism] Laborie F, et al.
J Med Bordeaux 144:1143-52, Aug 67 (Fre)
[Transformation of steroids by some thermophilic microorganisms] Kogan LM, et al.
Mikrobiologiia 37:628-35, Jul-Aug 68 (Rus)

PHARMACODYNAMICS

The induction of cleft palate by cortisone in several inbred strains of mice. Jirsáková A, et al.
Acta Chir Plast (Praha) 11:85-95, 1969
Studies on trauma. 3. Plasma iron elimination rate. Liljedahl SO, et al. Acta Chir Scand 135:275-80, 1969
Overweight in offspring of cortisone-treated pregnant rats. Angervall L, et al.
Acta Endocr (Kobenhavn) 60:36-46, Jan 69
The relative effects of cortisone and triamcinolone (9alpha-fluoro-16alpha-hydroxyprednisolone) on the urinary excretion of trsin inhibitor in man. Faarvang HJ, et al. Acta Endocr (Kobenhavn) 61:477-82, Jul 69
Divergent responses of arteriosclerotic and non-arteriosclerotic rats to a catabolic dose of cortisone. Wexler BC, et al.
Acta Endocr (Kobenhavn) 61:509-24, Jul 69
Effect of adrenal cortical hormones and insulin on the alkaline phosphatase activity of alveolar bone in scorbutic guinea pigs. Akamura R, et al.
Arch Oral Biol 14:725-8, Jun 69
The pentose phosphate pathway of glucose metabolism. Hormonal and dietary control of the oxidative nd non-oxidative reactions and related enzymes of the cycle in adipose tissue. Gumaa KA, et al.
Biochem J 114:253-64, Sep 69
Presence, induction and possible role of glucose

6-phosphatase in mammalian pancreatic islets. TäljedalIB. Biochem J 114:387-94, Sep 69
The possible role of histamine in the coritsone induced gastric acid hypersecretion of the guinea-pig. Heisler S, et al. Brit J Pharmacol 35:498-509, Mar 69
Endocrine influence on urinary 5-hydroxyindoleacetic acid output in the rat. Abdel-Aziz A. Europ J Pharmacol 7:49-55, Jul 69
Transport of mast cells by the blood circulation. Csaba G, et al. Experientia 25:735-6, 1969
Maintenance of thyroid activity with some steroids in hypophysectomized and gonadectomized catfish, Mystus vittatus (Bloch). Singh TP. Experientia 25:431, 15 Apr 69
Practically applicable results of twenty years of research in endocrinology. Tausk M. Fortschr Arzneimittelforsch 12:137-64, 1968 (130 ref.)
Further studies on chemically induced tolerance to heterologous red cells in mice. Dietrich FM, et al. Int Arch Allerg 36:91-102, 1969
The effect of cortisone on the volume and total protein content of mouse liver nuclei. Amaral L, et al. J Cell Biol 42:835-6, Sep 69
Cytogenetic studies of normal and cleft-palate epitheliums in mice. Nasjleti CE, et al. J Dent Res 48:590-4, Jul-Aug 69
Study of closure of the embryonic rat palate in vitro with the effects of certain chemicals. Thompson JF, et al. J Dent Res 48:568-72, Jul-Aug 69
Excretion of radiocopper by the neonatal rat. Mearrick PT, et al. J Lab Clin Med 74:421-6, Sep 69
A physiological study on the nature of the effect of cortisone. Nagai K. J Nihon Univ Sch Dent 11:48-54, Jun 69
Effect of estradiol, testosterone, cortisone acetate, somatotropin, thyrotropin and parathyroid hormone on the lumbar intervertebral disc in growing dogs. Paatsama S, et al. J Small Anim Pract 10:351-4, Aug 69
The effect of cortisone acetate on the oral inoculation with Candida albicans in the germ-free mice. Nishikawa T. Keio J Med 18:47-57, Mar 69
Effect of demethyl sulfoxide on serum enzymes and tissues of rats given epinephrine and cortisone. Highman B, et al. Life Sci 8:673-83, 1 Jul 69
Effects of cortisone on thyroidal iodine uptake in hypophysectomized, nephrectomized rats. McHugh WB, et al. Proc Soc Exp Biol Med 131:1417-9, Sep 69
The effect of x-irradiation on the balance between the alkaline ribonuclease and the alkaline ribonuclease inhibitor of mammalian tissues. Kraft N, et al. Radiat Res 39:655-68, Sep 69
Toxicity of the genus Dieffenbachia. Fochtman FW, et al. Toxic Appl Pharmacol 15:38-45, Jul 69
Effect of Escherichia coli endotoxin on locomotor activity of mice. Lal H, et al. Toxicon 7:39-42, Jun 69
[On the origin of liver and muscle glycogen deposits provoked by cortisone] Cahn T, et al. Arch Sci Physiol (Paris) 23:89-108, 1969 (Fre)
[Apropos of the thymus histo-enzymatic activity of normal rats and rats under the action of corticoids] Catayée G, et al. C R Acad Sci [D] (Paris) 268:2704-6, 2 Jun 69 (Fre)
[Adaptation of a cytomegalic virus from fieldmice (Apodemus sylvaticus) on various heterologous cells, human included] Raynaud J, et al. C R Acad Sci [D] (Paris) 269:104-6, 7 Jul 69 (Fre)
[Effect of some azo dyes on certain pathways of anaerobic metabolism] Manchon P, et al. Food Cosmet Toxic 6:439-48, Dec 68 (Fre)
[Phosphorylase activity of rat myocardium] Lacroix E, et al. J Physiol (Paris) 60:Suppl 2:479, 1968 (Fre)
[Histometric studies of the adrenal glands in rats. The effect of ACTH administration, formalin stress, hypophysectomy and cortisone treatment on the adrenal gland zones] Kovács K, et al. Z Mikr Anat Forsch 79:413-33, 1968 (Ger)
[Histological study of the morphokinesis of the adrenal cortex] Merkle U. Z Mikr Anat Forsch 79:460-76, 1968 (Ger)
[Histochemical study of periodontal tissue during tooth movement in the rat] Deguchi T. J Jap Orthodont Soc 28:1-11, Jun 69 (Jap)
[Experimental study on fluctuation in hexosamine levels in the cartilage, serum and urine, with special reference to its relations to bone growth] Yoshida T. J Jap Orthop Ass 43:37-50, Jan 69 (Jap)
[The decrease of sex chromatin ratio in spinal cord nerve cells of female cats] Romer TE. Endokr Pol 20:343-9, 1969 (Pol)
[Morphology of the smooth muscle cells of the vascular tunica media in several regional hemodynamic changes] Kaufman OIa. Arkh Pat 30:22-6, 1968 (Rus)
[The action of cortisone on the synthesis of nucleic acids in sea-urchin embryos] Chestukhin AV, et al. Biokhimiia 34:242-8, Mar-Apr 69 (Rus)
[Lactic dehydrogenase isoenzymes in the thymus of rats during cortisone administration] Atanasov NA. Probl Endokr (Moskva) 13:77-81, May-Jun 67 (Rus)
[Some problems of the mechanism of action of cortisone in its local, intranasal administration] Daĭniak LB, et al. Vestn Otorinolaring 29:67-74, Nov-Dec 67 (Rus)
[Effect of cortisone on some enzymes in rabbit kidney] Mitev IP, et al. Vop Med Khim 15:75-8, Jan-Feb 69 (Rus)

THERAPEUTIC USE

Synovectomy, a new approach to haemophilic arthropathy. Storti E, et al. Acta Haemat (Basel) 41:193-205, 1969
Styloid syndrome in absence of an elongated process. Steinmann EP. Acta Otolaryng (Stockholm) 66:347-56, Oct 68
Case of regional enteritis culminating into a postoperative short bowel syndrome. Melich EI. Amer J Gastroent 52:231-53, Sep 69
Long-term results of steroid therapy in adults with idiopathic nephrotic syndrome. Miller RB, et al. Amer J Med 46:919-29, Jun 69
Anterior and posterior hypopituitarism associated with sickle cell trait. Pastore RA, et al. Ann Intern Med 71:593-8, Sep 69
Beta-glucuronidase activity in adrenals of patients with or without cancer. Hoch-Ligeti C, et al. Cancer 24:796-802, Oct 69
Dermatomyositis and associated lesions of the gastrointestinal tract. Gennaro AR, et al. Dis Colon Rectum 12:256-60, Jul-Aug 69
The changing picture of puerperal sepsis under the influence of modern drugs. Ovadia JL, et al. Gynaecologia (Basel) 168:55-62, 1969
Rheumatoid arthritis and drugs. I. Sanders HJ. Industr Med Surg 38:237-50, Aug 69
Toxicity of Pasteurella tularensis killed by ionizing radiation. Landay ME, et al. J Bact 96:804-10, Sep 68
Leukemia L 1210 homograft in Swiss mice: immunologic, cellular and chemotherapeutic responses. Prince HN, et al. J Immun 103:324-33, Aug 69
Management of craniopharyngioma in childhood. Matson DD, et al. J Neurosurg 30:377-90, Apr 69
Labyrinthitis luetica. Haye R. J Oslo City Hosp 19:68-72, Apr 69
Prevention of anaphylactoid reaction by glucocorticoid and endotoxin-conditioning. Fukuda T, et al. Jap J Physiol 19:342-9, 15 Jun 69
Herpes vulvitis. Dickie EG. Obstet Gynec 34:434-66, Sep 69 (113 ref.)
The investigation of an arbovirus encephalitis. Webb HE. Postgrad Med J 45:371-81, Jun 69
Cortisone and immediate fasciotomy in the treatment of severe rattlesnake bite. Glass TG Jr. Texas Med 65:40-7, Jul 69
[Apropos of the embryotoxic and teratogenic actions of Triton WR 1339 in mice: influence of cortisone] Roussel C, et al. C R Acad Sci [D] (Paris) 269:358-61, 1969 (Fre)
[On the antagonism between diabetes and allergic asthma and their physiopathologic mechanism] Laborie F, et al. Derm Int 7:215-21, Oct-Dec 68 (Fre)
[Current data on cerebral edema. II. Therapeutical aspects] Philippon J, et al. Presse Med 76:2393-4, 21 Dec 68 (Fre)
[Malignant hemopathy of the aplastic kind with important nuclear anomalies of granulocytes] Morel P, et al. Sem Hop Paris 44:3026-8, 26 Nov 68 (Fre)
[Severe toxic hepatitis] Pallard P, et al. Sem Hop Paris 45:2077-84, 26 Jun 69 (Fre)
[Biochemical studies of the connective tissue metabolism in human and experimental liver cirrhosis] Becker K. Deutsch Z Verdau Stoffwechselkr 28:161-2, 1968 (Ger)
[Eye drops containing antibiotics and corticosteroids. Review of literature] Renovanz HD, et al. Med Welt 18:1084-90, 3 May 69 (60 ref.) (Ger)
[Problems of climatotherapy in dermatoses. Indications and chances of success] Borelli S. Munchen Med Wschr 111:1709-17, 29 Aug 69 (Ger)
[Changes of bones and joints in hemochromatosis]

Dorfmann H, et al.
Munchen Med Wschr 111:1396-401, 20 Jun 69 (Ger)
[Experiments on prophylaxis of adhesions in the genital tracts of female rats. A proteinase inactivator, cortisone and chondroitinsulfuric acid do not prevent adhesions] Bregulla K, et al.
Z Ges Exp Med 150:346-53, 1969 (Ger)
[Animal experiment studies on influencing the effect of a temporary coronary artery occlusion on the myocardium] Enderle A, et al.
Z Kreislaufforsch 58:465-72, May 69 (Ger)
[Contribution to the knowledge of Brill-Symmers disease with pharyngo-cervical location] Sandri L.
Ann Laring 66:942-56, Nov-Dec 67 (Ita)
[Catecholamines and ischemic cardiopathy. Various aspects of the therapy of myocardial infarct] Messini M. Clin Ter 42:385-405, 15 Sep 67 (Ita)
[Hematochemical findings and pathogenetic considerations in a case of psychoses due to cortisone compounds] Gambier R.
G Psichiat Neuropat 96:519-33, 1968 (Ita)
[Sphygmographic and rheographic findings in the aortic arch syndrome] Macchioni P, et al.
Minerva Cardioangiol 16:491-5, Jun 68 (Ita)
[Morton's metatarsalgia] Poliono F, et al.
Minerva Ortop 18:567-9, Sep 67 (Ita)
[Considerations on 4 cases of acute acrodermatitis in children (Crosti-Gianotti syndrome)] Bertaggia A, et al. Pediatria (Napoli) 75:960-76, 31 Dec 67 (Ita)
[Observation on long-term treatment of 5 cases of Addison's disease] Sugimoto T, et al.
Clin Endocr (Tokyo) 17:531-6, Jun 69 (Jap)
[Hashimoto's thyroiditis. (Apropos of 17 cases)] Chifan M, et al.
Rev Medicochir Iasi 73:375-80, Apr-Jun 69 (Rum)
[Some considerations on the treatment of eczema in infants and eczema in early childhood with cortisone and ACTH] Leo-Miza I.
Rev Medicochir Iasi 73:333-5, Apr-Jun 69 (Rum)
[Course of the active Arthus phenomenon in rabbits under the action of aurantin, oxytetracycline, 6-mercaptopurine and cortisone] Fedorov EI, et al.
Antibiotiki 14:532-5, Jun 69 (Rus)
[On the use of glucocorticoids in surgery for pulmonary tuberculosis] Bashmakov AI.
Klin Khir (Kiev) 2:60-3, Feb 67 (Rus)
[Current state and prerequisites for improvement of hormone therapy in cryptorchism (review of the literature)] Iunda IF, et al.
Probl Endokr (Moskva) 15:112-6, Mar-Apr 69 (113 ref.) (Rus)
[Observation of tumor cells in the blood during different actions on tumor processes] Baida NA.
Vrach Delo 5:37-9, May 67 (Rus)
[Various findings on the processes of natural detoxication of the body during infectious processes] Kiselev PN, et al.
Zh Mikrobiol 44:93-9, Oct 67 (19 ref.) (Rus)
[Temporal arteritis] Guillen Asensio V.
An Esp Odontoestomat 28:284-92, Jul-Aug 69 (Spa)

TOXICITY

[Histochemical studies of modifications of the gastric mucosa in dogs treated with cortisone] Willems G, et al. C R Soc Biol (Paris) 163:218-21, 1969 (Fre)

URINE

Steroid metabolism in the cat. Biliary and urinary excretion of metabolites of [4-14C]cortisone. Taylor W. Biochem J 113:259-61, Jun 69
A case of adrenocortical cancer treated with O,P'-DDD. Sakauchi N, et al. Endocr Jap 16:287-90, Apr 69
Chromatographic separation of 17-ketosteroids and 17-hydroxycorticosteroids on sephadex LH-20. Seki T, et al. J Chromatogr 42:503-8, 22 Jul 69

DEHYDROEPIANDROSTERONE

ANALYSIS

Quantitation of C19O2 and C21O2 steroid mono- and disulfates in human bile. Laatikainen T, et al. Steroids 14:119-31, Aug 69
Preparation of sulfate esters. The synthesis of steroid sulfates by a dicyclohexylcarbodimide-mediated sulfation. Mumma RO, et al. Steroids 14:67-74, Jul 69
A time study of the in vitro metabolism of 3 beta-hydroxyandrost-5-en-17-one by human adrenocortical tissue. Neville AM, et al. Steroids 14:97-117, Aug 69
[Quantitative estimations of dehydroepiandrosterone, androsterone, etiocholanolone, estrogens and testosterone in blood plasma and skin eluats in acne vulgaris] Brehm G, et al.
Arch Klin Exp Derm 234:117-24, 1969 (Ger)

ANTAGONISTS & INHIBITORS

Inhibition of anesthetics and sedative actions by spironolactone. Selye H, et al.
Anesthesiology 31:261-4, Sep 69

BIOSYNTHESIS

1-14C-acetyl-coenzyme A as steroid precursor in the monkey adrenal in vitro. Knapstein P, et al.
Experientia 25:364-5, 15 Apr 69
Metabolism of dehydroepiandrosterone by the separated zones of the human foetal and newborn adrenal cortex. Shirley IM, et al.
J Endocr 44:411-9, Jul 69
[Aspects of steroid biosynthesis in normal human testes] Sciarra F, et al.
Folia Endocr (Roma) 21:412-22, Aug 68 (Ita)

BLOOD

Studies in plasma neutral steroid sulphates, urinary 11-deoxy-17-ketosteroids and estrogens, and plasma lipids in patients with hypercholesterolemia or hyperlipemia. Adlercreutz H, et al.
Ann Med Exp Biol Fenn 46:165-71, 1968
Peripheral plasma 11-deoxy-17-oxosteroids: alterations during pregnancy. Hankin ME, et al.
Aust New Zeal J Obstet Gynaec 9:105-7, May 69
Plasma androgen concentrations in several species of Old and New World monkeys. Snipes CA, et al.
Endocrinology 85:941-5, Nov 69
Plasma androgen concentrations in several species of Old and New World monkeys. Snipes CA, et al.
Endocrinology 85:794-8, Oct 69
Two cases of germinal aplasia: plasma concentration and in vitro biosynthesis of androgens. Conti C, et al.
Folia Endocr (Roma) 21:404-11, Aug 68
The plasma levels of dehydroepiandrosterone sulphate, androsterone sulphate, cortisol and transcortin in Chinese, Indian and Malay males. Wang DY, et al.
Singapore Med J 10:18-23, Mar 69
[Quantitative estimations of dehydroepiandrosterone, androsterone, etiocholanolone, estrogens and testosterone in blood plasma and skin eluats in acne vulgaris] Brehm G, et al.
Arch Klin Exp Derm 234:117-24, 1969 (Ger)
[Clinical and biochemical studies in a female patient with mixed gonadal dysgenesis] Zimprich H.
Wien Klin Wschr 81:475-8 passim, 20 Jun 69 (Ger)

CHEMICAL SYNTHESIS

Preparation of sulfate esters. The synthesis of steroid sulfates by a dicyclohexylcarbodimide-mediated sulfation. Mumma RO, et al. Steroids 14:67-74, Jul 69

ISOLATION & PURIFICATION

A time study of the in vitro metabolism of 3 beta-hydroxyandrost-5-en-17-one by human adrenocortical tissue. Neville AM, et al.
Steroids 14:97-117, Aug 69

METABOLISM

Perfusion of human term placenta in situ with C-19 and C-18 steroids. Bolté E, et al.
Acta Endocr (Kobenhavn) 61:307-19, Jun 69
Effect of vitamin A on enzymic conversion of the delta-5-3-beta-hydroxy- into delta-4-3-oxosteroids by adrenals of the rat. Grangaud R, et al.
Amer J Clin Nutr 22:991-1002, Aug 69
Studies on steroid metabolism in human endometrial tissue. Collins WP, et al. Biochem J 113:399-407, Jun 69
Hydrolysis of steroid phosphates by mouse tissue phosphatases. Botte V, et al.
Biochim Biophys Acta 176:670-2, 29 Apr 69
Urinary 17-ketosteroid fractionation in depression: a preliminary report. Mendels J.
Brit J Psychiat 115:581-5, May 69
Conjugation of steroid hormones by breast-cancer

tissue and selection of patients for adrenalectomy. Dao TL, et al. **Brit J Surg** 56:627, Aug 69

Biochemical studies in a patient with chromatin-negative Klinefelter's syndrome. Dufau M, et al. **Clin Chim Acta** 25:389-93, Sep 69

A comparative study of steroid biosyntheses in vitro. In clear cell adenoma and its adjacent tissue of human adrenal gland. Tamaoki BI. **Endocr Jap** 16:47-54, Feb 69

Steroid metabolism by badger (Taxidea taxus) ovarian tissue homogenates. Fevold HR, et al. **Gen Comp Endocr** 13:60-7, Aug 69

Studies on the metabolism of steroid hormones and their precursors by the human placenta at various stages of gestation. II. In vitro metabolism of 3 beta-hydroxyandrost-5-en-17-one. Smith SW, et al. **J Clin Endocr** 29:1182-90, Sep 69

Metabolism of dehydroepiandrosterone by the separated zones of the human foetal and newborn adrenal cortex. Shirley IM, et al. **J Endocr** 44:411-9, Jul 69

A time study of the in vitro metabolism of 3 beta-hydroxyandrost-5-en-17-one by human adrenocortical tissue. Neville AM, et al. **Steroids** 14:97-117, Aug 69

[Endocrinologic research] Bettendorf G. **Arch Gynaek** 207:383-9, 1969 (Ger)

[Metabolism of dehydroepiandrosterone at the cutaneous level: in vitro experiments] Sciarra F, et al. **Folia Endocr (Roma)** 21:423-30, Aug 68 (Ita)

PHARMACODYNAMICS

Effects of dehydroepiandrosterone and its conjugates upon the activity of glucose-6-phosphate dehydrogenase in human erythrocytes. Oertel GW, et al. **Biochim Biophys Acta** 184:459-60, 30 Jul 69

Effect of hormones on the chondroitin sulfate metabolism of chick embryo femora growing in vitro. 3. Effect of sex steroids on chondroitin sulfate synthesis in the cartilagenous bones growing in the natural medium. Endo H, et al. **Endocr Jap** 16:115-9, Feb 69

THERAPEUTIC USE

[Quantitative estimations of dehydroepiandrosterone, androsterone, etiocholanolone, estrogens and testosterone in blood plasma and skin eluats in acne vulgaris] Brehm G, et al. **Arch Klin Exp Derm** 234:117-24, 1969 (Ger)

URINE

Urinary excretion of androstenedione, testosterone, epitestosterone and dehydroepiandrosterone during the normal menstrual cycle. Longhino N, et al. **Acta Endocr (Kobenhavn)** 59:644-51, Dec 68

Studies in plasma neutral steroid sulphates, urinary 11-deoxy-17-ketosteroids and estrogens, and plasma lipids in patients with hypercholesterolemia or hyperlipemia. Adlercreutz H, et al. **Ann Med Exp Biol Fenn** 46:165-71, 1968

Chromatographic separation of 17-ketosteroids and 17-hydroxycorticosteroids on sephadex LH-20. Seki T, et al. **J Chromatogr** 42:503-8, 22 Jul 69

[Method for determining testosterone and epitestosterone in human urine] Drosdowsky MA, et al. **Bull Soc Chim Biol (Paris)** 50:1723-37, 30 Jan 69 (Fre)

[Protein composition of the blood and excretion of corticosteroids in patients with arteriosclerotic cardiosclerosis with chronic circulatory insufficiency] Zaretskiĭ MM, et al. **Kardiologiia** 9:49-53, Feb 69 (Rus)

[Simple method for the determination of androstenolone in urine] Kakushkina EA, et al. **Lab Delo** 8:460-4, 1967 (Rus)

[On the evaluation of adrenal cortex function in patients in the early stages of atherosclerosis of brain vessels in its initial stage and during the process of treatment] Kushkovoĭ IuI. **Lab Delo** 6:374-5, 1969 (Rus)

[Use of the Fortherby method for determination of dehydroepiandrosterone in urine in the obstetric clinic] Orlova VG. **Lab Delo** 6:348-50, 1969 (Rus)

[17-ketosteroid fraction excretion in women during the development of menopause with and without climacteric neurosis] Korneev GIa. **Probl Endokr (Moskva)** 13:33-7, May-Jun 67 (Rus)

[Concerning testicular feminization] Starkova NT, et al. **Probl Endokr (Moskva)** 14:10-4, Nov-Dec 68 (Rus)

[Testosterone in the urine of women] Drobnjak P. **Lijecn Vjesn** 90:881-4, Sep 68 (Cro)

DESOXYCORTICOSTERONE

Effects of adrenal mitochondrial lipid on the reduced nicotinamide-adenine dinucleotide phosphate supported 11 beta-hydroxylation of deoxycorticosterone. Interaction of phospholipid with cytochrome P-450. Williamson DG, et al. **Biochemistry (Wash)** 8:1289-300, Apr 69

The interaction of metopirone with adrenal mitochondrial cytochrome P-450. A mechanism for the inhibition of adrenal steroid 11 beta-hydroxylation. Williamson DG, et al. **Biochemistry (Wash)** 8:1306-11, Apr 69

The role of cytochrome P-450 in the mechanism of inhibition of steroid 11 beta-hydroxylation by dicumarol. Williamson DG, et al. **Biochemistry (Wash)** 8:1300-6, Apr 69

Regression of cardiac hypertrophies of various origin. Beznak M, et al. **Canad J Physiol Pharmacol** 47:579-86, Jul 69

Morphological studies on the autonomic nervous system of hypertensive rats. V. Various morphological observations on the superior cervical sympathetic ganglia of rats with experimentally induced hypertension. Matsumoto M. **Jap Circ J** 33:417-44, Apr 69

ADMINISTRATION & DOSAGE

[Desoxycorticosterone acetate in treatment of gastroduodenal ulcer] Strat C, et al. **Rev Medicochir Iasi** 73:15-8, Jan-Mar 69 (Rum)

ADVERSE EFFECTS

[Therapeutic complications in a case of adrenogenital syndrome with electrolyte imbalance] Spičáková V, et al. **Cas Lek Cesk** 106:689-93, 23 Jun 67 (Cze)

[Side effect of desoxycorticosterone-acetate (DOCA) in treatment of peptic ulcer] Pyrig LA. **Vrach Delo** 2:19-22, Feb 67 (Rus)

ANALYSIS

"In vitro" studies of circadian rhythms in hypothalamic-pituitary-adrenal systems. Ungar F. **Rass Neurol Veg** 21:57-70, 30 Apr 67

Preparation of sulfate esters. The synthesis of steroid sulfates by a dicyclohexylcarbodimide-mediated sulfation. Mumma RO, et al. **Steroids** 14:67-74, Jul 69

The presence of the adult-type pattern of adrenal steroids in the one day old rat. Philpott JE, et al. **Steroids** 14:21-31, Jul 69

ANTAGONISTS & INHIBITORS

Inhibition of anesthetics and sedative actions by spironolactone. Selye H, et al. **Anesthesiology** 31:261-4, Sep 69

[Steroid spirolactones--antagonists of mineralocorticoids] Linèt O. **Cesk Farm** 18:218-26, Jun 69 (184 ref.) (Cze)

BLOOD

Synthesis and antialdosterone activity of substituted 2,3,3-triphenylpropylamines. Blank B, et al. **J Med Chem** 12:873-6, Sep 69

CHEMICAL SYNTHESIS

Preparation of sulfate esters. The synthesis of steroid sulfates by a dicyclohexylcarbodimide-mediated sulfation. Mumma RO, et al. **Steroids** 14:67-74, Jul 69

ISOLATION & PURIFICATION

Seasonal changes in the in vitro production of testicular androgens by the cobra (Naja naja Linn). Tam WH, et al. **Gen Comp Endocr** 13:117-25, Aug 69

METABOLISM

Influence of chlorinated hydrocarbons and organophosphate insecticides on metabolism of

steroids. Kupfer D.
Ann NY Acad Sci 160:244-53, 1969 (27 ref.)
Aldosterone biosynthesis by human fetal adrenal in vitro. Dufau ML, et al.
Biochim Biophys Acta 176:637-40, 29 Apr 69
Further studies on corticosteroidogenesis. VI. Pyruvate and malate supported steroid 11-beta-hydroxylation in rat adrenal gland mitochondria. Péron FG, et al.
Biochim Biophys Acta 180:445-58, 5 Aug 69
[Synthesis in vitro of 18-hydroxycorticosterone and aldosterone by 3 adenomas of the adrenal glomerula zone (Conn's syndrome) I. Conversion output] Legrand JC, et al.
Bull Soc Chim Biol (Paris) 51:307-20, 26 Jun 69 (Fre)
[Synthesis in vitro of 18 hydroxycorticosterone and aldosterone by 3 adenomas of the adrenal glomerula zone (conn's syndrome) II. Metabolic routes] Zogbi F, et al.
Bull Soc Chim Biol (Paris) 51:321-6, 26 Jun 69 (Fre)
[Nipiopharmacology of steroid hormones] Macciotta A.
Minerva Nipiol 17:204-38, Nov-Dec 67 (746 ref.) (Ita)

PHARMACODYNAMICS

Effect of adrenal cortical hormones and insulin on the alkaline phosphatase activity of alveolar bone in scorbutic guinea pigs. Akamura R, et al.
Arch Oral Biol 14:725-8, Jun 69
Dissociation of reproductive physiology and behavior induced by neonatal treatment with steroids. Thomas TR, et al. Endocrinology 85:781-4, Oct 69
Attempts to demonstrate a hormonal nattriuretic factor by micropuncture techniques. Hayslett JP, et al. Yale J Biol Med 41:415-21, Jun 69
[Steroid spirolactones--antagonists of mineralocorticoids] Linèt O.
Cesk Farm 18:218-26, Jun 69 (184 ref.) (Cze)
[Histological study of the morphokinesis of the adrenal cortex] Merkle U.
Z Mikr Anat Forsch 79:460-76, 1968 (Ger)
[Morphology of the smooth muscle cells of the vascular tunica media in several regional hemodynamic changes] Kaufman Ola. Arkh Pat 30:22-6, 1968 (Rus)
[On the role of gluco-and mineralocorticoids in the regulation of sucrose hydrolysis and enzyme synthesis in the small intestine] Bulbuk GA.
Fiziol Zh SSSR Sechenov 54:607-13, May 68 (Rus)
[The effect of epinephrectomy and administration of desoxycorticosterone on the course of experimental intestinal obstruction] Synovets AS.
Klin Khir (Kiev) 2:40-2, Feb 68 (Rus)
[Histochemical study of the selective action of hydrocortisone and desoxycorticosterone acetate on the adrenal cortex zones] Kolpakov MG, et al.
Probl Endokr (Moskva) 13:60-4, May-Jun 67 (Rus)
[Trascortin content in the lasmaof rats after administration of corticosteroids] Komissarenko VP, et al. Probl Endokr (Moskva) 15:54-8, Jan-Feb 69 (Rus)
[Reflex responses in the peripheral sympathetic conductors throughout the waking hours of animal following adrenalectomy and administration of corticosteroids] Nozdrachev AD.
Probl Endokr (Moskva) 14:79-83, Jul-Aug 68 (Rus)

SECRETION

Steroid secretion in vivo in rats bred for high and low juxtaglomerular granularity. Rapp JP.
Endocrinology 85:909-15, Nov 69
[Secretion of 11-desoxycorticosterone of the adrenal glands in rabbits] Krekhova MA.
Probl Endokr (Moskva) 14:86-90, Jul-Aug 68 (Rus)
[Hypermineralocorticoidism]
Rev Clin Esp 113:463-4, 15 Jun 69 (Spa)

THERAPEUTIC USE

[Nipiopharmacology of steroid hormones] Macciotta A.
Minerva Nipiol 17:204-38, Nov-Dec 67 (746 ref.) (Ita)
[Observation on long-term treatment of 5 cases of Addison's disease] Sugimoto T, et al.
Clin Endocr (Tokyo) 17:531-6, Jun 69 (Jap)
[Treatment of the patients with peptic ulcer with gangliolytics, DOCA and their combination] Brezhnev VS. Vrach Delo 5:130-2, May 67 (Rus)
[Use of desoxycorticosterone in hypotensive conditions] Vasil'eva AG, et al.
Vrach Delo 2:149-50, Feb 67 (Rus)

URINE

Effect of adrenocorticotropin on desoxycorticosterone, corticosterone and aldosterone excretion. Biglieri EG, et al.
J Clin Endocr 29:1090-101, Aug 69
[Method for determining testosterone and epitestosterone in human urine] Drosdowsky MA, et al.
Bull Soc Chim Biol (Paris) 50:1723-37, 30 Jan 69 (Fre)
[Study on a new method for the determination of 7 fractions of urinary 17-deoxycorticosteroid (DOC, Comp. B, Comp. A, allo THB, THB, THA and aldosterone). I. Method and basic experiments] Ito Y.
Folia Endocr Jap 45:12-28, 20 Apr 69 (Jap)

DEXAMETHASONE

Corticosteroids in human blood. 3. Free and conjugated 17-hydroxycorticosteroids in healthy people and patients with Cushing's syndrome, before and after administration of corticotrophin. Kornel L.
Acta Endocr (Kobenhavn) 60:13-35, Jan 69
Diurnal variations in the cerebral evoked response and EEG. Relations to 17-hydroxycorticosteroid levels. Heninger GR, et al.
Arch Neurol (Chicago) 21:330-7, Sep 69

ADMINISTRATION & DOSAGE

Simplified dexamethasone suppression test. Asfeldt VH. Acta Endocr (Kobenhavn) 61:219-31, Jun 69
The regulation of ACTH secretion. Smelik PG.
Acta Physiol Pharmacol Neerl 15:123-35, Jun 69
The treatment of severe burns in children. Long WW Jr, et al. J S Carolina Med Ass 65:239-43, Jul 69
Cardiac resuscitation: a review of methods and assessment of results. Diethelm G.
Med J Aust 2:269-73, 9 Aug 69
[Predominantly buccopharyngeal, malignant pemphigus, cortico-resistant for a long time, responsive to a corticoid-aureomycin-quinacrine combination] Duperrat B, et al.
Bull Soc Franc Derm Syph 76:28, 1969 (Fre)
[Experimental studies on the effect of low oxygen inhalation on adrenocortical secretion--by the retention cannula method for collecting lumbo-adrenal venous blood in the dog] Ota M.
Folia Endocr Jap 45:284-309, 20 Jun 69 (Jap)
[Massive administration of corticosteroids during open heart surgery--experimental and clinical studies] Eguchi S, et al.
Jap J Thorac Surg 22:262-9, Apr 69 (Jap)

ADVERSE EFFECTS

Long-term results of steroid therapy in adults with idiopathic nephrotic syndrome. Miller RB, et al.
Amer J Med 46:919-29, Jun 69
[Alterations of the radiological cardiac parameters during short term steroid therapy] Dolinský A, et al.
Cesk Radiol 23:159-62, Jul 69 (Cze)

BLOOD

Plasma binding of betamethasone-3H, dexamethasone-3H, and cortisol-14C--a comparative study. Peets EA, et al.
Biochem Pharmacol 18:1655-63, Jul 69

DIAGNOSTIC USE

Simplified dexamethasone suppression test. Asfeldt VH. Acta Endocr (Kobenhavn) 61:219-31, Jun 69
Inhibitory effect of diphenylhydantoin on the feedback control of corticotrophin release. Asfeldt VH, et al.
Acta Endocr (Kobenhavn) 61:551-60, Jul 69
Diagnosis of Cushing's syndrome. The differentiation between adrenocortical hyperplasia and adrenocrotical adenoma by means of lysine-vasopressin. Bethge H, et al.
Acta Endocr (Kobenhavn) 60:47-59, Jan 69
The simultaneous fluorimetric determination of corticosterone and cortisol in human plasma. Sasaki H, et al. Acta Med Biol (Niigata) 17:65-83, Jun 69
Radioimmunoassayable ACTH in dexamethasone nonsuppressible Cushing's syndrome. Rayyis SS, et al.
J Clin Endocr 29:1231-7, Sep 69
The diagnosis of hypercortisolism. Biochemical criteria differentiating patients from lean and obese normal

subjects and from females on oral contraceptives. Streeten DH, et al. J Clin Endocr 29:1191-211, Sep 69

Cushing's syndrome in infancy. Loridan L, et al. J Pediat 75:349-59, Sep 69

[Comparative studies on the effect of different glucocorticoids in the corticoid glucose tolerance test] Fiegel G, et al. Int Z Klin Pharmakol Ther Toxik 2:94-100, Jan 69 (Ger)

[New endocrine disorders attracting current interest--adrenal system] Miura K, et al. Clin Endocr (Tokyo) 17:407-21, May 69 (130 ref.) (Jap)

[Treatment of some endocrine diseases by administration of radioactive yttrium into hypophysis] Dol'iotti DCh. Probl Endokr (Moskva) 14:3-10, Nov-Dec 68 (Rus)

[Functional state of adrenal cortex and deametasone depression of the hypothalamo-hypophyseo-adrenal cortex system n patentswth iabetes mellitus] Orkodashvili LSHORKDASHV. Probl Endokr (Moskva) 15:13-8, Jan-Feb 69 (Rus)

METABOLISM

Plasma binding of betamethasone-3H, dexamethasone-3H, and cortisol-14C--a comparative study. Peets EA, et al. Biochem Pharmacol 18:1655-63, Jul 69

[Distribution of 3H-dexamethasone in cells cultivated in vitro] Ruch JV. C R Soc Biol (Paris) 163:200-2, 1969 (Fre)

PHARMACODYNAMICS

Quantitative aspects of lipolysis and reesterification in human adipose tissue in vitro. Björntorp P, et al. Acta Med Scand 185:89-97, Jan-Feb 69

A clinical and metabolic study of masculinizing arrhenoblastoma. Sato T, et al. Amer J Obstet Gynec 104:1124-30, 15 Aug 69

Effects of intracerebral dexamethasone on pituitary-adrenal function in female rats. Zimmermann E, et al. Amer J Physiol 217:392-6, Aug 69

Steroid-sensitive neurones in rat brain: anatomical localization and responses to neurohumours and ACTH. Steiner FA, et al. Brain Res 12:74-85, Jan 69

Evidence for a diurnal rhythm of corticotropin-releasing factor (CRF) in the hypothalamus. David-Nelson MA, et al. Endocrinology 85:861-6, Nov 69

Hormonal influences on mediators of allergic reactions. Telford JM. Int Arch Allerg 36:29-30, 1969

Impaired accumulation of ribonucleic acid precursors and depletion of ribonucleic acid in glucocorticoid-treated bone cells. Peck WA, et al. J Biol Chem 244:4174-84, 10 Aug 69

DNA synthesis in human adipose tissue in vitro. II, Effect of obesity. Esanu C, et al. J Clin Endocr 29:1033-5, Aug 69

DNA synthesis in human adipose tissue in vitro. I. Effect of serum and hormones. Esanu C, et al. J Clin Endocr 29:1027-32, Aug 69

Inhibition by steroids of parathyroid hormone-induced Ca45 release from embryonic rat bone in vitro. Stern PH. J Pharmacol Exp Ther 168:211-7, Aug 69

The influence of dexamethasone on attempts to transmit Eimeria meleagrimitis to chickens and E. tenella to turkeys. McLoughlin DK. J Protozool 16:145-8, Feb 69

The effect of small doses of human ACTH on serum corticosteroid levels in man. McDonald RK, et al. Proc Soc Exp Biol Med 131:1091-4, Sep 69

[Autoradiographic study of the incorporation of tritiated uridine in liver cell cultures subjected or not to the effects of dexamethasone phosphate] Ruch JV. C R Soc Biol (Paris) 162:2254-7, 1968 (Fre)

[Experimental study of the anesthetic and anti-edemata activity of the combination of a local anesthetic and a glucocorticosteroid] Giroud JP, et al. Therapie 24:657-63, Jul-Aug 69 (Fre)

[Effect of inflammatory reactions on the concentration of corticosterone in rat plasma] Haas H, et al. Naunyn Schmiedeberg Arch Pharm 264:86-98, 1969 (Ger)

[Study on changes in hepatic tryptophan pyrrolase induced by various corticosteroids in rats] Nicolis FB, et al. Acta Vitamin (Milano) 23:19-26, 1969 (Ita)

[Pharmacological studies on a bronchodilator, isoprophenamine] Miyao K, et al. Folia Pharmacol Jap 65:93-119, 20 Mar 69 (Jap)

[Feedback mechanism of ACTH secretion] Takebe K, et al. Jap J Clin Med 27:1379-89, May 69 (Jap)

[Studies on sex chromatin. Alteration in the frequency of sex chromatin induced by various exogenous hormones] Tanda H, et al. Jap J Urol 60:427-32, May 69 (Jap)

[Preventive effect of thymus histone on atrophy of the adrenal glands. 1] Kato M, et al. Med Biol (Tokyo) 79:15-6, 10 Jul 69 (Jap)

[Preventive effect of thymus histone on atrophy of the adrenal glands. 2] Kato M, et al. Med Biol (Tokyo) 79:39-41, 10 Jul 69 (Jap)

[On the hypotensive effect of prednisolone and dexamethasone] Podkolzin AA, et al. Farmakol Toksik 32:293-6, May-Jun 69 (Rus)

[The effects of ACTH and glucocorticoids on evacuatory function of the stomach in dogs] Genes SG, et al. Probl Endokr (Moskva) 14:103-6, Jul-Aug 68 (Rus)

[Testosterone in the urine of women] Drobnjak P. Lijecn Vjesn 90:881-4, Sep 68 (Cro)

THERAPEUTIC USE

Long-term results of steroid therapy in adults with idiopathic nephrotic syndrome. Miller RB, et al. Amer J Med 46:919-29, Jun 69

Scleroma of the antrum and ethmoid. Chatterji P, et al. J Laryng 83:917-23, Sep 69

Prevention of anaphylactoid reaction by glucocorticoid and endotoxin-conditioning. Fukuda T, et al. Jap J Physiol 19:342-9, 15 Jun 69

Treatment of Cushing's disease. Correction of hypercortisolism by o,p'DDD without induction of aldosterone deficiency. Temple TE Jr, et al. New Eng J Med 281:801-5, 9 Oct 69

Treatment of warts with dexamethasone. Harry TV. Practitioner 203:356, Sep 69

[Alterations of the radiological cardiac parameters during short term steroid therapy] Dolinský A, et al. Cesk Radiol 23:159-62, Jul 69 (Cze)

[Urinary testosterone and epitestosterone in gynecology practice] Ingiulla W, et al. Rev Franc Endocr Clin 10:109-20, Mar-Apr 69 (Fre)

[Disturbances of the intestinal circulation induced by surgical diseases of infancy and childhood] Sauer H. Langenbecks Arch Chir 323:203-45, 1969 (Ger)

[On the treatment of rheumatic conditions in metabolic diseases using Dexamed-Butazone] André W. Med Welt 29:1624-7, 19 Jul 69 (Ger)

[Biopharmaceutical studies with various plastic gel bases demonstrated by the example of dexamethasone and diphenhydramine hydrochloride] Ritschel WA. Med Welt 34:1830-2, 23 Aug 69 (Ger)

[Special problems in ileus during infancy] Sauer H. Wien Med Wschr 119:517-9, 5 Jul 69 (Ger)

[The influence of glucocorticoides on the growth and the chemotherapeutic response of autochthonous sarcomas in mice] Brune H, et al. Z Krebsforsch 72:213-8, 1969 (Ger)

[Clinico-therapetic trials with a new surface antimycotic agent: pimaricin, associated with dexamethasone and neomycin] Sagramoso Sacchetti Z. Clin Ter 45:61-6, 15 Apr 68 (Ita)

[Early diagnosis and treatment of polyarteritis] Kase M, et al. Naika 23:1301-9, Jun 69 (Jap)

[Use of corticosteroids in the pulp and apical region] Escobar M. Divulg Cult Odont 125:35-7, Mar-Apr 69 (Spa)

ETIOCHOLANOLONE

ANALYSIS

Quantitation of C19O2 and C21O2 steroid mono- and disulfates in human bile. Laatikainen T, et al. Steroids 14:119-31, Aug 69

[Quantitative estimations of dehydroepiandrosterone, androsterone, etiocholanolone, estrogens and testosterone in blood plasma and skin eluats in acne vulgaris] Brehm G, et al. Arch Klin Exp Derm 234:117-24, 1969 (Ger)

BLOOD

Peripheral plasma 11-deoxy-17-oxosteroids: alterations during pregnancy. Hankin ME, et al. Aust New Zeal J Obstet Gynaec 9:105-7, May 69

[Quantitative estimations of dehydroepiandrosterone, androsterone, etiocholanolone, estrogens and

testosterone in blood plasma and skin eluats in acne vulgaris] Brehm G, et al.
Arch Klin Exp Derm 234:117-24, 1969 (Ger)
[Clinical and biochemical studies in a female patient with mixed gonadal dysgenesis] Zimprich H.
Wien Klin Wschr 81:475-8 passim, 20 Jun 69 (Ger)
[Periodic fever and etiocholanolone fever in chronic rheumatic diseases. Clinical case histories] Schilling F, et al. Z Rheumaforsch 28:117-25, Mar-Apr 69 (Ger)

ISOLATION & PURIFICATION

[Metabolism of testosterone in the isolated, perfused liver of the guinea pig] Demisch K, et al.
Naunyn Schmiedeberg Arch Pharm 263:264-5, 1969 (Ger)

PHARMACODYNAMICS

Studies on the control of hemoglobin synthesis: the in vitro stimulating effect of a 5-beta-H steroid metabolite on heme formation in human bone marrow cells. Necheles TF, et al. Blood 34:380-4, Sep 69

URINE

Chromatographic separation of 17-ketosteroids and 17-hydroxycorticosteroids on sephadex LH-20. Seki T, et al. J Chromatogr 42:503-8, 22 Jul 69
[Method for determining testosterone and epitestosterone in human urine] Drosdowsky MA, et al.
Bull Soc Chim Biol (Paris) 50:1723-37, 30 Jan 69 (Fre)
[Action of cyproterone on plasma binding and metabolism of testosterone] Guillemant S, et al.
C R Acad Sci [D] (Paris) 268:2595-7, 28 May 69 (Fre)
[The effect of chorionic gonadotropin on plasma testosterone in men] Vogt JH, et al.
Nord Med 82:1045-9, 21 Aug 69 (Nor)
[17-ketosteroid fraction excretion in women during the development of menopause with and without climacteric neurosis] Korneev GIa.
Probl Endokr (Moskva) 13:33-7, May-Jun 67 (Rus)
[Concerning testicular feminization] Starkova NT, et al. Probl Endokr (Moskva) 14:10-4, Nov-Dec 68 (Rus)

FLUMETHASONE

PHARMACODYNAMICS

[Value of human pharmacology test methods in the comparative assessment of topical corticosteroids] Holzmann H, et al.
Arch Klin Exp Derm 234:261-72, 1969 (Ger)

THERAPEUTIC USE

Psoriatic erythrodermia successfully treated by locacorten tar with occlusive dressings. Feuerman EJ, et al. Dermatologica (Basel) 139:225-8, 1969
[Attempts of modification of pre- and postpartal edemas in cattle with progestational hormones] Günzler O, et al.
Deutsch Tieraerztl Wschr 76:396-402, 1 Aug 69 (Ger)

FLUOCINOLONE ACETONIDE

ADMINISTRATION & DOSAGE

[Treatment of inflammatory conditions of the external auditory passage with a combination of polymyxin B, neomycin and fluocinolone acetonide] Despons JL.
J Med Bordeaux 144:915-7, Jun 67 (Fre)

ADVERSE EFFECTS

Iatrogenic dermatitis. Sneddon I.
Brit Med J 2:49, 4 Oct 69

METABOLISM

[Bacterial metabolism and corticosteroids] Raab W, et al. Arch Klin Exp Derm 233:363-75, 1969 (Ger)

PHARMACODYNAMICS

Cutaneous vascular reactions to prostaglandins in healthy subjects and in patients with urticaria and atopic dermatitis. Juhlin L, et al.
Acta Dermatovener (Stockholm) 49:251-61, 1969

Effects of glucocorticoids on nucleic acid synthesis in intact nuclei isolated from mouse fibroblasts. Kemper B, et al. Proc West Pharmacol Soc 12:69-71, 1969
[Value of human pharmacology test methods in the comparative assessment of topical corticosteroids] Holzmann H, et al.
Arch Klin Exp Derm 234:261-72, 1969 (Ger)
[Bacterial metabolism and corticosteroids] Raab W, et al. Arch Klin Exp Derm 233:363-75, 1969 (Ger)

THERAPEUTIC USE

Betamethasone valerate ointment (Valisone).
Med Lett Drugs Ther 11:76, 5 Sep 69
Systemic sarcoidosis with scalp involvement. Bleehen SS. Proc Roy Soc Med 62:348-9, Apr 69
[Antiinflammatory treatment of hemorrhoids and anal fissures] Seghezzi R, et al.
Minerva Chir 23:1296-306, 31 Dec 68 (Ita)

FLUPREDNISOLONE

[Comparative studies on the effect of different glucocorticoids in the corticoid glucose tolerance test] Fiegel G, et al.
Int Z Klin Pharmakol Ther Toxik 2:94-100, Jan 69 (Ger)

FLURANDRENOLONE

ADMINISTRATION & DOSAGE

Hyperkeratosis penetrans (Kyrle's disease). Bernstein SI. Derm Int 7:178-81, Oct-Dec 68
An antibacterial-corticosteroid skin preparation.
Practitioner 203:360-2, Sep 69
Flurandrenolone tape. Burrows D.
Trans St John Hosp Derm Soc 55:103-4, 1969
[On the use of a hydrophilic ointment containing flurandrenolone in the local treatment of hand burns] Guida CA, et al.
Policlinico [Chir] 74:366-9, Sep-Oct 67 (Ita)

THERAPEUTIC USE

Flurandrenolone tape therapy. Ronchese F.
Rhode Island Med J 52:389-90, Jul 69

GLUCOCORTICOIDS

ADMINISTRATION & DOSAGE

Migratory atelectasis. Tuft L. J Allerg 44:189-90, Sep 69
The effects of short-term corticosteroid therapy on the symptoms of infectious mononucleosis pharyngotonsillitis: a double-blind study. Klein EM, et al. J Amer Coll Health Ass 17:446-52, Jun 69
Ocular inflammation, viruses, and the two-edged sword of corticosteroids. Laibson PR.
Med Clin N Amer 53:1145-60, Sep 69
[Ideas on indications for intrathecal corticotherapy] Vallat JN, et al.
J Med Bordeaux 144:881-94, Jun 67 (Fre)
[Disadvantages of prolonged administration of corticoids in children] Geubelle F, et al.
Rev Med Liege 22:212-9, 15 Apr 67 (Fre)
[Prescription of corticotherapy on alternate days for long periods] Akoun G, et al.
Sem Hop Paris 44:3141-9, 8 Dec 68 (Fre)
[Treatment of uveitis] Martenet AC.
Ther Umsch 26:346-8, Jun 69 (Fre)
[Decoderm--a report on dermatologic experience] Korsukéwitz G.
Deutsch Med J 20:410-3, 20 Jun 69 (Ger)

ADVERSE EFFECTS

Sarcoidosis and aspergilloma. Israel HL, et al.
Amer J Med 47:243-50, Aug 69
Rupture of patellar ligament after steroid infiltration. Report of a case. Ismail AM, et al.
J Bone Joint Surg [Brit] 51:503-5, Aug 69
A physiological study on the nature of the effect of cortisone. Nagai K.
J Nihon Univ Sch Dent 11:48-54, Jun 69
Ocular inflammation, viruses, and the two-edged sword of corticosteroids. Laibson PR.
Med Clin N Amer 53:1145-60, Sep 69
General medications, glaucoma, and disturbances of

intraocular pressure. Spaeth GL.
Med Clin N Amer 53:1109-21, Sep 69
Treating the patient threat for his eyes. Nelemans FA.
Ophthalmologica (Basel) 158:208-17, 1969
[Pemphigus vulgaris. Post-corticoid bone, muscular and metabolic complications] Grupper C, et al.
Bull Soc Franc Derm Syph 76:82-4, 1969 (Fre)
[Disadvantages of prolonged administration of corticoids in children] Geubelle F, et al.
Rev Med Liege 22:212-9, 15 Apr 67 (Fre)
[Prescription of corticotherapy on alternate days for long periods] Akoun G, et al.
Sem Hop Paris 44:3141-9, 8 Dec 68 (Fre)
[Fatal therapeutic complications] Bouletreau P, et al.
Sem Hop Paris 45:2093-9, 26 Jun 69 (Fre)
[Apropos of a case of perforation of the small intestine during periarteritis nodosa] Péquignot H, et al.
Sem Hop Paris 45:1747-53, 26 May 69 (Fre)
[Prevention of potassium deficiency in long-term therapy with corticosteroids] Bolcskei P, et al.
Med Welt 20:1177-80, 17 May 69 (Ger)
[Eye drops containing antibiotics and corticosteroids. Review of literature] Renovanz HD, et al.
Med Welt 18:1084-90, 3 May 69 (60 ref.) (Ger)
[Early diagnosis of drug damage to the retina and optic nerve] Brückner R.
Ophthalmologica (Basel) 158:245-72, 1969 (Ger)
[Damages to the anterior eye segment by drugs] Schrader KE.
Ophthalmologica (Basel) 158:218-31, 1969 (Ger)
[11-beta-hydroxy-6-alpha-methyl-progesterone (a new synthetic corticosteroid with an anti-inflammatory effect and no ocular hypertensive action)] Palmieri L, et al. Ann Ottal 94:1295-304, Oct 68 (Ita)

ANALYSIS

Metabolism of 16alpha-hydroxy-pregnenolone and 17alpha-hydroxy-pregnenolone in the foeto-placental unit and mother at midgestation. Reynolds JW, et al.
Acta Endocr (Kobenhavn) 61:533-50, Jul 69
Partial purification of the anti-inflammatory factor(s) in inflammatory exudate. Billingham ME, et al.
Brit J Pharmacol 35:543-57, Mar 69
[A reaction for the determination of testosterone in extracts of body fluids] Ittrich G.
Hoppe Seyler Z Physiol Chem 350:513-6, Apr 69 (Ger)

BIOSYNTHESIS

[Preparation of 6-alpha-fluoro-11-beta, 21-dihydroxy-16-alpha-methyl-1,4-pregnadiene-3, 20-dione (fluocortolone) via substrate-structure-directed specific 11-beta-hydroxylation by Curvularia lunata] Kieslich K, et al. Liebig Ann Chem 726:168-76, 1969 (Ger)

BLOOD

Plasma 11-hydroxycorticosteroid and growth hormone levels in acute medical illnesses. Jacobs HS, et al.
Brit Med J 2:595-8, 7 Jun 69
Inhibition of adrenal cortical hormones by an extract of lymphoid tissue. Radoiu N, et al.
Experientia 25:643-5, 15 Jun 69
Sex hormone binding proteins. II. Isolation from serum of an elasmobranch (Raja radiata). Freeman HC, et al.
Gen Comp Endocr 13:83-91, Aug 69
Sex hormone binding proteins. I. Binding of steroids by serum of an elasmobranch (Raja radiata). Idler DR, et al. Gen Comp Endocr 13:75-82, Aug 69
The metabolic and endocrine response to acute medical stress. Nabarro JD. Proc Roy Soc Med 62:351-5, Apr 69
The effect of small doses of human ACTH on serum corticosteroid levels in man. McDonald RK, et al.
Proc Soc Exp Biol Med 131:1091-4, Sep 69
[Synthetic compounds with digitalis-like effects] Kroneberg G.
Naunyn Schmiedeberg Arch Pharm 263:46-59, 1969 (Ger)

METABOLISM

Hormonal pattern in bronchial asthma (reversible obstructive lung disease). 1. Role of adrenal steroids. Weller HH, et al. Scand J Resp Dis 49:163-84, 1968
[Prescription of corticotherapy on alternate days for long periods] Akoun G, et al.
Sem Hop Paris 44:3141-9, 8 Dec 68 (Fre)
[Cerebral energy metabolism and dysthymia] Pariante F, et al. Osped Psichiat 36:377-400, Jul-Dec 68 (Ita)

PHARMACODYNAMICS

Subhuman primates in experimental viral oncology. Munroe JS. Ann NY Acad Sci 162:556-67, 3 Jul 69
Hormonal influences on mediators of allergic reactions. Telford JM. Int Arch Allerg 36:29-30, 1969
Increased resistance to epinephrine infusion in endotoxin-tolerant state. Fukuda T, et al.
Jap J Physiol 19:143-8, 15 Apr 69
Ocular inflammation, viruses, and the two-edged sword of corticosteroids. Laibson PR.
Med Clin N Amer 53:1145-60, Sep 69
General medications, glaucoma, and disturbances of intraocular pressure. Spaeth GL.
Med Clin N Amer 53:1109-21, Sep 69
Effects of glucocorticoids on nucleic acid synthesis in intact nuclei isolated from mouse fibroblasts. Kemper B, et al. Proc West Pharmacol Soc 12:69-71, 1969
[Study of the enzymatic activity of liver and epididymal adipose tissue of Wistar H rats during longterm administration of a hyperlipidic diet. I. Development of activities with time] Griglio S, et al.
Enzym Biol Clin (Basel) 10:187-208, 1969 (Fre)
[Value of human pharmacology test methods in the comparative assessment of topical corticosteroids] Holzmann H, et al.
Arch Klin Exp Derm 234:261-72, 1969 (Ger)
[Bacterial metabolism and corticosteroids] Raab W, et al. Arch Klin Exp Derm 233:363-75, 1969 (Ger)
[Rheumatic connective tissue metabolism and pathological structure of the connective tissue in rheumatoid arthritis] Lindner J.
Verh Deutsch Ges Inn Med 74:1315-49, 1968 (170 ref.) (Ger)
[Study on changes in hepatic tryptophan pyrrolase induced by various corticosteroids in rats] Nicolis FB, et al. Acta Vitamin (Milano) 23:19-26, 1969 (Ita)
[Steroid actions and feed back potency, with special reference to dissociation of glucocorticoid action] Kumagai A, et al. Saishin Igaku 24:982-6, May 69 (Jap)
[The role of adrenals in regulation of carbohydrate metabolism in induced hypothermia of animals with different levels of development of thermoregulation] Danilova LIa.
Acta Biol Med German 21:625-34, 1968 (Rus)

PHYSIOLOGY

[Role of hormones in magnesium metabolism] Blahos J.
Sem Hop Paris 45:1895-900, 8 Jun 69 (71 ref.) (Fre)
[The effect of sterols and steroids on the body calcium fractions] Harnapp GO.
Z Aerztl Fortbild (Jena) 63:612-21, 1 Jun 69 (Ger)
[On the role of the gluco-and mineralcorticoids in regulating the volume of body fluids] Kolpakov MG, et al. Fiziol Zh SSSR Sechenov 55:231-5, Feb 69 (Rus)

SECRETION

Gingival hyperplasia related to treatment with diphenylhydantoin (diphedan; DH). Rudas SL, et al.
Int Z Klin Pharmakol Ther Toxik 2:180-4, Apr 69
[Aspect of hormones and hypertension] Torikai T.
J Jap Soc Intern Med 58:579-92, 10 Jul 69 (29 ref.) (Jap)

THERAPEUTIC USE

Serum leucyl- and cystinylaminopeptidase activity in the course of viral hepaitis under the influence of corticotherapy. Drożdż H.
Acta Med Pol 10:219-29, 1969
Treatment of immunologic diseases with cytostatics. Lorenzen I, et al. Acta Med Scand 185:501-6, Jun 69
Experimental study on atherosclerosis--an attempt at its prevention and treatment. Shimamoto T.
Acta Path Jap 19:15-43, Feb 69
Heat stroke in the aged. Levine JA.
Amer J Med 47:251-8, Aug 69
The therapeutic implications of the hypothesis of allergic hypersensitivity as dysfunction of the intracellular immune mechanism. Williams HL, et al.
Ann Allerg 27:434-60, Sep 69
Psoriatic erythrodermia successfully treated by locacorten tar with occlusive dressings. Feuerman EJ, et al. Dermatologica (Basel) 139:225-8, 1969
Changing concepts in Crohn's disease. Lennard-Jones JE, et al. DM 1-37, Aug 69 (52 ref.)

The changing picture of puerperal sepsis under the influence of modern drugs. Ovadia JL, et al. Gynaecologia (Basel) 168:55-62, 1969
Bacterial shock. Barnett JA, et al. JAMA 209:1514-7, 8 Sep 69
Shoe contact dermatitis. Epstein E. JAMA 209:1487-92, 8 Sep 69
Prevention of anaphylactoid reaction by glucocorticoid and endotoxin-conditioning. Fukuda T, et al. Jap J Physiol 19:342-9, 15 Jun 69
Ocular inflammation, viruses, and the two-edged sword of corticosteroids. Laibson PR. Med Clin N Amer 53:1145-60, Sep 69
Treatment of thyroiditis. Volpé R. Mod Treatm 6:474-96, May 69
A retrospective study of eye injuries. Roper-Hall MJ. Ophthalmologica (Basel) 158:12-27, 1969
Some epidemiological observations on the etiology of regional enteritis. Warthin TA. Trans Amer Clin Climat Ass 80:116-24, 1969
[Complementary endocrine treatment of cerebral tumors] Bernard-Weil E. Acta Radiol [Ther] (Stockholm) 8:126-33, Feb-Apr 69 (Fre)
[Study of the coagulation with measurement of the catabolism of marked fibrinogen in Moschkowicz's disease] Marie J, et al. Ann Pediat (Paris) 16:417-23, Jun-Jul 69 (Fre)
[Apropos of a case of incontinentia pigmenti] Daubresse E, et al. Arch Belg Derm Syph 23:117-9, 1967 (Fre)
[Apropos of 37 cases of scleroderma] Huriez C, et al. Arch Belg Derm Syph 23:3-8, 1967 (Fre)
[Effect of corticosteroid therapy on normal and pathologic auriculo-ventricular conduction] Abaza A, et al. Coeur Med Intern 6:175-94, Apr 67 (Fre)
[Antinuclear antibodies in systemic lupus erythematosus before and after treatment and in chronic progressive polyarthritis. Some observations on the antiperinuclear factor] Marmont A, et al. J Belg Rhum Med Phys 22:236-66, Jul-Aug 67 (181 ref.) (Fre)
[Inflammatory rheumatism within the framework of autoimmune diseases] Van Slype J. J Belg Rhum Med Phys 22:204-7, Jul-Aug 67 (Fre)
[Treatment of chronic bronchitis and obstructive respiratory insufficiency] Pariente R, et al. Presse Med 77:1247-50, 6 Sep 69 (Fre)
[Protracted hepatities of viral origin] Pirotte J. Rev Med Liege 22:582-92, 15 Oct 67 (Fre)
[Hypercalcemia and electroencephalographic anomalies. Apropos of an observation of Kahler's disease with hypercalcemia] Manigand G, et al. Sem Hop Paris 45:2026-30, 20 Jun 69 (Fre)
[Apropos of a case of perforation of the small intestine during periarteritis nodosa] Péquignot H, et al. Sem Hop Paris 45:1747-53, 26 May 69 (Fre)
[Orchitis, the only manifestation of a paratyphoid B fever] Péquignot H, et al. Sem Hop Paris 45:1754-7, 26 May 69 (Fre)
[ACTH or glucocorticoid treatment?] Kaiser H. Deutsch Med Wschr 94:1771-2, 29 Aug 69 (Ger)
[Attempts of modification of pre- and postpartal edemas in cattle with progestational hormones] Günzler O, et al. Deutsch Tieraerztl Wschr 76:396-402, 1 Aug 69 (Ger)
[Heparin therapy of the hemolytic-uremic syndrome] Egli F, et al. Helv Paediat Acta 24:13-37, Feb 69 (Ger)
[Therapy of diffuse neurodermatitis] Braun-Falco O. Med Klin 64:1249-52, 4 Jul 69 (Ger)
[Treatment of acute viral hepatitis] Kühn HA, et al. Med Welt 23:1341-3, 7 Jun 69 (Ger)
[Eye drops containing antibiotics and corticosteroids. Review of literature] Renovanz HD, et al. Med Welt 18:1084-90, 3 May 69 (60 ref.) (Ger)
[VII. Therapy of acute diffuse glomerulonephritis] Schmidt HG, et al. Med Welt 23:1460-2, 10 Jun 67 (Ger)
[Pluriorificial erosive ectodermosis (Stevens-Johnson Syndrome)] Landolt RF. Praxis 57:1534-8, 5 Nov 68 (Ger)
[Treatment of acute hepatitis] Hoenig V. Ther Umsch 26:270-4, May 69 (Ger)
[Current aspects of diagnosis and treatment of polyneuritis] Kohlmeyer K. Z Allgemeinmed 45:812-23, 20 Jun 69 (Ger)
[Gout] Miehlke K. Z Allgemeinmed 45:140-5, 10 Feb 69 (Ger)
[Treatment possibilities of insulin resistance] Bornemisza P. Z Ges Inn Med 24:234-7, 15 Apr 69 (Ger)
[Immunologic problems in liver diseases] Renger F. Z Ges Inn Med 24:Suppl:120-3, 15 Apr 69 (Ger)
[Secondary subacute thyroiditis] Szántó L. Z Ges Inn Med 24:Suppl:103-5, 1 Apr 69 (Ger)
[The influence of glucocorticoides on the growth and the chemotherapeutic response of autochthonous sarcomas in mice] Brune H, et al. Z Krebsforsch 72:213-8, 1969 (Ger)
[11-beta-hydroxy-6-alpha-methyl-progesterone (a new synthetic corticosteroid with an anti-inflammatory effect and no ocular hypertensive action)] Palmieri L, et al. Ann Ottal 94:1295-304, Oct 68 (Ita)
[Therapy of chronic obstructive diseases of the respiratory tract] Ulmer WT. Clin Ter 43:309-20, 30 Nov 67 (Ita)
[Indications and complications of the geriatric use of corticotherapy. Clinical experience on 1028 treated cases out of 4870 aged patients hospitalized in the geriatric department] Ghiringhelli F, et al. G Geront 15:1467-76, Dec 67 (Ita)
[Clinical and therapeutic observation on 41 cases of infectious mononucleosis] Cadrobbi P. G Mal Infett 19:611-5, Sep 67 (Ita)
[Antiinflammatory treatment of hemorrhoids and anal fissures] Seghezzi R, et al. Minerva Chir 23:1296-306, 31 Dec 68 (Ita)
[Hemorrhage of the digestive tract as the direct cause of death in liver chirrhosis and effect of diuretics] Fukunaga S, et al. Iryo 23:510-5, Apr 69 (Jap)
[Emergency treatment of non-hemorrhagic shock] Nagauchi K. Sanfujin Jissai 18:515-22, Jun 69 (Jap)
[Attempted evaluation of the treatment of mushroom poisoning] Dyk T, et al. Pol Tyg Lek 24:1005-7, 30 Jun 69 (Pol)
[A case of hepatic coma during viral hepatitis terminated by recovery] Rychalska B. Przegl Epidem 23:353-6, 1969 (Pol)
[Effect of corticotherapy on the selected biochemical tests in virus hepatitis] Drożdż H, et al. Przegl Lek 25:590-4, 1969 (Pol)
[On the use of glucocorticoids in surgery for pulmonary tuberculosis] Bashmakov AI. Klin Khir (Kiev) 2:60-3, Feb 67 (Rus)
[Influence of hormonal therapy on the functional condition of the adrenal cortex in infectious hepatitis in children] El'kina IuA, et al. Pediatriia 48:7-11, Jan 69 (Rus)
[Autoimmune thyroiditis (pathogenesis, clinical picture, diagnosis and treatment)] Aleshin BV, et al. Probl Endokr (Moskva) 14:113-7, Nov-Dec 68 (Rus)
[Modern aspects of corticosteroid therapy of chronic lympholeukemia] Fainshtein FE, et al. Probl Gemat 12:69-75, Oct 67 (Rus)
[On periodic disease] Shub NI. Vrach Delo 5:87-90, May 67 (Rus)
[Effectiveness of treatment of patients with nonspecific ulcerative colitis] Tsybulevskaia VI, et al. Vrach Delo 5:128-9, May 67 (Rus)
[Corticosteroids in the treatment of chronic asthma] Rev Clin Esp 107:374-5, 15 Dec 67 (Spa)

URINE

Radioimmunoassayable ACTH in dexamethasone nonsuppressible Cushing's syndrome. Rayyis SS, et al. J Clin Endocr 29:1231-7, Sep 69
[Levels of urinary 6-beta-hydroxycortisol and other polar corticosteroids in children with severe diseases and its fluctuation by ACTH loading] Komiyama J. Acta Paediat Jap 73:656-62, 1 May 69 (Jap)

HYDROCORTISONE

Characterization of rat heart myosin. II. Enzymatic properties. McCarl RL, et al. Biochemistry (Wash) 8:3659-64, Sep 69
The effect of environment on skeletal tissue in culture. Fell HB. Embryologia (Nagoya) 10:181-205, Feb 69 (27 ref.)
Steroid hormone binding to a macromolecule from hepatoma tissue culture cells. Gardner RS, et al. J Biol Chem 244:4761-7, 10 Sep 69
Further stereochemical studies of the catalytic reduction of delta-1,4-3-keto steroids with tritium. Brodie HJ, et al. J Org Chem 34:2697-702, Sep 69
Interaction of adrenal and gonadal steroids with proteins in human plasma. Rosner W. New Eng J Med 281:658-65, 18 Sep 69 (28 ref.)
[Changes in the stability of the collagen structure in adjuvant disease and their modifications by heavy

metals] Adam M, et al.
Fysiat Reum Vestn 47:175-80, 1969 (Cze)

ADMINISTRATION & DOSAGE

Pre-senile dementia responding to steroid therapy. Chynoweth R, et al. Brit J Psychiat 115:703-8, Jun 69
Local hydrocortisone injections. Murley AH. Brit Med J 3:475, 23 Aug 69
A comparative study of therapeutic regimens with and without corticosteroids in the treatment of tuberculous pleural effusion. Grewal KS, et al. J Indian Med Ass 52:514-6, 1 Jun 69
Studies on the mechanism of action of salicylates. VI. Effect of topical application of retinoic acid on wound-healing retardation action of salicylic acid. Lee KH, et al. J Pharm Sci 58:773-4, Jun 69
The use of the hypospray in the treatment of minor orthopaedic conditions. Hughes GR. Proc Roy Soc Med 62:577, Jun 69
[Extra-capsular tonsillectomy under general anesthesia. Apropos of 100 cases] Alavoine J, et al. Ann Otolaryng (Paris) 86:305-10, Apr-May 69 (Fre)
[Surgery of fibro-adhesive otitis: "thin teflon"] Causse J, et al. Ann Otolaryng (Paris) 86:231-46, Apr-May 69 (Fre)
[Effects of a single injection of hydrocortisone acetate in axenic newborn mice] Salomon JC, et al. Path Biol (Paris) 17:39-44, Jan 69 (Fre)
[Effect on glycemic equilibrium of massive corticotherapy used in the treatment of septic collapse in metabolic resuscitation] Mirouze J, et al. Sem Hop Paris 45:1673-7, 20 May 69 (Fre)
[Corticoid treatment, aim and limitations] Krüskemper HL. Deutsch Med J 20:447-52, Jul 69 (Ger)
[The value of glycerin and retrobulbar injections of hydrocortisone in the treatment of neuritis of the optic nerve] Ershkovich IG, et al. Oftal Zh 24:107-13, 1969 (Rus)
[The significance of the liver in the regulation of fractional composition of 11-oxycorticosteroids of blood plasma] Fedotov VP, et al. Probl Endokr (Moskva) 15:97-101, May-Jun 69 (Rus)
[The effect of hydrocortisone on the secretory fuction o renal tubules] Fomenko GF. Probl Endokr (Moskva) 15:70-3, Jan-Feb 69 (Rus)
[Neoplasm metastasis as a function of various doses of hydrocortisone and the time of its administration] Blinov VA. Vrach Delo 12:37-9, Dec 67 (Rus)

ADVERSE EFFECTS

Tracheoesophageal fistulas following prolonged artificial ventilation via cuffed tracheostomy tubes. Hedden M, et al. Anesthesiology 31:281-9, Sep 69
Local hydrocortisone injections. Murley AH. Brit Med J 3:475, 23 Aug 69
Disorganisation of the knees following intra-articular hydrocortisone injections. Bentley G, et al. J Bone Joint Surg [Brit] 51:498-502, Aug 69
Rupture of patellar ligament after steroid infiltration. Report of a case. Ismail AM, et al. J Bone Joint Surg [Brit] 51:503-5, Aug 69
Corticosteroid arthropathy and tendon rupture. Sweetnam R. J Bone Joint Surg [Brit] 51:397-8, Aug 69
[Effect on glycemic equilibrium of massive corticotherapy used in the treatment of septic collapse in metabolic resuscitation] Mirouze J, et al. Sem Hop Paris 45:1673-7, 20 May 69 (Fre)
[Nipiopharmacology of steroid hormones] Macciotta A. Minerva Nipiol 17:204-38, Nov-Dec 67 (746 ref.) (Ita)

ANALYSIS

A simple technique for separation of cortisol metabolites by thin-layer chromatography and its application for the measurement of cortisol secretion rate. Albuquerque RH, et al. Arq Brasil Endocr 16:183-90, Dec 67
The active transport of cortisol by mouse fibroblasts growing in vitro. Gross SR, et al. Proc West Pharmacol Soc 12:54-8, 1969
[Paper chromatographic demonstration of corticosteroid fractions of the human spleen in various causes of death] Fazekas IG, et al. Acta Hepatosplen (Stuttgart) 16:254-64, Jul-Aug 69 (Ger)
[On the determination of 17-oxycorticosteroids in urine after their transformation into 17-ketosteroids] Rozovskaia IT. Lab Delo 8:464-7, 1967 (Rus)

ANTAGONISTS & INHIBITORS

Studies on the mechanism of induction of tyrosine aminotransferase in neonatal rat liver. Holt PG, et al. Biochemistry (Wash) 8:1429-37, Apr 69
Effect of hydrocortisone on HeLa cells with special reference to the RNA metabolism. Suzuki H, et al. Endocr Jap 16:121-7, Feb 69
[On an inhibition of protein and nucleic acid synthesis by barbital] Kröner H, et al. Naunyn Schmiedeberg Arch Pharm 263:231-2, 1969 (Ger)
[Antagonism in action of insulin and hydrocortisone in the course of the enzymatic induction] Mertvetsov NP. Biokhimiia 34:381-4, Mar-Apr 69 (Rus)

BIOSYNTHESIS

The pathways of corticosteroid biosynthesis by homogenates of adrenal tissue from rabbits stimulated with adrenocorticotropin. Fevold HR. Biochemistry (Wash) 8:3433-9, Aug 69
A comparative study of steroid biosyntheses in vitro. In clear cell adenoma and its adjacent tissue of human adrenal gland. Tamaoki BI. Endocr Jap 16:47-54, Feb 69
Further studies of cortisol production rate. Fukushima DK, et al. J Clin Endocr 29:1042-5, Aug 69
[Relative inefficiency of antidiuretic hormone in patients deficient in cortisol due to a 21-hydroxylation disorder] Boulangé M, et al. J Physiol (Paris) 60:Suppl 2:352, 1968 (Fre)
[Synthesis of steroids beginning with Na-1-14C acetate by wild hamster (Cricetus cricetus L.) adrenal cortex and brown fat in organ culture] Linck G, et al. J Physiol (Paris) 60:Suppl 2:490, 1968 (Fre)
[ACTH or glucocorticoid treatment?] Kaiser H. Deutsch Med Wschr 94:1771-2, 29 Aug 69 (Ger)
[Cortisole production in senile diabetes] Papa C, et al. G Geront 15:1427-34, Dec 67 (Ita)

BLOOD

Diurnal variations of the plasma cortisol level in diabetes insipidus. Czakó L, et al. Acta Med Acad Sci Hung 26:197-202, 1969
The simultaneous fluorimetric determination of corticosterone and cortisol in human plasma. Sasaki H, et al. Acta Med Biol (Niigata) 17:65-83, Jun 69
Corticosteroidogenic effect of long-acting beta 1-24corticotrophin (CIBA 42.915 BA). Asfeldt VH. Acta Med Scand 184:379-82, Nov 68
Clinical alcohol hypoglycemia and isolated adrenocorticotrophic hormone deficiency. Steer P, et al. Ann Intern Med 71:343-8, Aug 69
The hormonal response to physical exercise. Sutton JR, et al. Aust Ann Med 18:84-90, May 69 (48 ref.)
Plasma binding of betamethasone-3H, dexamethasone-3H, and cortisol-14C--a comparative study. Peets EA, et al. Biochem Pharmacol 18:1655-63, Jul 69
Adrenocrotical responsiveness during courses of electro-convulsive therapy. Elithorn A, et al. Brit J Psychiat 115:575-80, May 69
Effect of meperidine on adrenocortical function in man. Oyama T, et al. Canad Anaesth Soc J 16:282-91, Jul 69
A case of adrenocortical cancer treated with O,P'-DDD. Sakauchi N, et al. Endocr Jap 16:287-90, Apr 69
Fetal secretion of glucocorticoids. Jackson BT, et al. Endocrinology 85:875-80, Nov 69
Transcortin: a corticosteroid-binding protein of plasma. XI. Effects of estrogens or pregnancy in guinea pigs. Rosenthal HE, et al. Endocrinology 85:825-30, Nov 69
Effect of desipramine on intestinal absorption of phenylbutazone and other drugs. Consolo S, et al. Europ J Pharmacol 6:322-6, 1969
The duration of action of the synthetic pentacosapeptide D-serine-1-norleucine-4-valinamide-25-beta-1-25-corticotrophin (DW-75) in man. Friedman M. Experientia 25:416-9, 15 Apr 69
Inhibition of adrenal cortical hormones by an extract of lymphoid tissue. Radoiu N, et al. Experientia 25:643-5, 15 Jun 69
Biochemical aspects of depression. Coppen AJ. Int Psychiat Clin 6:53-81, 1969
Guinea pig adrenal 3-beta-hydroxysteroid

dehydrogenase: is there more than one enzyme? Handler RP, et al. J Clin Endocr 29:1117-9, Aug 69
Metabolism of cortisol by human leukemic cells. Jenkins JS, et al. J Clin Endocr 29:1217-21, Sep 69
Excretion of 4-14C-cortisol and 1,2-3H-D-aldosterone in human thermal sweat. Jenkins ME, et al. J Clin Endocr 29:1102-6, Aug 69
Micro-determination of corticosteroids in ovine peripheral plasma: effects of venipuncture, corticotrophin, insulin and glucose. Bassett JM, et al. J Endocr 44:387-403, Jul 69
Cushing's syndrome in infancy. Loridan L, et al. J Pediat 75:349-59, Sep 69
Adrenal catecholamine and cortisol secretion during extracorporeal circulation in dogs. Alexander RW, et al. J Thorac Cardiovasc Surg 58:250-8, Aug 69
Corticosteroids and adrenal function. JAMA 209:1713, 15 Sep 69
Spironolactone and steroid assay. Lurie AO. Lancet 2:326, 9 Aug 69
Some effects of oral contraceptives on carbohydrate metabolism. Wynn V, et al. Lancet 2:761-5, 11 Oct 69
Adrenal response to hypophysectomy in the newborn dog. Kinsella RA Jr, et al. Proc Soc Exp Biol Med 131:1389-92, Sep 69
Hepatic and extrahepatic steroid metabolism in extracorporeal circulation with and without hypothermia in dogs. Milcu SM, et al. Rev Roum Physiol 6:99-105, 1969
Hormonal pattern in bronchial asthma (reversible obstructive lung disease). 1. Role of adrenal steroids. Weiler HH, et al. Scand J Resp Dis 49:163-84, 1968
Metabolism of cortisol in Cushing's syndrome. Ghosh PC, et al. Steroids 14:369-80, Sep 69
[Fluorometric determination of urinary free 11-hydroxycorticosteroids and plasma cortisol] Montgrain C. Canad J Med Techn 31:119-24, Jun 69 (Fre)
[Effect of 8-lysinevasopressin in man on the plasma concentration of corticotropic and somatotropic hormones] Binoux M, et al. J Physiol (Paris) 60:Suppl 2:403, 1968 (Fre)
[Problems raised by fluorometric determination of plasma cortisol in congenital hyperplasia of adrenal glands] Pham-Huu-Trung, et al. Path Biol (Paris) 17:487-91, May 69 (Fre)
[Study of the adrenal gland function using a synthetic delayed-action ACTH] Bercovici JP, et al. Praxis 58:1124-6, 9 Sep 69 (Fre)
[Mode of action of intramuscularly administered depot-steroids studied using the example of paramethasone acetate] Rausch-Stroomann JG, et al. Arzneimittelforschung 19:767-9, May 69 (Ger)
[On the question of the systemic effect of fluprednyliden-21-acetate cream following application of increasing quantities] Peter G, et al. Int Z Klin Pharmakol Ther Toxik 2:83-6, Jan 69 (Ger)
[The effect of heat on the level of human growth hormone in the serum] Geisen K, et al. Z Kinderheilk 106:308-13, 1969 (Ger)
[Peptic ulcer and adrenal cortex function: new aspects of an old problem] Cagnoni M, et al. Arch Ital Mal Appar Dig 35:232-46, 1968 (Ita)
[Special studies on endocrine diseases--Addison's disease] Motohashi K. Clin Endocr (Tokyo) 17:539-41, Jun 69 (16 ref.) (Jap)
[Experimental studies on the effect of low oxygen inhalation on adrenocortical secretion--by the retention cannula method for collecting lumbo-adrenal venous blood in the dog] Ota M. Folia Endocr Jap 45:284-309, 20 Jun 69 (Jap)
[Feedback mechanism of ACTH secretion] Takebe K, et al. Jap J Clin Med 27:1379-89, May 69 (Jap)
[Method for separative determination of hydrocortisone and corticosterone in small volumes of plasma] Botvin'ev OK, et al. Lab Delo 6:341-4, 1969 (Rus)
[Fluorometer for the determination of 11-hydroxy corticosteod n blood plasma] Frenkel' ID, et al. Lab Delo 2:118, 1968 (Rus)
[Modification of the fluorometric method of determination of 11-oxycorticosteroids in blood plasma] Minsker EI, et al. Lab Delo 6:366-7, 1968 (Rus)
[Corticosteroids and concomitant compounds isolated from the peripheral blood and the blood of adrenal veins of Macacus rhesus] Goncharov NP. Probl Endokr (Moskva) 15:58-62, Jan-Feb 69 (Rus)
[Hormonal function of the adrenal cortex in macacus rhesus at various stages of infectious process] Goncharov NP. Probl Endokr (Moskva) 15:102-7, Mar-Apr 69 (Rus)
[The effect of P,P-diethyldiphenyldichlorethane (Perthane) on the function and structure of adrenal cortex in guinea pigs] Komissarenko VP, et al. Probl Endokr (Moskva) 14:90-5, Jul-Aug 68 (Rus)
[Glucocorticoid function of the adrenal cortex in diabetic angiopathies] Povolotskaia GM, et al. Probl Endokr (Moskva) 15:29-33, May-Jun 69 (Rus)
[Adrenal gland function in thyrotoxicosis] Povolotskaia GM, et al. Probl Endokr (Moskva) 15:17-22, May-Jun 69 (Rus)
[Binding hydrocortisone with transcortin in diencephalic syndrome following the Itsenko-Cushing disease course] Rozen VB, et al. Probl Endokr (Moskva) 15:48-52, May-Jun 69 (Rus)

DIAGNOSTIC USE

Hyperkalemia, hypertension and systemic acidosis without renal failure associated with a tubular defect in potassium excretion. Arnold JE, et al. Amer J Med 47:461-72, Sep 69

METABOLISM

Diagnosis of Cushing's syndrome. The differentiation between adrenocortical hyperplasia and adrenocrotical adenoma by means of lysine-vasopressin. Bethge H, et al. Acta Endocr (Kobenhavn) 60:47-59, Jan 69
Influence of chlorinated hydrocarbons and organophosphate insecticides on metabolism of steroids. Kupfer D. Ann NY Acad Sci 160:244-53, 1969 (27 ref.)
Plasma binding of betamethasone-3H, dexamethasone-3H, and cortisol-14C--a comparative study. Peets EA, et al. Biochem Pharmacol 18:1655-63, Jul 69
Hydrolysis of steroid phosphates by mouse tissue phosphatases. Botte V, et al. Biochim Biophys Acta 176:670-2, 29 Apr 69
Urinary 17-ketosteroid fractionation in depression: a preliminary report. Mendels J. Brit J Psychiat 115:581-5, May 69
Metabolism of cortisol by human leukemic cells. Jenkins JS, et al. J Clin Endocr 29:1217-21, Sep 69
Excretion of 4-14C-cortisol and 1,2-3H-D-aldosterone in human thermal sweat. Jenkins ME, et al. J Clin Endocr 29:1102-6, Aug 69
Individual corticosteroids in the urine of children. Savage DC, et al. J Endocr 44:453-4, Jul 69
The active transport of cortisol by mouse fibroblasts growing in vitro. Gross SR, et al. Proc West Pharmacol Soc 12:54-8, 1969
Reproducibility of a double isotope derivative analysis for cortisol metabolites. Fukushima DK, et al. Steroids 14:1-5, Jul 69
Metabolism of cortisol in Cushing's syndrome. Ghosh PC, et al. Steroids 14:369-80, Sep 69
[Bacterial metabolism and corticosteroids] Raab W, et al. Arch Klin Exp Derm 233:363-75, 1969 (Ger)
[Importance of the liver and blood plasma in the formation of corticosteroid-binding globulin (transcortin)] Rozen VB, et al. Probl Endokr (Moskva) 14:66-71, Nov-Dec 68 (Rus)
[Content of free amino acids and proteolytic activity of the skeletal muscle. Changes due to various hormonal factors] Llamas R, et al. Gac Med Mex 99:596-608, Jun 69 (Spa)

PHARMACODYNAMICS

On histochemical and histoenzymological variations in tissue mast cells. Diculescu I, et al. Acta Histochem (Jena) 31:254-60, 1968
Vitamin A and nuclear RNA synthesis. Johnson BC, et al. Amer J Clin Nutr 22:1048-58, Aug 69
A possible method for estimating hormone effects on enzyme synthesis. Szepesi B, et al. Arch Biochem 133:60-9, Aug 69
The effect of tannic acid on the synthesis of protein and nucleic acid by rat liver. Badawy AA, et al. Biochem J 113:307-13, Jun 69
Hormonal induction and regulation of lactose synthetase in mouse mammary gland. Palmiter RD. Biochem J 113:409-17, Jun 69
Effects of morphine on the hormonal control of metabolism. V. Morphine-induced changes in sensitivity of the glucose-uptake system of muscle to

extracellular potassium. Wong SC, et al. **Biochem Pharmacol** 18:1979-83, Aug 69

Studies on the mechanism of induction of tyrosine aminotransferase in neonatal rat liver. Holt PG, et al. **Biochemistry (Wash)** 8:1429-37, Apr 69

The effect of hypophysectomy on rat liver glucokinase activity and on plasma glucose, insulin and nonesterified fatty acid concentrations. Dawson CM, et al. **Biochim Biophys Acta** 184:287-98, 30 Jul 69

Effects of steroids on the release of luteinizing hormone in the rat. Kobayashi F, et al. **Endocr Jap** 16:251-60, Apr 69

Effect of hormones on the chondroitin sulfate metabolism of chick embryo femora growing in vitro. 2. Differential effect of cortisol on chondroitin sulfate synthesis in the cartilagenous bones growing in various natural and synthetic media. Murota S, et al. **Endocr Jap** 16:109-14, Feb 69

Effect of hydrocortisone on HeLa cells with special reference to the RNA metabolism. Suzuki H, et al. **Endocr Jap** 16:121-7, Feb 69

Persistence of sexual behavior in ovariectomized-adrenalectomized rabbits treated with cortisol. Beyer C, et al. **Endocrinology** 85:790-3, Oct 69

Measurement of cortisol-stimulated gluconeogenesis in the rat. Haynes RC Jr, et al. **Endocrinology** 85:811-4, Nov 69

Early macromolecular synthesis in cultured mammary tissue from midpregnant mice. Palmiter RD. **Endocrinology** 85:747-51, Oct 69

Cycloheximide and cortisol inhibiton of estradiol-stimulated uterine uptake and distribution of homologous serum albumin and alpha globulin in the rat. Peterson RP, et al. **Endocrinology** 85:932-40, Nov 69

The role of epithelial growth factor in mammary gland development in vitro. Turkington RW. **Exp Cell Res** 57:79-85, Sep 69

Effects of corticosteroids on mouse hepatitis virus infection. Datta DV, et al. **Gut** 10:522-9, Jul 69

Regulation of tyrosine transaminase in the isolated perfused rat liver. Levitan IB, et al. **J Biol Chem** 244:4684-8, 10 Sep 69

Impaired accumulation of ribonucleic acid precursors and depletion of ribonucleic acid in glucocorticoid-treated bone cells. Peck WA, et al. **J Biol Chem** 244:4174-84, 10 Aug 69

Induction of hepatic enzymes by adenosine 3',5'-monophosphate in organ culture. Wicks WD. **J Biol Chem** 244:3941-50, 25 Jul 69

DNA synthesis in human adipose tissue in vitro. II. Effect of obesity. Esanu C, et al. **J Clin Endocr** 29:1033-5, Aug 69

DNA synthesis in human adipose tissue in vitro. I. Effect of serum and hormones. Esanu C, et al. **J Clin Endocr** 29:1027-32, Aug 69

Radioimmunoassayable ACTH in dexamethasone nonsuppressible Cushing's syndrome. Rayyis SS, et al. **J Clin Endocr** 29:1231-7, Sep 69

Lymphocyte in vitro cytotoxicity: correlation of derepression with release of lymphotoxin from human lymphocytes. Williams TW, et al. **J Immun** 103:170-8, Aug 69

A physicochemical model for the mechanism of action of antihistaminics and cortisol. Botré C, et al. **J Med Chem** 12:832-6, Sep 69

Studies on the mechanism of action of salicylates. VI. Effect of topical application of retinoic acid on wound-healing retardation action of salicylic acid. Lee KH, et al. **J Pharm Sci** 58:773-4, Jun 69

Inhibition by steroids of parathyroid hormone-induced Ca45 release from embryonic rat bone in vitro. Stern PH. **J Pharmacol Exp Ther** 168:211-7, Aug 69

Antagonistic action of anti-androgens on the formation of a specific dihydrotestosterone-receptor protein complex in rat ventral prostate. Fang S, et al. **Molec Pharmacol** 5:428-31, Jul 69

Hormonal effects on amino-acid incorporation into lysine-rich histones. Hohmann P, et al. **Nature (London)** 223:1064-6, 6 Sep 69

Sites and modes of action of antipyretic-analgesic drugs. Keele CA. **Proc Roy Soc Med** 62:535-9, Jun 69 (18 ref.)

Effect of hydrocortisone on chick duodenum cultured in chemically defined medium. Hijmans JC, et al. **Proc Soc Exp Biol Med** 131:1407-12, Sep 69

The cental nervous system and pituitary-adrenocortical feedback mechanisms. Davidson JM, et al. **Rass Neurol Veg** 21:9-27, 30 Apr 67

Mammary alveolar epithelial cells: effect of hydrocortisone on ultrastructure. Mills ES, et al. **Science** 165:1127-8, 12 Sep 69

[Steroid spirolactones--antagonists of mineralocorticoids] Linèt O. **Cesk Farm** 18:218-26, Jun 69 (184 ref.) (Cze)

[Influence of hydrocortisone on mouse perinatal and fetal thyroids cultivated in vitro] Colle-Vandevelde A. **C R Acad Sci [D] (Paris)** 268:3187-8, 30 Jun 69 (Fre)

[Action of thyroid hormones by the oxido-reduction state of the NAD-NADH system in vivo] Fiorentini A, et al. **J Physiol (Paris)** 60:Suppl 2:442-3, 1968 (Fre)

[Adrenal hormones and development of hematopoietic tissue in fetal rat liver] Nagel J, et al. **J Physiol (Paris)** 60:Suppl 2:503-4, 1968 (Fre)

[The influence of the adrenal cortex on adrenaline synthesis in the rat and rabbits fetus and neonate] Roffi J. **J Physiol (Paris)** 60:455-94, Nov-Dec 68 (Fre)

[Investigations on the gluconeogenetic effect of cortisol] Meiers HG, et al. **Acta Endocr (Kobenhavn)** 60:4-12, Jan 69 (Ger)

[Value of human pharmacology test methods in the comparative assessment of topical corticosteroids] Holzmann H, et al. **Arch Klin Exp Derm** 234:261-72, 1969 (Ger)

[Bacterial metabolism and corticosteroids] Raab W, et al. **Arch Klin Exp Derm** 233:363-75, 1969 (Ger)

[Antimicrobial and cytostatic properties of 6-hydroxy-1,3-benzoxathiol-2-one (01 1)] Goeth H, et al. **Arzneimittelforschung** 19:1298-304, Aug 69 (Ger)

[Use of so-called repolarizing solutions, of phosphorylated carbohydrates and of an ataractic drug in the preventive treatment of experimental endotoxic shock] Barusco G, et al. **Acta Anaesth (Padova)** 19:Suppl 4:41-8, 1968 (Ita)

[Effects of chlorpromazine and hydrocortisone on changes in the enzyme pattern induced by ischemia in rat liver] Petti G, et al. **Ann Ist Sup Sanit** 3:386-8, 1967 (Ita)

[Action of ACTH, hydrocortisone and prednisolone on human erythrocytic angiotensinase in vitro] Ripa R, et al. **Boll Soc Ital Biol Sper** 44:1285-9, 31 Aug 68 (Ita)

[Nipiopharmacology of steroid hormones] Macciotta A. **Minerva Nipiol** 17:204-38, Nov-Dec 67 (746 ref.) (Ita)

[Antagonism in action of insulin and hydrocortisone in the course of the enzymatic induction] Mertvetsov NP. **Biokhimiia** 34:381-4, Mar-Apr 69 (Rus)

[Changes in the cardiovascular system of rabbits in diabetes and following the administration of various hormones] Lanin LE. **Biull Eksp Biol Med** 67:28-31, Feb 69 (Rus)

[On the role of gluco-and mineralocorticoids in the regulation of sucrose hydrolysis and enzyme synthesis in the small intestine] Bulbuk GA. **Fiziol Zh SSSR Sechenov** 54:607-13, May 68 (Rus)

[Hydrocortisone influence in synaptic transmission changes in the sympathetic ganglion] Nozdrachev AD. **Fiziol Zh SSSR Sechenov** 55:168-77, Feb 69 (Rus)

[The effect of hydrocortisone on healing of stomach wounds (experimental study)] Mendel' AK. **Klin Khir (Kiev)** 2:22-8, Feb 67 (Rus)

[Nature of the insular apparatus of the pancreas in chronic stress] Barkalaia AI. **Probl Endokr (Moskva)** 14:71-4, Nov-Dec 68 (Rus)

[The effect of hydrocortisone on the secretory fuction o renal tubules] Fomenko GF. **Probl Endokr (Moskva)** 15:70-3, Jan-Feb 69 (Rus)

[Histochemical study of the selective action of hydrocortisone and desoxycorticosterone acetate on the adrenal cortex zones] Kolpakov MG, et al. **Probl Endokr (Moskva)** 13:60-4, May-Jun 67 (Rus)

[Trascortin content in the lasmaof rats after administration of corticosteroids] Komissarenko VP, et al. **Probl Endokr (Moskva)** 15:54-8, Jan-Feb 69 (Rus)

[Reflex responses in the peripheral sympathetic conductors throughout the waking hours of animal following adrenalectomy and administration of corticosteroids] Nozdrachev AD. **Probl Endokr (Moskva)** 14:79-83, Jul-Aug 68 (Rus)

[The effect of adrenalectomy and substitution hydrocortisone administration on some aspects of energetic metabolism of the brain] Panov AN, et al. **Probl Endokr (Moskva)** 14:95-8, Jul-Aug 68 (Rus)

[The effect of hydrocortisone on the rat liver nicotinamide-adenine dinucleotide] Plokhoĭ VI, et al. **Probl Endokr (Moskva)** 13:65-9, May-Jun 67 (Rus)

[The effect of hydrocortisone and insulin on the activity of alanine- and aspartate-alpha-ketoglutarate transaminases in the liver of normal and castrated

male rats of various age] Polikarpova LI.
Probl Endokr (Moskva) 15:90-5, Mar-Apr 69 (Rus)
[The effect of the adrenal cortex hormones on adrenalin synthesis in the adrenal glands of chick embryos and chicks] Stabrovskii EM.
Probl Endokr (Moskva) 15:89-93, May-Jun 69 (Rus)
[The in vivo study of the tissue culture cell injury under the action of some preparations of the chlorethylamine group] Gamaleia NF, et al.
Tsitologiia 10:1561-8, Dec 68 (Rus)
[Changes in the ultrastructure of the rat's liver cells during prolonged enzyme induction] Khristoliubova NB. **Tsitologiia 11:32-7, Jan 69 (Rus)**
[The activity of tryptophan pyrrolase in rat liver in health and in stress] Golotin VG, et al.
Vop Med Khim 15:16-21, Jan-Feb 69 (Rus)
[Changes in phenylalanine hydroxylase activity in albino rat liver during the postnatal period] Khodorovskaia ED, et al.
Vop Med Khim 14:628-31, Nov-Dec 68 (Rus)
[Aspartate-alpha-ketoglutarate and alanine-alpha-ketoglutarate transaminase activity in rat kidney cortex after hydrocortisone administration, after starvation and during alloxan-induced diabetes] Poletaeva KA.
Vop Med Khim 15:227-30, May-Jun 69 (Rus)

PHYSIOLOGY

Hormonal regulation of aminopyrine N-demethylase system in rat liver. Ichii S, et al.
J Biochem (Tokyo) 65:597-601, Apr 69
Glucose homeostasis in the neonatal period] Leeuw R de.
Maandschr Kindergeneesk 37:43-61, Aug 69 (43 ref.) (Dut)
[On the effect of adrenalectomy, adrenal hormones and ACTH on the resistance of developing rats to staphylococcal exotoxin and the endotoxin of Escherichia coli] Belokrylov GA, et al.
Zh Mikrobiol 45:33-7, May 68 (Rus)

SECRETION

Diagnosis of Cushing's syndrome. The differentiation between adrenocortical hyperplasia and adrenocrotical adenoma by means of lysine-vasopressin. Bethge H, et al.
Acta Endocr (Kobenhavn) 60:47-59, Jan 69
Parameters of the stimulus initiating the adrenocortical response to hemorrhage. Gann DS.
Ann NY Acad Sci 156:740-55, 21 Apr 69
Dynamic testing and modeling of adrenocortical secretory function. Urquhart J, et al.
Ann NY Acad Sci 156:756-78, 21 Apr 69
A simple technique for separation of cortisol metabolites by thin-layer chromatography and its application for the measurement of cortisol secretion rate. Albuquerque RH, et al.
Arq Brasil Endocr 16:183-90, Dec 67
Fetal secretion of glucocorticoids. Jackson BT, et al.
Endocrinology 85:875-80, Nov 69
The diagnosis of hypercortisolism. Biochemical criteria differentiating patients from lean and obese normal subjects and from females on oral contraceptives. Streeten DH, et al. **J Clin Endocr 29:1191-211, Sep 69**
Adrenal catecholamine and cortisol secretion during extracorporeal circulation in dogs. Alexander RW, et al. **J Thorac Cardiovasc Surg 58:250-8, Aug 69**
Treatment of Cushing's disease. Correction of hypercortisolism by o,p'DDD without induction of aldosterone deficiency. Temple TE Jr, et al.
New Eng J Med 281:801-5, 9 Oct 69
Medical treatment of Cushing's disease.
New Eng J Med 281:846-7, 9 Oct 69
The metabolic and endocrine response to acute medical stress. Nabarro JD. **Proc Roy Soc Med 62:351-5, Apr 69**
Adrenal response to hypophysectomy in the newborn dog. Kinsella RA Jr, et al.
Proc Soc Exp Biol Med 131:1389-92, Sep 69
[Cortisol secretion in the central type of Cushing's syndrome] Pinsker P, et al.
Cas Lek Cesk 108:1127-31, Sep 69 (Cze)
[The effect of P,P-diethyldiphenyldichlorethane (Perthane) on the function and structure of adrenal cortex in guinea pigs] Komissarenko VP, et al.
Probl Endokr (Moskva) 14:90-5, Jul-Aug 68 (Rus)
[The formation of corticosteroids in the administration of cetamiphen] Komissarenko VP, et al.
Vrach Delo 12:5-6, Dec 67 (Rus)

STANDARDS

Analysis of pharmaceutical particle size data obtained with the Coulter Counter. Short PM, et al.
Pharmazie 24:319-22, Jun 69

THERAPEUTIC USE

Clinical alcohol hypoglycemia and isolated adrenocorticotrophic hormone deficiency. Steer P, et al. **Ann Intern Med 71:343-8, Aug 69**
A case of mild hyperparathyroidism in childhood. Latham SC, et al. **Arch Dis Child 44:521-6, Aug 69**
Fine structure of the human palperbral conjunctiva with special reference to the pathological changes in vernal conjunctivitis. Takakusaki I.
Arch Histol Jap 30:247-82, Apr 69
Tourniquet poditis--an experimental pedal inflammation in the rat. Somogyi A, et al.
Arzneimittelforschung 19:977-81, Jun 69
Electrocardiographic findings in cardiac transplantation. Scheuer J, et al.
Circulation 40:289-96, Sep 69
Rupture of patellar ligament after steroid infiltration. Report of a case. Ismail AM, et al.
J Bone Joint Surg [Brit] 51:503-5, Aug 69
An experimental study on hydrocortisone in cobra envenomation. Chatterjee SC, et al.
J Indian Med Ass 52:493-5, 1 Jun 69
Management of craniopharyngioma in childhood. Matson DD, et al. **J Neurosurg 30:377-90, Apr 69**
Care of the critically ill child: endotoxin shock. Hodes HL. **Pediatrics 44:248-60, Aug 69**
The pharmacological basis for the rational use of topically applied corticosteroids. Greaves MW.
Pharmacol Physicians 3:1-5, Oct 69
Tertiary hyperparathyroidism with fluctuating serum calcium levels. Cotton SG, et al.
Proc Roy Soc Med 62:737-8, 7 Jul 69
Platelet thrombi in rejection episodes. Mowbray J.
Proc Roy Soc Med 62:597-600, Jun 69
Clinical manifestations and treatment of viper bite in Israel. Efrati P. **Toxicon 7:29-31, Jun 69**
[How to treat a stroke] Arné L.
J Med Bordeaux 144:869-73, Jun 67 (Fre)
[Are brain metastases curable?] Riemens V.
J Med Bordeaux 144:875-80, Jun 67 (Fre)
[Cholelithiasis in scorbutic guinea pigs] Pavel I, et al.
Nutr Dieta (Basel) 11:60-8, 1969 (Fre)
[A case of acute poisoning with dibenzodiazepine (Noveril). Contribution to the study of the cardiac manifestations of the thymoanaleptics] Pautrat J, et al. **Presse Med 76:2473-4, 28 Dec 68 (Fre)**
[Antidiuretic state with hyponatremia in the course of hypothyroidism] Raymond JP.
Presse Med 76:2377-8, 21 Dec 68 (Fre)
[Massive corticotherapy in the treatment of septicemic collapse] Mirouze J, et al.
Sem Hop Paris 45:1663-72, 20 May 69 (Fre)
[Hepatic coma in cirrhosis] Staeffen J.
Sem Hop Paris 45:1112-3, 8 Apr 69 (Fre)
[Therapy of hepatic coma] Markoff N.
Deutsch Med Wschr 94:1829-32, 5 Sep 69 (Ger)
[The influence of glucocorticoides on the growth and the chemotherapeutic response of autochthonous sarcomas in mice] Brune H, et al.
Z Krebsforsch 72:213-8, 1969 (Ger)
[Heatstroke] Lurie B, et al.
Dapim Refuiim 27:271-8, Dec 68 (Heb)
[Nipiopharmacology of steroid hormones] Macciotta A.
Minerva Nipiol 17:204-38, Nov-Dec 67 (746 ref.) (Ita)
[Special studies on endocrine diseases--Addison's disease] Motohashi K.
Clin Endocr (Tokyo) 17:539-41, Jun 69 (16 ref.) (Jap)
[Observation on long-term treatment of 5 cases of Addison's disease] Sugimoto T, et al.
Clin Endocr (Tokyo) 17:531-6, Jun 69 (Jap)
[Results of observation and treatment of progressive myopia] Zeydler-Grzędzielewska L.
Klin Oczna 39:397-405, 1969 (Pol)
[Pulmonary-pleuro-pericardial syndrome in the course of hyperthyroidism] Jochweds B, et al.
Pol Tyg Lek 24:685-8, 5 May 69 (Pol)
[Clinical and experimental studies on the biological treatment of the dental pulp with antibiotics and hydrocortisone] Pelcowa M.
Przegl Lek 25:603-6, 1969 (Pol)
[On the significance of the adrenal glands in the effect of a methane-oxygen hypoxic gaseous mixture] Deinega VG. **Gig Tr Prof Zabol 13:57, Mar 69 (Rus)**

[On the use of glucocorticoids in surgery for pulmonary tuberculosis] Bashmakov AI.
Klin Khir (Kiev) 2:60-3, Feb 67 (Rus)
[Hydrocortisone treatment of joint injuries and their sequelae in ambulatory care] Kucherenko AE.
Klin Khir (Kiev) 2:63-5, Feb 67 (Rus)
[Drug therapy in hypogalactia] Sapák K.
Bratisl Lek Listy 52:67-71, Jul 69 (Slo)
[Our results in treatment of gonarthrosis] Stojanović I, et al. Reumatizam 16:65-9, 1969 (Cro)

TOXICITY

[Effects of a single injection of hydrocortisone acetate in axenic newborn mice] Salomon JC, et al.
Path Biol (Paris) 17:39-44, Jan 69 (Fre)

URINE

The duration of action of the synthetic pentacosapeptide D-serine-1-norleucine-4-valinamide-25-beta-1-25-corticotrophin (DW-75) in man. Friedman M.
Experientia 25:416-9, 15 Apr 69
Chromatographic separation of 17-ketosteroids and 17-hydroxycorticosteroids on sephadex LH-20. Seki T, et al. J Chromatogr 42:503-8, 22 Jul 69
The diagnosis of hypercortisolism. Biochemical criteria differentiating patients from lean and obese normal subjects and from females on oral contraceptives. Streeten DH, et al. J Clin Endocr 29:1191-211, Sep 69
Reproducibility of a double isotope derivative analysis for cortisol metabolites. Fukushima DK, et al.
Steroids 14:1-5, Jul 69
Metabolism of cortisol in Cushing's syndrome. Ghosh PC, et al. Steroids 14:369-80, Sep 69
[Cortisol secretion in the central type of Cushing's syndrome] Pinsker P, et al.
Cas Lek Cesk 108:1127-31, Sep 69 (Cze)
[Study of cortisol precursors(21-deoxysteroids and 17-ketosteroids) in the congenital adrenocongenital syndrome] Aznar Reig A, et al.
Rev Clin Esp 111:365-74, 30 Nov 68 (Spa)

HYDROCORTISONE, TOPICAL

THERAPEUTIC USE

[Use of corticosteroids in the pulp and apical region] Escobar M.
Divulg Cult Odont 125:35-7, Mar-Apr 69 (Spa)

17-HYDROXYCORTICOSTEROIDS

Histological and histochemical studies of human anovulatory ovaries correlated with endocrinological analysis Mori T.
Acta Obstet Gynaec Jap 16:156-64, Jul 69
[Isolation of 17-beta-hydroxysteroid:NAD oxidoreductase from human placenta] Descomps B, et al.
Bull Soc Chim Biol (Paris) 50:1681-93, 30 Jan 69 (Fre)

ANALYSIS

Analysis of steroids. 13. Detection of 21-amno corticoseods on thin-layer chromatograms. Görög S, et al. J Chromatogr 43:541-2, 23 Sep 69
Quantitation of C19O2 and C21O2 steroid mono- and disulfates in human bile. Laatikainen T, et al.
Steroids 14:119-31, Aug 69

BIOSYNTHESIS

The pathways of corticosteroid biosynthesis by homogenates of adrenal tissue from rabbits stimulated with adrenocorticotropin. Fevold HR.
Biochemistry (Wash) 8:3433-9, Aug 69
Biochemical studies in a patient with chromatin-negative Klinefelter's syndrome. Dufau M, et al. Clin Chim Acta 25:389-93, Sep 69
[Action of cyproterone on plasma binding and metabolism of testosterone] Guillemant S, et al.
C R Acad Sci [D] (Paris) 268:2595-7, 28 May 69 (Fre)

BLOOD

Simplified dexamethasone suppression test. Asfeldt VH. Acta Endocr (Kobenhavn) 61:219-31, Jun 69
Reversed action of acetylated corticotrophin: inhibition of adreno-cortical secretion. Bulovskaya LN, et al. Acta Endocr (Kobenhavn) 61:193-7, Jun 69
Corticosteroids in human blood. 3. Free and conjugated 17-hydroxycorticosteroids in healthy people and patients with Cushing's syndrome, before and after administration of corticotrophin. Kornel L.
Acta Endocr (Kobenhavn) 60:13-35, Jan 69
Psychological, psychophysiological, and biochemical correlates of prolonged sleep deprivation. Kollar EJ, et al. Amer J Psychiat 126:488-97, Oct 69
Diurnal variations in the cerebral evoked response and EEG. Relations to 17-hydroxycorticosteroid levels. Heninger GR, et al.
Arch Neurol (Chicago) 21:330-7, Sep 69
A case of adrenocortical cancer treated with O,P'-DDD. Sakauchi N, et al. Endocr Jap 16:287-90, Apr 69
Plasma 17-hydroxycorticosteroids response to pyrogen: a contribution to the standardization of the pyrogen test. Yamazaki K, et al.
Endocr Jap 16:391-7, Jun 69
Effect of feeding on hormonal responses to 2-deoxy-D-glucose in conscious monkeys. Smith GP, et al. Endocrinology 85:963-6, Nov 69
The diagnosis of hypercortisolism. Biochemical criteria differentiating patients from lean and obese normal subjects and from females on oral contraceptives. Streeten DH, et al. J Clin Endocr 29:1191-211, Sep 69
The absorption of prednisolone B.P. as 5 mg and 25 mg tablets. Isbister JP, et al.
Med J Aust 1:1135-6, 31 May 69
Treatment of Cushing's disease. Correction of hypercortisolism by o,p'DDD without induction of aldosterone deficiency. Temple TE Jr, et al.
New Eng J Med 281:801-5, 9 Oct 69
Hepatic and extrahepatic steroid metabolism in extracorporeal circulation with and without hypothermia in dogs. Milcu SM, et al.
Rev Roum Physiol 6:99-105, 1969
Position of the sulfate group in steroid sulfates from human plasma. Cronholm T. Steroids 14:285-96, Sep 69
Cushing's syndrome with nodular adrenal hyperplasia. Tucker HS Jr, et al.
Trans Amer Clin Climat Ass 80:37-49, 1969
[Prescription of corticotherapy on alternate days for long periods] Akoun G, et al.
Sem Hop Paris 44:3141-9, 8 Dec 68 (Fre)
[Clinical and biochemical studies in a female patient with mixed gonadal dysgenesis] Zimprich H.
Wien Klin Wschr 81:475-8 passim, 20 Jun 69 (Ger)
[Experimental studies on the effect of low oxygen inhalation on adrenocortical secretion--by the retention cannula method for collecting lumbo-adrenal venous blood in the dog] Ota M.
Folia Endocr Jap 45:284-309, 20 Jun 69 (Jap)
[On the adaptation resources of the female organism in the early puerperium] Vikhliaeva EM, et al.
Akush Ginek (Moskva) 45:3-8, May 69 (Rus)
[Test for determination of 17-oxycorticosteroids in urine and blood plasma by some modified forms of the Silber and Porter method] Khazanov MKh.
Lab Delo 8:470-2, 1968 (Rus)
[ACTH and pituitary-adrenal system] Afinogenova SA.
Probl Endokr (Moskva) 15:79-84, May-Jun 69 (Rus)
[Some problems of the effect of irradiation of the diencephalo-hypophyseal region in the pathological state on the endocrine glands] Draznin NM, et al.
Probl Endokr (Moskva) 15:33-7, May-Jun 69 (Rus)
[The significance of the liver in the regulation of fractional composition of 11-oxycorticosteroids of blood plasma] Fedotov VP, et al.
Probl Endokr (Moskva) 15:97-101, May-Jun 69 (Rus)
[Hormonal function of the adrenal cortex in macacus rhesus at various stages of infectious process] Goncharov NP.
Probl Endokr (Moskva) 15:102-7, Mar-Apr 69 (Rus)
[Secretion of corticosteroids by adrenal glands of guinea pigs after hypophysectomy] Iudaev NA, et al.
Probl Endokr (Moskva) 14:61-6, Nov-Dec 68 (Rus)
[Changes of the blood 17-hydroxycorticosteroids content in pyrexia and hyperthermia] Lindenbraten VD. Probl Endokr (Moskva) 13:74-7, May-Jun 67 (Rus)
[Concentration of 17-oxycorticosteroids in the blood plasma and ascorbic acid content in adrenal glands of guinea pigs following manganese tetrachloride administration] Maksimov SV, et al.
Probl Endokr (Moskva) 14:59-64, May-Jun 68 (Rus)
[Serotonin-reactive structures of the hypothalamus and the function of hypophyseo-adrenal system] Naumenko EV, et al.
Probl Endokr (Moskva) 14:83-6, Jul-Aug 68 (Rus)

[Binding hydrocortisone with transcortin in diencephalic syndrome following the Itsenko-Cushing disease course] Rozen VB, et al. **Probl Endokr (Moskva) 15:48-52, May-Jun 69 (Rus)**

[Change in the function of adrenal glands during splenectomy in patients with hemorrhagic diathesis at different methods of use of steroid hormones] Kukina MN. **Probl Gemat 12:42-6, Jun 67 (Rus)**

[Function of adrenal cortex after cholecystectomy] Karaman NV. **Vrach Delo 10:119-21, Oct 67 (Rus)**

[Changes in the content of 17-oxycorticosteroids in blood plasma in patients with bronchial thma] Zubtsovskaia NN. **Vrach Delo 1:58-61, Jan 67 (Rus)**

ISOLATION & PURIFICATION

A simple method for separate determination of the main 17,21-dihydroxy-20-ketosteroids. Pieterse EW, et al. **Clin Chim Acta 25:243-6, Aug 69**

Further studies of cortisol production rate. Fukushima DK, et al. **J Clin Endocr 29:1042-5, Aug 69**

METABOLISM

Corticosteroids in human blood. 3. Free and conjugated 17-hydroxycorticosteroids in healthy people and patients with Cushing's syndrome, before and after administration of corticotrophin. Kornel L. **Acta Endocr (Kobenhavn) 60:13-35, Jan 69**

Diurnal variations in the cerebral evoked response and EEG. Relations to 17-hydroxycorticosteroid levels. Heninger GR, et al. **Arch Neurol (Chicago) 21:330-7, Sep 69**

Testing in hypertension. Mendlowitz M, et al. **Israel J Med Sci 5:605-7, Jul-Aug 69**

[Blocking of the microbiological 11 beta-hydroxylation of steroids by 18-methyl substitution] Kieslich K, et al. **Liebig Ann Chem 726:161-7, 1969 (Ger)**

PHARMACODYNAMICS

Cytological and cytochemical comparative study on the effect of cyproterone (anti-androgen) and gonadectomy on the gonadotrophic cells of the hypophysis in male rats. Mietkiewski K, et al. **Acta Endocr (Kobenhavn) 61:293-301, Jun 69**

Clinical, biochemical, and experimental studies on lactation. II. Clinical effects of gestagens on lactation. Kamal I, et al. **Amer J Obstet Gynec 105:324-34, 1 Oct 69**

Testosterone metabolism in the rat ventral prostate. Belham JE, et al. **Biochim Biophys Acta 187:159-62, 29 Jul 69**

Antagonistic action of anti-androgens on the formation of a specific dihydrotestosterone-receptor protein complex in rat ventral prostate. Fang S, et al. **Molec Pharmacol 5:428-31, Jul 69**

[Action of cyproterone on plasma binding and metabolism of testosterone] Guillemant S, et al. **C R Acad Sci [D] (Paris) 268:2595-7, 28 May 69 (Fre)**

[Cytological and cytochemical changes in the adenohypophysis of the adult male rats treated with cyproterone] Miętkiewski K, et al. **Endokr Pol 20:311-23, 1969 (Pol)**

SECRETION

Reversed action of acetylated corticotrophin: inhibition of adreno-cortical secretion. Bulovskaya LN, et al. **Acta Endocr (Kobenhavn) 61:193-7, Jun 69**

Adrenal microcirculation in hemorrhagic shock. Mack E, et al. **Surg Gynec Obstet 129:511-8, Sep 69**

[Experimental studies on the effect of low oxygen inhalation on adrenocortical secretion--by the retention cannula method for collecting lumbo-adrenal venous blood in the dog] Ota M. **Folia Endocr Jap 45:284-309, 20 Jun 69 (Jap)**

THERAPEUTIC USE

[Factors stimulating liver regeneration; role of anabolic steroids in reactive regeneration in chronic liver diseases] Nicolaescu T, et al. **Rev Roum Physiol 6:119-26, 1969 (Fre)**

URINE

Aminoaciduria in xeroderma pigmentosum. Hatano H, et al. **Acta Dermatovener (Stockholm) 48:571-3, 1968**

Inhibitory effect of diphenylhydantoin on the feedback control of corticotrophin release. Asfeldt VH, et al. **Acta Endocr (Kobenhavn) 61:551-60, Jul 69**

The effect of heparin on sodium conservation and on the plasma concentration, the metabolic clearance and the secretion and excretion rates of aldosterone in normal subjects. Bailey RE, et al. **Acta Endocr (Kobenhavn) 60:249-64, Feb 69**

Diagnosis of Cushing's syndrome. The differentiation between adrenocortical hyperplasia and adrenocrotical adenoma by means of lysine-vasopressin. Bethge H, et al. **Acta Endocr (Kobenhavn) 60:47-59, Jan 69**

The detection and characterization of 11-deoxycortisol (Compound S) in late pregnancy urine. Dässler CG. **Acta Endocr (Kobenhavn) 61:198-202, Jun 69**

Contraception by an injectable, long-acting oestrogen-progestogen agent. Piesner R. **Acta Endocr (Kobenhavn) 61:494-508, Jul 69**

Serum ornithine carbamoyl transferase activity (S-OCT) after irradiation of malignant tumours and after administration of ACTH. Brohult J. **Acta Med Scand 185:363-8, Apr 69**

Metabolic reflection of sleep deprivation. Kuhn E, et al. **Activ Nerv Sup (Praha) 11:165-74, 1969**

A clinical and metabolic study of masculinizing arrhenoblastoma. Sato T, et al. **Amer J Obstet Gynec 104:1124-30, 15 Aug 69**

Psychological, psychophysiological, and biochemical correlates of prolonged sleep deprivation. Kollar EJ, et al. **Amer J Psychiat 126:488-97, Oct 69**

Anterior and posterior hypopituitarism associated with sickle cell trait. Pastore RA, et al. **Ann Intern Med 71:593-8, Sep 69**

Further evaluation of urinary 17-hydroxycorticosteroids in suicidal patients. Bunney WE Jr, et al. **Arch Gen Psychiat (Chicago) 21:138-50, Aug 69**

Diurnal variations in the cerebral evoked response and EEG. Relations to 17-hydroxycorticosteroid levels. Heninger GR, et al. **Arch Neurol (Chicago) 21:330-7, Sep 69**

Urinary steroids and breast disease. Gleave EN, et al. **Brit J Surg 56:627, Aug 69**

A simple method for separate determination of the main 17,21-dihydroxy-20-ketosteroids. Pieterse EW, et al. **Clin Chim Acta 25:243-6, Aug 69**

A case of adrenocortical cancer treated with O,P'-DDD. Sakauchi N, et al. **Endocr Jap 16:287-90, Apr 69**

Inhibition of adrenal cortical hormones by an extract of lymphoid tissue. Radoiu N, et al. **Experientia 25:643-5, 15 Jun 69**

Chromatographic separation of 17-ketosteroids and 17-hydroxycorticosteroids on sephadex LH-20. Seki T, et al. **J Chromatogr 42:503-8, 22 Jul 69**

Once-a-day neurally stimulated and basal ACTH secretion phases in man and their response to corticoid inhibition. Ceresa F, et al. **J Clin Endocr 29:1074-82, Aug 69**

DNA synthesis in human adipose tissue in vitro. II. Effect of obesity. Esanu C, et al. **J Clin Endocr 29:1033-5, Aug 69**

Further studies of cortisol production rate. Fukushima DK, et al. **J Clin Endocr 29:1042-5, Aug 69**

Mineral, electrolyte and nitrogen balance studies of the Gemini-VII fourteen-day orbital space flight. Lutwak L, et al. **J Clin Endocr 29:1140-56, Sep 69**

The diagnosis of hypercortisolism. Biochemical criteria differentiating patients from lean and obese normal subjects and from females on oral contraceptives. Streeten DH, et al. **J Clin Endocr 29:1191-211, Sep 69**

Recent studies on androgenic function in human subjects. Ismail AA, et al. **J Obstet Gynaec Brit Comm 75:929-40, Sep 68 (78 ref.)**

Cushing's syndrome in infancy. Loridan L, et al. **J Pediat 75:349-59, Sep 69**

Corticosteroids and adrenal function. **JAMA 209:1713, 15 Sep 69**

Decreased 17-hydroxycorticosteroid and VMA excretion during sleep following glutethimide administration in man. Rubin RT, et al. **Life Sci 8:959-64, 1 Sep 69**

Adrenal-pituitary relationships with prolonged low dosage steroid therapy in rheumatoid arthritis. Zuckner J, et al. **Missouri Med 66:649-53 passim, Aug 69**

Pituitary enlargement with longstanding myxoedema. Patel YC, et al. **New Zeal Med J 70:21-3, Jul 69**

Androgen metabolism in congenital adrenal hyperplasia due to 11 beta-hydroxylase deficiency. Frasier SD, et al. **Pediatrics 44:201-8, Aug 69**

Adrenal response to excess corticotropin in coronary-prone men. Friedman M, et al. **Proc Soc Exp Biol Med 131:1305-7, Sep 69**

The adrenal cortex and the pregnant diabetic. Notelovitz M. **S Afr Med J 43:975-8, 9 Aug 69**

Hormonal pattern in bronchial asthma (reversible obstructive lung disease). 1. Role of adrenal steroids. Weiler HH, et al. **Scand J Resp Dis 49:163-84, 1968**

Metabolism of cortisol in Cushing's syndrome. Ghosh PC, et al. **Steroids 14:369-80, Sep 69**

[Hypothalamic control of thermoregulation and of hibernation in the European hamster Cricetus cricetus] Malan A. **Arch Sci Physiol (Paris) 23:47-87, 1969 (Fre)**

[Action of cyproterone on plasma binding and metabolism of testosterone] Guillemant S, et al. **C R Acad Sci [D] (Paris) 268:2595-7, 28 May 69 (Fre)**

[Androgenic tumors of the adrenal cortex] Guinet P, et al. **Maroc Med 47:296-305, Apr 67 (Fre)**

[Study of the adrenal gland function using a synthetic delayed-action ACTH] Bercovici JP, et al. **Praxis 58:1124-6, 9 Sep 69 (Fre)**

[Prescription of corticotherapy on alternate days for long periods] Akoun G, et al. **Sem Hop Paris 44:3141-9, 8 Dec 68 (Fre)**

[Launosis-Bensaude symmetric adenolipomatosis and disorders of lipid metabolism] Grivaux M, et al. **Sem Hop Paris 45:1958-66, 14 Jun 69 (Fre)**

[Contribution on the therapy of anovulatory sterility with menopausal gonadotropin] Stöckli A. **Gynaecologia (Basel) 167:439-42, 1969 (Ger)**

[On the question of the systemic effect of fluprednyliden-21-acetate cream following application of increasing quantities] Peter G, et al. **Int Z Klin Pharmakol Ther Toxik 2:83-6, Jan 69 (Ger)**

[A few remarks on the effect of light on the human body] Fatranská M. **Z Ges Hyg 14:146-8, Feb 68 (Ger)**

[Evaluation of the mean age of the adrenal gland in relation to degree of obesity] Silvi G, et al. **G Geront 15:1455-60, Dec 67 (Ita)**

[Hypertension and endocrinology] Torikai T. **J Jap Soc Intern Med 57:13-6, 31 Dec 68 (Jap)**

[Effect of the addition of sodium sulfate on beta-glucuronidase catalysis in the determination of urinary 17-OHCS] Nishikaze O, et al. **Med Biol (Tokyo) 78:239-42, 10 Jun 69 (Jap)**

[Diagnosis and therapeutic results in cases of hirsutism in women] Szamatowicz M. **Ginek Pol 40:659-67, Jun 69 (Pol)**

[Clinical picture of the adrenogenital syndrome with enzymatic block of 11-hydoxylase in 2 brothers] Smolik R, et al. **Pol Arch Med Wewnet 42:937-41, Jun 69 (Pol)**

[Hypophyseal reserve in patients with peptic ulcer] Lubczyńska-Kowalska W, et al. **Pol Tyg Lek 24:582-3, 21 Apr 69 (Pol)**

[Biochemical changes in internal organs of rats under the effect of pesticides] Przeździecki Z. **Roczn Panstw Zakl Hig 20:231-48, 1969 (Pol)**

[Protein composition of the blood and excretion of corticosteroids in patients with arteriosclerotic cardiosclerosis with chronic circulatory insufficiency] Zaretskiĭ MM, et al. **Kardiologiia 9:49-53, Feb 69 (Rus)**

[On the evaluation of results of determination of the excretion of total 17-hydroxycorticosteroids in urine by different methods in non-endocrine diseases] Frenkel' ID, et al. **Lab Delo 6:373-4, 1969 (Rus)**

[Degree of effect of glucosuria in the determination of urinary 17-hydroxycorticosteroid excretion] Geller LI. **Lab Delo 1:58, 1969 (Rus)**

[Daily rhythm of excretion of 17-hydroxycorticosteroids in certain diseases] Geller LI, et al. **Lab Delo 6:377-8, 1969 (Rus)**

[Evaluation of some indices of the functional condition of adrenal cortex in liver function disorders] Geller LI, et al. **Lab Delo 8:456-7, 1968 (Rus)**

[Test for determination of 17-oxycorticosteroids in urine and blood plasma by some modified forms of the Silber and Porter method] Khazanov MKh. **Lab Delo 8:470-2, 1968 (Rus)**

[On the evaluation of adrenal cortex function in patients in the early stages of atherosclerosis of brain vessels in its initial stage and during the process of treatment] Kushkovoĭ IuI. **Lab Delo 6:374-5, 1969 (Rus)**

[On the determination of 17-oxycorticosteroids in urine after their transformation into 17-ketosteroids] Rozovskaia IT. **Lab Delo 8:464-7, 1967 (Rus)**

[Influence of hormonal therapy on the functional condition of the adrenal cortex in infectious hepatitis in children] El'kina IuA, et al. **Pediatriia 48:7-11, Jan 69 (Rus)**

[Carbohydrate metabolism in newborn infants of mothers with diabetes mellitus] Orekhov KV, et al. **Pediatriia 48:61-4, Mar 69 (30 ref.) (Rus)**

[Malignant tumor of the adrenal cortex in man with increased estrogen and glucocorticoid activity] Butrova SA, et al. **Probl Endokr (Moskva) 14:48-9, May-Jun 68 (Rus)**

[Treatment of some endocrine diseases by administration of radioactive yttrium into hypophysis] Dol'iotti DCh. **Probl Endokr (Moskva) 14:3-10, Nov-Dec 68 (Rus)**

[Condition of carbohydrate metabolism in the initial and atypical forms of Itsenko-Cushing disease] Gincherman EZ, et al. **Probl Endokr (Moskva) 15:53-7, May-Jun 69 (Rus)**

[Hormonal function of the adrenal cortex in macacus rhesus at various stages of infectious process] Goncharov NP. **Probl Endokr (Moskva) 15:102-7, Mar-Apr 69 (Rus)**

[Urinary excretion of 17-oxycorticosteroids during pregnancy and postpartum] Karpushin VP. **Probl Endokr (Moskva) 14:37-40, Nov-Dec 68 (Rus)**

[Assessment of the functional state of the adrenal cortex in liver diseases] Khazanov MKh. **Probl Endokr (Moskva) 13:37-41, May-Jun 67 (Rus)**

[The effect of P,P-diethyldiphenyldichlorethane (Perthane) on the function and structure of adrenal cortex in guinea pigs] Komissarenko VP, et al. **Probl Endokr (Moskva) 14:90-5, Jul-Aug 68 (Rus)**

[Functional state of adrenal cortex and deametasone depression of the hypothalamo-hypophyseo-adrenal cortex system n patentswth iabetes mellitus] Orkodashvili LSHORKDASHV. **Probl Endokr (Moskva) 15:13-8, Jan-Feb 69 (Rus)**

[Glucocorticoid function of the adrenal cortex in diabetic angiopathies] Povolotskaia GM, et al. **Probl Endokr (Moskva) 15:29-33, May-Jun 69 (Rus)**

[Adrenal gland function in thyrotoxicosis] Povolotskaia GM, et al. **Probl Endokr (Moskva) 15:17-22, May-Jun 69 (Rus)**

[Binding hydrocortisone with transcortin in diencephalic syndrome following the Itsenko-Cushing disease course] Rozen VB, et al. **Probl Endokr (Moskva) 15:48-52, May-Jun 69 (Rus)**

[Condition of the bone-joint system in male hypogonadism (clinico-roentgenological examination] Starkova NT, et al. **Probl Endokr (Moskva) 15:3-7, May-Jun 69 (Rus)**

[Pathogenetic mechanism of diabetes insipidus and the problems of its therapy] Veĭn AM, et al. **Probl Endokr (Moskva) 15:42-8, May-Jun 69 (Rus)**

[Relationship of daily excretion of 17-oxycorticosteroids and of uropepsin and localization and phase of peptic ulcer] Fisher AA. **Vrach Delo 1:127-8, Jan 67 (Rus)**

[The formation of corticosteroids in the administration of cetamiphen] Komissarenko VP, et al. **Vrach Delo 12:5-6, Dec 67 (Rus)**

17-KETOSTEROIDS

Histological and histochemical studies of human anovulatory ovaries correlated with endocrinological analysis. Mori T. **Acta Obstet Gynaec Jap 16:156-64, Jul 69**

The role of cytochrome P-450 in the mechanism of inhibition of steroid 11 beta-hydroxylation by dicumarol. Williamson DG, et al. **Biochemistry (Wash) 8:1300-6, Apr 69**

ANALYSIS

Steroidogenesis in a case of hydatidiform mole. Coutts JR, et al. **J Endocr 44:335-48, Jul 69**

[Fractionation of steroid hormones epinephrine and their metabolites. Androgen (C19-steroid)] Kambegawa A. **Jap J Clin Med 27:593-9, Mar 69 (Jap)**

[Quantitative evaluation of lipid and ketosteroid levels in the adrenal cortex using the POOS-1 apparatus] Zaĭtseva KK, et al. **Arkh Pat 30:71-5, 1968 (Rus)**

BIOSYNTHESIS

Effect of vitamin A on enzymic conversion of the delta-5-3-beta-hydroxy- into delta-4-3-oxosteroids by adrenals of the rat. Grangaud R, et al. **Amer J Clin Nutr 22:991-1002, Aug 69**

Seasonal changes in the in vitro production of testicular androgens by the cobra (Naja naja Linn). Tam WH, et al. **Gen Comp Endocr 13:117-25, Aug 69**

Metabolism of dehydroepiandrosterone by the separated zones of the human foetal and newborn adrenal cortex. Shirley IM, et al. **J Endocr 44:411-9, Jul 69**

[Syndrome of the polycystic ovary and the Vito Patrono test in its differential diagnosis. Therapeutic findings] Molina Navia L. **Ginec Obstet Mex 22:1521-6, Nov 67 (Spa)**

BLOOD

Corticosteroidogenic effect of long-acting beta 1-24corticotrophin (CIBA 42.915 BA). Asfeldt VH. **Acta Med Scand 184:379-82, Nov 68**

Plasma androgen concentrations in several species of Old and New World monkeys. Snipes CA, et al. **Endocrinology 85:941-5, Nov 69**

Sex hormone binding proteins. I. Binding of steroids by serum of an elasmobranch (Raja radiata). Idler DR, et al. **Gen Comp Endocr 13:75-82, Aug 69**

The metabolic and endocrine response to acute medical stress. Nabarro JD. **Proc Roy Soc Med 62:351-5, Apr 69**

A competitive protein binding method for the measurement of plasma androstenedione. Rosenfield RL. **Steroids 14:251-61, Sep 69**

[Clinical and biochemical studies in a female patient with mixed gonadal dysgenesis] Zimprich H. **Wien Klin Wschr 81:475-8 passim, 20 Jun 69 (Ger)**

ISOLATION & PURIFICATION

Studies on the metabolism of steroid hormones and their precursors by the human placenta at various stages of gestation. II. In vitro metabolism of 3 beta-hydroxyandrost-5-en-17-one. Smith SW, et al. **J Clin Endocr 29:1182-90, Sep 69**

METABOLISM

Urinary 17-ketosteroid fractionation in depression: a preliminary report. Mendels J. **Brit J Psychiat 115:581-5, May 69**

Steroid metabolism by badger (Taxidea taxus) ovarian tissue homogenates. Fevold HR, et al. **Gen Comp Endocr 13:60-7, Aug 69**

Testing in hypertension. Mendlowitz M, et al. **Israel J Med Sci 5:605-7, Jul-Aug 69**

Androgen metabolism in congenital adrenal hyperplasia due to 11 beta-hydroxylase deficiency. Frasier SD, et al. **Pediatrics 44:201-8, Aug 69**

Steroid hormone transformations by endocrine organs from pregnant mammals. V. The biosynthesis and metabolism of progesterone and estrogens by orangutan placental tissue in vitro. Ainsworth L, et al. **Steroids 14:301-14, Sep 69**

Metabolism of progesterone by rattesticular homogenates. 3. Inhibitory effects of intermediates and other steroids. Nayfeh SN, et al. **Steroids 14:269-83, Sep 69**

[Androgen metabolism and estrogen production in explant cultures of rat ovaries following incubation with androstenedione and testosterone] Schriefers H, et al. **Hoppe Seyler Z Physiol Chem 350:999-1007, Aug 69 (Ger)**

[Change in sexual specificity with respect to the reduction of androstenedione by hydrogen from estradiol-17beta in rat liver following feminization by cyproterone acetate] Wenzel M, et al. **Hoppe Seyler Z Physiol Chem 350:791-2, Jun 69 (Ger)**

[Metabolism of testosterone in the isolated, perfused liver of the guinea pig] Demisch K, et al. **Naunyn Schmiedeberg Arch Pharm 263:264-5, 1969 (Ger)**

[Study of a case of progressive muscular atrophy associated with precocious macrogenitosomy] Smorto M, et al. **Osped Psichiat 36:209-30, Jul-Dec 68 (Ita)**

PHARMACODYNAMICS

Uptake and metabolism in vivo of testosterone-1,2-3H by accessory sex organs of male rats; influence of some hormonal compounds. Tveter KJ, et al. **Endocrinology 85:683-9, Oct 69**

Partial defeminization by administration of androstenedione to neonatal female rats. Luttge WG, et al. **Life Sci 8:1003-8, 1 Sep 69**

URINE

Diagnosis and treatment of mastopathy. Márton Z, et al. **Acta Chir Acad Sci Hung 10:93-103, 1969**

Aminoaciduria in xeroderma pigmentosum. Hatano H, et al. **Acta Dermatovener (Stockholm) 48:571-3, 1968**

Urinary excretion of androstenedione, testosterone, epitestosterone and dehydroepiandrosterone during the normal menstrual cycle. Longhino N, et al. **Acta Endocr (Kobenhavn) 59:644-51, Dec 68**

Contraception by an injectable, long-acting oestrogen-progestogen agent. Plesner R. **Acta Endocr (Kobenhavn) 61:494-508, Jul 69**

A clinical and metabolic study of masculinizing arrhenoblastoma. Sato T, et al. **Amer J Obstet Gynec 104:1124-30, 15 Aug 69**

Anterior and posterior hypopituitarism associated with sickle cell trait. Pastore RA, et al. **Ann Intern Med 71:593-8, Sep 69**

Studies in plasma neutral steroid sulphates, urinary 11-deoxy-17-ketosteroids and estrogens, and plasma lipids in patients with hypercholesterolemia or hyperlipemia. Adlercreutz H, et al. **Ann Med Exp Biol Fenn 46:165-71, 1968**

Urinary 17-ketosteroid fractionation in depression: a preliminary report. Mendels J. **Brit J Psychiat 115:581-5, May 69**

Urinary steroids and breast disease. Gleave EN, et al. **Brit J Surg 56:627, Aug 69**

A case of adrenocortical cancer treated with O,P'-DDD. Sakauchi N, et al. **Endocr Jap 16:287-90, Apr 69**

Inhibition of adrenal cortical hormones by an extract of lymphoid tissue. Radoiu N, et al. **Experientia 25:643-5, 15 Jun 69**

Two cases of germinal aplasia: plasma concentration and in vitro biosynthesis of androgens. Conti C, et al. **Folia Endocr (Roma) 21:404-11, Aug 68**

Evaluation of metopiron and ACTH tests in prolonged corticosteroid treatment of chronic asthma. Lass N, et al. **Int Arch Allerg 36:180-5, 1969**

Gingival hyperplasia related to treatment with diphenylhydantoin (diphedan; DH). Rudas SL, et al. **Int Z Klin Pharmakol Ther Toxik 2:180-4, Apr 69**

Chromatographic separation of 17-ketosteroids and 17-hydroxycorticosteroids on sephadex LH-20. Seki T, et al. **J Chromatogr 42:503-8, 22 Jul 69**

Cushing's syndrome in infancy. Loridan L, et al. **J Pediat 75:349-59, Sep 69**

A case of adult male pseudohermaphroditism: the problems of diagnosis and treatment. Jelinek VM, et al. **Med J Aust 2:150-3, 19 Jul 69**

Androgen metabolism in congenital adrenal hyperplasia due to 11 beta-hydroxylase deficiency. Frasier SD, et al. **Pediatrics 44:201-8, Aug 69**

Thiol groups as a factor preventing senescence and stimulating growth processes in various organisms. Oeriu S, et al. **Rev Roum Physiol 5:273-8, 1968**

The adrenal cortex and the pregnant diabetic. Notelovitz M. **S Afr Med J 43:975-8, 9 Aug 69**

Hormonal pattern in bronchial asthma (reversible obstructive lung disease). 1. Role of adrenal steroids. Weiler HH, et al. **Scand J Resp Dis 49:163-84, 1968**

Metabolism of cortisol in Cushing's syndrome. Ghosh PC, et al. **Steroids 14:369-80, Sep 69**

Monosulfates of 16-oxygenated ketonic C19 steroids in adult human urine. Jänne O, et al. **Steroids 14:235-50, Sep 69**

[Method for determining testosterone and epitestosterone in human urine] Drosdowsky MA, et al. **Bull Soc Chim Biol (Paris) 50:1723-37, 30 Jan 69 (Fre)**

[Action of cyproterone on plasma binding and metabolism of testosterone] Guillemant S, et al. **C R Acad Sci [D] (Paris) 268:2595-7, 28 May 69 (Fre)**

[Studies concerning the action mechanism of a retrosteroid, RO 4-8347] Béguin F, et al. **Gynaecologia (Basel) 167:450-61, 1969 (Fre)**

[Testicular function in idiopathic hemochromatosis] Gilbert-Dreyfus. **Rev Franc Endocr Clin 10:191-203, May-Jun 69 (Fre)**

[Urinary testosterone and epitestosterone in gynecology practice] Ingiulia W, et al. **Rev Franc Endocr Clin 10:109-20, Mar-Apr 69 (Fre)**

[Female laryngeal carcinoma and sexual hormones] Hanson J, et al.

Arch Klin Exp Ohr Nas Kehlkopfheilk 193:277-86, 1969 (Ger)
[Studies on the gonad and adrenal cortex function using a gestagen-therapy (Chlormadinone acetate)] Reisert PM, et al.
Arzneimitteiforschung 19:1279-83, Aug 69 (Ger)
[Contribution on the therapy of anovulatory sterility with menopausal gonadotropin] Stöckli A.
Gynaecologia (Basel) 167:439-42, 1969 (Ger)
[Werner's syndrome combined with pseudo-Klinefelter's syndrome] Tritsch H, et al.
Hautarzt 19:547-51, Dec 68 (Ger)
[On the question of the systemic effect of fluprednyliden-21-acetate cream following application of increasing quantities] Peter G, et al.
Int Z Klin Pharmakol Ther Toxik 2:83-6, Jan 69 (Ger)
[Hyperandrogenic variations in pregnancy] Colavita D, et al. Arch Ostet Ginec 73:1026-35, Nov-Dec 68 (Ita)
[Congenital anorchidism with partial anterior hypopituitarism] Abate G, et al.
Folia Endocr (Roma) 21:485-500, Aug 68 (Ita)
[Aspects of steroid biosynthesis in normal human testes] Sciarra F, et al.
Folia Endocr (Roma) 21:412-22, Aug 68 (Ita)
[On a case of congenital adrenal hyperplasia with hypertension] Ronconi G.
Fracastoro 60:661-6, Nov-Dec 67 (Ita)
[Evaluation of the mean age of the adrenal gland in relation to degree of obesity] Silvi G, et al.
G Geront 15:1455-60, Dec 67 (Ita)
[Study on gynecomastia and its possible association with malignant tumors. Gynecomastia] Abe O.
Jap J Cancer Clin 15:317-22, Mar 69 (Jap)
[Determination of 17-ketogenic steroids. 1. Comparison between indirect and direct methodw with NaBi03 and NaIO4 methods] Okamoto T, et al.
Jap J Clin Path 17:392-6, May 69 (Jap)
[Steroid-creatinine ratio in the steroid hormone examination for outpatients, with special reference to analysis of the urine in children] Usui T, et al.
Jap J Clin Path 17:330-2, Apr 69 (Jap)
[Excretion of 17-ketosteroids in prepubescent girls] Szamatowicz M. Ginek Pol 40:541-7, May 69 (Pol)
[Diagnosis and therapeutic results in cases of hirsutism in women] Szamatowicz M.
Ginek Pol 40:659-67, Jun 69 (Pol)
[Clinical picture of the adrenogenital syndrome with enzymatic block of 11-hydoxylase in 2 brothers] Smolik R, et al.
Pol Arch Med Wewnet 42:937-41, Jun 69 (Pol)
[The effect of cytochrome C on 17-ketosteroid excretion in patients with allergic bronchial asthma] Wrzyszcz M. Pol Tyg Lek 24:674-6, 5 May 69 (Pol)
[Biochemical changes in internal organs of rats under the effect of pesticides] Przeździecki Z.
Roczn Panstw Zakl Hig 20:231-48, 1969 (Pol)
[Dyshormonism of the adrenal glands in gastroduodenal ulcer] Russu G, et al.
Rev Medicochir Iasi 73:53-9, Jan-Mar 69 (Rum)
[The influence of gestagens on the level of urinary excretion of steroid hormones] Seroshevskiĭ Iu, et al.
Akush Ginek (Moskva) 45:36-9, May 69 (Rus)
[Comparative results of the study of the thyroid gland and androgen function of the adrnal cortex in patients with hypertensive disease] Kolbasova AN.
Kardiologiia 9:126-8, Apr 69 (Rus)
[Protein composition of the blood and excretion of corticosteroids in patients with arteriosclerotic cardiosclerosis with chronic circulatory insufficiency] Zaretskiĭ MM, et al.
Kardiologiia 9:49-53, Feb 69 (Rus)
[On the unification of the expression of results of determination of steroid hormones in urine] Bershteĭn LM. Lab Delo 6:375-7, 1969 (Rus)
[Evaluation of some indices of the functional condition of adrenal cortex in liver function disorders] Geller LI, et al. Lab Delo 8:456-7, 1968 (Rus)
[On the evaluation of adrenal cortex function in patients in the early stages of atherosclerosis of brain vessels in its initial stage and during the process of treatment] Kushkovoĭ IuI.
Lab Delo 6:374-5, 1969 (Rus)
[Quantitative determination of the content of single fractions of 17-ketosteroids in urine by the thin-layer chromatography method] Olifson LE, et al.
Lab Delo 6:344-8, 1969 (Rus)
[Use of the Fortherby method for determination of dehydroepiandrosterone in urine in the obstetric clinic] Orlova VG. Lab Delo 6:348-50, 1969 (Rus)
[On the determination of 17-oxycorticosteroids in urine after their transformation into 17-ketosteroids] Rozovskaia IT. Lab Delo 8:464-7, 1967 (Rus)
[Influence of hormonal therapy on the functional condition of the adrenal cortex in infectious hepatitis in children] El'kina IuA, et al.
Pediatriia 48:7-11, Jan 69 (Rus)
[Functional state of adrenal cortex and deametasone depression of the hypothalamo-hypophyseo-adrenal cortex system n patentswth iabetes mellitus] Orkodashvili LSHORKDASHV.
Probl Endokr (Moskva) 15:13-8, Jan-Feb 69 (Rus)
[Adrenal gland function in thyrotoxicosis] Povolotskaia GM, et al.
Probl Endokr (Moskva) 15:17-22, May-Jun 69 (Rus)
[Immunopathological changes in euthyroid goiter] Sidorov KA.
Probl Endokr (Moskva) 14:41-4, May-Jun 68 (Rus)
[Condition of the bone-joint system in male hypogonadism (clinico-roentgenological examination] Starkova NT, et al.
Probl Endokr (Moskva) 15:3-7, May-Jun 69 (Rus)
[Concerning testicular feminization] Starkova NT, et al. Probl Endokr (Moskva) 14:10-4, Nov-Dec 68 (Rus)
[A study of 17-ketosteroids in the urine of wethers castrated by various methods] Melikian AO, et al.
Veterinariia 44:84-6, Jul 67 (Rus)
[Function of adrenal cortex after cholecystectomy] Karaman NV. Vrach Delo 10:119-21, Oct 67 (Rus)
[Content of 17-ketosteroids in patients with various forms of diabetes mellitus] Krivoruchko IF, et al.
Vrach Delo 10:132-3, Oct 67 (Rus)
[The adrenal cortex and its hormones in chronic pulmonary heart disease in patients with pulmonary tuberculosis] Kulachkovskiĭ IuV.
Vrach Delo 10:68-70, Oct 67 (Rus)
[Significance of uropepsin test in hormonal and antibacterial therapy of patients with pulmonary tuberculosis] Nakhmanson SE.
Vrach Delo 1:123-4, Jan 67 (Rus)
[Syndrome of the polycystic ovary and the Vito Patrono test in its differential diagnosis. Therapeutic findings] Molina Navia L.
Ginec Obstet Mex 22:1521-6, Nov 67 (Spa)
[Testosterone in the urine of women] Drobnjak P.
Lijecn Vjesn 90:881-4, Sep 68 (Cro)

METHYLPREDNISOLONE

Renal allotransplantation in man. II. Transplantation in cystinosis, a metabolic disease. Lucas ZJ, et al.
Amer J Surg 118:158-68, Aug 69

ADMINISTRATION & DOSAGE

Evaluation of drug responses in the patient severely afflicted with rheumatoid arthritis. Slonim RR, et al.
J Florida Med Ass 56:336-41, May 69
[Chemotherapy of L1210 leukemia: comparison of 7 drugs given either continuously for 20 days, or in a single massive dose, early or late] Mathé G, et al.
Rev Franc Etud Clin Biol 13:951-60, Dec 68 (Fre)
[Report on long-term corticotherapy by delayed-action methylprednisolone in 100 gastric ulcer patients] Charpin J, et al.
Sem Hop Paris 45:2039-44, 20 Jun 69 (Fre)

ADVERSE EFFECTS

[Report on long-term corticotherapy by delayed-action methylprednisolone in 100 gastric ulcer patients] Charpin J, et al.
Sem Hop Paris 45:2039-44, 20 Jun 69 (Fre)

DIAGNOSTIC USE

[Comparative studies on the effect of different glucocorticoids in the corticoid glucose tolerance test] Fiegel G, et al.
Int Z Klin Pharmakol Ther Toxik 2:94-100, Jan 69 (Ger)

PHARMACODYNAMICS

Effects of corticosteroids on mouse hepatitis virus infection. Datta DV, et al. Gut 10:522-9, Jul 69
Once-a-day neurally stimulated and basal ACTH secretion phases in man and their response to corticoid inhibition. Ceresa F, et al.
J Clin Endocr 29:1074-82, Aug 69
Effect of steroid hormones on the parathyroid hormone

dose-response curve. Magargal LE, et al.
J Pharmacol Exp Ther 169:138-41, Sep 69
[Report on long-term corticotherapy by delayed-action methylprednisolone in 100 gastric ulcer patients] Charpin J, et al.
Sem Hop Paris 45:2039-44, 20 Jun 69 (Fre)
[Experimental study of the anesthetic and anti-edemata activity of the combination of a local anesthetic and a glucocorticosteroid] Giroud JP, et al.
Therapie 24:657-63, Jul-Aug 69 (Fre)
[Study on changes in hepatic tryptophan pyrrolase induced by various corticosteroids in rats] Nicolis FB, et al. Acta Vitamin (Milano) 23:19-26, 1969 (Ita)

THERAPEUTIC USE

Electrocardiographic findings in cardiac transplantation. Scheuer J, et al.
Circulation 40:289-96, Sep 69
Cardiac transplantation in man. II. Immunosuppressive therapy. Stinson EB, et al.
J Thorac Cardiovasc Surg 58:326-37, Sep 69
Pemphigus vegetans. Report of a case with a 6-year follow-up. Baer PN, et al. Oral Surg 28:282-6, Aug 69

MINERALOCORTICOIDS

ANALYSIS

[Addison disease and mineralotropic function evaluated in 10 patients by static and dynamic determinations of the urinary tetrahydroaldosterone] Schaison G, et al.
Rev Franc Endocr Clin 10:221-31, May-Jun 69 (Fre)

ANTAGONISTS & INHIBITORS

[Steroid spirolactones--antagonists of mineralocorticoids] Linèt O.
Cesk Farm 18:218-26, Jun 69 (184 ref.) (Cze)

METABOLISM

[Addison disease and mineralotropic function evaluated in 10 patients by static and dynamic determinations of the urinary tetrahydroaldosterone] Schaison G, et al.
Rev Franc Endocr Clin 10:221-31, May-Jun 69 (Fre)

PHYSIOLOGY

Effect of adrenocorticotropin on desoxycorticosterone, corticosterone and aldosterone excretion. Biglieri EG, et al.
J Clin Endocr 29:1090-101, Aug 69
[On the role of the gluco-and mineralcorticoids in regulating the volume of body fluids] Kolpakov MG, et al. Fiziol Zh SSSR Sechenov 55:231-5, Feb 69 (Rus)

SECRETION

[Role of the adrenal glands in lowering plasma renin associated with an increase in angiotensin] Menard J, et al.
C R Acad Sci [D] (Paris) 268:2710-3, 2 Jun 69 (Fre)
[Dyshormonism of the adrenal glands in gastroduodenal ulcer] Russu G, et al.
Rev Medicochir Iasi 73:53-9, Jan-Mar 69 (Rum)

THERAPEUTIC USE

[Cerebral edema and its treatment] Cohadon F, et al.
J Med Bordeaux 144:859-68, Jun 67 (Fre)

PARAMETHASONE

[Comparative studies on the effect of different glucocorticoids in the corticoid glucose tolerance test] Fiegel G, et al.
Int Z Klin Pharmakol Ther Toxik 2:94-100, Jan 69 (Ger)

ADMINISTRATION & DOSAGE

The effects of short-term corticosteroid therapy on the symptoms of infectious mononucleosis pharyngotonsillitis: a double-blind study. Klein EM, et al. J Amer Coll Health Ass 17:446-52, Jun 69
[A new topical drug in the dermatology practice] Lehmann F. Hippokrates 39:425-9, 15 Jun 68 (Ger)

PHARMACODYNAMICS

[Mode of action of intramuscularly administered depot-steroids studied using the example of paramethasone acetate] Rausch-Stroomann JG, et al.
Arzneimittelforschung 19:767-9, May 69 (Ger)

THERAPEUTIC USE

Adrenal-pituitary relationships with prolonged low dosage steroid therapy in rheumatoid arthritis. Zuckner J, et al.
Missouri Med 66:649-53 passim, Aug 69
[Mode of action of intramuscularly administered depot-steroids studied using the example of paramethasone acetate] Rausch-Stroomann JG, et al.
Arzneimittelforschung 19:767-9, May 69 (Ger)

PREDNISOLONE

[On the dispersion of suspended solid materials by ultrasound] Süss W, et al.
Pharmazie 24:211-20, Apr 69 (Ger)
[Results of the treatment of experimental arthritis using a neodymium compound] Gáspárdy G, et al.
Z Rheumaforsch 28:231-40, May-Jun 69 (Ger)

ADMINISTRATION & DOSAGE

Sarcoid of e external ear. Cavallaro AG.
Arch Otolaryng (Chicago) 90:293-5, Sep 69
A comparative study of therapeutic regimens with and without corticosteroids in the treatment of tuberculous pleural effusion. Grewal KS, et al.
J Indian Med Ass 52:514-6, 1 Jun 69
The absorption of prednisolone B.P. as 5 mg and 25 mg tablets. Isbister JP, et al.
Med J Aust 1:1135-6, 31 May 69
[On the use of daunomycin in association with other drugs in the therapy of infantile acute leukemia] La Grutta A, et al. Haematologica 54:197-216, 1969 (Ita)
[Successfully treated case of cryptococcus meningitis with the combination therapy of amphotericin B and adrenal cortex hormones] Ito E, et al.
Saishin Igaku 24:904-8, Apr 69 (Jap)
[Change in the function of adrenal glands during splenectomy in patients with hemorrhagic diathesis at different methods of use of steroid hormones] Kukina MN. Probl Gemat 12:42-6, Jun 67 (Rus)
[Combined treatment of acute leukemia] Lorie IuI, et al. Probl Gemat 12:76-80, Oct 67 (Rus)
[Intensive treatment of severe congestive cardiac insufficiency] Pijoán de Beristáin C, et al.
Rev Esp Cardiol 22:105-16, Jan 69 (Spa)

ADVERSE EFFECTS

Intermittent positive-pressure ventilation in chicken-pox pneumonitis. Harper JR, et al.
Brit Med J 3:637-8, 13 Sep 69
[Peliosis hepatis. Recent contributions on the rôle of hormonal factors] Bartók I, et al.
Zbl Allg Path 112:171-8, 1969 (Ger)
[C.P.C. No. 150. Chief complaints: anemia, shortness of breath and right upper abdominal pain] Iio M.
Naika 23:912-4 passim, May 69 (Jap)
[Peculiar allergic reaction in prednisolone treatment] Ivkov VG, et al. Vrach Delo 5:140-1, May 67 (Rus)

BLOOD

[Effect of glucocorticoid on the adipose tissue in guinea pigs] Adachi S.
Folia Endocr Jap 45:326-34, 20 Jun 69 (Jap)

DIAGNOSTIC USE

[Comparative studies on the effect of different glucocorticoids in the corticoid glucose tolerance test] Fiegel G, et al.
Int Z Klin Pharmakol Ther Toxik 2:94-100, Jan 69 (Ger)
[Pathogenetic principle of the provocation test in urinary tract infections] Breunung M.
Paediat Grenzgeb 7:271-81, 1968 (Ger)
[Assessment of the functional state of the adrenal cortex in liver diseases] Khazanov MKh.
Probl Endokr (Moskva) 13:37-41, May-Jun 67 (Rus)
[Prediabetes and pregnancy. A study on 474 cases]

Botella Llusia J.
Ginec Obstet Mex 22:1479-92, Nov 67 (Spa)

METABOLISM

The absorption of prednisolone B.P. as 5 mg and 25 mg tablets. Isbister JP, et al.
Med J Aust 1:1135-6, 31 May 69
[Bacterial metabolism and corticosteroids] Raab W, et al. Arch Klin Exp Derm 233:363-75, 1969 (Ger)
[Observations on the urinary elimination of N-methylnicotinamide after administration of prednisolone to newborn infants] Luvarà A, et al. Acta Vitamin (Milano) 23:81-5, 1969 (Ita)

PHARMACODYNAMICS

Synergistic and inhibitory activity of various hormones on the exophthalmo producing factor in sera of patients suffering from endocrine exophthalmos. Schemmel K, et al.
Acta Endocr (Kobenhavn) 61:407-14, Jul 69
Effects of prednisoloe on esterases in heteroploid cells on human origin. Melnykovych G, et al.
Biochim Biophys Acta 184:672-4, 2 Sep 69
Sites of red cell destruction in the anaemia of experimental burns. Bhargava M, et al.
Brit J Haemat 17:179-85, Aug 69
Conditions related to the influence of prednisolone on the mantoux reaction in children. Tsacalidis D, et al.
Helv Paediat Acta 24:323-8, Jun 69
Hormonal influences on mediators of allergic reactions. Telford JM. Int Arch Allerg 36:29-30, 1969
Lymphocytes, anti-tumour agents, and target cells. Kadaghidze ZG, et al. Lancet 2:698, 27 Sep 69
[Bacterial metabolism and corticosteroids] Raab W, et al. Arch Klin Exp Derm 233:363-75, 1969 (Ger)
[Survival time and site of disintegration of human thrombocytes in thrombopenias] Gehrmann G, et al. Haemat Bluttransfus 6:144-52, 1969 (Ger)
[On the influence of drug and x-ray therapy on the formation of haemagglutination-inhibiting antibodies to influenza virus A PR 8] Neidhardt M. Z Ges Exp Med 150:161-9, 1969 (Ger)
[Observations on the urinary elimination of N-methylnicotinamide after administration of prednisolone to newborn infants] Luvarà A, et al. Acta Vitamin (Milano) 23:81-5, 1969 (Ita)
[Study on changes in hepatic tryptophan pyrrolase induced by various corticosteroids in rats] Nicolis FB, et al. Acta Vitamin (Milano) 23:19-26, 1969 (Ita)
[Action of ACTH, hydrocortisone and prednisolone on human erythrocytic angiotensinase in vitro] Ripa R, et al. Boll Soc Ital Biol Sper 44:1285-9, 31 Aug 68 (Ita)
[Hepatic changes during nephropathy induced by homologous renal antigen in rats. Effect of corticosteroids and anabolizing steroids] Spirito L, et al. Pathologica 60:71-81, Mar-Apr 68 (Ita)
[Studies on the etiology of strawberry gallbladder--experimental production and chemical analysis of the bile components] Nabeyama K. Acta Med (Fukuoka) 38:717-34, Dec 68 (Jap)
[Effect of glucocorticoid on the adipose tissue in guinea pigs] Adachi S.
Folia Endocr Jap 45:326-34, 20 Jun 69 (Jap)
[Influence of various drugs on tissue permeability] Yamagami I, et al.
Folia Pharmacol Jap 65:61-72, 20 Mar 69 (Jap)
[Steroid actions and feed back potency, with special reference to dissociation of glucocorticoid action] Kumagai A, et al. Saishin Igaku 24:982-6, May 69 (Jap)
[On the hypotensive effect of prednisolone and dexamethasone] Podkolzin AA, et al.
Farmakol Toksik 32:293-6, May-Jun 69 (Rus)
[Biosynthesis of ACTH and somatotropin in rat hypophyses following prednisolone block, immobilization and starvation] Bezdrobnyĭ IuV.
Probl Endokr (Moskva) 15:74-7, Mar-Apr 69 (Rus)
[The effects of ACTH and glucocorticoids on evacuatory function of the stomach in dogs] Genes SG, et al.
Probl Endokr (Moskva) 14:103-6, Jul-Aug 68 (Rus)
[Trascortin content in the lasmaof rats after administration of corticosteroids] Komissarenko VP, et al. Probl Endokr (Moskva) 15:54-8, Jan-Feb 69 (Rus)
[The effect of glucocorticoids on the erythrocyte and plasma sodium and potassium content in rabbits] Mikhalevich LS.
Probl Endokr (Moskva) 14:83-5, May-Jun 68 (Rus)

THERAPEUTIC USE

Immunological aspects of pemphigus and its treatment with antipolio vaccande (Sabin) in steroids. Földvári F, et al.
Acta Dermatovener (Stockholm) 48:630-2, 1968
Relapsing polychondritis. Report of a case presenting multiple ocular complications. Bergaust B, et al.
Acta Ophthal (Kobenhavn) 47:174-81, 1969
Experimental study on atherosclerosis--an attempt at its prevention and treatment. Shimamoto T.
Acta Path Jap 19:15-43, Feb 69
Eosinophilic granuloma (histiocytosis X) involving anterior chest wall and lung. Konno K, et al.
Amer Rev Resp Dis 100:391-7, Sep 69
Selectivity of proteinuria in childhood nephrotic syndrome. Lines DR. Arch Dis Child 44:461-4, Aug 69
A case of idiopathic thrombocytopenic purpura requiring splenectomy and trial of labour. Howqua J, et al. Aust New Zeal J Obstet Gynaec 9:122-4, May 69
In-vitro prediction of clinical response to chemotherapy in childhood acute leukaemia. I. Combination of daunorubicin, vincristine and prednisolone. Laurie HC, et al.
Brit J Haemat 17:251-6, Sep 69
The treatment of hepatitis. Sherlock S.
Bull NY Acad Med 45:189-209, Feb 69
Acute febrile neutrophilic dermatosis. Sweet's syndrome. Crow KD, et al.
Dermatologica (Basel) 139:123-34, 1969
The treatment of acute leukaemia with cytosine arabinoside: biochemical and clinical findings. Wilmanns W, et al.
German Med Monthly 14:317-24 passim, Jul 69
Polymyositis. Raghunathan VS, et al.
J Indian Med Ass 52:336-8, 1 Apr 69
Leucocyte-antigen matching in donor selection for heart transplantation. Botha MC.
Lancet 2:508-12, 6 Sep 69
Periwinkle alkaloids and the platelet-count. Robertson JH, et al. Lancet 2:353-5, 16 Aug 69
Lung haemorrhage and nephritis (Goodpasture's syndrome). Heale WF, et al.
Med J Aust 2:355-7, 16 Aug 69
Cerebral metastases from carcinoma of the lung. Spiers AS. Med J Aust 2:178-83, 26 Jul 69
Ascending cord lesion in the early stages following spinal injury. Frankel HL. Paraplegia 7:111-8, Aug 69
Immunosuppression and its complications. Woodruff M. Proc Roy Soc Med 62:411-6, Apr 69 (77 ref.)
Indomethacin in the treatment of erythema nodosum leprosum, in comparison with prednisolone. Ing TH.
Singapore Med J 10:66-70, Mar 69
Electron microscopy of desquamative interstitial pneumonia. Shortland JR, et al.
Thorax 24:192-208, Mar 69
Ultrastructural changes in the mucosa of canine gastric allografts. Thompson JC, et al.
Virchow Arch [Zellpath] 3:137-55, 1969
[Burkitt's lymphoma and acute leukemias] Ravina A.
Presse Med 77:245-6, 8 Feb 69 (Fre)
[Report on long-term corticotherapy by delayed-action methylprednisolone in 100 gastric ulcer patients] Charpin J, et al.
Sem Hop Paris 45:2039-44, 20 Jun 69 (Fre)
[Collagen diseases. On clinical aspects and theapy of disseminated lupus erythematosus, progressive scleroderma and dermatomyositis] Günther R, et al.
Hippokrates 40:626-34, 31 Aug 69 (Ger)
[Therapy of hepatic coma] Liehr H, et al.
Med Welt 20:1181-3, 17 May 69 (Ger)
[Experience with a combination of phenylbutazone, isopyrin and prednisolone in the treatment of rheumatoid arthritis] Rau R.
Med Welt 36:1976-81, 6 Sep 69 (Ger)
[Peliosis hepatis. Recent contributions on the rôle of hormonal factors] Bartók I, et al.
Zbl Allg Path 112:171-8, 1969 (Ger)
[Aldosterone in traumatic shock] Recchioni F, et al.
Acta Chir Ital 23:731-40, Nov-Dec 67 (Ita)
[Considerations on the therapeutic effectiveness of Sintisone in endodontics] Fornari S, et al.
Ann Stomat (Roma) 18:645-52, Jul 69 (Ita)
[Long-term observation on a case of pure erythrocyte aplasia, with special reference to corticosteroid therapy] Imanaka T, et al.
Jap J Clin Med 27:1705-15, Jun 69 (Jap)
[Case suspected to be thrombotic thrombocytopenic purpura] Suzuki C, et al.
Jap J Clin Med 27:1295-300, Apr 69 (Jap)

[Eosinophilic granuloma occurring in the anterior chest wall and the lung: histiocytosis X] Hayashi I, et al. **Naika 23:967-71, May 69 (Jap)**
[Use of prednisolone in the experimental treatment of chemical burns of the esophagus] Iudenich VV. **Eksp Khir Anest 13:32-4, Jul-Aug 68 (Rus)**
[Treatment of trophic ulcers of the lower extremities with prednisolone and vitamin A] Liakhovich VM. **Klin Khir (Kiev) 7:66, Jul 67 (Rus)**
[Effect of glucocorticoids on morphological composition of peripheral blood in patients with burn exhaustion (2)] Dolgina MI, et al. **Lab Delo 5:277-9, 1968 (Rus)**
[Pregnancy and labor in congenital adrenogenital syndrome] Golubeva IV, et al. **Probl Endokr (Moskva) 14:24-7, May-Jun 68 (Rus)**
[Peculiarities of the treatment of Addison's disease associated with tuberculous spondylitis] Pridatkevich AV. **Probl Endokr (Moskva) 15:65-7, May-Jun 69 (Rus)**
[Modern aspects of corticosteroid therapy of chronic lympholeukemia] Fainshtein FE, et al. **Probl Gemat 12:69-75, Oct 67 (Rus)**
[Pyrogenal treatment of patients with infectious nonspecific polyarthritis] Zubov AP. **Sovet Med 31:55-8, Aug 68 (Rus)**
[On the problem of the brain pseudotumor syndrome as a complication during corticosteroid therapy] Vishnevskaia ES. **Vestn Oftal 81:72-3, Jul-Aug 68 (Rus)**
[Case of Tietze's syndrome] Fesenko IP. **Vrach Delo 1:145-6, Jan 67 (Rus)**
[Leptotrichosis sepsis] Lev NA, et al. **Vrach Delo 6:145-7, Jun 69 (Rus)**
[On the clinical aspects of sarcoidosis] Shub NI. **Vrach Delo 12:32-4, Dec 67 (Rus)**
[Use of steroid hormones in severe hemorrhagic syndrome in the patient with leukemia and diabetes] Takhchi KG, et al. **Vrach Delo 10:128-30, Oct 67 (Rus)**
[Changes in the content of 17-oxycorticosteroids in blood plasma in patients with bronchial thma] Zubtsovskaia NN. **Vrach Delo 1:58-61, Jan 67 (Rus)**
[Corticosteroids in the treatment of chronic asthma] **Rev Clin Esp 107:374-5, 15 Dec 67 (Spa)**

URINE

[Study on the Porter-Silber reaction--chromogenicity in various concentration of sulfuric acid] Kyo Y, et al. **Jap J Clin Path 17:403-7, May 69 (Jap)**

PREDNISOLONE, TOPICAL

ANALYSIS

[Colorimetric determination of prednisolone in ointment: oxytetracycline hydrochloride--oleandomycin phosphate--prednisolone] Grochulski A. **Acta Pol Pharm 26:273-4, 1969 (Pol)**

THERAPEUTIC USE

[Etiology and therapy of internal hemorrhoids and perianal hematomas] Dietrich KF. **Munchen Med Wschr 111:1737-42, 29 Aug 69 (Ger)**
[Use of corticosteroids in the pulp and apical region] Escobar M. **Divulg Cult Odont 125:35-7, Mar-Apr 69 (Spa)**

PREDNISONE

[On the dispersion of suspended solid materials by ultrasound] Süss W, et al. **Pharmazie 24:211-20, Apr 69 (Ger)**

ADMINISTRATION & DOSAGE

Pre-senile dementia responding to steroid therapy. Chynoweth R, et al. **Brit J Psychiat 115:703-8, Jun 69**
Muscular dystrophies and their management. Walton JN. **Brit Med J 3:639-42, 13 Sep 69**
Evaluation of metopiron and ACTH tests in prolonged corticosteroid treatment of chronic asthma. Lass N, et al. **Int Arch Allerg 36:180-5, 1969**
Studies on the mechanism of action of salicylates. VI. Effect of topical application of retinoic acid on wound-healing retardation action of salicylic acid. Lee KH, et al. **J Pharm Sci 58:773-4, Jun 69**
[Effect of steroid therapy on the course of systemic lupus erythematosus] Wierzchowiecki M, et al. **Clin Ter 45:3-13, 15 Apr 68 (Fre)**
[A case of orthotopic transplantation of the liver. II] Garnier H, et al. **Presse Med 77:1185-8, 12 Jul 69 (Fre)**
[Prescription of corticotherapy on alternate days for long periods] Akoun G, et al. **Sem Hop Paris 44:3141-9, 8 Dec 68 (Fre)**
[The treatment of acute glomerulonephritis and nephrotic syndrome in childhood] Brodehl J. **Deutsch Med J 20:441-7, Jul 69 (77 ref.) (Ger)**
[Report of experience with homologous liver transplantation] Gütgemann A, et al. **Deutsch Med Wschr 94:1713-7, 29 Aug 69 (Ger)**

ADVERSE EFFECTS

Fatal strongyloidiasis following corticosteroid therapy. Civantos F, et al. **Amer J Dig Dis 14:643-51, Sep 69**
Long-term results of steroid therapy in adults with idiopathic nephrotic syndrome. Miller RB, et al. **Amer J Med 46:919-29, Jun 69**
Listeria monocytogenes encephalitis associated with corticosteroid therapy. Johnson ML, et al. **J Clin Path 22:465-9, Jul 69**
[The effect of sterols and steroids on the body calcium fractions] Harnapp GO. **Z Aerztl Fortbild (Jena) 63:612-21, 1 Jun 69 (Ger)**

ANALYSIS

[Quantitative determination of prednisone in the presence of cortisone in culture fluid] Gotovtseva VA, et al. **Lab Delo 2:101-2, 1969 (Rus)**

DIAGNOSTIC USE

Prednisone-glucose tolerance and serum lipids in survivors of myocardial infarction. Jakobson T, et al. **Acta Med Scand 184:451-7, Nov 68**
Normocalcemic primary hyperparathyroidism. Wills MR, et al. **Amer J Med 47:384-91, Sep 69**
[Prolonged thrombocytosis and hyperleukocytosis in a case of ileal Crohn's disease with spondylitis of the pelvis] Laperrouza C, et al. **Schweiz Med Wschr 99:1060-2, 19 Jul 69 (Fre)**
[The importance of the prednisone-glucose-test and the intravenous tolbutamide test in the detection of diabetes in the puerperium] Löffler F, et al. **Deutsch Gesundh 23:1998-2001, 17 Oct 68 (Ger)**
[Comparative studies on the effect of different glucocorticoids in the corticoid glucose tolerance test] Fiegel G, et al. **Int Z Klin Pharmakol Ther Toxik 2:94-100, Jan 69 (Ger)**
[The diagnostic problem of chronic silent amebiasis with the prednisone test] Sperzani GL, et al. **Arch Ital Sci Med Trop 48:295-8, Nov-Dec 67 (Ita)**

PHARMACODYNAMICS

Corticosteroids and vascular connective tissue. II. Effects of prednisone on vascular injury induced by noradrenaline. Biochemical and morphological studies. Lorenzen I. **Acta Endocr (Kobenhavn) 62:67-76, Sep 69**
Studies on the mechanism of action of salicylates. VI. Effect of topical application of retinoic acid on wound-healing retardation action of salicylic acid. Lee KH, et al. **J Pharm Sci 58:773-4, Jun 69**
Prednisone effect on serum hydroxyproline fractions. Kibrick AC, et al. **Proc Soc Exp Biol Med 131:1424-6, Sep 69**
[Effect of glucocorticoid administration on the protein synthesis in people with normal livers] Richter E, et al. **Deutsch Med Wschr 94:1615-7, 8 Aug 69 (Ger)**
[Synthetic compounds with digitalis-like effects] Kroneberg G. **Naunyn Schmiedeberg Arch Pharm 263:46-59, 1969 (Ger)**
[The effect of sterols and steroids on the body calcium fractions] Harnapp GO. **Z Aerztl Fortbild (Jena) 63:612-21, 1 Jun 69 (Ger)**
[Experimental studies on the effect of aristolochia acid in immunosuppressive therapy] Siering H, et al. **Z Ges Inn Med 24:155-6, 15 May 69 (Ger)**
[Study on changes in hepatic tryptophan pyrrolase induced by various corticosteroids in rats] Nicolis FB, et al. **Acta Vitamin (Milano) 23:19-26, 1969 (Ita)**

THERAPEUTIC USE

Thrombotic thrombocytopenic purpura. Report of a case treated with splenectomy and steroids. Scharoff JR, et al. Acta Haemat (Basel) 41:180-5, 1969

Renal vascular involvement in a case of polymyalgia rheumatica with temporal arteritis. A study of successive biopsies. Tallgren LG, et al. Acta Med Scand 185:421-5, May 69

Rejection of the cardiac transplant. Lower RR, et al. Amer J Cardiol 24:492-9, Oct 69

Wegener's granulomatosis in a child. Observations on pathogenesis and treatment. Roback SA, et al. Amer J Dis Child 118:608-14, Oct 69

Immunosuppressive therapy of proliferative glomerulonephritis in children. Urizar RE, et al. Amer J Dis Child 118:411-25, Sep 69

Histiocytic medullary reticulosis presenting with a leukemic blood picture. Clark BS, et al. Amer J Med 47:314-7, Aug 69

Long-term results of steroid therapy in adults with idiopathic nephrotic syndrome. Miller RB, et al. Amer J Med 46:919-29, Jun 69

Allergic bronchopulmonary aspergillosis--a North American Rarity. Clinical and immunologic characteristics. Slavin RG, et al. Amer J Med 47:306-13, Aug 69

Coombs' positive hemolytic anemia in myelofibrosis with myeloid metaplasia. Khumbanonda M, et al. Amer J Med Sci 258:89-93, Aug 69

Chiasmatic arachnoiditis. A case report and review. Coyle JT. Amer J Ophthal 68:345-9, Aug 69

Sympathetic ophthalmitis. Report of a case, proven pathologically, eight years after original injury. Morse PH, et al. Amer J Ophthal 68:508-12, Sep 69

Psychiatric complications of heart transplants. Lunde DT. Amer J Psychiat 126:369-73, Sep 69

Preservation of alveolar cell metabolism by successful immune suppression after canine lung transplantation. Thomas PA. Ann Thorac Surg 8:219-28, Sep 69

Persistent proteinuria in children. Tsao YC, et al. Arch Dis Child 44:443-53, Aug 69

Sarcoidosis and the acoustic nerve. Tharp BR, et al. Arch Otolaryng (Chicago) 90:360-6, Sep 69

Hepatic sepsis after liver transplantation in dogs and pigs. MacSween RN. Arch Path (Chicago) 88:166-70, Aug 69

Recurrent and chronic relapsing Guillain-Barré polyneuritis. Thomas PK, et al. Brain 92:589-606, 1969

Inhibitor of factor 8 in mild haemophilia. Beck P, et al. Brit J Haemat 17:283-8, Sep 69

The treatment of acute leukaemia with cytosine arabinoside: biochemical and clinical findings. Wilmanns W, et al. German Med Monthly 14:317-24 passim, Jul 69

A controlled study of disodium cromoglycate in the treatment of bronchial asthma. Lopez M, et al. J Allerg 44:118-21, Aug 69

Polymyositis presenting as distal muscle weakness. A case report. Hollinrake K. J Neurol Sci 8:479-84, May-Jun 69

Low urinary oestriol excretion in pregnancy associated with oral prednisone therapy. Morrison J, et al. J Obstet Gynaec Brit Comm 76:719-20, Aug 69

Leucocyte-antigen matching in donor selection for heart transplantation. Botha MC. Lancet 2:508-12, 6 Sep 69

Diagnostic aspects of lupus erythematosus cells and antinuclear factors in disease states. Barnett EV. Mayo Clin Proc 44:645-8, Sep 69

General considerations in the treatment of systemic lupus erythematosus. Rothfield NF. Mayo Clin Proc 44:691-6, Sep 69

The eosinophilic pneumonias. Liebow AA, et al. Medicine (Balt) 48:251-85, Jul 69 (67 ref.)

Pregnancy in active chronic hepatitis on immunosuppresse therapy. Powell D. Postgrad Med J 45:292-4, Apr 69

Management of pemphigus vulgaris during pregnancy. Wells GC, et al. Proc Roy Soc Med 62:666-7, 7 Jul 69

Experimental and clinical use of antilymphocytic serum in kidney transplantation. Zühlke V, et al. Sborn Ved Prac Lek Fak Karlov Univ Suppl:469-76, 1968

Ring-shaped nuclei of granulocytes in a patient with acute erythroleukaemia. Stavem P, et al. Scand J Haemat 6:31-2, 1969

Bites by Loxosceles spiders in Israel. Efrati P. Toxicon 6:239-41, May 69

Fibrinuria during renal transplantation. Antoine B, et al. Transplantation 8:98-109, Aug 69

[Chronic idiopathic dysproteinemia as an early symptom of temporal arteritis] Petera V. Cas Lek Cesk 108:1195-7, 26 Sep 69 (Cze)

[Therapeutic complications in a case of adrenogenital syndrome with electrolyte imbalance] Spičáková V, et al. Cas Lek Cesk 106:689-93, 23 Jun 67 (Cze)

[Combination of Löfgren's and Mikulicz' syndromes] Mach J. Vnitrni Lek 15:807-10, Aug 69 (Cze)

[Status asthmaticus in childhood] Kerrebijn KF. Nederl T Geneesk 113:1286-7, 19 Jul 69 (Dut)

[Status asthmaticus in childhood] Muller J. Nederl T Geneesk 113:1287, 19 Jul 69 (Dut)

[Clinical aspects of insulin resistance] Schweitzer PM. Nederl T Geneesk 113:1433-7, 16 Aug 69 (Dut)

[A pregnant woman with hemolytic anemia] Groot AW de. Nederl T Verlosk 69:283-6, Aug 69 (Dut)

[Transitory leucoblastosis in trisomy 21. (Apropos of a case)] Germain D, et al. Ann Pediat (Paris) 14:504-10, Jun-Jul 67 (Fre)

[Acute erythroblastopenia (Owren-Gasser syndrome) and acute hemolytic anemia during viral hepatitis. Terminal malignant chickenpox] Pereiman R, et al. Ann Pediat (Paris) 16:450-6, Jun-Jul 69 (Fre)

[Effect of steroid therapy on the course of systemic lupus erythematosus] Wierzchowiecki M, et al. Clin Ter 45:3-13, 15 Apr 68 (Fre)

[Burkitt's lymphoma and acute leukemias] Ravina A. Presse Med 77:245-6, 8 Feb 69 (Fre)

[The conservative treatment of chronic inflammatory rheumatism] Schmied P, et al. Schweiz Med Wschr 99:933-41, 28 Jun 69 (49 ref.) (Fre)

[Lymphocyte transformation test in chronic lymphocytic leukemia with reference to the absolute lymphocyte count in the blood] Heine KM, et al. Acta Haemat (Basel) 41:144-53, 1969 (Ger)

[Clinical course of salaam convulsions in enzygotic twins] Munde B. Arch Kinderheilk 179:66-72, May 69 (Ger)

[The acute leukemia in adults, therapy and prognosis] Libánský J, et al. Folia Haemat (Leipzig) 91:203-16, 1969 (Ger)

[Collagen diseases] Klemm D. Med Klin 64:1065-8, 6 Jun 69 (33 ref.) (Ger)

[Pancytopenia following viral hepatitis] Siegmund H. Med Klin 64:1073-5, 6 Jun 69 (Ger)

[Therapeutic possibilities in chronic glomerulonephritis] Brass H. Munchen Med Wschr 111:1759-66, 29 Aug 69 (Ger)

[Guidelines in the therapy of various neoplastic diseases with cytostatic drugs] Bollag W. Praxis 58:703-7, 3 Jun 69 (Ger)

[Therapy of malignant tumors in childhood] Staid G, et al. Praxis 58:714-6, 3 Jun 69 (Ger)

[Results of therapy of respiratory allergies with microbial antigen complex] Dobiášová L, et al. Sborn Ved Prac Lek Fak Karlov Univ 11:647-54, 1968 (Ger)

[Clinical aspects of catarrhal peripheral facial paralysis] Jaster H. Z Aerztl Fortbild (Jena) 63:497-9, 1 May 69 (Ger)

[Panmyelopathy in disseminated tuberculosis] Beickert A, et al. Z Ges Inn Med 24:262-9, 1 May 69 (Ger)

[Results of therapy of active chronic hepatopathies with 6-mercaptopurine] Schneider G, et al. Z Ges Inn Med 24:Suppl:124-6, 15 Apr 69 (Ger)

[The influence of glucocorticoides on the growth and the chemotherapeutic response of autochthonous sarcomas in mice] Brune H, et al. Z Krebsforsch 72:213-8, 1969 (Ger)

[Current therapeutic possibilities in idiopathic myelofibrosis. Observations on 47 cases] Perugini S, et al. Clin Ter 45:21-60, 15 Apr 68 (102 ref.) (Ita)

[On a case of congenital adrenal hyperplasia with hypertension] Ronconi G. Fracastoro 60:661-6, Nov-Dec 67 (Ita)

[Leucine aminopeptidase and cystinyl aminopeptidase activity of serum during the course of viral hepatitis, with reference to the effect of cortico therapy] Drożdż H. Folia Med Cracov 11:103-23, 1969 (Pol)

[Behavior of hemopoietic system during immunosuppressive treatment in kidney diseases in children] Halikowski B, et al. Pediat Pol 44:657-66, Jun 69 (Pol)

[2 cases of postinfarction syndrome] Kędrowa S. Pol Tyg Lek 24:897-8, 9 Jun 69 (Pol)

[Present status and perspectives in the development of

the treatment of acute leukemias] Kirchmayer S. Pol Tyg Lek 24:1069-71, Jul 69 (17 ref.) (Pol)
[Modern aspects of corticosteroid therapy of chronic lympholeukemia] Fainshtein FE, et al. Probl Gemat 12:69-75, Oct 67 (Rus)
[Hereditary congenital lymphedema (Milroy-Nonne's disease)] Horanský V. Cesk Pediat 24:626-7, Jul 69 (Slo)

URINE

[Study on the Porter-Silber reaction--chromogenicity in various concentration of sulfuric acid] Kyo Y, et al. Jap J Clin Path 17:403-7, May 69 (Jap)

PREGNANETRIOL

BLOOD

Metabolism of cortisol by human leukemic cells. Jenkins JS, et al. J Clin Endocr 29:1217-21, Sep 69

ISOLATION & PURIFICATION

Further studies of cortisol production rate. Fukushima DK, et al. J Clin Endocr 29:1042-5, Aug 69

METABOLISM

Steroids in .germfree and conventional rats. 21-dehydroxylation by intestinal microorganisms. Eriksson H, et al. Europ J Biochem 9:550-4, Jul 69

URINE

Urinary steroid profile during the puerperium. Acevedo HF, et al. Amer J Obstet Gynec 105:297-303, 1 Oct 69
A clinical and metabolic study of masculinizing arrhenoblastoma. Sato T, et al. Amer J Obstet Gynec 104:1124-30, 15 Aug 69
A case of adrenocortical cancer treated with O,P'-DDD. Sakauchi N, et al. Endocr Jap 16:287-90, Apr 69
Further studies of cortisol production rate. Fukushima DK, et al. J Clin Endocr 29:1042-5, Aug 69
Steroidogenesis in a case of hydatidiform mole. Coutts JR, et al. J Endocr 44:335-48, Jul 69
Androgen metabolism in congenital adrenal hyperplasia due to 11 beta-hydroxylase deficiency. Frasier SD, et al. Pediatrics 44:201-8, Aug 69
[Study on gynecomastia and its possible association with malignant tumors. Gynecomastia] Abe O. Jap J Cancer Clin 15:317-22, Mar 69 (Jap)
[Diagnosis and therapeutic results in cases of hirsutism in women] Szamatowicz M. Ginek Pol 40:659-67, Jun 69 (Pol)
[On the method of determination of pregnanetriol] Pripva VG. Lab Delo 6:351-3, 1969 (Rus)

TRIAMCINOLONE

ADVERSE EFFECTS

Iatrogenic dermatitis. Sneddon I. Brit Med J 2:49, 4 Oct 69
[Pemphigus vulgaris. Post-corticoid bone, muscular and metabolic complications] Grupper C, et al. Bull Soc Franc Derm Syph 76:82-4, 1969 (Fre)
[On the problem of the brain pseudotumor syndrome as a complication during corticosteroid therapy] Vishnevskaia ES. Vestn Oftal 81:72-3, Jul-Aug 68 (Rus)

DIAGNOSTIC USE

[Comparative studies on the effect of different glucocorticoids in the corticoid glucose tolerance test] Fiegel G, et al. Int Z Klin Pharmakol Ther Toxik 2:94-100, Jan 69 (Ger)

METABOLISM

[Synthetic compounds with digitalis-like effects] Kroneberg G. Naunyn Schmiedeberg Arch Pharm 263:46-59, 1969 (Ger)

PHARMACODYNAMICS

The relative effects of cortisone and triamcinolone (9alpha-fluoro-16alpha-hydroxyprednisolone) on the urinary excretion of trsin inhibitor in man. Faarvang HJ, et al. Acta Endocr (Kobenhavn) 61:477-82, Jul 69
Subfractionation and polyacrylamide gel analysis of liver ribonucleic acid from normal and glucocorticoid-treated rats. MacGregor RR, et al. Biochemistry (Wash) 8:3036-49, Jul 69
Glyceroneogenesis in adipose tissue of fasted, diabetic and triamcinolone treated rats. Gorin E, et al. Europ J Biochem 8:370-5, Apr 69
Hormonal influences on mediators of allergic reactions. Telford JM. Int Arch Allerg 36:29-30, 1969
Mode of action of adrenal cortical hormones. II. Inhibition of protein synthesis in the microsome-pH5 fraction system of thymus cells following the administration of triamcinolone. Uete T. J Biochem (Tokyo) 65:513-21, Apr 69

THERAPEUTIC USE

Primary cutaneous amyloidosis. Cortés A. Dermatologica (Basel) 139:109-14, 1969
[Effect on glycemic equilibrium of massive corticotherapy used in the treatment of septic collapse in metabolic resuscitation] Mirouze J, et al. Sem Hop Paris 45:1673-7, 20 May 69 (Fre)
[Tetraplegia caused by hypokalemia] Semmler H, et al. Z Ges Inn Med 24:283-6, 1 May 69 (Ger)
[Psoriasis, diabetes and sulfanylureas] Binazzi M, et al. G Ital Derm 109:319-30, Sep-Oct 68 (Ita)

TRIAMCINOLONE ACETONIDE

ADMINISTRATION & DOSAGE

Postoperative keloids--treat or ignore? Wrong NM. Canad Med Ass J 101:226-8, 23 Aug 69
Granuloma pyogenicum. Response of a case to intralesional triamcinolone acetonide. Kandil E, et al. Dermatologica (Basel) 138:477-9, 1969

PHARMACODYNAMICS

Dependence of pancreatic integrity on adrenal and ovarian secretions. Grossman A, et al. Endocrinology 85:956-9, Nov 69
Corticosteroids and adrenal function. JAMA 209:1713, 15 Sep 69

THERAPEUTIC USE

Long-lasting lozenges with triamcinolone acetonide. Treatment of erosive lichen planus of oral mucosa. Zegarelli EV, et al. New York J Med 69:2463-4, 15 Sep 69
[Contribution to the treatment of temporo-mandibular arthropaties by means of endo-articular and peri-articular infiltration with Kenacort A] Modica R, et al. Ann Stomat (Roma) 18:457-82, May 69 (Ita)
[Clinical experience using hexacetonide triamcinolone in the local treatment of rheumatism] Fernández del Vallado P, et al. Rev Clin Esp 110:137-40, 31 Jul 68 (Spa)

IV. Related Topics

AMINOGLUTETHIMIDE

PHARMACODYNAMICS

The effect of steroid hydroxylase inhibitors on the rate of reduction of adrenal mitochondrial cytochrome P-450. McIntosh EN, et al.
Biochem Biophys Res Commun 36:552-8, 15 Aug 69

Persistence of the steroidogenic effect of adenosin-3',5'-monophosphate in vitro: evidence for a third factor during the steroidogenic effect of ACTH. Farese RV, et al. **Endocrinology 85:867-74, Nov 69**

Effect of aminogluthethymide on urinary excretion of corticotropin and adrenal hormones. Hartwig W, et al.
Pol Med J 8:529-39, 1969

3',5'-cyclic AMP and the adrenal desmolase system. Cohen MP, et al.
Proc Soc Exp Biol Med 131:1267-70, Sep 69

[Changes in thyroid function after administration of aminoglutethimide] Balli F, et al.
Clin Pediat (Bologna) 50:866-72, Dec 68 (Ita)

Effect of glutethimide and aminoglutethimide on the pituitary-adrenal system. Schofield S, et al.
Proc West Pharmacol Soc 12:109-11, 69

Decreased 17-hydroxycorticosteroid and VMA excretion during sleep following glutethimide administration in man. Rubin RT et al.
Life Sci 8:959-64, Sep 69

DDD

ADMINISTRATION & DOSAGE

A case of adrenocortical cancer treated with O,P'-DDD. Sakauchi N, et al. **Endocr Jap 16:287-90, Apr 69**

Treatment of Cushing's disease. Correction of hypercortisolism by o,p'DDD without induction of aldosterone deficiency. Temple TE Jr, et al.
New Eng J Med 281:801-5, 9 Oct 69

Medical treatment of Cushing's disease.
New Eng J Med 281:846-7, 9 Oct 69

ADVERSE EFFECTS

Treatment of Cushing's disease. Correction of hypercortisolism by o,p'DDD without induction of aldosterone deficiency. Temple TE Jr, et al.
New Eng J Med 281:801-5, 9 Oct 69

Medical treatment of Cushing's disease.
New Eng J Med 281:846-7, 9 Oct 69

PHARMACODYNAMICS

Effects of DDD and DDT on the production and metabolism of adrenocortical steroids in guinea pigs and dogs. Balazs T. **Amer J Vet Res 30:1535-40, Sep 69**

Effects of insecticides on mammalian cells and virus infections. Gabliks J, et al.
Ann NY Acad Sci 160:254-71, 1969 (26 ref.)

Influence of chlorinated hydrocarbons and organophosphate insecticides on metabolism of steroids. Kupfer D.
Ann NY Acad Sci 160:244-53, 1969 (27 ref.)

VI. Biochemical and pathological effects. Organochlorine insecticides and the stimulation of liver microsome enzymes. Street JC.
Ann NY Acad Sci 160:274-90, 1969 (61 ref.)

Effects of some pesticides and related compounds on steroid function and metabolism. Kupfer D.
Residue Rev 19:11-30, 1967 (96 ref.)

POISONING

[On the appearance of the mitochondrial isoenzyme of glutamic-oxalacetic transaminase in the serum of patients with acute toxic hepatopathy due to 1,2-dichloropropane and 1,2-dichloroethane] Secchi GC, et al. **Med Lavoro 59:649-53, Nov 68 (Ita)**

THERAPEUTIC USE

A case of adrenocortical cancer treated with O,P'-DDD. Sakauchi N, et al. **Endocr Jap 16:287-90, Apr 69**

Treatment of Cushing's disease. Correction of hypercortisolism by o,p'DDD without induction of aldosterone deficiency. Temple TE Jr, et al.
New Eng J Med 281:801-5, 9 Oct 69

Medical treatment of Cushing's disease.
New Eng J Med 281:846-7, 9 Oct 69

METYRAPONE

Spectrophotometric studies of interactions between various substrates in their binding to microsomal cytochrome P-450. Leibman KC, et al.
Biochem Biophys Res Commun 36:789-94, 22 Aug 69

The interaction of metopirone with adrenal mitochondrial cytochrome P-450. A mechanism for the inhibition of adrenal steroid 11 beta-hydroxylation. Williamson DG, et al.
Biochemistry (Wash) 8:1306-11, Apr 69

[Hypophyseal reserve in patients with peptic ulcer] Lubczyńska-Kowalska W, et al.
Pol Tyg Lek 24:582-3, 21 Apr 69 (Pol)

BLOOD

A simple fluorometric method for assay of plasma metyrapone. Meikle AW, et al.
J Lab Clin Med 74:515-20, Sep 69

DIAGNOSTIC USE

Inhibitory effect of diphenylhydantoin on the feedback control of corticotrophin release. Asfeldt VH, et al.
Acta Endocr (Kobenhavn) 61:551-60, Jul 69

Diagnosis of Cushing's syndrome. The differentiation between adrenocortical hyperplasia and adrenocrotical adenoma by means of lysine-vasopressin. Bethge H, et al.
Acta Endocr (Kobenhavn) 60:47-59, Jan 69

ACTH-excess and increased urinary pressor activity. Limaye NR, et al. **Exp Med Surg 25:178-84, 1967**

Hyperresponsiveness to metyrapone. Sabeh G, et al.
Exp Med Surg 25:218-28, 1967

Evaluation of metopiron and ACTH tests in prolonged corticosteroid treatment of chronic asthma. Lass N, et al. **Int Arch Allerg 36:180-5, 1969**

Radioimmunoassayable ACTH in dexamethasone nonsuppressible Cushing's syndrome. Rayyis SS, et al.
J Clin Endocr 29:1231-7, Sep 69

A simple fluorometric method for assay of plasma metyrapone. Meikle AW, et al.
J Lab Clin Med 74:515-20, Sep 69

Cushing's syndrome in infancy. Loridan L, et al.
J Pediat 75:349-59, Sep 69

[Problems raised by fluorometric determination of plasma cortisol in congenital hyperplasia of adrenal glands] Pham-Huu-Trung, et al.
Path Biol (Paris) 17:487-91, May 69 (Fre)

[Studies on the demonstration of pituitary dwarfism] Rath F, et al. **Helv Paediat Acta 24:311-22, Jun 69 (Ger)**

[Evaluation of the pituitary ACTH reserve in patients irradiated for cerebral neoplasms] Bonanni G.
Nunt Radiol 34:411-9, May 68 (Ita)

[New endocrine disorders attracting current interest--adrenal system] Miura K, et al.
Clin Endocr (Tokyo) 17:407-21, May 69 (130 ref.) (Jap)

[Aspect of hormones and hypertension] Torikai T. J Jap Soc Intern Med 58:579-92, 10 Jul 69 (29 ref.) (Jap)
[Treatment of some endocrine diseases by administration of radioactive yttrium into hypophysis] Dol'iotti DCh. Probl Endokr (Moskva) 14:3-10, Nov-Dec 68 (Rus)

PHARMACODYNAMICS

The effect of steroid hydroxylase inhibitors on the rate of reduction of adrenal mitochondrial cytochrome P-450. McIntosh EN, et al. Biochem Biophys Res Commun 36:552-8, 15 Aug 69
Studies on adrenal cortical cytochrome P-450. II. Effects of inhibitors of 11 beta hydroxylation on its optical and magnetic properties. Wilson LD, et al. Biochemistry (Wash) 8:2975-81, Jul 69
A simple method for separate determination of the main 17,21-dihydroxy-20-ketosteroids. Pieterse EW, et al. Clin Chim Acta 25:243-6, Aug 69
Inhibition of adrenal cortical hormones by an extract of lymphoid tissue. Radoiu N, et al. Experientia 25:643-5, 15 Jun 69
Adrenal response to excess corticotropin in coronary-prone men. Friedman M, et al. Proc Soc Exp Biol Med 131:1305-7, Sep 69
The effects of metopirone and aldactone on the pars distalis of the pituitary, the interrenal tissue and the interstitial tissue of the testis in the common frog, Rana temporaria. Kemenade JA van. Z Zellforsch 96:466-77, 1969
The anterior pituitary of the Japanese quail, Coturnix coturnix japonica. The cytological effects of photoperiodic stimulation. Tixier-Vidal A, et al. Z Zellforsch 92:610-35, 1968
[Contribution to the study of Stilling cells in Rana esculenta L] Gaudray A, et al. J Physiol (Paris) 60:Suppl 2:447, 1968 (Fre)
[Effects of metyrapone on drug metabolism and some other functions of the liver cell] Kahl GF, et al. Naunyn Schmiedeberg Arch Pharm 263:225-6, 1969 (Ger)
[Study of the histochemical changes occurring in the juxtaglomerular apparatus of the kidney, in the subcommissural organ and in the glomerular area of the adrenal gland of the "Lepus domesticus" after oral administration of "metopirone"] Fernández del Busto E, et al. Rev Clin Esp 113:323-8, 31 May 69 (Spa)

PITUITARY-ADRENAL SYSTEM

Divergent responses of arteriosclerotic and non-arteriosclerotic rats to a catabolic dose of cortisone. Wexler BC, et al. Acta Endocr (Kobenhavn) 61:509-24, Jul 69
ACTH secretion from the pituitary transplanted in apposition with the adrenal cortex under the renal capsule. Ishikawa H, et al. Endocr Jap 16:331-49, Jun 69
Evidence for a diurnal rhythm of corticotropin-releasing factor (CRF) in the hypothalamus. David-Nelson MA, et al. Endocrinology 85:861-6, Nov 69
Fetal secretion of glucocorticoids. Jackson BT, et al. Endocrinology 85:875-80, Nov 69
Response of rat adrenal tissue to ACTH in a flowing system. Saffran M, et al. Endocrinology 85:652-6, Oct 69
Inhibition of adrenal cortical hormones by an extract of lymphoid tissue. Radoiu N, et al. Experientia 25:643-5, 15 Jun 69
Radioimmunoassayable ACTH in dexamethasone nonsuppressible Cushing's syndrome. Rayyis SS, et al. J Clin Endocr 29:1231-7, Sep 69
Adrenal response to excess corticotropin in coronary-prone men. Friedman M, et al. Proc Soc Exp Biol Med 131:1305-7, Sep 69
The effect of small doses of human ACTH on serum corticosteroid levels in man. McDonald RK, et al. Proc Soc Exp Biol Med 131:1091-4, Sep 69
The cental nervous system and pituitary-adrenocortical feedback mechanisms. Davidson JM, et al. Rass Neurol Veg 21:9-27, 30 Apr 67
"In vitro" studies of circadian rhythms in hypothalamic-pituitary-adrenal systems. Ungar F. Rass Neurol Veg 21:57-70, 30 Apr 67
[Role of the hypothalamus on the rat adrenal response of the rat fetus to formol agression] Cohen A, et al. C R Soc Biol (Paris) 162:2070-3, 1968 (Fre)
[Cytologic modifications of the pituitary and interrenal gland of the green frog, Rana esculenta L., after unilaternal adrenalectomy] Dupont W, et al. C R Soc Biol (Paris) 163:34-7, 1969 (Fre)
[On the question of the systemic effect of fluprednyliden-21-acetate cream following application of increasing quantities] Peter G, et al. Int Z Klin Pharmakol Ther Toxik 2:83-6, Jan 69 (Ger)
[Acquired toxoplasmosis and rheumatoid arthritis] Ippolito A, et al. G Mal Infett 20:955-8, Nov 68 (Ita)
[Biorhythms in clinical and experimental endocrinology. Introduction] Lunedei A. Rass Neurol Veg 21:3-8, 30 Apr 67 (Ita)
[Central nervous control of the pituitary-adrenal system, with special reference to the function of the hippocampus in stress] Kawakami M, et al. Jap J Clin Med 27:1348-62, May 69 (Jap)
[Feedback mechanism of ACTH secretion] Takebe K, et al. Jap J Clin Med 27:1379-39, May 69 (Jap)
[The central nervous apparatus for regulation of osmosis] Walloe L. T Norsk Laegeforen 89:1077-82, 1 Jul 69 (Nor)
[Function of the hypophyseal adrenal cortex system in patients with osteoarticular tuberculosis and its relation to anesthesia and surgical trauma] Udalov SK, et al. Probl Tuberk 45:69-74, 1967 (Rus)
[Status of hypophyseal-adrenal system in gastric ulcer] Mosin VI. Vrach Delo 2:123-4, Feb 67 (Rus)
[On the effect of adrenalectomy, adrenal hormones and ACTH on the resistance of developing rats to staphylococcal exotoxin and the endotoxin of Escherichia coli] Belokrylov GA, et al. Zh Mikrobiol 45:33-7, May 68 (Rus)
[The matrix-genetic theory of immunogenesis and the neuro-humoral regulation of antibody formation] Zdorodovskiĭ PF. Zh Mikrobiol 44:3-14, Jul 67 (74 ref.) (Rus)
[Contribution to the problem of regularity of postoperative metabolic reaction] Brix M, et al. Bratisl Lek Listy 52:226-9, Aug 69 (Slo)

DRUG EFFECTS

Systemic effects of topically applied corticosteroid hormones. Herdenstam CG. Acta Dermatovener (Stockholm) 49:167-70, 1969
Inhibitory effect of diphenylhydantoin on the feedback control of corticotrophin release. Asfeldt VH, et al. Acta Endocr (Kobenhavn) 61:551-60, Jul 69
Diagnosis of Cushing's syndrome. The differentiation between adrenocortical hyperplasia and adrenocrotical adenoma by means of lysine-vasopressin. Bethge H, et al. Acta Endocr (Kobenhavn) 60:47-59, Jan 69
Reversed action of acetylated corticotrophin: inhibition of adreno-cortical secretion. Bulovskaya LN, et al. Acta Endocr (Kobenhavn) 61:193-7, Jun 69
Effects of intracerebral dexamethasone on pituitary-adrenal function in female rats. Zimmermann E, et al. Amer J Physiol 217:392-6, Aug 69
Effects of chronic melatonin and saline injections on pituitary adrenal secretion. Barchas J, et al. Experientia 25:413-4, 15 Apr 69
Gingival hyperplasia related to treatment with diphenylhydantoin (diphedan; DH). Rudas SL, et al. Int Z Klin Pharmakol Ther Toxik 2:180-4, Apr 69
Adrenal-pituitary relationships with prolonged low dosage steroid therapy in rheumatoid arthritis. Zuckner J, et al. Missouri Med 66:649-53 passim, Aug 69
Pituitary-adrenal activation following intrahypothalamic microinjection of morphine. Lotti VJ, et al. Neuroendocrinology 4:326-32, 1969
Effect of glutethimide and aminoglutethimide on the pituitary-adrenal system. Schofield S, et al. Proc West Pharmacol Soc 12:109-11, 1969
Facilitatory and inhibitory influences on the pituitary-adrenal system: a study with chlorpromazine. Bohus B, et al. Rass Neurol Veg 21:71-83, 30 Apr 67
[The hypophyseal-adrenal system in patients with asthma and silicosis. II. Effects of treatment with synthetic corticosteroids] Carosi L, et al. Folia Med (Napoli) 51:955-63, 12 Dec 68 (Ita)
[ACTH and pituitary-adrenal system] Afinogenova SA. Probl Endokr (Moskva) 15:79-84, May-Jun 69 (Rus)

PHYSIOLOGY

Effect of stimulation and coagulation of the midbrain reticular formation on the bronchial musculature; a

modification of histamine susceptibility. Przybylski A. J Neurovisc Relat 31:171-88, 1969

The anterior pituitary of the Japanese quail, Coturnix coturnix japonica. The cytological effects of photoperiodic stimulation. Tixier-Vidal A, et al. Z Zellforsch 92:610-35, 1968

[Histometric studies of the adrenal glands in rats. The effect of ACTH administration, formalin stress, hypophysectomy and cortisone treatment on the adrenal gland zones] Kovács K, et al. Z Mikr Anat Forsch 79:413-33, 1968 (Ger)

[The effect of removing the adrenals from pregnant rats on the functional state of the hypophyseo-adrenal system of their progeny during the first days of postnatal life] Kandror MI. Biull Eksp Biol Med 67:37-40, Mar 69 (Rus)

[ACTH and pituitary-adrenal system] Afinogenova SA. Probl Endokr (Moskva) 15:79-84, May-Jun 69 (Rus)

[Seasonal rhythm of the weight of the thymus gland in normal, adrenalectomized and hypophysectomized rats] Golikov PP. Probl Endokr (Moskva) 15:100-3, Jan-Feb 69 (Rus)

[The blood-brain barrier problem in endocrinology] Kassil' GN. Probl Endokr (Moskva) 13:116-20, May-Jun 67 (18 ref.) (Rus)

[Serotonin-reactive structures of the hypothalamus and the function of hypophyseo-adrenal system] Naumenko EV, et al. Probl Endokr (Moskva) 14:83-6, Jul-Aug 68 (Rus)

RENIN

C. The renin-angiotensin system. A history and review of the renin-angiotensin system. Peart WS. Proc Roy Soc [Biol] 173:317-25, 1 Jul 69 (41 ref.)

ANALYSIS

Post-hydralazine renin release in the diagnosis of renovascular hypertension. Mannick JA, et al. Ann Surg 170:409-15, Sep 69

Renin content of kidneys in various types of experimental hypertension in rats. Masuyama Y, et al. Israel J Med Sci 5:594-7, Jul-Aug 69

Production of hypertensive vascular disease in the rat by methyltestosterone. Molteni A, et al. Lab Invest 21:129-37, Aug 69

Uterine production of renin in normal and nephrectomized dogs. Hodari AA, et al. Obstet Gynec 34:358-62, Sep 69

Generation and survival of angiotensin in nonrefrigerated plasma. An explanation for presence of pressor material in human plasma protein solutions used clinically. Vandongen R, et al. Transfusion 9:205-11, Jul-Aug 69

[Study on the renin-angiotensin-aldosterone system. Evaluation of the dynamics of renal renin and adrenal cortex aldosterone production in the chronic stage of Goldblatt's rats] Okano M. Jap Circ J 31:1773-83, Nov 67 (Jap)

[Early diagnosis and treatment of hypertension and renal vascular hypertension] Murakami M, et al. Naika 23:1124-36, Jun 69 (145 ref.) (Jap)

BIOSYNTHESIS

Uterine production of renin in normal and nephrectomized dogs. Hodari AA, et al. Obstet Gynec 34:358-62, Sep 69

[Study on the renin-angiotensin-aldosterone system. Evaluation of the dynamics of renal renin and adrenal cortex aldosterone production in the chronic stage of Goldblatt's rats] Okano M. Jap Circ J 31:1773-83, Nov 67 (Jap)

BLOOD

The effect of heparin on sodium conservation and on the plasma concentration, the metabolic clearance and the secretion and excretion rates of aldosterone in normal subjects. Bailey RE, et al. Acta Endocr (Kobenhavn) 60:249-64, Feb 69

Renal artery stenosis and hypertension. Observations on current status of therapy from a study of 115 patients. Shapiro AP, et al. Amer J Med 47:175-93, Aug 69

Contrasting exchangeable sodium in rats with different types of Goldblatt hypertension. Tobian L, et al. Amer J Physiol 217:458-60, Aug 69

Peripheral and renal venous plasma renin activity in hypertension. Gunnells JC Jr, et al. Ann Intern Med 71:555-75, Sep 69

Post-hydralazine renin release in the diagnosis of renovascular hypertension. Mannick JA, et al. Ann Surg 170:409-15, Sep 69

Hypertension in patients on regular dialysis. Brit Med J 3:669-70, 20 Sep 69

Diagnosis of renovascular hypertension. Hunt JC. Bull NY Acad Med 45:877-95, Sep 69

Effects of saline loading on the renin, erythropoietin, and blood pressure responses to canine renal allotransplantation. Abbrecht PH, et al. Circ Res 25:99-105, Aug 69

Mechanism of the effects of furosemide on renin secretion in anesthetized dogs. Vander AJ, et al. Circ Res 25:145-52, Aug 69

Relation of plasma to interstitial fluid volume in essential hypertension. Tarazi RC, et al. Circulation 40:357-66, Sep 69

Effects of estrogens on plasma angiotensinogen and renin activity in nephrectomized rats. Nasjletti A, et al. Endocrinology 85:967-70, Nov 69

Testing in hypertension. Mendlowitz M, et al. Israel J Med Sci 5:605-7, Jul-Aug 69

Studies of plasma renin activity in patients with hypertension. Stokes GS. Israel J Med Sci 5:598-604, Jul-Aug 69

Diazoxide-induced renin release in man: dissociation from plasma and extracellular fluid volume changes. Baer L, et al. J Clin Endocr 29:1107-9, Aug 69

Effect of adrenocorticotropin on desoxycorticosterone, corticosterone and aldosterone excretion. Biglieri EG, et al. J Clin Endocr 29:1090-101, Aug 69

Adrenergic receptor mediation of renin secretion. Winer N, et al. J Clin Endocr 29:1168-75, Sep 69

Failure of the cirrhotic liver to inactivate renin: evidence for a splanchnic source of renin-like activity. Barnardo DE, et al. J Lab Clin Med 74:495-506, Sep 69

Renin-like activity in the plasma of anephric men. McKenzie JK, et al. Nature (London) 223:1156, 13 Sep 69

Uterine production of renin in normal and nephrectomized dogs. Hodari AA, et al. Obstet Gynec 34:358-62, Sep 69

A sibship with Bartter's syndrome: failure of total adrenalectomy to correct the potassium wasting. Trygstad CW, et al. Pediatrics 44:234-42, Aug 69

Role of angiotensin in normal blood pressure regulation. Worcel M, et al. Pflueger Arch 310:251-63, 1969

Improved method for measurement of renin activity in human plasma. Miura Y. Tohoku J Exp Med 98:125-34, Jun 69

Renin-like pressor material in ovarian venous blood of pregnant rabbits. Oda M, et al. Tohoku J Exp Med 97:311-5, Apr 69

Further experiences in the diagnosis and treatment of renovascular hypertension. I. Clinical characteristics and diagnostic approaches. Kaufman JJ, et al. Urol Int 24:1-11, 1969

Renin-angiotensin-aldosterone system in hypertension. The clinical usefulness of measuring components of thisystem. Ayers CR. Virginia Med Monthly 96:312-4, Jun 69

[Role of the adrenal glands in lowering plasma renin associated with an increase in angiotensin] Menard J, et al. C R Acad Sci [D] (Paris) 268:2710-3, 2 Jun 69 (Fre)

[Man without kidneys] Verroust P. Presse Med 77:818, 3 May 69 (Fre)

[Physiopathologic significance of binephrectomy in arterial hypertension] Meyer P. Rev Franc Etud Clin Biol 14:343-5, Apr 69 (Fre)

[Clinical aspects of renovasular hypertension] Cottier P. Helv Med Acta Suppl 48:28+, May 68 (Ger)

[Significance of renin in physiopathology and diagnosis] Kokot F. Z Ges Inn Med 24:193-7, 1 Apr 69 (48 ref.) (Ger)

[New endocrine disorders attracting current interest--adrenal system] Miura K, et al. Clin Endocr (Tokyo) 17:407-21, May 69 (130 ref.) (Jap)

[Advances and problems in the determination of the renin activity of the blood] Otsuka K. Clin Endocr (Tokyo) 17:357-60, Apr 69 (23 ref.) (Jap)

[Aspect of hormones and hypertension] Torikai T. J Jap Soc Intern Med 58:579-92, 10 Jul 69 (29 ref.) (Jap)

[Hypertension and endocrinology] Torikai T. J Jap Soc Intern Med 57:13-6, 31 Dec 68 (Jap)

[Bartter's syndrome--case report and literature review] Kono T, et al.
Jap J Clin Med 27:1179-201, Apr 69 (Jap)
[The investigation of renin in pregnancy complicated by late toxemia] Cekański A, et al.
Ginek Pol 40:817-21, Jul 69 (Pol)
[Studies on renin in normal pregnancy] Kokot F, et al.
Ginek Pol 40:711-8, Jun 69 (30 ref.) (Pol)
[A case of arterial hypertension with hyperreninemia operated on successfully] Bromberg-Sznek SZ, et al.
Pol Tyg Lek 24:1090-1, Jul 69 (Pol)
[Our experience in the determination of renin in patients with arterial hypertension] Kokot F, et al.
Kardiologiia 9:22-7, Feb 69 (Rus)

METABOLISM

Post-hydralazine renin release in the diagnosis of renovascular hypertension. Mannick JA, et al.
Ann Surg 170:409-15, Sep 69
Renin-like activity in the plasma of anephric men. McKenzie JK, et al.
Nature (London) 223:1156, 13 Sep 69
[Pathology of the juxtaglomerular cells and juxtaglomerular cell tumor] Kihara T.
Jap J Clin Med 27:1251-6, Apr 69 (Jap)
[Bartter's syndrome--case report and literature review] Kono T, et al.
Jap J Clin Med 27:1179-201, Apr 69 (Jap)
["Hypertensive vascular changes" with and without hypertension] Pasternack A.
Nord Med 82:853-7, 19 Jul 69 (36 ref.) (Swe)

PHARMACODYNAMICS

C. The renin-angiotensin system. A history and review of the renin-angiotensin system. Peart WS.
Proc Roy Soc [Biol] 173:317-25, 1 Jul 69 (41 ref.)

PHYSIOLOGY

Studies of the renin-angiotensin-aldosterone system in patients with hypertension and in normal subjects. Streeten DH, et al. Amer J Med 46:844-61, Jun 69
Physiologic control of arterial pressure. Guyton AC, et al. Bull NY Acad Med 45:811-30, Sep 69
Renal and adrenal factors in hypertension: diagnostic approaches. Laragh JH.
Bull NY Acad Med 45:859-76, Sep 69
The effect on drinking in the rat of intravenous infusion of angiotensin, given alone or in combination with other stimuli of thirst. Fitzsimons JT, et al.
J Physiol (London) 203:45-57, Jul 69
Renin-angiotensin-aldosterone system in hypertension. The clinical usefulness of measuring components of thisystem. Ayers CR.
Virginia Med Monthly 96:312-4, Jun 69
[Micropuncture study of the clamped kidney in unilaterally nephrectomized rats with experimental renal hypertension] Lowitz HD, et al.
Pflueger Arch 309:212-23, 1969 (Ger)
[Study on the renin-angiotensin-aldosterone system. Evaluation of the dynamics of renal renin and adrenal cortex aldosterone production in the chronic stage of Goldblatt's rats] Okano M.
Jap Circ J 31:1773-83, Nov 67 (Jap)
[The role of renin in the pathophysiology and diagnosis, excluding pregnancy and its complications] Kokot F, et al. Ginek Pol 40:579-85, May 69 (27 ref.) (Pol)
[Current status of nephrology] Zosin C.
Med Intern (Bucur) 20:1421-30, Dec 68 (Rum)

SECRETION

Diagnosis and management of renovascular hypertension. Hunt JC, et al.
Amer J Cardiol 23:434-45, Mar 69 (29 ref.)
Mechanism of the effects of furosemide on renin secretion in anesthetized dogs. Vander AJ, et al.
Circ Res 25:145-52, Aug 69
Diazoxide-induced renin release in man: dissociation from plasma and extracellular fluid volume changes. Baer L, et al. J Clin Endocr 29:1107-9, Aug 69
Adrenergic receptor mediation of renin secretion. Winer N, et al. J Clin Endocr 29:1168-75, Sep 69
Failure of the cirrhotic liver to inactivate renin: evidence for a splanchnic source of renin-like activity. Barnardo DE, et al. J Lab Clin Med 74:495-506, Sep 69
Control of renin secretion in the anesthetized dog. 2. Relationship between renin secretion, plasma sodium concentration and GFR in the perfused kidney. Yamamoto K, et al. Jap Circ J 33:593-600, Jun 69
Renin and diuretics: a paradox. Santos DE.
Ohio Med J 65:824-5, Aug 69
[Physiopathologic significance of binephrectomy in arterial hypertension] Meyer P.
Rev Franc Etud Clin Biol 14:343-5, Apr 69 (Fre)
[Structure and function of the juxtaglomerular apparatus of the kidney under normal conditions] Cain H, et al.
Deutsch Med Wschr 94:2173-80, 17 Oct 69 (88 ref.) (Ger)
[Juxtaglomerular apparatus, renin, renovascular hypertension] Cardiol Prat 18:81-5, Dec 67 (Ita)
[Nipiopharmacology of steroid hormones] Macciotta A.
Minerva Nipiol 17:204-38, Nov-Dec 67 (746 ref.) (Ita)
[Our experience in the determination of renin in patients with arterial hypertension] Kokot F, et al.
Kardiologiia 9:22-7, Feb 69 (Rus)

SPIRONOLACTONE

ADMINISTRATION & DOSAGE

Hyperaldosteronism. Tidd MJ.
Brit Med J 2:52-3, 4 Oct 69
The effect of aldosterone on the electrical activity of rat colon. Edmonds CJ, et al. J Endocr 44:363-77, Jul 69
[Inhibition of natriuretic effect of angiotensin by spirolactones and salidiuretics in cirrhosis and arterial hypertension] Kuntzmann F, et al.
Path Biol (Paris) 17:447-58, May 69 (Fre)

ADVERSE EFFECTS

Hyperaldosteronism. Tidd MJ.
Brit Med J 2:52-3, 4 Oct 69
[Therapeutically induced aldosteronism in hydropic cardiac insufficiency] Kaufmann W.
Arzneimitteiforschung 19:802-3, May 69 (Ger)
[Clinical use of concurrent antagonists of aldosterone in patients with cardiac insufficiency] Smolenskiĭ VS, et al. Kardiologiia 9:13-9, Jun 69 (Rus)

METABOLISM

[Steroid spirolactones--antagonists of mineralocorticoids] Linèt O.
Cesk Farm 18:218-26, Jun 69 (184 ref.) (Cze)

PHARMACODYNAMICS

Adrenal-renal function in water snakes Natrix cyclopion. Elizondo RS, et al.
Amer J Physiol 217:419-25, Aug 69
Inhibition of anesthetics and sedative actions by spironolactone. Selye H, et al.
Anesthesiology 31:261-4, Sep 69
Possible protective action of antialdosterone compounds in myocardial necrosis in rats. Moudgil LR. Brit J Pharmacol 35:558-62, Mar 69
Spironolactone and steroid assay. Lurie AO.
Lancet 2:326, 9 Aug 69
Prevention by spironolactone of 7,12-dimethylbenz(a)anthracene-induced adrenal necrosis. Kovacs K, et al.
Proc Soc Exp Biol Med 131:1350-2, Sep 69
The effects of metopirone and aldactone on the pars distalis of the pituitary, the interrenal tissue and the interstitial tissue of the testis in the common frog, Rana temporaria. Kemenade JA van.
Z Zellforsch 96:466-77, 1969
[Steroid spirolactones--antagonists of mineralocorticoids] Linèt O.
Cesk Farm 18:218-26, Jun 69 (184 ref.) (Cze)
[Results of treatment of the chronic general alveolar hypoventilation with aldadiene potassium] Ferlinz R, et al. Med Welt 32:1751-4, 9 Aug 69 (Ger)
[Effect o combination of diuretics on electrolyte metabolism of erythrocytes and serum] Gross W, et al.
Med Welt 7:349-52, 15 Feb 69 (Ger)
[Distribution of fluid between the cells and the extracellular media and mineralocorticoid function of the adrenal glands in cardiac insufficiency] Sycheva IM, et al. Kardiologiia 9:19-25, Jun 69 (Rus)

THERAPEUTIC USE

A controlled clinical trial of aldactone-A in the

treatment of benign prostatic hyperplasia. Castro JE, et al. **Brit J Surg 56:632, Aug 69**

Management of primary and secondary hyperaldosteronism. **Brit Med J 3:427-8, 23 Aug 69**

Studies of plasma renin activity in patients with hypertension. Stokes GS.
Israel J Med Sci 5:598-604, Jul-Aug 69

Spironolactone and steroid assay. Lurie AO.
Lancet 2:326, 9 Aug 69

Modifying elevated blood pressure: a practical office approach. Tobian L. **Minn Med 52:1307-10, Aug 69**

[Steroid spirolactones--antagonists of mineralocorticoids] Linèt O.
Cesk Farm 18:218-26, Jun 69 (184 ref.) (Cze)

[Treatment of arterial hypertension with diuretics] Fritel D, et al. **Sem Ther 43:381-4, Jun-Jul 67 (Fre)**

[Myelofibrosis and esophageal varices] Wohlenberg H.
Deutsch Med Wschr 94:2163-7, 17 Oct 69 (Ger)

[Portal hypertension in chronic liver diseases and its therapy] Weinreich J.
Med Mschr 23:56-60, Feb 69 (Ger)

[Results of treatment of the chronic general alveolar hypoventilation with aldadiene potassium] Ferlinz R, et al. **Med Welt 32:1751-4, 9 Aug 69 (Ger)**

[On the diagnosis and therapy of myasthenia gravis pseudoparalytica] Stöber G, et al.
Z Aerztl Fortbild (Jena) 63:549-51, 15 May 69 (Ger)

[Tetraplegia caused by hypokalemia] Semmler H, et al.
Z Ges Inn Med 24:283-6, 1 May 69 (Ger)

[Clinical use of concurrent antagonists of aldosterone in patients with cardiac insufficiency] Smolenskiĭ VS, et al. **Kardiologiia 9:13-9, Jun 69 (Rus)**

[Distribution of fluid between the cells and the extracellular media and mineralocorticoid function of the adrenal glands in cardiac insufficiency] Sycheva IM, et al. **Kardiologiia 9:19-25, Jun 69 (Rus)**

[On periodic disease] Shub NI.
Vrach Delo 5:87-90, May 67 (Rus)

TRANSCORTIN

Biological inactivation of progesterone by interaction with corticosteroid-binding globulin and with albumin. Hoffmann W, et al.
Endocrinology 85:778-81, Oct 69

Transcortin: a corticosteroid-binding protein of plasma. XI. Effects of estrogens or pregnancy in guinea pigs. Rosenthal HE, et al.
Endocrinology 85:825-30, Nov 69

Micro-determination of corticosteroids in ovine peripheral plasma: effects of venipuncture, corticotrophin, insulin and glucose. Bassett JM, et al.
J Endocr 44:387-403, Jul 69

Interaction of adrenal and gonadal steroids with proteins in human plasma. Rosner W.
New Eng J Med 281:658-65, 18 Sep 69 (28 ref.)

[Clinical use of the method of separative determination of the content of protein-bound and free forms of 11-hydroxycorticosteroids in the plasma in some pathologic conditions] Buniatian AF.
Lab Delo 6:337-40, 1969 (Rus)

BIOSYNTHESIS

[Importance of the liver and blood plasma in the formation of corticosteroid-binding globulin (transcortin)] Rozen VB, et al.
Probl Endokr (Moskva) 14:66-71, Nov-Dec 68 (Rus)

BLOOD

Interaction of adrenal and gonadal steroids with proteins in human plasma. Rosner W.
New Eng J Med 281:658-65, 18 Sep 69 (28 ref.)

The plasma levels of dehydroepiandrosterone sulphate, androsterone sulphate, cortisol and transcortin in Chinese, Indian and Malay males. Wang DY, et al.
Singapore Med J 10:18-23, Mar 69

[Trascortin content in the lasmaof rats after administration of corticosteroids] Komissarenko VP, et al. **Probl Endokr (Moskva) 15:54-8, Jan-Feb 69 (Rus)**

[Binding hydrocortisone with transcortin in diencephalic syndrome following the Itsenko-Cushing disease course] Rozen VB, et al.
Probl Endokr (Moskva) 15:48-52, May-Jun 69 (Rus)

ISOLATION & PURIFICATION

Interaction of adrenal and gonadal steroids with proteins in human plasma. Rosner W.
New Eng J Med 281:658-65, 18 Sep 69 (28 ref.)

V. Adrenal Medulla

ADRENAL MEDULLA

ANALYSIS

Phospholipid metabolism and adrenal medullary activity. I. The effect of acetylcholine on tissue uptake and incorporation of orthophosphate-32P into nucleotides and phospholipids of bovine adrenal medulla. Trifaró JM. Molec Pharmacol 5:382-93, Jul 69

Secretion from the isolated bovine adrenal medulla. Schneider FH.
Proc West Pharmacol Soc 12:107-9, 1969

[Experimental animal studies of sulfonylureas on adrenal medulla and adrenal cortex] Noetzel G, et al.
Arzneimitteiforschung 19:1171-7, Aug 69 (Ger)

ANATOMY & HISTOLOGY

[Histometric studies of the adrenal glands in rats. The effect of ACTH administration, formalin stress, hypophysectomy and cortisone treatment on the adrenal gland zones] Kovács K, et al.
Z Mikr Anat Forsch 79:413-33, 1968 (Ger)

CYTOLOGY

Atrophy and hyperplasia in the adrenal medulla. Jayne EP. Geriatrics 24:115-9, Sep 69

An electron microscopic study of the human adrenal medulla and pheochromocytoma. Yokoyama M, et al.
Urol Int 24:79-95, 1969

[Persistance of synapses in chromaffin cells in mitosis, during development] Grynszpan-Winograd O.
C R Acad Sci [D] (Paris) 269:348-50, 1969 (Fre)

[Influencing by thallium of the ATPase of amino-storing granules in adrenal medulla and splenic nerves] Burger A, et al.
Experientia 25:578-9, 15 Jun 69 (Ger)

[Isolation and properties of noradrenaline-containing granules from the adrenal medulla] Winkler H.
Naunyn Schmiedeberg Arch Pharm 263:258-9, 1969 (Ger)

DRUG EFFECTS

Biological activities of tolbutamide and its metabolites. A dissociation of insulin-releasing and hypoglycemic activity. Feldman JM, et al. Diabetes 18:529-37, Aug 69

Secretion from the isolated bovine adrenal medulla. Schneider FH.
Proc West Pharmacol Soc 12:107-9, 1969

[Experimental animal studies of sulfonylureas on adrenal medulla and adrenal cortex] Noetzel G, et al.
Arzneimitteiforschung 19:1171-7, Aug 69 (Ger)

[Influencing by thallium of the ATPase of amino-storing granules in adrenal medulla and splenic nerves] Burger A, et al.
Experientia 25:578-9, 15 Jun 69 (Ger)

[Histometric studies of the adrenal glands in rats. The effect of ACTH administration, formalin stress, hypophysectomy and cortisone treatment on the adrenal gland zones] Kovács K, et al.
Z Mikr Anat Forsch 79:413-33, 1968 (Ger)

ENZYMOLOGY

Intracellular distribution of endogenous inhibitors of dopamine-beta-hydroxylase. Laduron P, et al.
Arch Int Physiol 76:938-9, Dec 68

Beta-glucuronidase activity in adrenals of patients with or without cancer. Hoch-Ligeti C, et al.
Cancer 24:796-802, Oct 69

An electron-microscopic study of cholinesterase distribution in the rat adrenal medulla. Lewis PR, et al. J Micr 89:181-93, 1969

Secretion from the isolated bovine adrenal medulla. Schneider FH.
Proc West Pharmacol Soc 12:107-9, 1969

[Influencing by thallium of the ATPase of amino-storing granules in adrenal medulla and splenic nerves] Burger A, et al.
Experientia 25:578-9, 15 Jun 69 (Ger)

[Distrbution of the activity, of succinate dehydrogenase, cytochrome oxidase, NAD- and NAD-P-diaphorases in the adrenal glands of guina pig] Gordienko VM, et al.
Probl Endokr (Moskva) 15:62-6, Jan-Feb 69 (Rus)

INNERVATION

[Persistance of synapses in chromaffin cells in mitosis, during development] Grynszpan-Winograd O.
C R Acad Sci [D] (Paris) 269:348-50, 1969 (Fre)

METABOLISM

Release of adrenaline from adrenomedullary granules by chlorpromazine. Vapaatalo HI, et al.
Ann Med Exp Biol Fenn 46:233-41, 1968

Phospholipid metabolism and adrenal medullary activity. I. The effect of acetylcholine on tissue uptake and incorporation of orthophosphate-32P into nucleotides and phospholipids of bovine adrenal medulla. Trifaró JM. Molec Pharmacol 5:382-93, Jul 69

The effect of Ca++ omission on the secretion of catecholamines and the incorporation of orthophosphate-32P into nucleotides and phospholipids of bovine adrenal medulla during acetylcholine stimulation. Trifaró JM.
Molec Pharmacol 5:424-7, Jul 69

[Methylation of noradrenaline in dog-fish] Peyrin L.
J Physiol (Paris) 60:Suppl 2:515, 1968 (Fre)

[The influence of the adrenal cortex on adrenaline synthesis in the rat and rabbits fetus and neonate] Roffi J. J Physiol (Paris) 60:455-94, Nov-Dec 68 (Fre)

PATHOLOGY

Atrophy and hyperplasia in the adrenal medulla. Jayne EP. Geriatrics 24:115-9, Sep 69

Malignant lymphomas of extrathymic origin induced in rats by murine erythroblastosis virus. Kirsten WH, et al. J Nat Cancer Inst 43:735-46, Sep 69

Electron microscopic study on adrenal medullary cells of rats following whole body x-irradiation. Sekiyama S, et al. J Radiat Res (Tokyo) 10:8-16, Mar 69

PHYSIOLOGY

Adrenocortical and adrenomedullary factors influencing the blood pressure response to splanchnic stimulation in the rat. Ctoni C, et al.
Ann Ist Sup Sanit 4:338-40, 1968

An electrophysiological study of the rat adrenal gland in vivo. Fawcett PR. J Neurol Sci 8:381-3, Mar-Apr 69

[The protective and noxious effect of catecholamines during postinsulin hypoglycemia in rats] Korec R.
J Physiol (Paris) 60:Suppl 2:366-7, 1968 (Fre)

[Increase of urinary vanilmandelic acid in postoperative state] Monsaingeon A, et al.
Rev Franc Etud Clin Biol 14:384-8, Apr 69 (Fre)

[The so-called toxicity of hyperbaric oxygen as an adrenergic phenomenon. Proposals for a pathogenetic interpretation] Novelli GP, et al.
Acta Anaesth (Padova) 18:301-31, Nov-Dec 67 (Ita)

RADIATION EFFECTS

Electron microscopic study on adrenal medullary cells of rats following whole body x-irradiation. Sekiyama S, et al. J Radiat Res (Tokyo) 10:8-16, Mar 69

SECRETION

Influence of some drugs on chlorpromazine-induced adrenaline release. Vapaatalo HI.
Ann Med Exp Biol Fenn 46:226-32, 1968

Metabolic requirements for secretion from the adrenal medulla. Kirshner N, et al. Life Sci 8:799-803, 1 Aug 69

The effect of Ca++ omission on the secretion of

catecholamines and the incorporation of orthophosphate-32P into nucleotides and phospholipids of bovine adrenal medulla during acetylcholine stimulation. Trifaró JM.
Molec Pharmacol 5:424-7, Jul 69
Mechanism of secretion from the adrenal medulla. V. Retention of storage vesicle membranes following release of adrenaline. Viveros OH, et al.
Molec Pharmacol 5:342-9, Jul 69
Secretion from the isolated bovine adrenal medulla. Schneider FH.
Proc West Pharmacol Soc 12:107-9, 1969
Quantal secretion from adrenal medulla: all-or-none release of storage vesicle content. Viveros OH, et al.
Science 165:911-3, 29 Aug 69

SURGERY

[The protective and noxious effect of catecholamines during postinsulin hypoglycemia in rats] Korec R.
J Physiol (Paris) 60:Suppl 2:366-7, 1968 (Fre)
[State of oxido-reduction of NAD in vivo in the adrenalectomized and medullectomized rat] Fiorentini A, et al.
Boll Soc Ital Biol Sper 44:1838-40, 15 Nov 68 (Ita)

CATECHOLAMINES

ANALYSIS

Enzymatic assay for 3,4-dihydroxymandelic acid (DOMA) in human urine, plasma, and tissues. Sato T, et al. J Lab Clin Med 74:672-81, Oct 69
Response of neurogenic amines to aggregation and strangers. Bliss EL, et al.
J Pharmacol Exp Ther 168:258-63, Aug 69
Secretion from the isolated bovine adrenal medulla. Schneider FH.
Proc West Pharmacol Soc 12:107-9, 1969
Influence of toxic doses of ouabain on catecholamine levels in dogs. Treece G, et al.
Proc West Pharmacol Soc 12:113-4, 1969
Quantal secretion from adrenal medulla: all-or-none release of storage vesicle content. Viveros OH, et al.
Science 165:911-3, 29 Aug 69
An electron microscopic study of the human adrenal medulla and pheochromocytoma. Yokoyama M, et al.
Urol Int 24:79-95, 1969
[Experimental animal studies of sulfonylureas on adrenal medulla and adrenal cortex] Noetzel G, et al.
Arzneimittelforschung 19:1171-7, Aug 69 (Ger)
[Activity and metabolism of catecholamines in hyperthyroidism (review of the literature)] Geller LI.
Probl Endokr (Moskva) 15:108-11, Mar-Apr 69 (115 ref.) (Rus)

BLOOD

[Catecholamine levels in the blood and adrenal glands of goats] Vandermeulen R, et al.
C R Soc Biol (Paris) 162:2051-3, May 69 (Fre)
[Pheochromocytoma with unusual cardiac arrhythmias and their treatment with alpha-and beta-receptor-blocking agents] Bucher HW, et al.
Schweiz Med Wschr 99:956-60, 28 Jun 69 (Ger)

METABOLISM

Metabolism of catecholamines--identification and quantification of 3-methoxy-4-hydroxyphenylglycol glucuronide in human urine. Shimizu H, et al.
Biochem Pharmacol 18:1643-54, Jul 69
Response of neurogenic amines to aggregation and strangers. Bliss EL, et al.
J Pharmacol Exp Ther 168:258-63, Aug 69
Electron microscopic study on adrenal medullary cells of rats following whole body x-irradiation. Sekiyama S, et al. J Radiat Res (Tokyo) 10:8-16, Mar 69
[Regeneration of the adrenal cortex after neonatal autograft] Brudieux R.
C R Soc Biol (Paris) 163:125-9, 1969 (Fre)
[Catecholamine levels in the blood and adrenal glands of goats] Vandermeulen R, et al.
C R Soc Biol (Paris) 162:2051-3, May 69 (Fre)
[Influencing by thallium of the ATPase of amino-storing granules in adrenal medulla and splenic nerves] Burger A, et al.
Experientia 25:578-9, 15 Jun 69 (Ger)
[Pheochromocytoma with unusual cardiac arrhythmias and their treatment with alpha-and beta-receptor-blocking agents] Bucher HW, et al.
Schweiz Med Wschr 99:956-60, 28 Jun 69 (Ger)
[Activity and metabolism of catecholamines in hyperthyroidism (review of the literature)] Geller LI.
Probl Endokr (Moskva) 15:108-11, Mar-Apr 69 (115 ref.) (Rus)

PHARMACODYNAMICS

Role of beta-adrenergic receptors in the circulatory response to hypoxia. Kontos HA, et al.
Amer J Physiol 217:756-63, Sep 69
Inhibition of insulin secretion by catecholamines in pheochromocytoma. Colwell JA.
Ann Intern Med 71:251-6, Aug 69

SECRETION

Pheochromocytoma and insulin. Colwell JA.
Ann Intern Med 71:668-9, Sep 69
Metabolic requirements for secretion from the adrenal medulla. Kirshner N, et al. Life Sci 8:799-803, 1 Aug 69
The effect of Ca++ omission on the secretion of catecholamines and the incorporation of orthophosphate-32P into nucleotides and phospholipids of bovine adrenal medulla during acetylcholine stimulation. Trifaró JM.
Molec Pharmacol 5:424-7, Jul 69
Mechanism of secretion from the adrenal medulla. V. Retention of storage vesicle membranes following release of adrenaline. Viveros OH, et al.
Molec Pharmacol 5:342-9, Jul 69
Catecholamine-secreting paraganglioma of glomus-jugulare region resembling pheochromocytoma. Levit SA, et al.
New Eng J Med 281:805-11, 9 Oct 69
[Secretion of corticosteroids after adrenal autografts in rats] Brudieux R, et al.
J Physiol (Paris) 60:Suppl 2:411, 1968 (Fre)
[Effect of ouabain and cyclic A.M.P. on the catecholamine output of the isolated adrenal gland] Poyart CF, et al.
J Physiol (Paris) 60:Suppl 2:523, 1968 (Fre)

THERAPEUTIC USE

[The protective and noxious effect of catecholamines during postinsulin hypoglycemia in rats] Korec R.
J Physiol (Paris) 60:Suppl 2:366-7, 1968 (Fre)

URINE

Hypertension in pregnancy: toxemia or pheochromocytoma? Hendee AE, et al.
Amer J Obstet Gynec 105:64-72, 1 Sep 69
Principles in the diagnosis of pheochromocytoma. Engelman K. Bull NY Acad Med 45:851-8, Sep 69
Enzymatic assay for 3,4-dihydroxymandelic acid (DOMA) in human urine, plasma, and tissues. Sato T, et al. J Lab Clin Med 74:672-81, Oct 69
Catecholamine-secreting paraganglioma of glomus-jugulare region resembling pheochromocytoma. Levit SA, et al.
New Eng J Med 281:805-11, 9 Oct 69
[Experimental animal studies of sulfonylureas on adrenal medulla and adrenal cortex] Noetzel G, et al.
Arzneimittelforschung 19:1171-7, Aug 69 (Ger)
[Aspect of hormones and hypertension] Torikai T.
J Jap Soc Intern Med 58:579-92, 10 Jul 69 (29 ref.) (Jap)
[Activity and metabolism of catecholamines in hyperthyroidism (review of the literature)] Geller LI.
Probl Endokr (Moskva) 15:108-11, Mar-Apr 69 (115 ref.) (Rus)
[Clinical assessment of electrocardiographic signs of coronary insufficiency in pheochromocytoma] Slavina LS, et al.
Probl Endokr (Moskva) 14:27-33, May-Jun 68 (Rus)

DOPA

BIOSYNTHESIS

Intracellular distribution of endogenous inhibitors of dopamine-beta-hydroxylase. Laduron P, et al.
Arch Int Physiol 76:938-9, Dec 68

DOPAMINE

Intracellular distribution of endogenous inhibitors of

dopamine-beta-hydroxylase. Laduron P, et al.
Arch Int Physiol 76:938-9, Dec 68

ANALYSIS

Brain monoamines and adrenocortical activation. De Schaepdryver A, et al.
Brit J Pharmacol 35:460-7, Mar 69
Response of neurogenic amines to aggregation and strangers. Bliss EL, et al.
J Pharmacol Exp Ther 168:258-63, Aug 69
Mechanism of secretion from the adrenal medulla. V. Retention of storage vesicle membranes following release of adrenaline. Viveros OH, et al.
Molec Pharmacol 5:342-9, Jul 69

BIOSYNTHESIS

Intracellular distribution of endogenous inhibitors of dopamine-beta-hydroxylase. Laduron P, et al.
Arch Int Physiol 76:938-9, Dec 68

BLOOD

[Catecholamine levels in the blood and adrenal glands of goats] Vandermeulen R, et al.
C R Soc Biol (Paris) 162:2051-3, May 69 (Fre)
[Dopamine, a new product of adrenal secretion] Hempel K, et al.
Naunyn Schmiedeberg Arch Pharm 263:222, 1969 (Ger)

METABOLISM

Biochemical aspects of depression. Coppen AJ.
Int Psychiat Clin 6:53-81, 1969
Response of neurogenic amines to aggregation and strangers. Bliss EL, et al.
J Pharmacol Exp Ther 168:258-63, Aug 69
Mechanism of secretion from the adrenal medulla. V. Retention of storage vesicle membranes following release of adrenaline. Viveros OH, et al.
Molec Pharmacol 5:342-9, Jul 69
Quantal secretion from adrenal medulla: all-or-none release of storage vesicle content. Viveros OH, et al.
Science 165:911-3, 29 Aug 69
[Presence of dopamine in goat adrenals] Vandermeulen R, et al.
Arch Int Physiol 76:916-8, Dec 68 (Fre)
[Catecholamine levels in the blood and adrenal glands of goats] Vandermeulen R, et al.
C R Soc Biol (Paris) 162:2051-3, May 69 (Fre)

SECRETION

[Dopamine, a new product of adrenal secretion] Hempel K, et al.
Naunyn Schmiedeberg Arch Pharm 263:222, 1969 (Ger)

EPINEPHRINE

Contrast-vasoconstrictor mixtures in angiography. Kahn PC. Amer J Roentgen 105:772-6, Apr 69
[Persistance of synapses in chromaffin cells in mitosis, during development] Grynszpan-Winograd O.
C R Acad Sci [D] (Paris) 269:348-50, 1969 (Fre)

ANALYSIS

Inhibition of insulin secretion by catecholamines in pheochromocytoma. Colwell JA.
Ann Intern Med 71:251-6, Aug 69
Mechanism of secretion from the adrenal medulla. V. Retention of storage vesicle membranes following release of adrenaline. Viveros OH, et al.
Molec Pharmacol 5:342-9, Jul 69
Influence of toxic doses of ouabain on catecholamine levels in dogs. Treece G, et al.
Proc West Pharmacol Soc 12:113-4, 1969
[Determination of adrenaline and noradrenaline in adrenal gland tissue] Shaliapina VG.
Lab Delo 4:249, 1969 (Rus)
[The effect of the adrenal cortex hormones on adrenalin synthesis in the adrenal glands of chick embryos and chicks] Stabrovskiĭ EM.
Probl Endokr (Moskva) 15:89-93, May-Jun 69 (Rus)

BIOSYNTHESIS

[Methylation of noradrenaline in dog-fish] Peyrin L.
J Physiol (Paris) 60:Suppl 2:515, 1968 (Fre)
[The influence of the adrenal cortex on adrenaline synthesis in the rat and rabbits fetus and neonate] Roffi J. J Physiol (Paris) 60:455-94, Nov-Dec 68 (Fre)
[The effect of the adrenal cortex hormones on adrenalin synthesis in the adrenal glands of chick embryos and chicks] Stabrovskiĭ EM.
Probl Endokr (Moskva) 15:89-93, May-Jun 69 (Rus)

BLOOD

Adrenal catecholamine and cortisol secretion during extracorporeal circulation in dogs. Alexander RW, et al. J Thorac Cardiovasc Surg 58:250-8, Aug 69
[Catecholaminemia in anesthesitized rats] Cession-Fossion A, et al.
Arch Int Physiol 76:806-12, Dec 68 (Fre)
[Catecholamine levels in the blood and adrenal glands of goats] Vandermeulen R, et al.
C R Soc Biol (Paris) 162:2051-3, May 69 (Fre)
[Increase of urinary vanilmandelic acid in postoperative state] Monsaingeon A, et al.
Rev Franc Etud Clin Biol 14:384-8, Apr 69 (Fre)
[Dopamine, a new product of adrenal secretion] Hempel K, et al.
Naunyn Schmiedeberg Arch Pharm 263:222, 1969 (Ger)
[Dynamics of the level of adrenaline-like substances in the blood of rabbits under the chronic effect of vinylchloride vapor] Vazin AN, et al.
Gig Tr Prof Zabol 13:46-7, Jun 69 (Rus)
[Activity and metabolism of catecholamines in hyperthyroidism (review of the literature)] Geller LI.
Probl Endokr (Moskva) 15:108-11, Mar-Apr 69 (115 ref.) (Rus)

METABOLISM

Release of adrenaline from adrenomedullary granules by chlorpromazine. Vapaatalo HI, et al.
Ann Med Exp Biol Fenn 46:233-41, 1968
Mechanism of secretion from the adrenal medulla. V. Retention of storage vesicle membranes following release of adrenaline. Viveros OH, et al.
Molec Pharmacol 5:342-9, Jul 69
[Presence of dopamine in goat adrenals] Vandermeulen R, et al.
Arch Int Physiol 76:916-8, Dec 68 (Fre)
[Catecholamine levels in the blood and adrenal glands of goats] Vandermeulen R, et al.
C R Soc Biol (Paris) 162:2051-3, May 69 (Fre)
[The adrenaline-noradrenaline relationship in the hypothalamus, the heart, and the adrenals in squirrels hibernating and in a waking state] Petrović VM, et al.
J Physiol (Paris) 60:Suppl 2:514, 1968 (Fre)

PHARMACODYNAMICS

Studies on the mechanism of induction of tyrosine aminotransferase in neonatal rat liver. Holt PG, et al.
Biochemistry (Wash) 8:1429-37, Apr 69
ACTH sensitive adenyl cyclase in bovine adrenal cortex membrane fractions. Hechter O, et al.
Life Sci 8:935-42, 1 Sep 69
Effect of demethyl sulfoxide on serum enzymes and tissues of rats given epinephrine and cortisone. Highman B, et al. Life Sci 8:673-83, 1 Jul 69
[Effects of adrenaline on gluconoegenesis in rat liver homogenate supernatant] Wohnlich J.
Bull Soc Chim Biol (Paris) 50:1849-54, 30 Jan 69 (Fre)
[New pharmacologic research on the mechanism of hypertensive action produced by intravenous potassium chloride injection in adrenalectomized dogs] Hazard R, et al.
C R Soc Biol (Paris) 162:1933-5, May 69 (Fre)
[On changes in oxygen pressure in the cortical layer of the adrenal glands in the action of various stimuli on the organism] Sheikovnikov IA.
Pat Fiziol Eksp Ter 11:26-9, Mar-Apr 67 (Rus)

POISONING

[A case of simulated pheochromocytoma] Kunkel AM.
Pol Tyg Lek 24:1091-3, Jul 69 (Pol)

SECRETION

Influence of some drugs on chlorpromazine-induced adrenaline release. Vapaatalo HI.
Ann Med Exp Biol Fenn 46:226-32, 1968

Influence of ions and some other factors on the release of adrenaline by chlorpromazine from perfused bovine adrenal glands. Vapaatalo HI.
Ann Med Exp Biol Fenn 46:217-25, 1968

Adrenal catecholamine and cortisol secretion during extracorporeal circulation in dogs. Alexander RW, et al. J Thorac Cardiovasc Surg 58:250-8, Aug 69

[The role of adrenals in regulation of carbohydrate metabolism in induced hypothermia of animals with different levels of development of thermoregulation] Danilova LIa.
Acta Biol Med German 21:625-34, 1968 (Rus)

[Dynamics of the level of adrenaline-like substances in the blood of rabbits under the chronic effect of vinylchloride vapor] Vazin AN, et al.
Gig Tr Prof Zabol 13:46-7, Jun 69 (Rus)

TOXICITY

[Focal medionecrosis and its relationship with arteriosclerosis] Fontaine R, et al.
Sem Hop Paris 45:1091-111, 8 Apr 69 (Fre)

URINE

Inhibition of insulin secretion by catecholamines in pheochromocytoma. Colwell JA.
Ann Intern Med 71:251-6, Aug 69

Biochemical aspects of depression. Coppen AJ.
Int Psychiat Clin 6:53-81, 1969

[Increase of urinary vanilmandelic acid in postoperative state] Monsaingeon A, et al.
Rev Franc Etud Clin Biol 14:384-8, Apr 69 (Fre)

[Adrenal gland function in thyrotoxicosis] Povolotskaia GM, et al.
Probl Endokr (Moskva) 15:17-22, May-Jun 69 (Rus)

[The functional status of the sympathetic-adrenal system in hypertension in adolescents] Zutler AS.
Sovet Med 31:48-52, Aug 68 (Rus)

ISOPROTERENOL

PHARMACODYNAMICS

Role of beta-adrenergic receptors in the circulatory response to hypoxia. Kontos HA, et al.
Amer J Physiol 217:756-63, Sep 69

Release of adrenaline from adrenomedullary granules by chlorpromazine. Vapaatalo HI, et al.
Ann Med Exp Biol Fenn 46:233-41, 1968

MANDELIC ACID

ANALYSIS

Enzymatic assay for 3,4-dihydroxymandelic acid (DOMA) in human urine, plasma, and tissues. Sato T, et al. J Lab Clin Med 74:672-81, Oct 69

BLOOD

Enzymatic assay for 3,4-dihydroxymandelic acid (DOMA) in human urine, plasma, and tissues. Sato T, et al. J Lab Clin Med 74:672-81, Oct 69

URINE

Principles in the diagnosis of pheochromocytoma. Engelman K. Bull NY Acad Med 45:851-8, Sep 69

Enzymatic assay for 3,4-dihydroxymandelic acid (DOMA) in human urine, plasma, and tissues. Sato T, et al. J Lab Clin Med 74:672-81, Oct 69

[Increase of urinary vanilmandelic acid in postoperative state] Monsaingeon A, et al.
Rev Franc Etud Clin Biol 14:384-8, Apr 69 (Fre)

NOREPINEPHRINE

Contrast-vasoconstrictor mixtures in angiography. Kahn PC. Amer J Roentgen 105:772-6, Apr 69

[Persistance of synapses in chromaffin cells in mitosis, during development] Grynszpan-Winograd O.
C R Acad Sci [D] (Paris) 269:348-50, 1969 (Fre)

ANALYSIS

Inhibition of insulin secretion by catecholamines in pheochromocytoma. Colwell JA.
Ann Intern Med 71:251-6, Aug 69

Effect of alpha-methyl-5-hydroxytryptophan ethyl ester upon tissue norepinephrine levels in rats and mice. Johnson GA, et al.
Biochem Pharmacol 18:1593-600, Jul 69

Brain monoamines and adrenocortical activation. De Schaepdryver A, et al.
Brit J Pharmacol 35:460-7, Mar 69

Response of neurogenic amines to aggregation and strangers. Bliss EL, et al.
J Pharmacol Exp Ther 168:258-63, Aug 69

Influence of toxic doses of ouabain on catecholamine levels in dogs. Treece G, et al.
Proc West Pharmacol Soc 12:113-4, 1969

[Isolation and properties of noradrenaline-containing granules from the adrenal medulla] Winkler H.
Naunyn Schmiedeberg Arch Pharm 263:258-9, 1969 (Ger)

[Determination of adrenaline and noradrenaline in adrenal gland tissue] Shaliapina VG.
Lab Delo 4:249, 1969 (Rus)

[The effect of the adrenal cortex hormones on adrenalin synthesis in the adrenal glands of chick embryos and chicks] Stabrovskiĭ EM.
Probl Endokr (Moskva) 15:89-93, May-Jun 69 (Rus)

BIOSYNTHESIS

Intracellular distribution of endogenous inhibitors of dopamine-beta-hydroxylase. Laduron P, et al.
Arch Int Physiol 76:938-9, Dec 68

[The influence of the adrenal cortex on adrenaline synthesis in the rat and rabbits fetus and neonate] Roffi J. J Physiol (Paris) 60:455-94, Nov-Dec 68 (Fre)

BLOOD

Adrenal catecholamine and cortisol secretion during extracorporeal circulation in dogs. Alexander RW, et al. J Thorac Cardiovasc Surg 58:250-8, Aug 69

[Catecholaminemia in anesthesitized rats] Cession-Fossion A, et al.
Arch Int Physiol 76:806-12, Dec 68 (Fre)

[Increase of urinary vanilmandelic acid in postoperative state] Monsaingeon A, et al.
Rev Franc Etud Clin Biol 14:384-8, Apr 69 (Fre)

[Dopamine, a new product of adrenal secretion] Hempel K, et al.
Naunyn Schmiedeberg Arch Pharm 263:222, 1969 (Ger)

[Activity and metabolism of catecholamines in hyperthyroidism (review of the literature)] Geller LI.
Probl Endokr (Moskva) 15:108-11, Mar-Apr 69 (115 ref.) (Rus)

DIAGNOSTIC USE

Testing in hypertension. Mendlowitz M, et al.
Israel J Med Sci 5:605-7, Jul-Aug 69

METABOLISM

Effect of alpha-methyl-5-hydroxytryptophan ethyl ester upon tissue norepinephrine levels in rats and mice. Johnson GA, et al.
Biochem Pharmacol 18:1593-600, Jul 69

Metabolism of catecholamines--identification and quantification of 3-methoxy-4-hydroxyphenylglycol glucuronide in human urine. Shimizu H, et al.
Biochem Pharmacol 18:1643-54, Jul 69

Biochemical aspects of depression. Coppen AJ.
Int Psychiat Clin 6:53-81, 1969

Response of neurogenic amines to aggregation and strangers. Bliss EL, et al.
J Pharmacol Exp Ther 168:258-63, Aug 69

[Presence of dopamine in goat adrenals] Vandermeulen R, et al.
Arch Int Physiol 76:916-8, Dec 68 (Fre)

[Catecholamine levels in the blood and adrenal glands of goats] Vandermeulen R, et al.
C R Soc Biol (Paris) 162:2051-3, May 69 (Fre)

[The adrenaline-noradrenaline relationship in the hypothalamus, the heart, and the adrenals in squirrels hibernating and in a waking state] Petrović VM, et al.
J Physiol (Paris) 60:Suppl 2:514, 1968 (Fre)

[Methylation of noradrenaline in dog-fish] Peyrin L. J Physiol (Paris) 60:Suppl 2:515, 1968 (Fre)

PHARMACODYNAMICS

Functional capacity of resistance and capacitance vessels in adrenal insufficiency. Verrier RL, et al. Amer J Physiol 217:341-7, Aug 69
Analysis of pressor response of the guinea-pig to nicotinic acid. Abdel-Aziz A, et al. Arch Int Pharmacodyn 177:253-60, Feb 69

SECRETION

Adrenal catecholamine and cortisol secretion during extracorporeal circulation in dogs. Alexander RW, et al. J Thorac Cardiovasc Surg 58:250-8, Aug 69
Catecholamine-secreting paraganglioma of glomus-jugulare region resembling pheochromocytoma. Levit SA, et al. New Eng J Med 281:805-11, 9 Oct 69

URINE

Inhibition of insulin secretion by catecholamines in pheochromocytoma. Colwell JA. Ann Intern Med 71:251-6, Aug 69
Biochemical aspects of depression. Coppen AJ. Int Psychiat Clin 6:53-81, 1969
[Increase of urinary vanillmandelic acid in postoperative state] Monsaingeon A, et al. Rev Franc Etud Clin Biol 14:384-8, Apr 69 (Fre)
[The functional status of the sympathetic-adrenal system in hypertension in adolescents] Zutler AS. Sovet Med 31:48-52, Aug 68 (Rus)

PHEOCHROMOCYTOMA

The Jeremiah Metzger Lecture. Clinical and climatological observations on hypertension. Wilkins RW. Trans Amer Clin Climat Ass 80:166-78, 1969
[Diagnostic and therapeutic aspects of pheochromocytoma] Gilboa Y. Dapim Refuiim 27:284-7, Dec 68 (Heb)
[New endocrine disorders attracting current interest--adrenal system] Miura K, et al. Clin Endocr (Tokyo) 17:407-21, May 69 (130 ref.) (Jap)

BLOOD

[Pheochromocytoma with unusual cardiac arrhythmias and their treatment with alpha-and beta-receptor-blocking agents] Bucher HW, et al. Schweiz Med Wschr 99:956-60, 28 Jun 69 (Ger)

COMPLICATIONS

Hypertension in pregnancy: toxemia or pheochromocytoma? Hendee AE, et al. Amer J Obstet Gynec 105:64-72, 1 Sep 69
Reversible malignant hypertension due to pheochromocytoma. A case report. Verma NP, et al. Indian J Med Sci 23:311-3, Jun 69
Reversible cardiomyopathy with pheochromocytoma. Wiswell JG, et al. Trans Amer Clin Climat Ass 80:185-95, 1969
[Pheochromocytoma with unusual cardiac arrhythmias and their treatment with alpha-and beta-receptor-blocking agents] Bucher HW, et al. Schweiz Med Wschr 99:956-60, 28 Jun 69 (Ger)
[The hypertensive crisis] Cagli V. Policlinico [Prat] 74:1649-60, 4 Dec 67 (54 ref.) (Ita)
[Aspect of hormones and hypertension] Torikai T. J Jap Soc Intern Med 58:579-92, 10 Jul 69 (29 ref.) (Jap)
[Significance of abdominal aortography in the diagnosis of symptomatic hypertension of extrarenal origin] Rabkin IKh, et al. Kardiologiia 9:83-8, May 69 (Rus)
[Neurofibromatosis and pheochromocytoma] Galera H, et al. Rev Clin Esp 111:165-8, 31 Oct 68 (Spa)
[Sipple's syndrome] Rev Clin Esp 113:185-6, 30 Apr 69 (Spa)

DIAGNOSIS

Hypertension in pregnancy: toxemia or pheochromocytoma? Hendee AE, et al. Amer J Obstet Gynec 105:64-72, 1 Sep 69
Hypertension. 2. Investigation of the hypertensive patient. Baitz T, et al. Appl Ther 11:204-7, Apr 69
Principles in the diagnosis of pheochromocytoma. Engelman K. Bull NY Acad Med 45:851-8, Sep 69
Catecholamine-secreting paraganglioma of glomus-jugulare region resembling pheochromocytoma. Levit SA, et al. New Eng J Med 281:805-11, 9 Oct 69
[Diagnostic and therapeutic aspects of pheochromocytoma] Gilboa Y. Dapim Refuiim 27:284-7, Dec 68 (Heb)
[Preoperatively diagnosed case of pheochromocytoma] Kondo A, et al. Jap J Clin Med 27:1499-505, May 69 (Jap)
[A case of simulated pheochromocytoma] Kunkel AM. Pol Tyg Lek 24:1091-3, Jul 69 (Pol)
[A special method of examining patients with arterial hypertension] Ratner GL, et al. Kardiologiia 8:120-5, Sep 68 (Rus)
[Neurofibromatosis and pheochromocytoma] Galera H, et al. Rev Clin Esp 111:165-8, 31 Oct 68 (Spa)

ENZYMOLOGY

Production of antibodies to catechol-O-methyltransferase (EC 2.1.1.6) of rat liver. Assicot M, et al. Biochem Pharmacol 18:1893-8, Aug 69

METABOLISM

Inhibition of insulin secretion by catecholamines in pheochromocytoma. Colwell JA. Ann Intern Med 71:251-6, Aug 69
Pheochromocytoma and insulin. Colwell JA. Ann Intern Med 71:668-9, Sep 69

PATHOLOGY

Reversible cardiomyopathy with pheochromocytoma. Wiswell JG, et al. Trans Amer Clin Climat Ass 80:185-95, 1969
An electron microscopic study of the human adrenal medulla and pheochromocytoma. Yokoyama M, et al. Urol Int 24:79-95, 1969
[On the pathology of the adrenal gland] Propst A. Wien Klin Wschr 81:481-5, 27 Jun 69 (Ger)

PHYSIOPATHOLOGY

[On the pathology of the adrenal gland] Propst A. Wien Klin Wschr 81:481-5, 27 Jun 69 (Ger)
[Clinical assessment of electrocardiographic signs of coronary insufficiency in pheochromocytoma] Slavina LS, et al. Probl Endokr (Moskva) 14:27-33, May-Jun 68 (Rus)

RADIOGRAPHY

Epinephro-phlebography of benign tumours. Mikaelsson CG. Acta Radiol [Diagn] (Stockholm) 8:129-45, Mar 69
[The arteriography of pheochromocytoma] Rev Clin Esp 113:541-2, 30 Jun 69 (Spa)

SURGERY

Some recent advances in endocrine surgery. Egdahl RH. Amer J Surg 118:363-7, Sep 69 (33 ref.)
Inhibition of insulin secretion by catecholamines in pheochromocytoma. Colwell JA. Ann Intern Med 71:251-6, Aug 69
[Pheochromocytoma with unusual cardiac arrhythmias and their treatment with alpha-and beta-receptor-blocking agents] Bucher HW, et al. Schweiz Med Wschr 99:956-60, 28 Jun 69 (Ger)
[Diagnostic and therapeutic aspects of pheochromocytoma] Gilboa Y. Dapim Refuiim 27:284-7, Dec 68 (Heb)
[The use of NLA, type II, in the surgical treatment of pheochromocytoma] Simone M, et al. Acta Anaesth (Padova) 19:Suppl 4:233+, 1968 (Ita)
[Preoperatively diagnosed case of pheochromocytoma] Kondo A, et al. Jap J Clin Med 27:1499-505, May 69 (Jap)
[A case of pheochromocytoma operated on in emergency under neuroleptoanalgesia type II (NLA II)] Kaniak J, et al. Pol Tyg Lek 24:602-3, 21 Apr 69 (Pol)
[Clinical assessment of electrocardiographic signs of coronary insufficiency in pheochromocytoma] Slavina LS, et al. Probl Endokr (Moskva) 14:27-33, May-Jun 68 (Rus)

URINE

Metabolism of catecholamines--identification and quantification of 3-methoxy-4-hydroxyphenylglycol glucuronide in human urine. Shimizu H, et al. Biochem Pharmacol 18:1643-54, Jul 69

Testing in hypertension. Mendlowitz M, et al. Israel J Med Sci 5:605-7, Jul-Aug 69

VANILMANDELIC ACID

URINE

Hypertension in pregnancy: toxemia or pheochromocytoma? Hendee AE, et al. Amer J Obstet Gynec 105:64-72, 1 Sep 69

Principles in the diagnosis of pheochromocytoma. Engelman K. Bull NY Acad Med 45:851-8, Sep 69

[Increase of urinary vanilmandelic acid in postoperative state] Monsaingeon A, et al. Rev Franc Etud Clin Biol 14:384-8, Apr 69 (Fre)

Decreased 17-hydroxycorticosteroid and VMA excretion during sleep following glutethimide administration in man. Rubin RT et al.
Life Sci 8:959-64, Sep 69

GONADS

I. Physical and Functional Aspects

GONADS

ABNORMALITIES

[Action of diethylstilbestrol on the hybrid from the crossBarbariedrake x Khaki Campbellduck] Lutz-Ostertag Y.
C R Acad Sci [D] (Paris) 268:3115-8, 23 Jun 69 (Fre)

CYTOLOGY

[The transfer of turkey primordial germ cells to chick embryos by intravascular injection] Reynaud G.
J Embryol Exp Morph 21:485-507, Jun 69 (Fre)
[Ultrastructural aspects of the innervation of the gonads in the starfish Asterina gibbosa P] Bruslé J.
Z Zellforsch 98:88-98, 1969 (Fre)

DRUG EFFECTS

Effect of carbaryl on the neuroendocrine system of rats. Shtenberg AI, et al.
Food Cosmet Toxic 6:461-7, Dec 68
Studies on the structure and ultrastructure of the intact and "methallibure" -treated meso-adenohypophysis of the viviparous teleost Cymatogaster aggregata Gibbons. Leatherland JF.
Z Zellforsch 98:122-34, 1969
[The differential sensitivity of a human malignant tumor and embryonic gonads, in organ culture in vitro, to an alkylating substance, Melphalan] Pageot-Simpson P, et al.
C R Acad Sci [D] (Paris) 268:2997-3000, 16 Jun 69 (Fre)
[Endocrinologic research] Bettendorf G.
Arch Gynaek 207:383-9, 1969 (Ger)

EMBRYOLOGY

Development of endocrine function in the human placenta and fetus (second of two parts). Villee DB.
New Eng J Med 281:533-41, 4 Sep 69 (63 ref.)
Hormonal influences on genetic expression as demonstrated in organ culture studies of reproductive ducts of fetal guinea pigs. Price D, et al.
Proc Kon Nederl Akad Wet [Biol Med] 72:370-84, 1969
[Excretory properties of the germinative epithelium of the chick embryo: structural and autoradiographic study with the electric microscope] Cuminge D, et al.
C R Acad Sci [D] (Paris) 269:74-7, 7 Jul 69 (Fre)
[The differential sensitivity of a human malignant tumor and embryonic gonads, in organ culture in vitro, to an alkylating substance, Melphalan] Pageot-Simpson P, et al.
C R Acad Sci [D] (Paris) 268:2997-3000, 16 Jun 69 (Fre)
[Regulation phenomena in populations of turkey primordial gonocytes injected in sterilized chick embryos] Reynaud G.
C R Acad Sci [D] (Paris) 268:2275-8, 5 May 69 (Fre)
[Hormonal activity of the gonads of hypophysectomized chick embryos] Akram H, et al.
J Embryol Exp Morph 21:509-15, Jun 69 (Fre)
[The transfer of turkey primordial germ cells to chick embryos by intravascular injection] Reynaud G.
J Embryol Exp Morph 21:485-507, Jun 69 (Fre)

GROWTH & DEVELOPMENT

Circadian rhythmicity in photoperiodically induced gonadotrophin release and gonadal growth in the quail. Follett BK, et al.
Nature (London) 223:968-71, 30 Aug 69
The role of the hypothalamus in hormonal sex differentiation. Hyyppä M.
Rev Roum Physiol 5:289-99, 1968

INNERVATION

[Ultrastructural aspects of the innervation of the gonads in the starfish Asterina gibbosa P] Bruslé J.
Z Zellforsch 98:88-98, 1969 (Fre)

PATHOLOGY

Cytogenetical analysis of an ovine male pseudohermaphrodite and the possible role of the Y chromosome in cryptorchidism of sheep. Bruère AN, et al. Cytogenetics (Basel) 8:148-57, 1969
[Classification of intersexuality] Boczkowski K.
Ginek Pol 40:938-46, Aug 69 (Pol)
[True hermaphroditism with characteristics of Klinefelter's syndrome] Pardini H, et al.
Arq Brasil Endocr 16:191-9, Dec 67 (Por)

PHYSIOLOGY

Effect of endocrines on central nervous system. II. Relkin R.
New York J Med 69:2248-65, 15 Aug 69 (279 ref.)
On the mechanism of sexual differentiation of the rat hypothalamus. Flerkó B, et al.
Rass Neurol Veg 21:85-98, 30 Apr 67
[Contribution to the knowledge of the correlations between the olfactory bulbs and the neuroendocrine system. II. Histomorphological changes of the hypothalamo-neurophyophysial system and of some endocrine glands of the rat exposed to removal of the olfactory bulbs in the prepuberal period] Tessitore V, et al. Boll Soc Ital Biol Sper 44:1804-7, 15 Nov 68 (Ita)
[Biorhythms in clinical and experimental endocrinology. Introduction] Lunedei A.
Rass Neurol Veg 21:3-8, 30 Apr 67 (Ita)
[Sexual differentiation of the hypothalamus (review of the literature)] Babichev VN.
Probl Endokr (Moskva) 15:120-4, May-Jun 69 (48 ref.) (Rus)
[Early steroid regulation of sexual differentiation of the brain (review of the literature)] Vunder PA.
Probl Endokr (Moskva) 15:114-20, May-Jun 69 (53 ref.) (Rus)

RADIATION EFFECTS

Sterility due to radioactive phosphorus in mice: a study of ovarian compensatory hypertrophy. Holmberg EA, et al. Acta Endocr (Kobenhavn) 62:133-46, Sep 69
[Regulation phenomena in populations of turkey primordial gonocytes injected in sterilized chick embryos] Reynaud G.
C R Acad Sci [D] (Paris) 268:2275-8, 5 May 69 (Fre)
[Population genetic significance of the current radiation exposure by radiodiagnostics] Becker HW, et al.
Z Aerztl Fortbild (Jena) 63:465-74, 1 May 69 (82 ref.) (Ger)

SECRETION

[Hormonal activity of the gonads of

hypophysectomized chick embryos] Akram H, et al.
J Embryol Exp Morph 21:509-15, Jun 69 (Fre)

SURGERY

[The effect of gonadectomy and of testosterone propionate administration on biosynthesis of cytoplasmatic RNA fractions in rat liver] Tishenina RS, et al.
Probl Endokr (Moskva) 14:64-8, Jul-Aug 68 (Rus)

GONADS

Ovary

CORPUS LUTEUM

Further studies of the deep freezing of rabbit spermatozoa in reconstituted skim milk powder. O'Shea T, et al. Aust J Biol Sci 22:709-19, Jun 69

The influence of nutrition during post-lactational oestrus on ovulation rate in the sow and the accuracy of corpora lutea counts in estimating ovulations. Hardy B, et al. J Reprod Fertil 19:555-7, Aug 69

Ovarian bloodflow in sheep during the oestrous cycle. Mattner PE, et al. J Reprod Fertil 19:547-9, Aug 69

[Luteinizing action of a folliculostimulating preparation (FSH) in mature rats] Aron C, et al. C R Acad Sci [D] (Paris) 268:830-3, 3 Feb 69 (Fre)

[Advances and problems of prolactin measurement] Fujii K.
Clin Endocr (Tokyo) 17:239-43, Apr 69 (17 ref.) (Jap)

ANALYSIS

Fertilization and embryonic survival in dairy cattle. Boyd H, et al. Brit Vet J 125:87-97, Feb 69

The isolation of retinal from the bovine corpus luteum. Austern BM, et al. J Reprod Fertil 19:203-5, Jun 69

Relaxing activity during the oestrous cycle of the marsupial, Trichosurus vulpecula (Kerr). Tyndale-Biscoe CH. J Reprod Fertil 19:191-3, Jun 69

[Experimental studies of new corpus luteum steroids] Lange-Sundermann K.
Arzneimittelforschung 19:756-61, May 69 (Ger)

[Conversion of 14C-4-17-beta-estradiol to 14C-4-estrone in the ovary during the sexual cycle] Jakowicki J, et al.
Ginek Pol 40:669-75, Jun 69 (Pol)

ANATOMY & HISTOLOGY

Structural luteolysis of induced corpora lutea in "androgen-sterilized" rats. Malven PV, et al.
Anat Rec 165:55-60, Sep 69

Reversal by gonadotrophins of the luteolytic effect of oestrogen in the cyclic guinea-pig. Choudary JB, et al.
J Reprod Fertil 19:503-10, Aug 69

[Luteinization and corpus luteum formation (comparative studies with findings in animals)] Uyttenbroeck F, et al.
Verh Kon Vlaam Acad Geneesk Belg 31:56-85, 1969 (Dut)

CYTOLOGY

Electron microscope study on the human lutein cell with special reference to its secretory activity. Motta P. Z Zellforsch 98:233-45, 1969

DRUG EFFECTS

Effect of oestradiol benzoate on corpora lutea in rats bearing pituitary autografts. Stolzenberg SJ, et al.
Acta Endocr (Kobenhavn) 60:184-98, Feb 69

Structural luteolysis of induced corpora lutea in "androgen-sterilized" rats. Malven PV, et al.
Anat Rec 165:55-60, Sep 69

The effect of 0.5 mg lynestrenol on the follicle stimulating hormone, luteinizing hormone, oestrogen and pregnanediol excretion during the menstrual cycle. Schmidt-Elmendorff H, et al.
Arzneimittelforschung 19:1277-9, Aug 69

Effect of ergocornine on the luteal 20alpha-hydroxysteroid dehydrogenase in pseudopregnant and pregnant rats. Turolla E, et al.
Experientia 25:415-6, 15 Apr 69

Effect of carbaryl on the neuroendocrine system of rats. Shtenberg AI, et al.
Food Cosmet Toxic 6:461-7, Dec 68

Reversal by gonadotrophins of the luteolytic effect of oestrogen in the cyclic guinea-pig. Choudary JB, et al.
J Reprod Fertil 19:503-10, Aug 69

The effects oICI 33828 and progesterone on oestrogen-maintained corpora lutea in the sow. Garbers DL, et al. J Reprod Fertil 19:541-4, Aug 69

Partial defeminization by administration of androstenedione to neonatal female rats. Luttge WG, et al. Life Sci 8:1003-8, 1 Sep 69

ENZYMOLOGY

Induction of 20alpha-hydroxysteroid dehydrogenase in rat corpora lutea by pharmacological blockade of pituitary prolactin secretion. Lamprecht SA, et al.
Biochim Biophys Acta 187:133-43, 29 Jul 69

Effect of ergocornine on the luteal 20alpha-hydroxysteroid dehydrogenase in pseudopregnant and pregnant rats. Turolla E, et al.
Experientia 25:415-6, 15 Apr 69

Steroid metabolism by badger (Taxidea taxus) ovarian tissue homogenates. Fevold HR, et al.
Gen Comp Endocr 13:60-7, Aug 69

Histochemical studies on N-acetyl-beta-galactosaminidase in the ovary of sexually mature women. Sato K.
Tohoku J Exp Med 98:75-9, May 69

[Metabolic processes in the ovary with regard to follicular ripening and ovulation] Jung G.
Arch Gynaek 207:124-35, 1969 (Ger)

[Aminopeptidases and other enzymes in the human ovary] Unbehaun V, et al.
Arch Gynaek 207:53, 1969 (Ger)

[Histochemical and biochemical study of the activity of 3-beta-hydroxysteroid dehydrogenase in the ovary of normal adult women] Mori T.
J Jap Obstet Gynec Soc 21:227-34, Mar 69 (Jap)

METABOLISM

Ovarian physiology: relationship between plasma LH and steroidogenesis by the follicle and corpus luteum; effect of HCG. Strott CA, et al.
J Clin Endocr 29:1157-67, Sep 69

Peripheral plasma progesterone levels during the bovine oestrous cycle. Stabenfeldt GH, et al.
J Reprod Fertil 19:433-42, Aug 69

PATHOLOGY

Comparative study of ovarian hypertrophy and estral cycle in rats with two different mesencephalic lesions. Griñó E, et al. J Neurovisc Relat 31:76-85, 1968

[Morphological characteristics of the corpus luteum in prolonged pregnancy] Stepanova PA.
Akush Ginek (Moskva) 43:69-70, Oct 67 (Rus)

PHYSIOLOGY

Effect of oestradiol benzoate on corpora lutea in rats bearing pituitary autografts. Stolzenberg SJ, et al.
Acta Endocr (Kobenhavn) 60:184-98, Feb 69

Ovarian changes and systemic plasma progesterone in the post-parturient cow. Munro IB.
Vet Rec 85:271, 6 Sep 69

PHYSIOPATHOLOGY

[Luteinization and corpus luteum formation (comparative studies with findings in animals)] Uyttenbroeck F, et al.
Verh Kon Vlaam Acad Geneesk Belg 31:56-85, 1969 (Dut)

SECRETION

Secretion of progesterone and 20alpha-dihydroprogesterone by corpora lutea and interstitial tissue of pregnant rabbits. Endo H, et al.
J Endocr 44:455-6, Jul 69

Electron microscope study on the human lutein cell with special reference to its secretory activity. Motta P. Z Zellforsch 98:233-45, 1969

SURGERY

[Cases of agalactia in cows after enucleation of the corpus luteum] Kamardin MI.
Veterinariia 44:102, May 67 (Rus)

GRAAFIAN FOLLICLE

[The central stimuli for follicular ripening and ovulation] Buchholz R.
Arch Gynaek 207:107-23, 1969 (132 ref.) (Ger)

[Metabolic processes in the ovary with regard to follicular ripening and ovulation] Jung G.
Arch Gynaek 207:124-35, 1969 (Ger)

[Oocyte degeneration in the zebrafish, Brachydanio rerio, in vitro] Korfsmeier KH.
Z Zellforsch 98:99-105, 1969 (Ger)

ANALYSIS

The distribution and properties of IgM in some body fluids of sheep. Jonas WE. Res Vet Sci 10:83-92, Jan 69

[Participation of ascorbic acid in ovulation] Paeschke KD. Arch Gynaek 207:54-5, 1969 (Ger)

CYTOLOGY

Follicle growth in the immature mouse ovary. Pedersen T. Acta Endocr (Kobenhavn) 62:117-32, Sep 69

The structure and formation of the egg membranes in Nasonia vitripennis (Walker) (Hymenoptera, Pteromalidae). Richards JG. J Micr 89:43-53, 1969

[Ultrastructural cytology of the end of heterotypic mitosis provoked by coitus and gonadotropins in rabbits] Moricard R, et al.
C R Acad Sci [D] (Paris) 268:2458-61, 19 May 69 (Fre)

[Relationship between the follicle cells and the ovocyte at the beginning of atresia in Triturus helveticus Ras] Humeau C, et al.
C R Soc Biol (Paris) 162:2181-4, 1968 (Fre)

DRUG EFFECTS

[Hypophysectomy at the beginning of the estral cycle in rats; reestablishment of vaginal estrus and aptitude to ovulation by pituitary gonadotrophins] Acker G, et al. C R Acad Sci [D] (Paris) 268:2934-7, 16 Jun 69 (Fre)

[Luteinizing action of a folliculostimulating preparation (FSH) in mature rats] Aron C, et al.
C R Acad Sci [D] (Paris) 268:830-3, 3 Feb 69 (Fre)

[Endogenous and exogenous influences on the ovarian function and embryonal development] Smidt D.
Arch Gynaek 207:155-64, 1969 (Ger)

ENZYMOLOGY

Histochemical studies on N-acetyl-beta-galactosaminidase in the ovary of sexually mature women. Sato K.
Tohoku J Exp Med 98:75-9, May 69

[Metabolic processes in the ovary with regard to follicular ripening and ovulation] Jung G.
Arch Gynaek 207:124-35, 1969 (Ger)

[Histochemistry. Applicability of histochemical methods in gynecology] Schmidt-Matthiesen H.
Arch Gynaek 207:362-9, 1969 (Ger)

GROWTH & DEVELOPMENT

Follicle growth in the immature mouse ovary. Pedersen T. Acta Endocr (Kobenhavn) 62:117-32, Sep 69

[Relationship between the follicle cells and the ovocyte at the beginning of atresia in Triturus helveticus Ras] Humeau C, et al.
C R Soc Biol (Paris) 162:2181-4, 1968 (Fre)

[Principles of the ovulation phenomenon] Iizuka R, et al. Sanfujin Jissai 18:294-300, Apr 69 (42 ref.) (Jap)

IMMUNOLOGY

[Antigenic properties of the ovary. Their demonstration in ovarian tissue, follicular fluid and cervical mucus] Hervé R, et al.
Presse Med 76:2421-4, 25 Dec 68 (Fre)

METABOLISM

The uptake of tritiated uridine and phenylalanine by the ovaries of rats and monkeys. Baker TG, et al.
J Cell Sci 4:655-75, May 69

Peripheral plasma progesterone levels during the bovine oestrous cycle. Stabenfeldt GH, et al.
J Reprod Fertil 19:433-42, Aug 69

PATHOLOGY

The naphthylamidase reaction as a diagnostic tool for the demonstration of cellular injury and autophagy. Niemi M, et al. Histochemie 18:40-7, 17 Apr 69

Comparative pathology of ovarian neoplasms. II. Gonadal stromal tumors of bovine species. Norris HJ, et al. Path Vet (Basel) 6:45-58, 1969

PHYSIOLOGY

[Principles of the ovulation phenomenon] Iizuka R, et al. Sanfujin Jissai 18:294-300, Apr 69 (42 ref.) (Jap)

PHYSIOPATHOLOGY

[Principles of the ovulation phenomenon] Iizuka R, et al. Sanfujin Jissai 18:294-300, Apr 69 (42 ref.) (Jap)

OVARY

The phosphorylation of thymidine by oocytes and eggs of Xenopus laevis Daudin. Woodland HR.
Biochim Biophys Acta 186:1-12, 22 Jul 69

Effects of hypothalamic and amygdaloid lesions on development and growth of carcinogen-induced mammary tumors in the female rat. Welsch CW, et al.
Cancer Res 29:1541-9, Aug 69

Some opinions on causal relationship between chorioepithelioma and endocrine milieu. Akasu F, et al. Endocr Jap 16:205-10, Feb 69

Electrom microscopic study of the anencephalic adenohypophysis with reference to the adrenocorticotrophs and their correlation with the functional differentiation of the hypothalamus during the foetal life. Hatakeyama S.
Endocr Jap 16:187-203, Feb 69

Causal relationship between luteinizing hormone release and estrogen secretion in the rat. Kobayashi F, et al. Endocr Jap 16:261-7, Apr 69

Persistence of sexual behavior in ovariectomized-adrenalectomized rabbits treated with cortisol. Beyer C, et al.
Endocrinology 85:790-3, Oct 69

Follicle-stimulating hormone content of the pituitary gland before implantation in the mouse and rat. Bindon BM. J Endocr 44:349-56, Jul 69

Ribonucleic acid synthesis of vesicular stomatitis virus. I. Species of ribonucleic acid found in Chinese hamster ovary cells infected with plaque-forming and defective particles. Stampfer M, et al.
J Virol 4:154-61, Aug 69

Occurrence of N2,N2,7-trimethylguanosine in minor RNA species of a mammalian cell line. Saponara AG, et al. Nature (London) 223:1365-6, 27 Sep 69

Ovarian ectopic pregnancy. Lart J.
Proc Roy Soc Med 62:835, Aug 69

[Modifications of the genital apparatus in female guinea pigs after stereotaxic lesions of the anterior hypothalamus] Poulain P.
C R Soc Biol (Paris) 162:1943-5, May 69 (Fre)

[Relationship between the hypothalamus and the limbic system, with special reference to its dynamics in feedback mechanism] Iizuka R, et al.
Clin Endocr (Tokyo) 17:427-35, May 69 (Jap)

[The principles and limintations of surgical treatment of cancer of the breast] Kholdin SA.
Vop Onkol 15:10-6, 1969 (Rus)

ABNORMALITIES

[Action of diethylstilbestrol on the hybrid from the crossBarbariedrake x Khaki Campbellduck] Lutz-Ostertag Y.
C R Acad Sci [D] (Paris) 268:3115-8, 23 Jun 69 (Fre)

[Action of parathion on the development of quail embryo] Lutz-Ostertag Y, et al.
C R Acad Sci [D] (Paris) 268:2911-3, 16 Jun 69 (Fre)

[Clinical and biochemical studies in a female patient with mixed gonadal dysgenesis] Zimprich H.
Wien Klin Wschr 81:475-8 passim, 20 Jun 69 (Ger)

ANALYSIS

Persisting high level of transmitter in uterine short adrenergic neurons following prolonged treatment with 17 beta-oestradiol. Falck B, et al.
Acta Endocr (Kobenhavn) 62:77-81, Sep 69

The ovarian ascorbic acid depletion test for luteinizing hormone. Lack of specificity. Koed HJ, et al.
Acta Endocr (Kobenhavn) 59:629-35, Dec 68

Rare earths in the human body. I. Yttrium. Erämetsä O, et al. Ann Med Exp Biol Fenn 46:179-84, 1968

Fate of exogenous marinobufagin-3H in Bufo marinus. Osuch MV, et al. Biochem Pharmacol 18:1803-8, Aug 69

Microfluorometric determination of 4-pregnen-20alpha-ol-3-one separated from rat ovarian venous blood and ovary by divided thin layer chromatography. Hirai M, et al.
Endocr Jap 16:55-68, Feb 69

Ovarian secretion of progesterone and 20alpha-hydroxypregn-4-en-3-one during rat estrous cycle in chronological relation to pituitary release of luteinizing hormone. Uchida K, et al.
Endocr Jap 16:227-37, Apr 69

Effect of prolactin and 5-bromo-2-thienyl-ethyl ketone thiosemicarbazone on ovarian progestin levels in the rat. Mason NR, et al. Endocrinology 85:831-6, Nov 69

Steroid metabolism by badger (Taxidea taxus) ovarian tissue homogenates. Fevold HR, et al.
Gen Comp Endocr 13:60-7, Aug 69

[Participation of ascorbic acid in ovulation] Paeschke KD. Arch Gynaek 207:54-5, 1969 (Ger)

[Study of the effect of gonadotropin on the dynamics of ovarian nucleic acids using spectrophotometry] Mori T. J Jap Obstet Gynec Soc 21:357-63, Apr 69 (Jap)

[Determination of heavy water in tissues by infrared spectra] Kuksina VN, et al.
Lab Delo 5:303-4, 1967 (Rus)

[Age changes in the content of manganese, cobalt, copper, zinc and iron in the endocrine glands of women] Ataullakhanov IA.
Probl Endokr (Moskva) 15:98-102, Mar-Apr 69 (Rus)

[Lipids in the tissue of the ovary in Stein-Leventhal syndrome] Bronitein ME.
Probl Endokr (Moskva) 15:33-8, Jan-Feb 69 (Rus)

ANATOMY & HISTOLOGY

Follicle stimulating hormone-like activity in human chorionic gonadotrophin preparations. Robyn C, et al.
Acta Endocr (Kobenhavn) 60:137-56, Jan 69

Structural luteolysis of induced corpora lutea in "androgen-sterilized" rats. Malven PV, et al.
Anat Rec 165:55-60, Sep 69

Dissociation of reproductive physiology and behavior induced by neonatal treatment with steroids. Thomas TR, et al. Endocrinology 85:781-4, Oct 69

[Comparison with Steelman and Pohley's weight gain test of a new method of determining folliculostimulin (FSH)] Roos J, et al.
C R Soc Biol (Paris) 162:2244-9, 1968 (Fre)

[Biologic effects of an urinary anti-gonadotropic factor] Berthelay S, et al.
J Physiol (Paris) 60:Suppl 2:401, 1968 (Fre)

[The urogenital system of Typhlops vermicularis Merrem (1820)] Heyder G.
Gegenbaur Morph Jahrb 112:594-605, 1968 (Ger)

[Routes of lymph flow from the minor pelvic organs in fetuses, newborn infants and children] Oleneva EN.
Akush Ginek (Moskva) 43:23-6, Apr 67 (Rus)

[The effect of destruction and stimulation of the paraventricular and supraoptical nuclei of the hypothalamus on the sensitivity of rat ovaries to gonadotropin, estrogens, androgens and progesterone] Myslitskiĭ VF.
Probl Endokr (Moskva) 15:72-6, May-Jun 69 (Rus)

[Early steroid regulation of sexual differentiation of the brain (review of the literature)] Vunder PA.
Probl Endokr (Moskva) 15:114-20, May-Jun 69 (53 ref.) (Rus)

BLOOD SUPPLY

Concentration of luteinizing and follicle-stimulating hormones in peripheral and ovarian venous plasma. Lierena LA, et al. J Clin Endocr 29:1083-9, Aug 69

Secretion of progesterone and 20alpha-dihydroprogesterone by corpora lutea and interstitial tissue of pregnant rabbits. Endo H, et al.
J Endocr 44:455-6, Jul 69

Ovarian bloodflow in sheep during the oestrous cycle. Mattner PE, et al. J Reprod Fertil 19:547-9, Aug 69

Bilateral ureteral obstruction secondary to enlarged ovarian veins. Poise S, et al. J Urol 102:305-7, Sep 69

Renin-like pressor material in ovarian venous blood of pregnant rabbits. Oda M, et al.
Tohoku J Exp Med 97:311-5, Apr 69

[The anatomo-clinical forms of disease of the right ureter. The syndrome of compression of the right ureter by an ovarian vein with aberrant course or by fibrous and fibro-vascular adhesions] Blum E.
Ann Chir 21:1057-63, Aug-Sep 67 (Fre)

[Changes of the ovarian and uterine blood vessels following administration of progestational substances] Berge BS ten.
Arch Gynaek 207:52-3, 1969 (Ger)

CYTOLOGY

Follicle growth in the immature mouse ovary. Pedersen T. Acta Endocr (Kobenhavn) 62:117-32, Sep 69

The ultrastructure of granulose cells in the newborn rabbit ovary. Gondos B. Anat Rec 165:67-77, Sep 69

Chromosomal nondisjunction: the action of colcemid on Chinese hamster cells in vitro. Cox DM, et al.
Cytogenetics (Basel) 8:158-69, 1969

Developmental cell dynamics in the hypothalamus, the anterior pituitary and the ovary of the rat. Nakai T, et al. Endocr Jap 16:379-82, Jun 69

The effect of luteinizing hormone and adenosine 3',5'-monophosphate on progesterone biosynthesis by bovine granulosa cells in culture. Cirillo VJ, et al.
Exp Cell Res 57:139-42, Sep 69

Differentiation of the surface epithelium of the hamster ovary. An electron microscopic study. Weakley BS. J Anat 105:129-47, Jul 69

Extra-chromosomal DNA in early stages of oogenesis in Acheta domesticus. Cave MD, et al.
J Cell Sci 4:593-609, May 69

Continuities between mitochondria and endoplasmic reticulum in the mammalian ovary. Ruby JR, et al.
Z Zellforsch 97:30-7, 1969

[Ultrastructural cytology of the end of heterotypic mitosis provoked by coitus and gonadotropins in rabbits] Moricard R, et al.
C R Acad Sci [D] (Paris) 268:2458-61, 19 May 69 (Fre)

[The differential sensitivity of a human malignant tumor and embryonic gonads, in organ culture in vitro, to an alkylating substance, Melphalan] Pageot-Simpson P, et al.
C R Acad Sci [D] (Paris) 268:2997-3000, 16 Jun 69 (Fre)

[Intercellular communications in the ovarioles of Dytiscus marginalis L] Steinert G, et al.
J Embryol Exp Morph 22:45-54, Aug 69 (Fre)

[Sex chromatin in ovarian tumors] Egawa J.
Endocr Jap 16:17-20, Feb 69 (Ger)

[Oocyte degeneration in the zebrafish, Brachydanio rerio, in vitro] Korfsmeier KH.
Z Zellforsch 98:99-105, 1969 (Ger)

[Electron microscopic picture of the ovary of juvenile rats and rabbits after stimulation with pregnant mare serum (PMS) and human chorionic gonadotropin (HCG). I. Theca and stroma (interstitial gland)] Merker HJ, et al. Z Zellforsch 94:605-23, 1969 (Ger)

[Change of the function of the hypothalamo-hypophyseo-ovarian system in rats with constant estrus] Propp MV, et al.
Probl Endokr (Moskva) 13:106-11, May-Jun 67 (Rus)

DRUG EFFECTS

Discrepancies between colpocytology and urinary steroid hormone excretion in women treated with clomiphene citrate or gonadotropins for anovulatory sterility. Boquoi E, et al.
Acta Cytol (Balt) 13:332-46, Jun 69

Approximate versus exact evaluation of bioassays

based on quantal response. Borth R, et al. **Acta Endocr (Kobenhavn)** 60:216-20, Feb 69

Persistent levels of phosphorylase in the rat ovary after oestradiol and gonadotrophin treatment. Bruzzone S. **Acta Endocr (Kobenhavn)** 61:323-8, Jun 69

The ovarian ascorbic acid depletion test for luteinizing hormone. Lack of specificity. Koed HJ, et al. **Acta Endocr (Kobenhavn)** 59:629-35, Dec 68

Follicle stimulating hormone-like activity in human chorionic gonadotrophin preparations. Robyn C, et al. **Acta Endocr (Kobenhavn)** 60:137-56, Jan 69

Effect of oestradiol benzoate on corpora lutea in rats bearing pituitary autografts. Stolzenberg SJ, et al. **Acta Endocr (Kobenhavn)** 60:184-98, Feb 69

Induction of polycystic ovarian disease in rats by continuous ght. IV. Effect of a bovine pineal gland extract. Singh KB. **Amer J Obstet Gynec** 105:274-5, 15 Sep 69

Induction of 20alpha-hydroxysteroid dehydrogenase in rat corpora lutea by pharmacological blockade of pituitary prolactin secretion. Lamprecht SA, et al. **Biochim Biophys Acta** 187:133-43, 29 Jul 69

Microfluorometric determination of 4-pregnen-20alpha-ol-3-one separated from rat ovarian venous blood and ovary by divided thin layer chromatography. Hirai M, et al. **Endocr Jap** 16:55-68, Feb 69

Pituitary regulation of preovulatory estrogen secretion in the rat. Hori T, et al. **Endocr Jap** 16:351-60, Jun 69

Biological properties of human chorionic gonadotropin. Yogo I. **Endocr Jap** 16:215-25, Apr 69

A positive feedback action of androgen on pituitary follicle stimulating hormone: induction of a cyclic phenomenon. Johnson DC, et al. **Endocrinology** 85:881-5, Nov 69

Selective inhibition of superovulation by blockade of dopamine synthesis during the "critical period" in the immature rat. Kordon C, et al. **Endocrinology** 85:924-31, Nov 69

Effect of prolactin and 5-bromo-2-thienyl-ethyl ketone thiosemicarbazone on ovarian progestin levels in the rat. Mason NR, et al. **Endocrinology** 85:831-6, Nov 69

Effects of 17alpha-ethinyl-19-nor-testosterone acetate on pituitary and serum levels of ICSH and FSH in female rats. Kraehahn G, et al. **Europ J Pharmacol** 6:303-11, 1969

The effect of luteinizing hormone and adenosine 3',5'-monophosphate on progesterone biosynthesis by bovine granulosa cells in culture. Cirillo VJ, et al. **Exp Cell Res** 57:139-42, Sep 69

Effects of estrogen or progesterone on prepuberal ovaries implanted in castrated adult male rats. Riboni L, et al. **Experientia** 25:754-5, 1969

Effect of carbaryl on the neuroendocrine system of rats. Shtenberg AI, et al. **Food Cosmet Toxic** 6:461-7, Dec 68

Ovarian physiology: relationship between plasma LH and steroidogenesis by the follicle and corpus luteum; effect of HCG. Strott CA, et al. **J Clin Endocr** 29:1157-67, Sep 69

Biochemical effects of apholate on mosquito ovarian tissue. Turner RB, et al. **J Econ Entom** 62:1091-5, Sep 69

Inhibition of ovary development of the fruit-fly, Drosophila melanogaster by synthetic "queen substance". Sannasi A. **Life Sci** 8:785-9, 15 Jul 69

Estrogen: direct effects on hypothalamus or pituitary in relation to pituitary weight changes. Lisk RD. **Neuroendocrinology** 4:368-73, 1969

Physiologic and endocrinologic effects of the insecticide kepone in the Japanese quail. McFarland LZ, et al. **Toxic Appl Pharmacol** 15:441-50, Sep 69

Investigations of possible sub-lethal effects of DDT on oögenesis in houseflies. Walker TF. **Trans Roy Soc Trop Med Hyg** 63:430, 1969

[Formation of radioactive cholesterol from Na-1-14C-acetate by chick embryo gonads cultivated in vitro] Haffen K, et al. **C R Acad Sci [D] (Paris)** 268:2914-7, 16 Jun 69 **(Fre)**

[The differential sensitivity of a human malignant tumor and embryonic gonads, in organ culture in vitro, to an alkylating substance, Melphalan] Pageot-Simpson P, et al. **C R Acad Sci [D] (Paris)** 268:2997-3000, 16 Jun 69 **(Fre)**

[Action of estrogens on tubero-infundibular monoamines in female hamsters] Hermand E. **C R Soc Biol (Paris)** 162:1959-61, May 69 **(Fre)**

[Biologic effects of an urinary anti-gonadotropic factor] Berthelay S, et al. **J Physiol (Paris)** 60:Suppl 2:401, 1968 **(Fre)**

[Endogenous and exogenous influences on the ovarian function and embryonal development] Smidt D. **Arch Gynaek** 207:155-64, 1969 **(Ger)**

[Studies on the gonad and adrenal cortex function using a gestagen-therapy (Chlormadinone acetate)] Reisert PM, et al. **Arzneimittelforschung** 19:1279-83, Aug 69 **(Ger)**

[Histological and electron microscopic studies on hypophysectomized rats treated with lynestrenol] Th F, et al. **Z Geburtsh Gynaek** 170:257-64, 1969 **(Ger)**

[The action of cytostatic drugs on the ultrastructure of human ovarian cancer cells in-vivo test] Heckmann U, et al. **Z Krebsforsch** 72:284-90, 1969 **(Ger)**

[Electron microscopic picture of the ovary of juvenile rats and rabbits after stimulation with pregnant mare serum (PMS) and human chorionic gonadotropin (HCG). I. Theca and stroma (interstitial gland)] Merker HJ, et al. **Z Zellforsch** 94:605-23, 1969 **(Ger)**

[Study of the effect of gonadotropin on the dynamics of ovarian nucleic acids using spectrophotometry] Mori T. **J Jap Obstet Gynec Soc** 21:357-63, Apr 69 **(Jap)**

[The effects of adrenalectomy on the sensitivity of the albino rat ovaries to chorionic gonadotropin in its simultaneous administration with estrogens, androgens and progesterone] Kharchenko SF. **Probl Endokr (Moskva)** 13:111-5, May-Jun 67 **(Rus)**

[The effect of destruction and stimulation of the paraventricular and supraoptical nuclei of the hypothalamus on the sensitivity of rat ovaries to gonadotropin, estrogens, androgens and progesterone] Myslitskiĭ VF. **Probl Endokr (Moskva)** 15:72-6, May-Jun 69 **(Rus)**

[Change of the function of the hypothalamo-hypophyseo-ovarian system in rats with constant estrus] Propp MV, et al. **Probl Endokr (Moskva)** 13:106-11, May-Jun 67 **(Rus)**

[Morphological study of the human ovary as affected by various steroids and the intrauterine device, used to control fertility] Zañartu J, et al. **Rev Med Chile** 95:512-21, Sep 67 **(Spa)**

EMBRYOLOGY

The development of genital glands and the origin of germ cells in human embryogenesis. Falin LI. **Acta Anat (Basel)** 72:195-232, 1969

Experimental reversal of germ cells. Turner CD. **Embryologia (Nagoya)** 10:206-30, Feb 69 (23 ref.)

The importance of foetal physiology and endocrinology in obstetrics. Abramovich DR. **Med J Aust** 2:408-11, 23 Aug 69

[On the problem of the histophysiology of fetal ovaries] Zheleznov BI, et al. **Akush Ginek (Moskva)** 43:40-5, Oct 67 **(Rus)**

ENZYMOLOGY

Persistent levels of phosphorylase in the rat ovary after oestradiol and gonadotrophin treatment. Bruzzone S. **Acta Endocr (Kobenhavn)** 61:323-8, Jun 69

Isozymes of pyruvate kinase in tissues and eggs of Rana pipiens. Schloen LH, et al. **Biochem Biophys Res Commun** 36:823-9, 22 Aug 69

Glucose metabolism in the superovulated rat ovary in vitro. Effects of luteinizing hormone and the role of glucose metabolism in steroidogenesis. Flint AP, et al. **Biochem J** 112:243-54, Apr 69

The enzymatic steps of pyrimidine biosynthesis in the unfertilized frog egg. Lan SJ, et al. **Biochemistry (Wash)** 8:3673-80, Sep 69

Hydrolysis of steroid phosphates by mouse tissue phosphatases. Botte V, et al. **Biochim Biophys Acta** 176:670-2, 29 Apr 69

Induction of 20alpha-hydroxysteroid dehydrogenase in rat corpora lutea by pharmacological blockade of pituitary prolactin secretion. Lamprecht SA, et al. **Biochim Biophys Acta** 187:133-43, 29 Jul 69

Biochemical effects of apholate on mosquito ovarian tissue. Turner RB, et al. **J Econ Entom** 62:1091-5, Sep 69

Histochemical and ultrastructural demonstration of gamma-glutamyl transpeptidase activity. Rutenburg AM, et al. **J Histochem Cytochem** 17:517-26, Aug 69

Comparative study of ovarian hypertrophy and estral cycle in rats with two different mesencephalic lesions. Griñó E, et al. **J Neurovisc Relat** 31:76-85, 1968

Histochemical studies on N-acetyl-beta-galactosaminidase in the ovary of sexually mature women. Sato K. **Tohoku J Exp Med** 98:75-9, May 69

[Metabolic processes in the ovary with regard to follicular ripening and ovulation] Jung G.
Arch Gynaek 207:124-35, 1969 (Ger)
[Participation of ascorbic acid in ovulation] Paeschke KD. **Arch Gynaek 207:54-5, 1969 (Ger)**
[Aminopeptidases and other enzymes in the human ovary] Unbehaun V, et al.
Arch Gynaek 207:53, 1969 (Ger)
[Ovarian dysmorphism in Rinolophus ferrum equinum. Alkaline phosphatase activity in each ovary] Tedde G.
Arch Ital Anat Embriol 73:363-78, 1968 (Ita)
[Histochemical and biochemical study of the activity of 3-beta-hydroxysteroid dehydrogenase in the ovary of normal adult women] Mori T.
J Jap Obstet Gynec Soc 21:227-34, Mar 69 (Jap)
[Conversion of 14C-4-17-beta-estradiol to 14C-4-estrone in the ovary during the sexual cycle] Jakowicki J, et al.
Ginek Pol 40:669-75, Jun 69 (Pol)

GROWTH & DEVELOPMENT

The development of genital glands and the origin of germ cells in human embryogenesis. Falin LI.
Acta Anat (Basel) 72:195-232, 1969
Alteration by neonatal hypothyroidism of the critical period for the induction of persistent estrus in the rat. Kikuyama S. **Endocr Jap 16:269-73, Apr 69**
Partial masculinization of genetic female chickens (Gallus gallus) after incorporation of 3H-thymidine during the period of oogenesis. Callebaut M.
Experientia 25:435-6, 15 Apr 69
Inhibition of ovary development of the fruit-fly, Drosophila melanogaster by synthetic "queen substance". Sannasi A. **Life Sci 8:785-9, 15 Jul 69**
Thiol groups as a factor preventing senescence and stimulating growth processes in various organisms. Oeriu S, et al. **Rev Roum Physiol 5:273-8, 1968**
[Gonotrophic cycle in Culex mosquitoes. II. Some characteristics of the status of ovaries in hibernating females Culex pipiens pipiens L.] Kuprilanova ES.
Med Parazit (Moskva) 37:451-5, Jul-Aug 68 (Rus)

METABOLISM

Glucose metabolism in the superovulated rat ovary in vitro. Effects of luteinizing hormone and the role of glucose metabolism in steroidogenesis. Flint AP, et al.
Biochem J 112:243-54, Apr 69
The enzymatic steps of pyrimidine biosynthesis in the unfertilized frog egg. Lan SJ, et al.
Biochemistry (Wash) 8:3673-80, Sep 69
Effect of prolactin and 5-bromo-2-thienyl-ethyl ketone thiosemicarbazone on ovarian progestin levels in the rat. Mason NR, et al. **Endocrinology 85:831-6, Nov 69**
Steroid metabolism by badger (Taxidea taxus) ovarian tissue homogenates. Fevold HR, et al.
Gen Comp Endocr 13:60-7, Aug 69
Specific transfer of hydrogen from estradiol to progesterone as a regulating principle for progesterone metabolism in the liver of the female rat. Wenzel M, et al. **J Biol Chem 244:4523-5, 10 Sep 69**
The uptake of tritiated uridine and phenylalanine by the ovaries of rats and monkeys. Baker TG, et al.
J Cell Sci 4:655-75, May 69
Concentration of luteinizing and follicle-stimulating hormones in peripheral and ovarian venous plasma. Llerena LA, et al. **J Clin Endocr 29:1083-9, Aug 69**
Possible interaction of luteinizing hormone-releasing factor with other hypothalamic releasing factors at the level of the adenohypophysis. Crighton DB, et al.
J Endocr 44:405-10, Jul 69
Incorporation of formate-14C, acetate-1-14C choline-1,2-14C and ethanolamine-1-2-14C into rabbit ovarian phospholipids. Morin RJ.
Life Sci 8:613-6, 15 Jun 69
[Formation of radioactive cholesterol from Na-1-14C-acetate by chick embryo gonads cultivated in vitro] Haffen K, et al.
C R Acad Sci [D] (Paris) 268:2914-7, 16 Jun 69 (Fre)
[Heterogenicity of purified extracts containing the hypothalamus factor controlling LH-ICSH secretion in guinea pigs] Moschetto Y, et al.
C R Acad Sci [D] (Paris) 268:3096-9, 23 Jun 69 (Fre)
[From ovulation to implantation (report)] Buchholz R.
Arch Gynaek 207:177-86, 1969 (Ger)
[Metabolic processes in the ovary with regard to follicular ripening and ovulation] Jung G.
Arch Gynaek 207:124-35, 1969 (Ger)
[Androgen metabolism and estrogen production in explant cultures of rat ovaries following incubation with androstenedione and testosterone] Schriefers H, et al.
Hoppe Seyler Z Physiol Chem 350:999-1007, Aug 69 (Ger)
[Endocrinological consideration of ovulation] Tojo S, et al. **Sanfujin Jissai 18:285-93, Apr 69 (46 ref.) (Jap)**
[Conversion of 14C-4-17-beta-estradiol to 14C-4-estrone in the ovary during the sexual cycle] Jakowicki J, et al.
Ginek Pol 40:669-75, Jun 69 (Pol)
[Histochemical studies of the effect of hygromycin B on the concentration of nucleic acids in the organs of birds] Mukhamedshin RA.
Antibiotiki 14:611-6, Jun 69 (Rus)

MICROBIOLOGY

Transmission of Mycoplasma meleagridis in turkeys. Kumar MC, et al. **Amer J Vet Res 30:1423-36, Aug 69**
Evidence of transovarial passage of the sowthistle yellow vein virus in the aphid Hyperomyzus lactucae. Sylvester ES. **Virology 38:440-6, Jul 69**

PATHOLOGY

Comparison and analysis of the results of cytodiagnosis and frozen sections during operation. Sakai Y, et al.
Acta Cytol (Balt) 13:359-68, Jun 69
Sterility due to radioactive phosphorus in mice: a study of ovarian compensatory hypertrophy. Holmberg EA, et al. **Acta Endocr (Kobenhavn) 62:133-46, Sep 69**
Response of neonatal female rats to reserpine and testosterone. Simmons JE, et al.
Acta Endocr (Kobenhavn) 61:302-6, Jun 69
Histological and histochemical studies of human anovulatory ovaries correlated with endocrinological analysis. Mori T.
Acta Obstet Gynaec Jap 16:156-64, Jul 69
Homotransplantation of uterus and ovaries in dogs. A preliminary report. Yonemoto RH, et al.
Amer J Obstet Gynec 104:1143-51, 15 Aug 69
Characterization of Cal-1 strain of acute Marek's disease agent. Bankowski RA, et al.
Amer J Vet Res 30:1867-76, Sep 69
Stratified squamous metaplasia of the uterine epithelium in early androgen-treated rats and its inhibition by light deprivation. Reiter RJ.
Anat Rec 164:479-87, Aug 69
Biological properties of human chorionic gonadotropin. Yogo I. **Endocr Jap 16:215-25, Apr 69**
Comparative study of ovarian hypertrophy and estral cycle in rats with two different mesencephalic lesions. Griñó E, et al. **J Neurovisc Relat 31:76-85, 1968**
Functioning ovarian carcinoid tumors. Case report and review of the literature. Brown PA, et al.
Obstet Gynec 34:390-5, Sep 69
Comparative pathology of ovarian neoplasms. II. Gonadal stromal tumors of bovine species. Norris HJ, et al. **Path Vet (Basel) 6:45-58, 1969**
[Fertility in pancreatectomized rats and anatomo-pathologic changes found in the uterus and ovary] Foglia VG, et al.
C R Soc Biol (Paris) 162:2013, May 69 (Fre)
[Histological and electron microscopic studies on hypophysectomized rats treated with lynestrenol] Th F, et al. **Z Geburtsh Gynaek 170:257-64, 1969 (Ger)**
[New antibiotic, Josamycin. 8. 6-month toxicity test of Josamycin in rats] Hazato H, et al.
Jap J Antibiot 22:242-53, Jun 69 (Jap)
[Morphology of the ovaries in mice after general single dose of x-ray irradiation] Borovkov AI.
Arkh Pat 30:31-6, 1968 (Rus)
[Lipids in the tissue of the ovary in Stein-Leventhal syndrome] Bronitein ME.
Probl Endokr (Moskva) 15:33-8, Jan-Feb 69 (Rus)
[On a case of ovotestis in an albino rat] Petorak I.
Tip Fak Mec (Istanbul) 31:50-8, 1968 (Tur)

PHYSIOLOGY

Cyclic changes in the pituitary gland of Glyptothorax pectinopterus (McClelland) in correlation with its reproductive cycle. Khanna SS, et al.
Acta Anat (Basel) 72:148-57, 1969
The effect of bilateral adrenalectomy and ovariectomy on the induction of carcinoma of the mouse uterine cervix. Ashraf M, et al.
Acta Cytol (Balt) 13:347-51, Jun 69
Effect of vitamin A on enzymic conversion of the delta-5-3-beta-hydroxy- into delta-4-3-oxosteroids by

adrenals of the rat. Grangaud R, et al. **Amer J Clin Nutr 22:991-1002, Aug 69**

Influence of sex hormones on gastric acid secretion in the guinea pig. Katz S, et al. **Amer J Physiol 217:370-5, Aug 69**

Estrogenic regulation of uterine carbohydrate metabolism during senescence. Singhal RL, et al. **Amer J Physiol 217:793-7, Sep 69**

Structural luteolysis of induced corpora lutea in "androgen-sterilized" rats. Malven PV, et al. **Anat Rec 165:55-60, Sep 69**

Stratified squamous metaplasia of the uterine epithelium in early androgen-treated rats and its inhibition by light deprivation. Reiter RJ. **Anat Rec 164:479-87, Aug 69**

Specific transfer of hydrogen from estradiol to progesterone as a regulating principle for progesterone metabolism in the liver of the female rat. Wenzel M, et al. **J Biol Chem 244:4523-5, 10 Sep 69**

Ovarian physiology: relationship between plasma LH and steroidogenesis by the follicle and corpus luteum; effect of HCG. Strott CA, et al. **J Clin Endocr 29:1157-67, Sep 69**

Mammalian antifertility agents. VI. A novel sequence for the preparation of 1,2-disubstituted 3,4-dihydronaphthalenes. Lednicer D, et al. **J Med Chem 12:881-5, Sep 69**

Physiologic and endocrinologic effects of the insecticide kepone in the Japanese quail. McFarland LZ, et al. **Toxic Appl Pharmacol 15:441-50, Sep 69**

Ovarian changes and systemic plasma progesterone in the post-parturient cow. Munro IB. **Vet Rec 85:271, 6 Sep 69**

[Mechanism of the action of gonadotropins] Presl J. **Cesk Gynek 34:434-5, Sep 69 (Cze)**

[Apropos of the hormonal determinism of labor in rats; role of estradiol] Acker G. **C R Acad Sci [D] (Paris) 268:2196-9, 28 Apr 69 (Fre)**

[Identification of LH cells of swine by optic microscopy, electron microscopy and by immunofluorescence] Herlant M, et al. **C R Acad Sci [D] (Paris) 269:368-70, 1969 (Fre)**

[Experimental study of determinism of external sex characteristics in Porcellio dilatatus Brdt intersex (terrestrial Isopodal Crustacea)] Besse G, et al. **C R Soc Biol (Paris) 162:2196-200, 1968 (Fre)**

[Influence of castration on intestinal absorption and blood transport of silicium in rats] Charnot Y, et al. **C R Soc Biol (Paris) 162:2129-31, 1968 (Fre)**

[Initial histological signs of abortion after bilateral ovariectomy in female rats] Clabaut M. **C R Soc Biol (Paris) 163:21-4, 1969 (Fre)**

[Intestinal absorption and silicon blood transport in ovariectomized rats] Arslan S, et al. **J Physiol (Paris) 60:Suppl 2:387, 1968 (Fre)**

[Unit activity in the hypothalamus studied in relation to ovulation in free chronic rabbits] Faure JM, et al. **J Physiol (Paris) 60:Suppl 2:439+, 1968 (Fre)**

[Influence of a deficient diet on the enzymatic activity of the central nervous system] Legrand J. **J Physiol (Paris) 60:Suppl 2:485, 1968 (Fre)**

[Urinary testosterone and epitestosterone in gynecology practice] Ingiulla W, et al. **Rev Franc Endocr Clin 10:109-20, Mar-Apr 69 (Fre)**

[The microvascularization of vaginal mucosa and its variations during the ovarian cycle women] Koritke JG, et al. **Z Zellforsch 99:37-53, 1969 (Fre)**

[The central stimuli for follicular ripening and ovulation] Buchholz R. **Arch Gynaek 207:107-23, 1969 (132 ref.) (Ger)**

[Glucose tolerance following previous castration] Methfessel HD, et al. **Z Ges Inn Med 24:309-11, 15 May 69 (Ger)**

[Changes in urinary elimination of catecholamines during the ovarian cycle in hyperestrogenism] Pencea V, et al. **Rev Medicochir Iasi 73:49-52, Jan-Mar 69 (Rum)**

[On the problem of regeneration of the ovary (experimental study)] Goriacheva GI. **Akush Ginek (Moskva) 43:70-1, Oct 67 (Rus)**

[The effect of sex gland stimulation on regeneration of the thyroid gland] Miroinichenko EV. **Biull Eksp Biol Med 67:87-90, Mar 69 (Rus)**

[Change of the function of the hypothalamo-hypophyseo-ovarian system in rats with constant estrus] Propp MV, et al. **Probl Endokr (Moskva) 13:106-11, May-Jun 67 (Rus)**

PHYSIOPATHOLOGY

[Findings involving the polycystic ovaries and the Stein-Leventhal syndrome] Santos Alves JE dos. **Hospital (Rio) 75:1297-317, Apr 69 (Por)**

[Comparative evaluation of colpocyto-hormonal and clinico histological data in patients with uterine myoma] Lesakova AS, et al. **Akush Ginek (Moskva) 43:41-6, Apr 67 (Rus)**

[Changes in estrogenic activity in posthemorrhagic anemia] Pekus EN. **Vrach Delo 12:57-9, Dec 67 (Rus)**

[Testosterone in the urine of women] Drobnjak P. **Lijecn Vjesn 90:881-4, Sep 68 (Cro)**

RADIATION EFFECTS

Sterility due to radioactive phosphorus in mice: a study of ovarian compensatory hypertrophy. Holmberg EA, et al. **Acta Endocr (Kobenhavn) 62:133-46, Sep 69**

Effects of maternal x-irradiation of mice on the germ cells of their progeny. Palayoor T, et al. **Indian J Exp Biol 7:89-92, Apr 69**

Effect of light and darkness upon thyroid secretion rate and on the endocrine glands of female rats. Singh DV, et al. **Proc Soc Exp Biol Med 131:1296-9, Sep 69**

Modification of radiation response through glucose-controlled respiration. Biaglow JE, et al. **Radiat Res 39:623-33, Sep 69**

[Morphology of the ovaries in mice after general single dose of x-ray irradiation] Borovkov AI. **Arkh Pat 30:31-6, 1968 (Rus)**

SECRETION

The uptake of (6,7-3H) 17beta-oestradiol by tissues of the domestic fowl. Hawkins RA, et al. **Acta Endocr (Kobenhavn) 60:199-209, Feb 69**

Pituitary regulation of preovulatory estrogen secretion in the rat. Hori T, et al. **Endocr Jap 16:351-60, Jun 69**

Ovarian secretion of progesterone and 20alpha-hydroxypregn-4-en-3-one during rat estrous cycle in chronological relation to pituitary release of luteinizing hormone. Uchida K, et al. **Endocr Jap 16:227-37, Apr 69**

Acute effects of various gonadotropins and other pituitary hormones on preovulatory ovarian progestin secretion in hypophysectomized rats. Uchida K, et al. **Endocr Jap 16:239-49, Apr 69**

Oophorectomy in postmenopausal women with breast cancer. **Lancet 2:366, 16 Aug 69**

[Causative relations between pituitary luteinizing hormone release and secretion of ovarian steroid in sexual cycles in rats] Miyake T. **Saishin Igaku 24:1012-23, May 69 (Jap)**

[Comparative evaluation of colpocyto-hormonal and clinico histological data in patients with uterine myoma] Lesakova AS, et al. **Akush Ginek (Moskva) 43:41-6, Apr 67 (Rus)**

[Changes in estrogenic activity in posthemorrhagic anemia] Pekus EN. **Vrach Delo 12:57-9, Dec 67 (Rus)**

SURGERY

The metabolism of small and of large amounts of progesterone in man. Harkness RA, et al. **Acta Endocr (Kobenhavn) 60:221-36, Feb 69**

Bilateral breast cancer in relation to the menses. Herrmann JB. **Amer J Surg 118:448-52, Sep 69**

An examination of the quantitative relationship between progesterone and the maintenance of pregnancy. Csapo AI, et al. **Endocrinology 85:735-46, Oct 69**

Dependence of pancreatic integrity on adrenal and ovarian secretions. Grossman A, et al. **Endocrinology 85:956-9, Nov 69**

Cytoplasmic changes during the trophoblastic giant cell transformation of blastocysts from normal and ovariectomized mice. Dickson AD. **J Anat 105:371-80, Sep 69**

Treatment of cancer of the breast. Fraser J. **Practitioner 203:146-52, Aug 69**

Surgical management of tubal pregnancy: effect on subsequent fertility. Douglas ES Jr, et al. **Southern Med J 62:954-5, Aug 69**

[Unit activity in the hypothalamus studied in relation to ovulation in free chronic rabbits] Faure JM, et al. **J Physiol (Paris) 60:Suppl 2:439+, 1968 (Fre)**

[Influence of a deficient diet on the enzymatic activity of the central nervous system] Legrand J. **J Physiol (Paris) 60:Suppl 2:485, 1968 (Fre)**

[Changes in the endometrium caused by retrosteroid RO-4-8347] Herzer H, et al.
Gynaecologia (Basel) 168:1-24, 1969 (Ger)
[Animal experiment study on the pathogenesis of placenta praevia] Sachs H.
Z Ges Exp Med 150:199-202, 1969 (Ger)
[The effect of estrone and actinomycin (Aurantin) on RNA synthesis in the hepatic cell nuclei of normal and ovariectomized rats] Kniazeva AP, et al.
Probl Endokr (Moskva) 14:58-63, Jul-Aug 68 (Rus)

TRANSPLANTATION

Sterility due to radioactive phosphorus in mice: a study of ovarian compensatory hypertrophy. Holmberg EA, et al. Acta Endocr (Kobenhavn) 62:133-46, Sep 69
Induction of polycystic ovarian disease in rats by continuous light. VI. Some effects of autologous and homologous grafting of the polycystic ovary. Singh KB. Amer J Obstet Gynec 105:276-8, 15 Sep 69
Homotransplantation of uterus and ovaries in dogs. A preliminary report. Yonemoto RH, et al.
Amer J Obstet Gynec 104:1143-51, 15 Aug 69
Experimental reversal of germ cells. Turner CD.
Embryologia (Nagoya) 10:206-30, Feb 69 (23 ref.)
Effects of estrogen or progesterone on prepuberal ovaries implanted in castrated adult male rats. Riboni L, et al. Experientia 25:754-5, 1969
Two unusual dominant mutations in the mouse. Dickie MM, et al. J Hered 60:84-6, Mar-Apr 69
Effect of antilymphocyte serum on the survival of ovary allografts in the mouse. Barnes AD, et al.
Nature (London) 223:1059-60, 6 Sep 69
[The influence of the uterus on the development of experimental ovarian neoplasms] Gitsch E, et al.
Arch Gynaek 207:36-8, 1969 (Ger)
[Early steroid regulation of sexual differentiation of the brain (review of the literature)] Vunder PA.
Probl Endokr (Moskva) 15:114-20, May-Jun 69 (53 ref.) (Rus)

GONADS

Testis

LEYDIG CELLS

A quantitative study of spermatogenesis in rats bearing hypothalamic lesions of mammillary and supra-chiasmatic nuclei. Rüedi BA.
Acta Endocr (Kobenhavn) 60:276-80, Feb 69

[Congenital anorchidism with partial anterior hypopituitarism] Abate G, et al.
Folia Endocr (Roma) 21:485-500, Aug 68 (Ita)

ANALYSIS

[Sex chromatin in the gonads of men with Klinefelter's syndrome] Herman E, et al.
Ginek Pol 40:559-63, May 69 (Pol)

CYTOLOGY

Estimation of the volume of Leydig cells in man. Ahmad KN, et al. **Lancet 2:461-4, 30 Aug 69**

The testicular interstitial tissue of the amphibian Physalaemus fuscumaculatus. Aoki A, et al.
Z Zellforsch 98:9-16, 1969

[On the fine structure of Leydig cells in January and May specimens of Lacerta s. sicula Raf] Della Corte F, et al. **Z Zellforsch 98:561-75, 1969 (Ger)**

DRUG EFFECTS

Effects of a new diphenylethylene derivative (F 6066) on testicular morphology in man. Nylander G, et al.
Acta Soc Med Upsal 73:199-220, 1968

A histochemical study of the effect of estrogen on oxidative enzymes in the testes of cryptorchid BALB/c mice. Currie C, et al.
Endocrinology 85:849-54, Nov 69

[Studies on the gonad and adrenal cortex function using a gestagen-therapy (Chlormadinone acetate)] Reisert PM, et al.
Arzneimittelforschung 19:1279-83, Aug 69 (Ger)

ENZYMOLOGY

Delta-5-3-beta-hydroxysteroid dehydrogenase in toad testis: synergistic action of ascorbic acid and luteinizing hormone. Biseas NM.
Endocrinology 85:981-3, Nov 69

A histochemical study of the effect of estrogen on oxidative enzymes in the testes of cryptorchid BALB/c mice. Currie C, et al.
Endocrinology 85:849-54, Nov 69

[Effect of a spleen-dialysate on the enzyme pattern of infantile guinea pig and rat testis in the normal and hypophysectomized animal] Goslar HG, et al.
Arzneimittelforschung 19:1249-53, Aug 69 (Ger)

METABOLISM

Seasonal changes in the in vitro production of testicular androgens by the cobra (Naja naja Linn). Tam WH, et al. **Gen Comp Endocr 13:117-25, Aug 69**

[On the fine structure of Leydig cells in January and May specimens of Lacerta s. sicula Raf] Della Corte F, et al. **Z Zellforsch 98:561-75, 1969 (Ger)**

PHYSIOLOGY

[Testicular function tests] Kumamoto Y.
Jap J Clin Med 27:578-84, Mar 69 (Jap)

SERTOLI CELLS

ANALYSIS

[Sex chromatin in the gonads of men with Klinefelter's syndrome] Herman E, et al.
Ginek Pol 40:559-63, May 69 (Pol)

CYTOLOGY

Two types of tubules containing only Sertoli cells in adults with Klinefelter's syndrome. Skakkebaek NE.
Nature (London) 223:643-5, 9 Aug 69

TESTIS

A quantitative study of spermatogenesis in rats bearing hypothalamic lesions of mammillary and supra-chiasmatic nuclei. Rüedi BA.
Acta Endocr (Kobenhavn) 60:276-80, Feb 69

Torsion of the appendix testis in the newborn. Initial report of this disorder in a neonate. Chiles DW, et al.
Amer J Dis Child 118:652-4, Oct 69

Deoxyribonucleic acid sequences complementary to ribosomal ribonucleic acid in a crustacean. Skinner DM. **Biochemistry (Wash) 8:1467-73, Apr 69**

Microcirculatory effects of prostaglandins. Viguera MG, et al. **Canad J Physiol Pharmacol 47:627-34, Jul 69**

Electrom microscopic study of the anencephalic adenohypophysis with reference to the adrenocorticotrophs and their correlation with the functional differentiation of the hypothalamus during the foetal life. Hatakeyama S.
Endocr Jap 16:187-203, Feb 69

Identification of the thyrotrophs with the gonadotrophs in the anterior pituitaries of thyroidectomized rats. Yoshimura F, et al.
Endocr Jap 16:69-85, Feb 69

Studies on DNA methylase activity in mammalian tissue. Sheid B, et al. **Experientia 25:361-2, 15 Apr 69**

Meiosis in five Macaca species. Egozcue J.
Folia Primat (Basel) 11:1-16, 1969

Bovine testicular antihyaluronidase in rabbits. Production and purification. Fine G, et al.
Henry Ford Hosp Med J 17:19-24, Spring 69

Effect of environmental changes on the development of hypercholesterolemia and atherosclerosis in cholesterol oil fed cockerels. Pick R, et al.
Israel J Med Sci 5:635-8, Jul-Aug 69

Changes in sialic acid in the testis and epididymis of the rat during the onset of puberty. Rajalakshmi M, et al.
J Endocr 44:379-85, Jul 69

Porcine kidney cell line persistently contaminated with avirulent swine fever virus. Shimizu Y, et al.
J Gen Virol 4:625-8, Jun 69

Comparison of immulogic properties of a high and low cell culture passage of transmissible gastroenteritis (tge) virus from a single isolant. Caletti E, et al.
Proc US Livestock Sanit Ass 72:361-70, 1968

[Hormonal activity of the gonads of hypophysectomized chick embryos] Akram H, et al.
J Embryol Exp Morph 21:509-15, Jun 69 (Fre)

ABNORMALITIES

Behaviour of glycogen and related enzymes in the Sertoli cell syndrome. Fabbrini A, et al.
Experientia 25:647-9, 15 Jun 69

Perineal testicle. A case report. Dajani AM.
Irish J Med Sci 8:317-9, Jul 69

[Action of parathion on the development of quail embryo] Lutz-Ostertag Y, et al.
C R Acad Sci [D] (Paris) 268:2911-3, 16 Jun 69 (Fre)
[Congenital anorchidism with partial anterior hypopituitarism] Abate G, et al.
Folia Endocr (Roma) 21:485-500, Aug 68 (Ita)
[Clinical evaluation pretumorous diseases of the testicle] Iunda IF.
Klin Khir (Kiev) 11:23-6, Nov 67 (Rus)
[Testicular ectopia. Therapeutic criteria and the importance of early treatment] Veppo AA, et al.
Prensa Med Argent 56:474-8, 16 May 69 (Spa)

ANALYSIS

Demonstration of pathogenic fungi in formalin-fixed tissues by immunofluorescence. Kaplan W, et al.
Amer J Clin Path 52:420-32, Oct 69
Distribution of endogenous and administered 5-hydroxytryptamine in the rat testis and epididymis. Kormano M, et al.
Ann Med Exp Biol Fenn 46:468-73, 1968
Distribution of cadmium 109 and zinc 65 in mice of inbred strains. Lucis OJ, et al.
Arch Environ Health (Chicago) 19:334-6, Sep 69
The isolation of estrone sulfate and estradiol-17 beta sulfate from stallion testes. Raeside JI.
Canad J Biochem 47:811-5, Aug 69
Ferric-cyanoferrate (II): an effective antidote in thallium poisoning. Heydlauf H.
Europ J Pharmacol 6:340-4, 1969
Changes in sialic acid in the testis and epididymis of the rat during the onset of puberty. Rajalakshmi M, et al.
J Endocr 44:379-85, Jul 69
Renaturation and isolation of single strands from the nuclear DNA of the guinea pig. Flamm WG, et al.
J Molec Biol 42:441-55, 28 Jun 69
Glycogen, phosphorylase and glycogen synthetase in hamster testis during postnatal development. Fouquet JP, et al. J Reprod Fertil 19:455-64, Aug 69
Oxygen tension in testes of normal and cryptorchid rats. Massie ED, et al. J Reprod Fertil 19:559-61, Aug 69
Storage, distribution, and metabolism of 1,1-bis(4-chlorophenyl)-2,2,2-trichloroethanol. Brown JR, et al. Toxic Appl Pharmacol 15:30-7, Jul 69
Development of hypertension in rats treated with aldosterone acetate. Fregly MJ, et al.
Toxic Appl Pharmacol 15:229-43, Jul 69
Dichroism with congo red. A specific test for amyloid? Reissenweber NJ, et al.
Virchow Arch [Path Anat] 347:254-9, 1969
[Studies with 14C-labelled noxiptilin. Metabolism and kinetics] Duhm B, et al.
Arzneimittelforschung 19:Suppl 5a:858+, Jun 69 (Ger)
[On the incorporation of thiamine (thiazole-2-C14) and 4-methyl-5-(2-chloroethyl)thiazole-2-C14 into the organs of normal and thiamine deficient rats] Gabriel-Jürgens P, et al.
Int Z Vitaminforsch 38:482-96, 1968 (Ger)
[Sex chromatin in the gonads of men with Klinefelter's syndrome] Herman E, et al.
Ginek Pol 40:559-63, May 69 (Pol)
[Hypothalamic control of the luteinizing function of the hypophysis in male rats] Babichev VN.
Probl Endokr (Moskva) 15:68-72, May-Jun 69 (Rus)
[Distribution of labeled thyroxine in some endocrine glands of rats] Kolli EA, et al.
Probl Endokr (Moskva) 14:90-3, May-Jun 68 (Rus)

ANATOMY & HISTOLOGY

Effect of polydiethylstilboestrol phosphate on the pituitary content of FSH and ICSH in male rats. Perklev T, et al.
Acta Endocr (Kobenhavn) 61:449-60, Jul 69
Postnatal development of the male genital tract of the Gallus domesticus. Marvan F.
Anat Anz 124:443-62, 1969
The biological activity of retinoic acid in the domestic fowl and the effects of vitamin A deficiency on the chick embryo. Thompson JN, et al.
Brit J Nutr 23:471-90, Aug 69
Treatment of male infertility with human menopausal gonadotrophin (HMG) combined with human chorionic gonadotrophin (HCG). Schellen TM.
Int J Fertil 14:222-7, Jul-Sep 69
Spermatogenesis in a male hinny: histological and cytological studies. Trujillo JM, et al.
J Hered 60:79-84, Mar-Apr 69
The effect of cadmium chloride on the blood-testis barrier of the guinea-pig. Johnson MH.
J Reprod Fertil 19:551-3, Aug 69
Estimation of the volume of Leydig cells in man. Ahmad KN, et al. Lancet 2:461-4, 30 Aug 69
Microtubules in the spermatid of the rabbit. Pedersen H. Z Zellforsch 98:148-56, 1969
[DNase II activity and iron imbalance in guinea pig tissues] Hitier Y, et al.
Ann Nutr (Paris) 23:A71-6, 1969 (Fre)
[Testicular degeneration and DNase II activity in various avitaminoses] Terroine T, et al.
Ann Nutr (Paris) 23:A89-95, 1969 (Fre)
[On the origin of male sexual disorders due to a biotin deficiency. Hormone and vitamin treatments] Delost P, et al. Arch Sci Physiol (Paris) 23:243-68, 1969 (Fre)
[New data on seasonal endocrine cycles] Delost P.
J Physiol (Paris) 60:Suppl 2:356, 1968 (Fre)
[The urogenital system of Typhlops vermicularis Merrem (1820)] Heyder G.
Gegenbaur Morph Jahrb 112:594-605, 1968 (Ger)
[Surgical anatomy of the abdomen: inguinal region] Yamase K. Shujutsu 23:232-45, Feb 69 (Jap)
[Hypothalamic control of the luteinizing function of the hypophysis in male rats] Babichev VN.
Probl Endokr (Moskva) 15:68-72, May-Jun 69 (Rus)

BLOOD SUPPLY

Rapid flow of blood through pituitary autografts in the rat. Goldman H, et al. Amer J Physiol 217:567-9, Aug 69
Microvascular structure of the rat epididymis. Kormano M. Ann Med Exp Biol Fenn 46:113-8, 1968
The effect of cadmium chloride on the blood-testis barrier of the guinea-pig. Johnson MH.
J Reprod Fertil 19:551-3, Aug 69
Oxygen tension in testes of normal and cryptorchid rats. Massie ED, et al. J Reprod Fertil 19:559-61, Aug 69
Endothelial microvilli in the vessels of the rat gasserian ganglion and testis. Gabbiani G, et al.
Z Zellforsch 97:111-7, 1969
[Succinate dehydrogenase activity of the pampiniform plexus of rat testis after cadmium administration. Histoenzymologic study] Peyre A, et al.
C R Soc Biol (Paris) 162:2200-2, 1968 (Fre)
[Testicular infarct in rheumatoid purpura] Fournier A, et al. J Sci Med Lille 85:397-401, Jun-Aug 67 (Fre)

CYTOLOGY

The effect of hypophysectomy on the histology and acid phosphatase distribution in the testes of Leptodactylus chaquensis. Bertini F, et al.
Acta Physiol Lat Amer 19:22-9, 1969
Effect of long-term 5-hydroxytryptamine treatment on the rat testis. Kormano M, et al.
Ann Med Exp Biol Fenn 46:474-8, 1968
Discussion paper: cytogenetic contributions to primatology. Benirschke K.
Ann NY Acad Sci 162:217-24, 3 Jul 69
Protein biosynthesis in the testis. IV. Isolation and properties of polyribosomes. Means AR, et al.
Biochemistry (Wash) 8:1488-95, Apr 69
A simple method for preparing meiotic chromosomes from mammalian testis. Meredith R.
Chromosoma 26:254-8, 1969
Mitotic instability leading to an accumulation of B-chromosomes in grasshoppers. Nur U.
Chromosoma 27:1-19, 1969
Meiotic chromosomes in the male slender loris, Loris tardigradus lydekkarianus (Cabrera). Rao SR, et al.
Experientia 25:422-3, 15 Apr 69
Allogenic transplants of testicular tissue in the golden hamster. Age factor. Maroń K, et al.
Folia Biol (Krakow) 17:141-3, 1969
Estimation of the volume of Leydig cells in man. Ahmad KN, et al. Lancet 2:461-4, 30 Aug 69
Histological studies on the testis of Tilapia leucosticta and other species of the genus Tilapia (Pisces: Teleostei). Hyder M.
Trans Amer Micr Soc 88:211-31, Apr 69
Intranuclear inclusions in leydig cells of human testes. BNWL-714. Berlin JD.
US AEC Battelle Northwest 7.18-7+, May 68
The testicular interstitial tissue of the amphibian Physalaemus fuscumaculatus. Aoki A, et al.
Z Zellforsch 98:9-16, 1969
Ultrastructural features of human spermiogenesis. De Kretser DM. Z Zellforsch 98:477-505, 1969
Endothelial microvilli in the vessels of the rat gasserian

ganglion and testis. Gabbiani G, et al.
Z Zellforsch 97:111-7, 1969

The effects of metopirone and aldactone on the pars distalis of the pituitary, the interrenal tissue and the interstitial tissue of the testis in the common frog, Rana temporaria. Kemenade JA van.
Z Zellforsch 96:466-77, 1969

Further evidence for the proposed way of spermatogonial stem cell renewal in the rat and the mouse. Rooij DG de. Z Zellforsch 99:134-8, 1969

[The differential sensitivity of a human malignant tumor and embryonic gonads, in organ culture in vitro, to an alkylating substance, Melphalan] Pageot-Simpson P, et al.
C R Acad Sci [D] (Paris) 268:2997-3000, 16 Jun 69 (Fre)

[On the fine structure of Leydig cells in January and May specimens of Lacerta s. sicula Raf] Della Corte F, et al. Z Zellforsch 98:561-75, 1969 (Ger)

[Autoradiographic studies on the modus of proliferation and regeneration of the seminiferous epithelium of Wistar rats] Hilscher B, et al.
Z Zellforsch 94:593-604, 1969 (Ger)

[Electron microscopic studies of the testis after vasectomy in rats and men] Kubota R.
Jap J Urol 60:373-97, May 69 (Jap)

[Dry serum for the cultivation of tissue culture. I] Karasev VP, et al. Lab Delo 5:269-71, 1967 (Rus)

DRUG EFFECTS

Effects of a new diphenylethylene derivative (F 6066) on testicular morphology in man. Nylander G, et al.
Acta Soc Med Upsal 73:199-220, 1968

Effect of long-term 5-hydroxytryptamine treatment on the rat testis. Kormano M, et al.
Ann Med Exp Biol Fenn 46:474-8, 1968

Biochemical studies in a patient with chromatin-negative Klinefelter's syndrome. Dufau M, et al. Clin Chim Acta 25:389-93, Sep 69

The twenty-four-hour seminal hydration response in goldfish (Carassius auratus). I. Sodium, potassium, calcium, magnesium, chloride and osmolality of serum and seminal fluid. Grant FB, et al.
Comp Biochem Physiol 30:273-80, 15 Jul 69

Presence of hypothalamo-pituitary testicular axis in the early postnatal period. Yagimura T, et al.
Endocr Jap 16:5-10, Feb 69

Delta-5-3-beta-hydroxysteroid dehydrogenase in toad testis: synergistic action of ascorbic acid and luteinizing hormone. Biseas NM.
Endocrinology 85:981-3, Nov 69

Effects of 17alpha-ethinyl-19-nor-testosterone acetate on pituitary and serum levels of ICSH and FSH in female rats. Kraehahn G, et al.
Europ J Pharmacol 6:303-11, 1969

More clues in the cadmium and zinc puzzle.
Food Cosmet Toxic 6:523-7, Dec 68

Response of the isolated testicular capsule of the rat to autonomic drugs. Davis JR, et al.
J Reprod Fertil 19:595-8, Aug 69

Effect of nitrofurazone on the aerobic metabolism of uniformly labelled [14C]glucose in tissue slices of rat testes. Hollinger MA, et al.
J Reprod Fertil 19:585-9, Aug 69

The effect of cadmium chloride on the blood-testis barrier of the guinea-pig. Johnson MH.
J Reprod Fertil 19:551-3, Aug 69

Hair color, molt, and testis size in male, short-tailed weasels treated with melatonin. Rust CC, et al.
Science 165:921-2, 29 Aug 69

Physiologic and endocrinologic effects of the insecticide kepone in the Japanese quail. McFarland LZ, et al. Toxic Appl Pharmacol 15:441-50, Sep 69

Intranuclear inclusions in leydig cells of human testes. BNWL-714. Berlin JD.
US AEC Battelle Northwest 7.18-7+, May 68

The effects of metopirone and aldactone on the pars distalis of the pituitary, the interrenal tissue and the interstitial tissue of the testis in the common frog, Rana temporaria. Kemenade JA van.
Z Zellforsch 96:466-77, 1969

[Formation of radioactive cholesterol from Na-1-14C-acetate by chick embryo gonads cultivated in vitro] Haffen K, et al.
C R Acad Sci [D] (Paris) 268:2914-7, 16 Jun 69 (Fre)

[The differential sensitivity of a human malignant tumor and embryonic gonads, in organ culture in vitro, to an alkylating substance, Melphalan] Pageot-Simpson P, et al.
C R Acad Sci [D] (Paris) 268:2997-3000, 16 Jun 69 (Fre)

[Influence of neonatal estrogens on testis development and compensating hypertrophy after hemicastration in rats] Passouant-Fontaine T, et al.
C R Soc Biol (Paris) 162:2175-8, 1968 (Fre)

[Succinate dehydrogenase activity of the pampiniform plexus of rat testis after cadmium administration. Histoenzymologic study] Peyre A, et al.
C R Soc Biol (Paris) 162:2200-2, 1968 (Fre)

[Effect of a spleen-dialysate on the enzyme pattern of infantile guinea pig and rat testis in the normal and hypophysectomized animal] Goslar HG, et al.
Arzneimitteiforschung 19:1249-53, Aug 69 (Ger)

[Studies on the gonad and adrenal cortex function using a gestagen-therapy (Chlormadinone acetate)] Reisert PM, et al.
Arzneimitteiforschung 19:1279-83, Aug 69 (Ger)

[Comparative study of hormonal influences on the testis and accessory sex organs in rats] Ronzoni G, et al. Chir Pat Sper 15:367-75, Jul-Sep 67 (Ita)

[The effect of Eleutherococcus extract on the sexual function of bulls] Liapustina TA.
Veterinariia 44:83-5, Dec 67 (Rus)

[Testicular ectopia. Therapeutic criteria and the importance of early treatment] Veppo AA, et al.
Prensa Med Argent 56:474-8, 16 May 69 (Spa)

EMBRYOLOGY

The development of genital glands and the origin of germ cells in human embryogenesis. Falin LI.
Acta Anat (Basel) 72:195-232, 1969

Experimental reversal of germ cells. Turner CD.
Embryologia (Nagoya) 10:206-30, Feb 69 (23 ref.)

The importance of foetal physiology and endocrinology in obstetrics. Abramovich DR.
Med J Aust 2:408-11, 23 Aug 69

ENZYMOLOGY

Aspartate carbamoyltransferase activity (ec 2.1.3.2) in rat organs. Zak T, et al.
Arch Immun Ther Exp 17:338-41, 1969

Immune reactions in polysaccharide media. The effect of hyaluronate, chondroitin sulphate and chondroitin sulphate-protein complex on the precipitin reaction. Heilsing K. Biochem J 112:475-81, May 69

Utilization of volatile fatty acids in ruminants. 3. Comparison of mitochondrial acyl coenzyme A synthetase activity and substrate specificity in different tissues. Cook RM, et al.
Biochemistry (Wash) 8:2966-9, Jul 69

Isolation of unknown sugar acid from vitreous humor hyaluronic acid. Wardi AH, et al.
Biochim Biophys Acta 184:474-6, 30 Jul 69

Influence of physical and chemical treatments upon the microsomal enzymes of testes related to androgen biosynthesis. Machino A, et al.
Endocr Jap 16:37-46, Feb 69

Identification of 17alpha, 20alpha-dihydroxypregn-4-en-3-one produced from 17alpha-hydroxyprogesterone by a soluble enzyme of porcine testes. Shikita M, et al.
Endocr Jap 16:11-6, Feb 69

Effect of lut-ovocyclin on some testicular enzymes of the Indian desert gerbil Meriones hurrianae Jerdon. Singh K, et al. Endocr Jap 16:149-55, Feb 69

Delta-5-3-beta-hydroxysteroid dehydrogenase in toad testis: synergistic action of ascorbic acid and luteinizing hormone. Biseas NM.
Endocrinology 85:981-3, Nov 69

A histochemical study of the effect of estrogen on oxidative enzymes in the testes of cryptorchid BALB/c mice. Currie C, et al.
Endocrinology 85:849-54, Nov 69

The activity of deoxycytidine aminohydrolase in organs of some mammals. Buřič L, et al.
Enzym Biol Clin (Basel) 10:222-32, 1969

Isoenzymes and population genetics of sorbit dehydrogenase (EC: 1.1.1.14) in swine (Sus scrofa). Op't Hof J. Humangenetik 7:258-9, 1969

Reduction of alpha-ketoglutarate by homogeneous lactic dehydrogenase X of testicular tissue. Schatz L, et al. J Biol Chem 244:4393-7, 25 Aug 69

Glycogen, phosphorylase and glycogen synthetase in hamster testis during postnatal development. Fouquet JP, et al. J Reprod Fertil 19:455-64, Aug 69

[DNase II activity and iron imbalance in guinea pig tissues] Hitier Y, et al.
Ann Nutr (Paris) 23:A71-6, 1969 (Fre)

[Succinate dehydrogenase activity of the pampiniform

plexus of rat testis after cadmium administration. Histoenzymologic study] Peyre A, et al.
C R Soc Biol (Paris) 162:2200-2, 1968 (Fre)
[Metabolic processes in the ovary with regard to follicular ripening and ovulation] Jung G.
Arch Gynaek 207:124-35, 1969 (Ger)
[Effect of a spleen-dialysate on the enzyme pattern of infantile guinea pig and rat testis in the normal and hypophysectomized animal] Goslar HG, et al.
Arzneimittelforschung 19:1249-53, Aug 69 (Ger)
[Lactate dehydrogenase of the crayfish Oronectes limosus. Isolation and characterization] Urban J.
Hoppe Seyler Z Physiol Chem 350:721-33, Jun 69 (Ger)

GROWTH & DEVELOPMENT

Contribution to the anthropometric study of the penis in a group of Bulgarian boys from birth to the age of seven years. Troshev K.
Acta Chir Plast (Praha) 11:140-8, 1969
Postnatal development of the male genital tract of the Gallus domesticus. Marvan F.
Anat Anz 124:443-62, 1969
Light and the gonadal cycle of the black-headed Munia, Munia malacca malacca. Pandha SK, et al.
Endocr Jap 16:157-61, Feb 69
Influence of hemicastration on morphological gonade structure and development of spermiogenic epithelium in male infantile rats. Figarová V.
Folia Morph (Praha) 17:348-54, 1969
Glycogen, phosphorylase and glycogen synthetase in hamster testis during postnatal development. Fouquet JP, et al. J Reprod Fertil 19:455-64, Aug 69
Preliminary observations on the reproductive effects of the pineal gland in blinded, anosmic male rats. Reiter RJ, et al. J Reprod Fertil 19:563-5, Aug 69
Pineal gland, melatonin synthesis, and testicular development in the rat. Tait GR, et al.
Life Sci 8:717-25, 1 Jul 69
Thiol groups as a factor preventing senescence and stimulating growth processes in various organisms. Oeriu S, et al. Rev Roum Physiol 5:273-8, 1968
[Studies on the regeneration of the genital organs of the planaria Dugesia lugubris. I. Regeneration of the testes after destruction] Fedecka-Bruner B.
Bull Biol France Belg 101:255-319, 1967 (Fre)
[Influence of neonatal estrogens on testis development and compensating hypertrophy after hemicastration in rats] Passouant-Fontaine T, et al.
C R Soc Biol (Paris) 162:2175-8, 1968 (Fre)
[On some aspects of sexual maturation in male golden hamsters] Czyba JC.
J Physiol (Paris) 60:Suppl 2:427, 1968 (Fre)
[Effect of dietary testosterone in prepubescent male rats with or without a vitamin deficiency] Ratsimamanga AR, et al.
J Physiol (Paris) 60:Suppl 2:526-7, 1968 (Fre)

IMMUNOLOGY

[Studies on male infertility. II. Studies on antigen-antibody reaction in the testis: histological changes of the testis in active and reversed anaphylaxis] Furutama H.
Acta Urol Jap 15:360-74, May 69 (Jap)

INJURIES

[Clinical evaluation pretumorous diseases of the testicle] Iunda IF.
Klin Khir (Kiev) 11:23-6, Nov 67 (Rus)

METABOLISM

Metabolism of 16alpha-hydroxy-pregnenolone and 17alpha-hydroxy-pregnenolone in the foeto-placental unit and mother at midgestation. Reynolds JW, et al.
Acta Endocr (Kobenhavn) 61:533-50, Jul 69
Protein bisoynthesis in the testis. IV. Isolation and properties of polyribosomes. Means AR, et al.
Biochemistry (Wash) 8:1488-95, Apr 69
Biochemical studies in a patient with chromatin-negative Klinefelter's syndrome. Dufau M, et al. Clin Chim Acta 25:389-93, Sep 69
Radiorespirometric studies on glucose metabolism in testis tissue from rat, rabbit and chicken. Free MJ, et al. Comp Biochem Physiol 30:323-33, 15 Jul 69
Behaviour of glycogen and related enzymes in the Sertoli cell syndrome. Fabbrini A, et al.
Experientia 25:647-9, 15 Jun 69
Two cases of germinal aplasia: plasma concentration and in vitro biosynthesis of androgens. Conti C, et al.
Folia Endocr (Roma) 21:404-11, Aug 68
Seasonal changes in the in vitro production of testicular androgens by the cobra (Naja naja Linn). Tam WH, et al. Gen Comp Endocr 13:117-25, Aug 69
Binding of labeled ribonucleic acid to basic proteins, a major diffic- ulty in ribonucleic acid-deoxyribonucleic acid hybridization in fixed cells in situ. Das NK, et al.
J Histochem Cytochem 17:418-22, Jun 69
Protein methylation in rat brain in vitro. Paik WK, et al.
J Neurochem 16:1257-61, Aug 69
Effect of nitrofurazone on the aerobic metabolism of uniformly labelled [14C]glucose in tissue slices of rat testes. Hollinger MA, et al.
J Reprod Fertil 19:585-9, Aug 69
Metabolism of progesterone by rattesticular homogenates. 3. Inhibitory effects of intermediates and other steroids. Nayfeh SN, et al.
Steroids 14:269-83, Sep 69
[Interpretation of the particular nutritional character of rapeseed oil; tests with swine and rats] Thoron A.
Ann Nutr (Paris) 23:103-16, 1969 (Fre)
[Studies on the biologic action of benz(a)pyrene. 3. Localization of tritiated benz(a)pyrene in rats after intraperitoneal administration] Delwaide PA.
Biochem Pharmacol 18:1275-83, Jun 69 (Fre)
[Formation of radioactive cholesterol from Na-1-14C-acetate by chick embryo gonads cultivated in vitro] Haffen K, et al.
C R Acad Sci [D] (Paris) 268:2914-7, 16 Jun 69 (Fre)
[Electron microscopic studies on liposomes and associated membranes] Geyer G, et al.
Gegenbaur Morph Jahrb 113:201-13, 1969 (Ger)
[Aspects of steroid biosynthesis in normal human testes] Sciarra F, et al.
Folia Endocr (Roma) 21:412-22, Aug 68 (Ita)

MICROBIOLOGY

[On primary isolation of Rickettsia prowazeki in biotests on guinea pigs] Zatulovs'kii BG.
Mikrobiol Zh (Kiev) 29:215-8, May-Jun 67 (Ukr)

PATHOLOGY

Comparison and analysis of the results of cytodiagnosis and frozen sections during operation. Sakai Y, et al.
Acta Cytol (Balt) 13:359-68, Jun 69
Sterility due to radioactive phosphorus in mice: a study of ovarian compensatory hypertrophy. Holmberg EA, et al. Acta Endocr (Kobenhavn) 62:133-46, Sep 69
Effects of a new diphenylethylene derivative (F 6066) on testicular morphology in man. Nylander G, et al.
Acta Soc Med Upsal 73:199-220, 1968
Bilateral agenesis of the vas deferens. Report of two cases with special reference to spermatogenesis and the epididymis. Nylander G, et al.
Acta Soc Med Upsal 73:221-8, 1968
Anterior and posterior hypopituitarism associated with sickle cell trait. Pastore RA, et al.
Ann Intern Med 71:593-8, Sep 69
Testicular maturation in adrenal hyperfunction. Coutinho JS de, et al.
Arq Brasil Endocr 16:173-81, Dec 67
The retinol requirements of rats for spermatogenesis and vision. Coward WA, et al.
Brit J Nutr 23:619-26, Aug 69
Male sterility and an autosomal translocation in Romney sheep. Bruère AN.
Cytogenetics (Basel) 8:209-18, 1969
Behaviour of glycogen and related enzymes in the Sertoli cell syndrome. Fabbrini A, et al.
Experientia 25:647-9, 15 Jun 69
Effect of carbaryl on the neuroendocrine system of rats. Shtenberg AI, et al.
Food Cosmet Toxic 6:461-7, Dec 68
Modes of action of three bacteriostatic agents in their inhibitory effect on induction of hepatoma in rats fed 4-(dimethylamono)-azobenzene. I. Effect on metabolic fate of 4-(dimethylamino)azobenzene. Miyaki K, et al. Gann 60:167-79, Apr 69
Some aspects of function in the epididymis. Experimental occlusion of the epididymis in the rabbit. Glover TD. Int J Fertil 14:216-21, Jul-Sep 69
Changes in epididymal spermatozoa and in the testes of rabbits after experimental cryptorchidism. Igboeli G, et al. J Exp Zool 170:489-97, Apr 69
The effect of cadmium chloride on the blood-testis

barrier of the guinea-pig. Johnson MH.
J Reprod Fertil 19:551-3, Aug 69

Two types of tubules containing only Sertoli cells in adults with Klinefelter's syndrome. Skakkebaek NE.
Nature (London) 223:643-5, 9 Aug 69

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 38-1969.
New Eng J Med 281:666-75, 18 Sep 69

[Increased frequency of primary spermatocytes with 2N tetrades in a testicular biopsy] Grouchy J de, et al.
Ann Genet (Paris) 12:65-6, Mar 69 (Fre)

[Pachydermoperiostosis, cryptorchism and Marfanoid apperance] Nagant de Deuxchaisnes C, et al.
Arch Belg Derm Syph 23:121-35, 1967 (Fre)

[On the origin of male sexual disorders due to a biotin deficiency. Hormone and vitamin treatments] Delost P, et al. Arch Sci Physiol (Paris) 23:243-68, 1969 (Fre)

[Waldenström's disease and amyloidosis. (Apropos of an anatomo-clinical case)] Alaoui A, et al.
Sem Hop Paris 45:768-76, 8 Mar 69 (Fre)

[Orchitis, the only manifestation of a paratyphoid B fever] Péquignot H, et al.
Sem Hop Paris 45:1754-7, 26 May 69 (Fre)

[Electron microscopic studies on liposomes and associated membranes] Geyer G, et al.
Gegenbaur Morph Jahrb 113:201-13, 1969 (Ger)

[Werner's syndrome combined with pseudo-Klinefelter's syndrome] Tritsch H, et al.
Hautarzt 19:547-51, Dec 68 (Ger)

[Studies on male infertility. II. Studies on antigen-antibody reaction in the testis: histological changes of the testis in active and reversed anaphylaxis] Furutama H.
Acta Urol Jap 15:360-74, May 69 (Jap)

[New antibiotic, Josamycin. 8. 6-month toxicity test of Josamycin in rats] Hazato H, et al.
Jap J Antibiot 22:242-53, Jun 69 (Jap)

[The effect of tracer P32 doses on the function and structure of male gonads] Panajotow D, et al.
Endokr Pol 20:303-9, 1969 (Pol)

[Changes in the internal organs of mice during hypoxic hypoxia] Portugalov VV, et al.
Arkh Pat 30:39-45, 1968 (Rus)

[On a case of ovotestis in an albino rat] Petorak I.
Tip Fak Mec (Istanbul) 31:50-8, 1968 (Tur)

PHYSIOLOGY

Influence of sex hormones on gastric acid secretion in the guinea pig. Katz S, et al.
Amer J Physiol 217:370-5, Aug 69

Ribosomes of mouse kidney: regulation by androgens. Kochakian CD, et al. Amer J Physiol 217:383-91, Aug 69

Effects of estrogen or progesterone on prepuberal ovaries implanted in castrated adult male rats. Riboni L, et al. Experientia 25:754-5, 1969

Allogenic transplants of testicular tissue in the golden hamster. Age factor. Maroń K, et al.
Folia Biol (Krakow) 17:141-3, 1969

The role of sex hormones in problems of the mature years and beyond. Geller J.
J Amer Geriat Soc 17:861-73, Sep 69

Hormonal regulation of aminopyrine N-demethylase system in rat liver. Ichii S, et al.
J Biochem (Tokyo) 65:597-601, Apr 69

Partial characterization of the RNA stimulating growth of the seminal vesicle. Fujii T, et al.
Proc Nat Acad Sci USA 62:836-43, Mar 69

The role of the hypothalamus in hormonal sex differentiation. Hyyppä M.
Rev Roum Physiol 5:289-99, 1968

[Study of the penetration of 3H-1,2-testosterone into the anterior pituitary, hypothalamus and cerebral cortex of normal and castrated rats] Samperez S, et al.
Bull Soc Chim Biol (Paris) 51:117-31, 4 Jun 69 (Fre)

[Demonstration of a macromolecular association of 3H-1-2-testosterone in normal and castrated rat anterior pituitary and hypothalamus] Samperez S, et al. C R Acad Sci [D] (Paris) 268:2965-7, 16 Jun 69 (Fre)

[Influence of castration on intestinal absorption and blood transport of silicium in rats] Charnot Y, et al.
C R Soc Biol (Paris) 162:2129-31, 1968 (Fre)

[Effects of castration on anterior pituitary cytology in male guinea pigs] Tramu G.
C R Soc Biol (Paris) 162:1941-3, May 69 (Fre)

[New data on seasonal endocrine cycles] Delost P.
J Physiol (Paris) 60:Suppl 2:356, 1968 (Fre)

[Testiculary hematopoiesis in the child] Calame A.
Virchow Arch [Path Anat] 347:225-34, 1969 (Fre)

[Testicular function tests] Kumamoto Y.
Jap J Clin Med 27:578-84, Mar 69 (Jap)

[The effect of sex gland stimulation on regeneration of the thyroid gland] Miroinichenko EV.
Biull Eksp Biol Med 67:87-90, Mar 69 (Rus)

PHYSIOPATHOLOGY

Urinary levels of testosterone and epitestosterone in Down's syndrome (mongolism). Peters A, et al.
Clin Chim Acta 25:199-203, Aug 69

Induction of autoimmune aspermatogenesis by noncellular cytophilic material. Pokorná Z.
Folia Biol (Krakow) 17:173-80, 1969

[Testicular function in idiopathic hemochromatosis] Gilbert-Dreyfus.
Rev Franc Endocr Clin 10:191-203, May-Jun 69 (Fre)

[The effect of chorionic gonadotropin on plasma testosterone in men] Vogt JH, et al.
Nord Med 82:1045-9, 21 Aug 69 (Nor)

[The status of sexual function in peptic ulcer] Neshkov NS, et al. Vrach Delo 6:142-3, Jun 69 (Rus)

RADIATION EFFECTS

Sterility due to radioactive phosphorus in mice: a study of ovarian compensatory hypertrophy. Holmberg EA, et al. Acta Endocr (Kobenhavn) 62:133-46, Sep 69

Two cases of germinal aplasia: plasma concentration and in vitro biosynthesis of androgens. Conti C, et al.
Folia Endocr (Roma) 21:404-11, Aug 68

Transitory free radicals in irradiated animal tissues. Kenny P, et al. Nature (London) 223:1229-33, 20 Sep 69

[Studies on the regeneration of the genital organs of the planaria Dugesia lugubris. I. Regeneration of the testes after destruction] Fedecka-Bruner B.
Bull Biol France Belg 101:255-319, 1967 (Fre)

[The effect of tracer P32 doses on the function and structure of male gonads] Panajotow D, et al.
Endokr Pol 20:303-9, 1969 (Pol)

SECRETION

Presence of hypothalamo-pituitary testicular axis in the early postnatal period. Yagimura T, et al.
Endocr Jap 16:5-10, Feb 69

SURGERY

Refractory anemia with leukemic transformation and chromosomal change. Silberman S, et al.
Acta Haemat (Basel) 41:186-92, 1969

Preparation of a child for hospitalization and surgery. Mellish RW. Pediat Clin N Amer 16:543-53, Aug 69

[Qualitative data on hormone synthesis of auto- and homplastic thyroid grafts implanted in the testis of thyroid-deficient guinea pigs] Fabre M, et al.
C R Soc Biol (Paris) 163:197-200, 1969 (Fre)

[Elimination of urinary corticosteroids by European hamster (Cricetus cricetus) adrenalectomized and bearing an intratesticular adrenal homograft] Canguilhem B, et al.
J Physiol (Paris) 60:Suppl 2:353, 1968 (Fre)

[Testicular infarct in rheumatoid purpura] Fournier A, et al. J Sci Med Lille 85:397-401, Jun-Aug 67 (Fre)

[Testicular tumor] Rostad H.
Nord Med 82:1037-41, 21 Aug 69 (Nor)

[Testicular ectopia. Therapeutic criteria and the importance of early treatment] Veppo AA, et al.
Prensa Med Argent 56:474-8, 16 May 69 (Spa)

[Adenomatoid tumors of the funiculus, epididymis, and tunica vaginalis testis] Keskitalo E, et al.
Nord Med 82:1043-5, 21 Aug 69 (Swe)

TRANSPLANTATION

Allogenic transplants of testicular tissue in the golden hamster. Age factor. Maroń K, et al.
Folia Biol (Krakow) 17:141-3, 1969

II. Disorders of the Gonads

ARRHENOBLASTOMA

[On the problem of arrhenoblastoma of the ovary] Shamis AA.
Akush Ginek (Moskva) 43:58-9, Apr 67 (Rus)

COMPLICATIONS

A clinical and metabolic study of masculinizing arrhenoblastoma. Sato T, et al.
Amer J Obstet Gynec 104:1124-30, 15 Aug 69

METABOLISM

A clinical and metabolic study of masculinizing arrhenoblastoma. Sato T, et al.
Amer J Obstet Gynec 104:1124-30, 15 Aug 69

PATHOLOGY

A clinical and metabolic study of masculinizing arrhenoblastoma. Sato T, et al.
Amer J Obstet Gynec 104:1124-30, 15 Aug 69

BRENNER TUMOR

COMPLICATIONS

Brenner's tumor with theca cell luteinization and hormonal function. Paalman RJ, et al.
Amer J Obstet Gynec 104:1216-8, 15 Aug 69

PATHOLOGY

Brenner's tumor with theca cell luteinization and hormonal function. Paalman RJ, et al.
Amer J Obstet Gynec 104:1216-8, 15 Aug 69

CRYPTORCHISM

[The genetics of sterility] Gedda L.
Acta Genet Med Gemellol (Roma) 17:543-76, Oct 68 (Ita)

COMPLICATIONS

Homotransplantation of both kidneys from an anencephalic monster to a 17 pound boy with Eagle-Barret syndrome. Martin LW, et al.
Surgery 66:803-7, Sep 69

[Pachydermoperiostosis, cryptorchism and Marfanoid apperance] Nagant de Deuxchaisnes C, et al.
Arch Belg Derm Syph 23:121-35, 1967 (Fre)

[The abdominal wall aplasia syndrome] Mildenberger H. **Med Welt 23:1332-5, 7 Jun 69 (Ger)**

[Malignant neoplasms of undescended testicles] Piasecki Z, et al.
Pol Przegl Chir 41:Suppl 4a:552+, 1969 (Pol)

[Clinical evaluation pretumorous diseases of the testicle] Iunda IF.
Klin Khir (Kiev) 11:23-6, Nov 67 (Rus)

[A case of testicular seminoma in a patient with bilateral cryptorchism] Kalaída LP.
Klin Khir (Kiev) 2:74, Feb 68 (Rus)

DRUG THERAPY

[Current state and prerequisites for improvement of hormone therapy in cryptorchism (review of the literature)] Iunda IF, et al.
Probl Endokr (Moskva) 15:112-6, Mar-Apr 69 (113 ref.) (Rus)

ENZYMOLOGY

A histochemical study of the effect of estrogen on oxidative enzymes in the testes of cryptorchid BALB/c mice. Currie C, et al.
Endocrinology 85:849-54, Nov 69

FAMILIAL & GENETIC

Abnormal sex chromatin pattern in cryptorchidism, girls with short stature and other endocrine patients. Bergadá C, et al. **Helv Paediat Acta 24:372-7, Aug 69**

Syndrome of retardation with urogenital and skeletal anomalies (Smith-Lemli-Opitz syndrome): clinical features and mode of inheritance. Dallaire L.
J Med Genet 6:113-20, Jun 69

METABOLISM

Dichroism with congo red. A specific test for amyloid? Reissenweber NJ, et al.
Virchow Arch [Path Anat] 347:254-9, 1969

PATHOLOGY

Estimation of the volume of Leydig cells in man. Ahmad KN, et al. **Lancet 2:461-4, 30 Aug 69**

PHYSIOPATHOLOGY

Changes in epididymal spermatozoa and in the testes of rabbits after experimental cryptorchidism. Igboeli G, et al. **J Exp Zool 170:489-97, Apr 69**

Oxygen tension in testes of normal and cryptorchid rats. Massie ED, et al. **J Reprod Fertil 19:559-61, Aug 69**

SURGERY

[DeNetto's orchiopexy: a procedure of scrotal pouch technique without traction] Sakatoku J, et al.
Acta Urol Jap 15:423-7, Jun 69 (Jap)

[Assessment of the results of surgical treatment of cryptorchism by the Petrivalsky-Shoemacker method] Swiętochowski A, et al.
Pol Przegl Chir 41:Suppl 4a:525+, 1969 (Pol)

[Current state and prerequisites for improvement of hormone therapy in cryptorchism (review of the literature)] Iunda IF, et al.
Probl Endokr (Moskva) 15:112-6, Mar-Apr 69 (113 ref.) (Rus)

VETERINARY

Cytogenetical analysis of an ovine male pseudohermaphrodite and the possible role of the Y chromosome in cryptorchidism of sheep. Bruère AN, et al. **Cytogenetics (Basel) 8:148-57, 1969**

DISGERMINOMA

Cancer of the oral cavity. Five year end results in 237 patients. Trible WM. **Ann Otol 78:716-24, Aug 69**

[Seminoma-like mediastinal tumor] Inada K, et al.
Jap J Thorac Surg 22:442-6, Jun 69 (Jap)

BLOOD

[Electrophoretic and infrared spectrographic studies on the serum of cancer patients] Sorisio F, et al.
Minerva Chir 23:1286-95, 31 Dec 68 (Ita)

CHEMICALLY INDUCED

Primary malignancy in patients undergoing immunosuppression for renal transplantation. McKhann CF. **Transplantation 8:209-12, Aug 69**

COMPLICATIONS

[A case of testicular seminoma in a patient with bilateral cryptorchism] Kalaída LP.
Klin Khir (Kiev) 2:74, Feb 68 (Rus)

DIAGNOSIS

[Testicular tumor] Rostad H.
Nord Med 82:1037-41, 21 Aug 69 (Nor)

ETIOLOGY

[Malignant neoplasms of undescended testicles] Piasecki Z, et al.
Pol Przegl Chir 41:Suppl 4a:552+, 1969 (Pol)

FAMILIAL & GENETIC

Chromosomal abnormalities in certain human malignancies. A review. Gottlieb SK.
JAMA 209:1063-6, 18 Aug 69 (18 ref.)

IMMUNOLOGY

Considerations of some serologic reactions for autoantibodies against the liver. Mori W, et al.
Amer J Dig Dis 14:566-77, Aug 69

MORTALITY

[Mortality of malignant neoplasms in young men] Witzel L. Med Klin 64:1351-4, 25 Jul 69 (Ger)

OCCURRENCE

Primary malignancy in patients undergoing immunosuppression for renal transplantation. McKhann CF. Transplantation 8:209-12, Aug 69

PATHOLOGY

Dysgerminoma of the ovary. Ragbeer MM, et al.
W Indian Med J 17:149-54, Sep 68
[Modern diagnosis and therapy of malignant germinal testicular tumors] Sigel A.
Deutsch Med J 19:730-6, 20 Oct 68 (Ger)
[Testicular seminoma metastasising as embryonal carcinoma, teratoma and choriocarinoma] Pizzocaro G, et al. Cancro 21:57-62, 1968 (Ita)

RADIOTHERAPY

[Nephropathy secondary to irradiation] Campanacci L, et al. Folia Med (Napoli) 51:905-33, 12 Dec 68 (Ita)
[Lymphographic study following lumbar-aortic cellulo-lymphadenectomy for testicular neoplasms] De Dominicis R, et al.
Radiol Med (Torino) 54:1159-79, Nov 68 (Ita)

SURGERY

Radiotherapy in malignant disease of the ovary. Dalley VM. Proc Roy Soc Med 62:359-61, Apr 69
Treatment of ovarian carcinoma: surgical aspects. Roberts D. Proc Roy Soc Med 62:358-9, Apr 69
[Lymphographic study following lumbar-aortic cellulo-lymphadenectomy for testicular neoplasms] De Dominicis R, et al.
Radiol Med (Torino) 54:1159-79, Nov 68 (Ita)

THERAPY

[Treatment and prognosis of malignant ovarian tumors] Imaizumi S, et al. Iryo 23:516-25, Apr 69 (Jap)

VETERINARY

A case of dysgerminoma in a dog. Vaidya VG, et al.
Indian Vet J 46:475-6, Jun 69

EUNUCHISM

Turner syndrome and Noonan's syndrome. Carballo EC.
J Pediat 75:729-30, Oct 69

GONADS

ABNORMALITIES

[Action of diethylstilbestrol on the hybrid from the crossBarbariedrake x Khaki Campbellduck] Lutz-Ostertag Y.
C R Acad Sci [D] (Paris) 268:3115-8, 23 Jun 69 (Fre)

GRANULOSA CELL TUMOR

[Tumors of the granulosa. Review of the literature and presentation of 7 cases] Audet-Lapointe P, et al.
Un Med Canada 96:975-1000, Aug 67 (74 ref.) (Fre)

CHEMICALLY INDUCED

Tumorigenesis in the androgen-sterile rat: reciprocal incidence of carcinogen induced-mammary gland and ovarian tumors. Stern E, et al.
Rass Neurol Veg 21:99-117, 30 Apr 67

DIAGNOSIS

Equine granulosa tumours. Cordes DO.
Vet Rec 85:186-8, 16 Aug 69

DRUG THERAPY

Radioimmunoassayable serum LH and FSH in girls with sexual precocity, premature thelarche and adrenarche. Kenny FM, et al.
J Clin Endocr 29:1272-5, Sep 69

METABOLISM

Tumor sterols. Day EA, et al.
Metabolism 18:646-51, Aug 69

PATHOLOGY

Malignant obliteration of the pericardial cavity, secondary to ovarian cancer. Cantrell EG, et al.
E Afr Med J 46:174-8, Mar 69
Tumorigenesis in the androgen-sterile rat: reciprocal incidence of carcinogen induced-mammary gland and ovarian tumors. Stern E, et al.
Rass Neurol Veg 21:99-117, 30 Apr 67
Equine granulosa tumours. Cordes DO.
Vet Rec 85:186-8, 16 Aug 69
[Morphology of the ovaries in mice after general single dose of x-ray irradiation] Borovkov AI.
Arkh Pat 30:31-6, 1968 (Rus)

VETERINARY

Equine granulosa tumours. Cordes DO.
Vet Rec 85:186-8, 16 Aug 69

HERMAPHRODITISM

Experimental reversal of germ cells. Turner CD.
Embryologia (Nagoya) 10:206-30, Feb 69 (23 ref.)
Rudimentary hermaphroditism and automictic parthenogenesis in Limnadia lenticularis (Phyllopoda, Conchostraca). Zaffagnini F.
Experientia 25:650-1, 15 Jun 69
Female pseudohermaphroditism in conjoined twins. Khanna KK, et al. Indian J Med Sci 23:201-5, Apr 69
Pseudohermaphroditism and physical efficiency. Tachezy R. J Sports Med 9:119-22, Jun 69
[Possibilities of cytogenetic examination in sexual aberrations] Nováček J.
Cesk Pediat 24:632-6, Jul 69 (Cze)
[Experimental study of determinism of external sex characteristics in Porcellio dilatatus Brdt intersex (terrestrial Isopodal Crustacea)] Besse G, et al.
C R Soc Biol (Paris) 162:2196-200, 1968 (Fre)
[Environment and psychosexual development] Völkel H. Bibl Psychiat Neurol 141:148-68, 1969 (Ger)
[Colpoplasty using the sigmoid in a case of testicular feminization] György G, et al.
Orv Hetil 110:1790-4, 3 Aug 69 (Hun)
[The genetics of sterility] Gedda L.
Acta Genet Med Gemellol (Roma) 17:543-76, Oct 68 (Ita)
[Description of a case of XX-XY mosaicism in a patient with ambiguous external genitalia and female internal genitalia] Minozzi M, et al.
Folia Endocr (Roma) 21:431-46, Aug 68 (Ita)

BLOOD

[Clinical and biochemical studies in a female patient with mixed gonadal dysgenesis] Zimprich H.
Wien Klin Wschr 81:475-8 passim, 20 Jun 69 (Ger)

CHEMICALLY INDUCED

[Action of diethylstilbestrol on the hybrid from the crossBarbariedrake x Khaki Campbellduck] Lutz-Ostertag Y.
C R Acad Sci [D] (Paris) 268:3115-8, 23 Jun 69 (Fre)

CLASSIFICATION

[Classification of intersexuality] Boczkowski K.
Ginek Pol 40:938-46, Aug 69 (Pol)

COMPLICATIONS

Two different mutations within the same sibship: thanatophoric dwarfism and ullrich-feichtiger syndrome. Huguenin M, et al.
Helv Paediat Acta 24:239-45, Jun 69

DIAGNOSIS

A case of adult male pseudohermaphroditism: the problems of diagnosis and treatment. Jelinek VM, et al. Med J Aust 2:150-3, 19 Jul 69
[Adhesions of the labia minoro in young girls] Hamming HD, et al.
Nederl T Geneesk 113:1493-6, 30 Aug 69 (Dut)
[Diagnostic procedure and problem of sex assignation in children with intersexual genitals] Szczepski O, et al. Endokr Pol 20:289-94, 1969 (Pol)
[Clinical and genetical studies in testicular feminization syndrome] Boczkowski K.
Ginek Pol 40:549-57, May 69 (Pol)

FAMILIAL & GENETIC

Abnormal sex chromatin pattern in cryptorchidism, girls with short stature and other endocrine patients. Bergadá C, et al. Helv Paediat Acta 24:372-7, Aug 69
Hereditary factors in obstetrics and gynecology. Simpson JL, et al.
Obstet Gynec Survey 24:580-601, Jul 69 (162 ref.)
[A case of familial hermaphroditism] Sieptsov VP, et al.
Probl Endokr (Moskva) 15:56-7, Mar-Apr 69 (Rus)
[Hermaphroditism and chromosome mosaicism] Haberlandt WF.
Folia Clin Int (Barc) 19:335-9, Jun 69 (Spa)
[Mixed gonadal dysgenesia. Findings on a case report] Herrera JL, et al.
Rev Clin Esp 111:411-6, 30 Nov 68 (Spa)

METABOLISM

Dichroism with congo red. A specific test for amyloid? Reissenweber NJ, et al.
Virchow Arch [Path Anat] 347:254-9, 1969

PATHOLOGY

Cytogenetical analysis of an ovine male pseudohermaphrodite and the possible role of the Y chromosome in cryptorchidism of sheep. Bruère AN, et al. Cytogenetics (Basel) 8:148-57, 1969
[True hermaphroditism with characteristics of Klinefelter's syndrome] Pardini H, et al.
Arq Brasil Endocr 16:191-9, Dec 67 (Por)
[Mixed gonadal dysgenesia. Findings on a case report] Herrera JL, et al.
Rev Clin Esp 111:411-6, 30 Nov 68 (Spa)

SURGERY

Transsexualism. Hoffman M.
Amer J Psychiat 126:269-70, Aug 69
Transsexualism. Reply. Socarides CW.
Amer J Psychiat 126:270, Aug 69
Vaginal aplasia. Goldltch IM.
Surg Gynec Obstet 129:361-7, Aug 69 (102 ref.)
[Transsexualism and legal status] Uhlenbruck W.
Med Klin 64:1178, 20 Jun 69 (Ger)

THERAPY

Transsexualism. Hoffman M.
Amer J Psychiat 126:269-70, Aug 69
A case of adult male pseudohermaphroditism: the problems of diagnosis and treatment. Jelinek VM, et al. Med J Aust 2:150-3, 19 Jul 69

URINE

[Study of cortisol precursors(21-deoxysteroids and 17-ketosteroids) in the congenital adrenocongenital syndrome] Aznar Reig A, et al.
Rev Clin Esp 111:365-74, 30 Nov 68 (Spa)

VETERINARY

Cytogenetical analysis of an ovine male pseudohermaphrodite and the possible role of the Y chromosome in cryptorchidism of sheep. Bruère AN, et al. Cytogenetics (Basel) 8:148-57, 1969
[On a case of ovotestis in an albino rat] Petorak I.
Tip Fak Mec (Istanbul) 31:50-8, 1968 (Tur)

HYPOGONADISM

Familial ataxia, hypogonadism and retinal degeneration. Boucher BJ, et al.
Acta Neurol Scand 45:507-10, 1969
[The genetics of sterility] Gedda L.
Acta Genet Med Gemellol (Roma) 17:543-76, Oct 68 (Ita)

BLOOD

[Clinical and biochemical studies in a female patient with mixed gonadal dysgenesis] Zimprich H.
Wien Klin Wschr 81:475-8 passim, 20 Jun 69 (Ger)

CLASSIFICATION

[The effect of chorionic gonadotropin on plasma testosterone in men] Vogt JH, et al.
Nord Med 82:1045-9, 21 Aug 69 (Nor)

COMPLICATIONS

Target gland insufficiency and pultuary tumours. Leiba S, et al. Acta Endocr (Kobenhavn) 60:112-20, Jan 69
Hypogonadism presenting as a psychiatric disorder. Hore BD. Brit J Psychiat 115:863-4, Jul 69
Turner syndrome and Noonan's syndrome. Carballo EC. J Pediat 75:729-30, Oct 69
Turner syndrome and Noonan's syndrome. Summitt RL. J Pediat 75:730-1, Oct 69
Hereditary deafness in man. Konigsmark BW.
New Eng J Med 281:774-8 contd, 2 Oct 69 (24 ref.)
[Endocrine interrelations in diabetes mellitus in children] Barta L.
Arch Kinderheilk 179:7-16, May 69 (Ger)
[H20 (hypotonia, hypomentia and obesity) syndrome] Ueda K, et al. Jap J Clin Med 27:1510-1, May 69 (Jap)

DRUG THERAPY

[Changes in the endometrium caused by retrosteroid RO-4-8347] Herzer H, et al.
Gynaecologia (Basel) 168:1-24, 1969 (Ger)
[The effect of chorionic gonadotropin on plasma testosterone in men] Vogt JH, et al.
Nord Med 82:1045-9, 21 Aug 69 (Nor)
[The effect of male sex hormones on the thyroid gland function in hypogonadism and Kleinfelter's syndrome] Starkova NT, et al.
Probl Endokr (Moskva) 14:23-9, Jul-Aug 68 (Rus)

FAMILIAL & GENETIC

Failure of transmission of the extra chromosome in subjects with 47,XYY karyotype. Melnyk J, et al.
Lancet 2:797-8, 11 Oct 69

METABOLISM

Two cases of germinal aplasia: plasma concentration and in vitro biosynthesis of androgens. Conti C, et al.
Folia Endocr (Roma) 21:404-11, Aug 68

PHYSIOPATHOLOGY

[Functional state of the thyroid gland in hypogonadism] Alekseev LG.
Probl Endokr (Moskva) 14:33-6, May-Jun 68 (Rus)
[The effect of male sex hormones on the thyroid gland function in hypogonadism and Kleinfelter's syndrome] Starkova NT, et al.
Probl Endokr (Moskva) 14:23-9, Jul-Aug 68 (Rus)
[Condition of the bone-joint system in male hypogonadism (clinico-roentgenological examination] Starkova NT, et al.
Probl Endokr (Moskva) 15:3-7, May-Jun 69 (Rus)

RADIOGRAPHY

[Condition of the bone-joint system in male

hypogonadism (clinico-roentgenological examination] Starkova NT, et al.
Probl Endokr (Moskva) 15:3-7, May-Jun 69 (Rus)

URINE

A simplified determination of urinary testosterone utilizing column and gas-liquid chromatography. Watson JT. J Chromatogr 43:339-49, 9 Sep 69

KLINEFELTER'S SYNDROME

Abnormal height in children. Hamilton W.
Develop Med Child Neurol 11:521-4, Aug 69
ACTH-excess and increased urinary pressor activity. Limaye NR, et al. Exp Med Surg 25:178-84, 1967
XYY syndrome, and XYY-XXYY mosaicism also showing features of Klinefelter's syndrome. Spencer DA, et al. J Med Genet 6:159-65, Jun 69
Recent studies on androgenic function in human subjects. Ismail AA, et al.
J Obstet Gynaec Brit Comm 75:929-40, Sep 68 (78 ref.)
Abnormal sex chromosomes and mental disorders. Polani PE.
Nature (London) 223:680-6, 16 Aug 69 (98 ref.)
Chromosomal abnormalities in clinical medicine. Carr DH. Progr Med Genet 6:1-61, 1969 (362 ref.)
Dermatoglyphics of XXYY Klinefelter's syndrome. Shiono H. Tohoku J Exp Med 98:1-6, May 69
[Chromosome aberrations and psyche] Züblin W.
Bibl Psychiat Neurol 140:1-159, 1969 (999 ref.) (Ger)
[The genetics of sterility] Gedda L.
Acta Genet Med Gemellol (Roma) 17:543-76, Oct 68 (Ita)
[Dermatoglyphics in Klinefelter's syndrome] Dzik A, et al. Endokr Pol 20:295-302, 1969 (Pol)
[Sex chromatin in the gonads of men with Klinefelter's syndrome] Herman E, et al.
Ginek Pol 40:559-63, May 69 (Pol)

COMPLICATIONS

A case of Klinefelter's syndrome with 48,XXXY and diabetes mellitus. Esmann V, et al.
Acta Med Scand 186:27-33, Jul-Aug 69
An unusual sex chromosome mosaicism. Spencer DA.
Brit J Psychiat 115:747, Jun 69
Congenital dislocation of the head of the radius. Almquist EE, et al.
J Bone Joint Surg [Amer] 51:1118-27, Sep 69
Frequency of diabetes mellitus in patients with Klinefelter's syndrome of different chromosome constitutions and the XYY syndrome. Plasma insulin and growth hormone level after a glucose load. Nielsen J, et al. J Clin Endocr 29:1062-73, Aug 69
[Case of Klinefelter's syndrome with low glucose tolerance] Nagamatsu S, et al.
Naika 23:992-3, May 69 (Jap)

DIAGNOSIS

[Werner's syndrome combined with pseudo-Klinefelter's syndrome] Tritsch H, et al.
Hautarzt 19:547-51, Dec 68 (Ger)
[True hermaphroditism with characteristics of Klinefelter's syndrome] Pardini H, et al.
Arq Brasil Endocr 16:191-9, Dec 67 (Por)
[Induced hypercalcemia test in patients with gonadal dysgenesis] Pencea V, et al.
Rev Medicochir Iasi 73:313-8, Apr-Jun 69 (Rum)

DRUG THERAPY

A case of Klinefelter's syndrome with 48,XXXY and diabetes mellitus. Esmann V, et al.
Acta Med Scand 186:27-33, Jul-Aug 69
[The effect of male sex hormones on the thyroid gland function in hypogonadism and Kleinfelter's syndrome] Starkova NT, et al.
Probl Endokr (Moskva) 14:23-9, Jul-Aug 68 (Rus)

ENZYMOLOGY

Biochemical studies in a patient with chromatin-negative Klinefelter's syndrome. Dufau M, et al. Clin Chim Acta 25:389-93, Sep 69

FAMILIAL & GENETIC

Abnormal sex chromatin pattern in cryptorchidism, girls with short stature and other endocrine patients. Bergadá C, et al. Helv Paediat Acta 24:372-7, Aug 69
Klinefelter's syndrome and essential tremor. Baughman FA Jr. Lancet 2:545, 6 Sep 69

METABOLISM

Biochemical studies in a patient with chromatin-negative Klinefelter's syndrome. Dufau M, et al. Clin Chim Acta 25:389-93, Sep 69

PATHOLOGY

Estimation of the volume of Leydig cells in man. Ahmad KN, et al. Lancet 2:461-4, 30 Aug 69
Two types of tubules containing only Sertoli cells in adults with Klinefelter's syndrome. Skakkebaek NE. Nature (London) 223:643-5, 9 Aug 69
[Werner's syndrome combined with pseudo-Klinefelter's syndrome] Tritsch H, et al.
Hautarzt 19:547-51, Dec 68 (Ger)

PHYSIOPATHOLOGY

Electro-encephalographic findings in patients with Klinefelter's syndrome and the XYY syndrome. Nielsen J, et al. Acta Neurol Scand 45:87-94, 1969
[The effect of male sex hormones on the thyroid gland function in hypogonadism and Kleinfelter's syndrome] Starkova NT, et al.
Probl Endokr (Moskva) 14:23-9, Jul-Aug 68 (Rus)

URINE

Hyperresponsiveness to metyrapone. Sabeh G, et al.
Exp Med Surg 25:218-28, 1967

OVARIAN CYSTS

Purification and characterization of a blood-group A reactive hemagglutinin from the snail Helix pomatia and a study of its combining site. Hammarström S, et al. Biochemistry (Wash) 8:2696-705, Jul 69
[On the combination of teratoma with cysts and tumors of the ovaries] Kondrikov NI.
Akush Ginek (Moskva) 43:52-5, Apr 67 (Rus)

COMPLICATIONS

Intussusception of a fallopian tube. Adams BE.
Amer J Surg 118:591-2, Oct 69
Intra-abdominal adhesions as a manifestation of a fibrotic diathesis. Ashby EC.
Brit Med J 1:350-2, 9 Aug 69
[Albright's syndrome] Lakaye G.
Arch Belg Derm Syph 24:169-71, 1968 (Fre)
[Findings involving the polycystic ovaries and the Stein-Leventhal syndrome] Santos Alves JE dos.
Hospital (Rio) 75:1297-317, Apr 69 (Por)

DIAGNOSIS

[Case of appendix mucocele resembling ovarian cyst] Nishimaki M, et al. Iryo 23:237-40, Feb 69 (Jap)
[Syndrome of the polycystic ovary and the Vito Patrono test in its differential diagnosis. Therapeutic findings] Molina Navia L.
Ginec Obstet Mex 22:1521-6, Nov 67 (Spa)

FAMILIAL & GENETIC

An association of Rh type and gynaecological disease with twinning. De George FV.
J Med Genet 6:121-5, Jun 69

IMMUNOLOGY

[Antigenic properties of the ovary. Their demonstration in ovarian tissue, follicular fluid and cervical mucus] Hervé R, et al.
Presse Med 76:2421-4, 25 Dec 68 (Fre)

METABOLISM

Steroidogenesis in a case of hydatidiform mole. Coutts JR, et al. J Endocr 44:335-48, Jul 69

OCCURRENCE

[Radiologic diagnosis of ovarian dermoid cysts] Cacault J, et al. Sem Hop Paris 45:1114-7, 8 Apr 69 (Fre)

PATHOLOGY

Glandular inclusions in pelvic and abdominal para-aortic lymph nodes. A study of autopsy and surgical material in males and females. Karp LA, et al. Amer J Clin Path 52:212-8, Aug 69

[Radiologic diagnosis of ovarian dermoid cysts] Cacault J, et al. Sem Hop Paris 45:1114-7, 8 Apr 69 (Fre)

RADIOGRAPHY

[Radiologic diagnosis of ovarian dermoid cysts] Cacault J, et al. Sem Hop Paris 45:1114-7, 8 Apr 69 (Fre)

[What diagnosis wound you make?] Med Klin 64:1245 passim, 4 Jul 69 (Ger)

[The diagnosis of acute gynecologic abdomen in relation to its clinico-radiological findings. IV. Acute clinico-radiological pattern due to adnexal neoformations: ovarian cysts and cystomas; primary neoplastic processes of the ovary] Frassineti A, et al. Osped Ital Chir 17:297-313, Sep 67 (Ita)

[Roentgenologic methods for differential diagnosis of tumors of the female genital organs] Krauz VS, et al. Vop Onkol 15:17-22, 1969 (Rus)

SURGERY

[Early intestinal obstruction] Babalich AK. Vrach Delo 6:129-31, Jun 69 (Rus)

OVARIAN DISEASES

[New endocrine disorders attracting current interest--female gonadal system] Tojo S. Clin Endocr (Tokyo) 17:422-6, May 69 (Jap)

COMPLICATIONS

[Sexual and social problems of young women with ovarian dysfunction] König PA. Arch Gynaek 207:98-9, 1969 (Ger)

[Primary congenital middle-ear tuberculosis in an infant] Hasihofer L. Arch Klin Exp Ohr Nas Kehlkopfheilk 193:236-58, 1969 (Ger)

DIAGNOSIS

A sequestered ovary as a loose peritoneal body. Burns JB, et al. Southern Med J 62:995-9, Aug 69

[Apoplexy of the ovary and acute appendicitis] Dekhtiar' EG, et al. Klin Khir (Kiev) 2:48-9, Feb 68 (Rus)

DRUG THERAPY

[Treatment of amenorrheas and oligomenorrheas with the retrosteroid RO 4-8347] Gerhard I, et al. Gynaecologia (Basel) 168:25-39, 1969 (Fre)

[Changes in the endometrium caused by retrosteroid RO-4-8347] Herzer H, et al. Gynaecologia (Basel) 168:1-24, 1969 (Ger)

[Endocrinological consideration of ovulation] Tojo S, et al. Sanfujin Jissai 18:285-93, Apr 69 (46 ref.) (Jap)

MICROBIOLOGY

Salmonella infections of the ovary and peritoneum of chickens. Snoeyenbos GH, et al. Avian Dis 13:668-70, Aug 69

PATHOLOGY

Histological and histochemical studies of human anovulatory ovaries correlated with endocrinological analysis. Mori T. Acta Obstet Gynaec Jap 16:156-64, Jul 69

Comparative study of ovarian hypertrophy and estral cycle in rats with two different mesencephalic lesions. Griñó E, et al. J Neurovisc Relat 31:76-85, 1968

PREVENTION & CONTROL

[Prevention and treatment of climacteric disorders] Tourinho CR. Hospital (Rio) 75:1453-61, Apr 69 (Por)

RADIOGRAPHY

A sequestered ovary as a loose peritoneal body. Burns JB, et al. Southern Med J 62:995-9, Aug 69

VETERINARY

Salmonella infections of the ovary and peritoneum of chickens. Snoeyenbos GH, et al. Avian Dis 13:668-70, Aug 69

[Types of atresia of the cavity follicles in the ontogenesis of sheep] Vasin AD. Veterinariia 44:87-8, Dec 67 (Rus)

OVARIAN NEOPLASMS

Isotope encephalography with cholografin I-131. Biologic and physical characteristics. Fish VJ, et al. Amer J Roentgen 106:724-30, Aug 69

[Ovarian carcinoma: chemotherapy following irradiation; preliminary results] Kuipers T. Nederl T Geneesk 113:1530-2, 30 Aug 69 (Dut)

[Tumors of the granulosa. Review of the literature and presentation of 7 cases] Audet-Lapointe P, et al. Un Med Canada 96:975-1000, Aug 67 (74 ref.) (Fre)

[The influence of the uterus on the development of experimental ovarian neoplasms] Gitsch E, et al. Arch Gynaek 207:36-8, 1969 (Ger)

[Sex chromatin in ovarian tumors] Egawa J. Endocr Jap 16:17-20, Feb 69 (Ger)

[On the problem of arrhenoblastoma of the ovary] Shamis AA. Akush Ginek (Moskva) 43:58-9, Apr 67 (Rus)

CHEMICALLY INDUCED

In vivo oxidation of glucose-1-14C and glucose-6-14C in mice with 7,12-dimethylbenz-[a]anthracene-induced tumors. Burki HR, et al. J Nat Cancer Inst 43:643-51, Sep 69

Tumorigenesis in the androgen-sterile rat: reciprocal incidence of carcinogen induced-mammary gland and ovarian tumors. Stern E, et al. Rass Neurol Veg 21:99-117, 30 Apr 67

Lupus vulgaris, isoniazid, and cancer. The frequency of cancer deaths in 245 isoniazid-treated lupus vulgaris patients with an average observation period of 12 years. Nyfors A. Scand J Resp Dis 49:264-9, 1968

[Contraceptive pills and neoplasms of the breast, uterus and ovaries] Haddad J. Rev Ass Med Brasil 15:43-50, Jan 69 (57 ref.) (Por)

CLASSIFICATION

Comparative pathology of ovarian neoplasms. II. Gonadal stromal tumors of bovine species. Norris HJ, et al. Path Vet (Basel) 6:45-58, 1969

COMPLICATIONS

Brenner's tumor with theca cell luteinization and hormonal function. Paalman RJ, et al. Amer J Obstet Gynec 104:1216-8, 15 Aug 69

A clinical and metabolic study of masculinizing arrhenoblastoma. Sato T, et al. Amer J Obstet Gynec 104:1124-30, 15 Aug 69

Hereditary factors in obstetrics and gynecology. Simpson JL, et al. Obstet Gynec Survey 24:580-601, Jul 69 (162 ref.)

[Malignant double tumors in women] Koenig H. Arch Geschwulstforsch 32:380-90, 1968 (Ger)

[Carbohydrate metabolism and carcinoma] Vogl A. Med Welt 26:1500-1, 28 Jun 69 (Ger)

[On the combination of teratoma with cysts and tumors of the ovaries] Kondrikov NI. Akush Ginek (Moskva) 43:52-5, Apr 67 (Rus)

[On bacteremia in patients with malignant ovarian neoplasms] Sokolova NM, et al. Vop Onkol 15:46-50, 1969 (Rus)

DIAGNOSIS

Pelvic pain. Jeffcoate TN. Brit Med J 3:431-5, 23 Aug 69

Functioning ovarian carcinoid tumors. Case report and review of the literature. Brown PA, et al. Obstet Gynec 34:390-5, Sep 69

Treatment of ovarian carcinoma. Surgical aspects. Way S. Proc Roy Soc Med 62:357-8, Apr 69

[Peculiar form of previa tumor: pelvic segment of a ureter-hydronephrosis] Hartemann J, et al.

Bull Fed Gynec Obstet Franc 19:152-3, Apr-May 67 (Fre)

[The present position of laparoscopy in gynecology] Frangenheim H. Arch Gynaek 207:240-50, 1969 (Ger)

[Case report on a giant ovarian cystoma] Reupricht G. Z Aerztl Fortbild (Jena) 63:514-5, 1 May 69 (Ger)

[Experience in the use of ultrasonics in the diagnosis of uterine and adnexal tumors] Selezneva ND. Akush Ginek (Moskva) 43:49-52, Apr 67 (Rus)

[Endometroid carcinoma of the ovary] Bergher de Bacalao E, et al. Rev Obstet Ginec Venez 28:375-87, 1968 (Spa)

DRUG THERAPY

Effects of meturedepa (NSC-51325) in 233 patients with advanced cancer. Eastern Clinical Drug Evaluation Program. Moore GE, et al. Cancer Chemother Rep 52:667-73, Oct 68

Effects of chlorambucil (NSC-3088) in 374 patients with advanced cancer. Eastern Clinical Drug Evualuation Program. Moore GE, et al. Cancer Chemother Rep 52:661-6, Oct 68

Chemotherapy in the treatment of ovarian cancer. Limburg HG. Proc Roy Soc Med 62:361-2, Apr 69

Treatment of ovarian carcinoma. Surgical aspects. Way S. Proc Roy Soc Med 62:357-8, Apr 69

[Ovarian carcinoma: chemotherapy following irradiation; preliminary results] Kuipers T. Nederl T Geneesk 113:1530-2, 30 Aug 69 (Dut)

[Clinical findings of ovarian carcinoma] Kepp R. Arch Gynaek 207:272-81, 1969 (Ger)

[The possibility of selective chemotherapy of progressive recurring ovarian carcinoma with the aid of cytodiagnosis and incorporation of tagged idoxuridine] Dvořák O, et al. Geburtsh Frauenheilk 29:648-53, Jul 69 (Ger)

[The action of cytostatic drugs on the ultrastructure of human ovarian cancer cells in-vivo test] Heckmann U, et al. Z Krebsforsch 72:284-90, 1969 (Ger)

[Treatment of patients with cancer of the ovary with 5-fluorouracil] Szlązak W, et al. Ginek Pol 40:929-33, Aug 69 (Pol)

[Experimental study of the antitumor activity of an antibiotic isolated from Actinomyces fumigatus] Bukhtina MA, et al. Antibiotiki 14:525-7, Jun 69 (Rus)

[On selection of antineoplastic agents for local use] Pol'kina RI. Vop Onkol 15:72-4, 1969 (Rus)

[On bacteremia in patients with malignant ovarian neoplasms] Sokolova NM, et al. Vop Onkol 15:46-50, 1969 (Rus)

[Present state and perspectives concerning the medical treatment of cancer] Vermel' EM. Vop Onkol 15:92-104, 1969 (103 ref.) (Rus)

[Cytostatic agents and changes in the blood picture] Kliment V, et al. Bratisl Lek Listy 52:63-6, Jul 69 (Slo)

ENZYMOLOGY

Ectopic production of an alkaline phosphatase isoenzyme in patients with cancer. Stolbach LL, et al. New Eng J Med 281:757-62, 2 Oct 69

[Histochemical study of normal pretumoral and tumoral tissues of the feminine genital organs] Valenzuela y Chacon J. Acta Oncol (Madrid) 7:201-28, Jul-Dec 68 (Spa)

ETIOLOGY

[Morphology of the ovaries in mice after general single dose of x-ray irradiation] Borovkov AI. Arkh Pat 30:31-6, 1968 (Rus)

FAMILIAL & GENETIC

Chromosomal abnormalities in certain human malignancies. A review. Gottlieb SK. JAMA 209:1063-6, 18 Aug 69 (18 ref.)

Chromosomal aberrations in an ovarian cystadenoma. Benedict WF, et al. Lancet 2:640, 20 Sep 69

Familial ovarian cancer. Lewis AC, et al. Lancet 2:235-7, 2 Aug 69

[Chromosomes of heterotransplanted and homotransplanted human and hamster tumors] Lampert F, et al. Arch Geschwulstforsch 32:309-21, 1968 (Ger)

IMMUNOLOGY

An antiserum to ovarian mucinous cyst fluid with colon cancer specificity. McNeil C, et al. Cancer Res 29:1535-40, Aug 69

Some opinions on causal relationship between chorioepithelioma and endocrine milieu. Akasu F, et al. Endocr Jap 16:205-10, Feb 69

METABOLISM

A clinical and metabolic study of masculinizing arrhenoblastoma. Sato T, et al. Amer J Obstet Gynec 104:1124-30, 15 Aug 69

Hormonal activity of "non-functional" ovarian tumours. Bhargava VL, et al. Aust New Zeal J Obstet Gynaec 9:108-15, May 69

In vivo oxidation of glucose-1-14C and glucose-6-14C in mice with 7,12-dimethylbenz-[a]anthracene-induced tumors. Burki HR, et al. J Nat Cancer Inst 43:643-51, Sep 69

Tumor sterols. Day EA, et al. Metabolism 18:646-51, Aug 69

Functioning ovarian carcinoid tumors. Case report and review of the literature. Brown PA, et al. Obstet Gynec 34:390-5, Sep 69

[The possibility of selective chemotherapy of progressive recurring ovarian carcinoma with the aid of cytodiagnosis and incorporation of tagged idoxuridine] Dvořák O, et al. Geburtsh Frauenheilk 29:648-53, Jul 69 (Ger)

[Carbohydrate metabolism and carcinoma] Vogl A. Med Welt 26:1500-1, 28 Jun 69 (Ger)

MORTALITY

Radiotherapy in malignant disease of the ovary. Dalley VM. Proc Roy Soc Med 62:359-61, Apr 69

Chemotherapy in the treatment of ovarian cancer. Limburg HG. Proc Roy Soc Med 62:361-2, Apr 69

[Clinical findings of ovarian carcinoma] Kepp R. Arch Gynaek 207:272-81, 1969 (Ger)

[Treatment of patients with cancer of the ovary with 5-fluorouracil] Szlązak W, et al. Ginek Pol 40:929-33, Aug 69 (Pol)

OCCURRENCE

Clinical observations on cancer patterns at the non-white hospital Baragwanath, Johannesburg, 1948-1964. Robertson MA. S Afr Med J 43:915-31, 26 Jul 69

Survival of mice under daily gamma irradiation: progress report for incidence of some tumors. ANL-7535. Grahn D, et al. US AEC Argonne Nat Lab 74-6, Dec 68

PATHOLOGY

Brenner's tumor with theca cell luteinization and hormonal function. Paalman RJ, et al. Amer J Obstet Gynec 104:1216-8, 15 Aug 69

A clinical and metabolic study of masculinizing arrhenoblastoma. Sato T, et al. Amer J Obstet Gynec 104:1124-30, 15 Aug 69

Development of myeloblastoma with massive breast and ovarian involvement during remission in acute leukemia. Grainick HR, et al. Cancer 24:746-9, Oct 69

Malignant obliteration of the pericardial cavity, secondary to ovarian cancer. Cantrell EG, et al. E Afr Med J 46:174-8, Mar 69

Chromosomal aberrations in an ovarian cystadenoma. Benedict WF, et al. Lancet 2:640, 20 Sep 69

Functioning ovarian carcinoid tumors. Case report and review of the literature. Brown PA, et al. Obstet Gynec 34:390-5, Sep 69

Endosalpingiosis of the peritoneum. Burmeister RE, et al. Obstet Gynec 34:310-8, Sep 69

Comparative pathology of ovarian neoplasms. II. Gonadal stromal tumors of bovine species. Norris HJ, et al. Path Vet (Basel) 6:45-58, 1969

Treatment of ovarian carcinoma: surgical aspects. Roberts D. Proc Roy Soc Med 62:358-9, Apr 69

Tumorigenesis in the androgen-sterile rat: reciprocal incidence of carcinogen induced-mammary gland and ovarian tumors. Stern E, et al. Rass Neurol Veg 21:99-117, 30 Apr 67

Equine granulosa tumours. Cordes DO. Vet Rec 85:186-8, 16 Aug 69

Dysgerminoma of the ovary. Ragbeer MM, et al. W Indian Med J 17:149-54, Sep 68

[Evolutive ovarian tumor in pregnancy. Difficulties in clinical and histological diagnosis] Chalnot P, et al.

Bull Fed Gynec Obstet Franc 19:148-50, Apr-May 67 (Fre)
[A case of bilateral carcinoma of the ovary with functional stroma] Laffargue P, et al.
Bull Fed Gynec Obstet Franc 19:128-31, Apr-May 67 (Fre)
[On the effect of cytostatic drugs on the ultrastructure of human ovarian carcinomatous cells in an in vivo test] Heckmann U. Arch Gynaek 207:36, 1969 (Ger)
[Clinical findings of ovarian carcinoma] Kepp R. Arch Gynaek 207:272-81, 1969 (Ger)
[The possibility of selective chemotherapy of progressive recurring ovarian carcinoma with the aid of cytodiagnosis and incorporation of tagged idoxuridine] Dvořák O, et al.
Geburtsh Frauenheilk 29:648-53, Jul 69 (Ger)
[The action of cytostatic drugs on the ultrastructure of human ovarian cancer cells in-vivo test] Heckmann U, et al. Z Krebsforsch 72:284-90, 1969 (Ger)
[Cystic teratoma of the ovary in a 2-year-old girl] Bergonzi F, et al.
Minerva Pediat 21:335-9, 25 Feb 69 (Ita)
[On spontaneous pneumothorax due to neoplastic metastasis in the lung] Fabbrocini V, et al.
Rass Int Clin Ter 47:1161-72, 15 Nov 67 (Ita)
[Autopsy case of chorionic epithelioma originated from the ovary] Motoi S, et al.
Jap J Clin Path 17:377, May 69 (Jap)
[Lymphosarcoma of the mesentery with metastases to the ovaries in a 4-year-old girl] Stoba C, et al.
Arkh Pat 30:31-6, 1968 (Rus)
[Nerve fibers of the thyroid gland in the growth of various tumor strains] Korolenko AS.
Probl Endokr (Moskva) 13:86-92, May-Jun 67 (Rus)

PREVENTION & CONTROL

Familial ovarian cancer. Lewis AC, et al.
Lancet 2:235-7, 2 Aug 69

RADIOGRAPHY

[The diagnosis of acute gynecologic abdomen in relation to its clinico-radiological findings. IV. Acute clinico-radiological pattern due to adnexal neoformations: ovarian cysts and cystomas; primary neoplastic processes of the ovary] Frassineti A, et al.
Osped Ital Chir 17:297-313, Sep 67 (Ita)
[Roentgenologic methods for differential diagnosis of tumors of the female genital organs] Krauz VS, et al.
Vop Onkol 15:17-22, 1969 (Rus)
[Findings of false interpretations in the H.S.G. images due to an ovary tumor] De la Peña Regidor P, et al.
Acta Obstet Ginecol Hisp Lusit 17:237-8, May 69 (Spa)

RADIOTHERAPY

Radiation protection of vital organs, using a selective arterial catheter. Experimental and clinical aspects. Steckel RJ, et al. Amer J Roentgen 106:841-7, Aug 69
Iliac and femoral arteriosclerosis following pelvic irradiation for carcinoma of the ovary. Report of a case. Saviov ED, et al. Obstet Gynec 34:345-51, Sep 69
Radiotherapy in malignant disease of the ovary. Dalley VM. Proc Roy Soc Med 62:359-61, Apr 69
Treatment of ovarian carcinoma. Surgical aspects. Way S. Proc Roy Soc Med 62:357-8, Apr 69
[Ovarian carcinoma: chemotherapy following irradiation; preliminary results] Kuipers T.
Nederl T Geneesk 113:1530-2, 30 Aug 69 (Dut)
[Clinical findings of ovarian carcinoma] Kepp R. Arch Gynaek 207:272-81, 1969 (Ger)

SURGERY

Surgical technics in pelvic exenteration and ileal bladder construction. Osborne RW, et al.
Amer J Surg 118:218-24, Aug 69
Hormonal activity of "non-functional" ovarian tumours. Bhargava VL, et al.
Aust New Zeal J Obstet Gynaec 9:108-15, May 69
Familial ovarian cancer. Lewis AC, et al.
Lancet 2:235-7, 2 Aug 69
Radiotherapy in malignant disease of the ovary. Dalley VM. Proc Roy Soc Med 62:359-61, Apr 69
Treatment of ovarian carcinoma: surgical aspects. Roberts D. Proc Roy Soc Med 62:358-9, Apr 69
Treatment of ovarian carcinoma. Surgical aspects. Way S. Proc Roy Soc Med 62:357-8, Apr 69
Equine granulosa tumours. Cordes DO.
Vet Rec 85:186-8, 16 Aug 69
[Ovarian carcinoma: chemotherapy following irradiation; preliminary results] Kuipers T.
Nederl T Geneesk 113:1530-2, 30 Aug 69 (Dut)
[Clinical findings of ovarian carcinoma] Kepp R. Arch Gynaek 207:272-81, 1969 (Ger)
[Carbohydrate metabolism and carcinoma] Vogl A.
Med Welt 26:1500-1, 28 Jun 69 (Ger)
[Cystic teratoma of the ovary in a 2-year-old girl] Bergonzi F, et al.
Minerva Pediat 21:335-9, 25 Feb 69 (Ita)

THERAPY

[Clinical findings of ovarian carcinoma] Kepp R. Arch Gynaek 207:272-81, 1969 (Ger)
[Treatment and prognosis of malignant ovarian tumors] Imaizumi S, et al. Iryo 23:516-25, Apr 69 (Jap)

VETERINARY

A case of dysgerminoma in a dog. Vaidya VG, et al.
Indian Vet J 46:475-6, Jun 69
Comparative pathology of ovarian neoplasms. II. Gonadal stromal tumors of bovine species. Norris HJ, et al. Path Vet (Basel) 6:45-58, 1969
Equine granulosa tumours. Cordes DO.

ABNORMALITIES

[Action of diethylstilbestrol on the hybrid from the crossBarbariedrake x Khaki Campbelliduck] Lutz-Ostertag Y.
C R Acad Sci [D] (Paris) 268:3115-8, 23 Jun 69 (Fre)
[Action of parathion on the development of quail embryo] Lutz-Ostertag Y, et al.
C R Acad Sci [D] (Paris) 268:2911-3, 16 Jun 69 (Fre)
[Clinical and biochemical studies in a female patient with mixed gonadal dysgenesis] Zimprich H.
Wien Klin Wschr 81:475-8 passim, 20 Jun 69 (Ger)

PUBERTY, PRECOCIOUS

A case of Albright's syndrome. Agarwala S, et al.
Brit J Clin Pract 23:339-40, Aug 69
Petit mal-like discharge in the electroencephalograms of adults. Elian M.
Electroenceph Clin Neurophysiol 27:216, Aug 69

BLOOD

Radioimmunoassayable serum LH and FSH in girls with sexual precocity, premature thelarche and adrenarche. Kenny FM, et al.
J Clin Endocr 29:1272-5, Sep 69

COMPLICATIONS

[Study of a case of progressive muscular atrophy associated with precocious macrogenitosomy] Smorto M, et al. Osped Psichiat 36:209-30, Jul-Dec 68 (Ita)

ETIOLOGY

Testicular maturation in adrenal hyperfunction. Coutinho JS de, et al.
Arq Brasil Endocr 16:173-81, Dec 67

URINE

Recent studies on androgenic function in human subjects. Ismail AA, et al.
J Obstet Gynaec Brit Comm 75:929-40, Sep 68 (78 ref.)

SERTOLI CELL TUMOR

PATHOLOGY

[Adenomatoid tumor of the epididymis (anatomy of the mesonephros)] Coggi G, et al.
Folia Hered Path (Milano) 17:17-30, Jan 68 (Ita)

SEX CHROMOSOME ABNORMALITIES

47, XYY bibliography. Borgaonkar DS.
Ann Genet (Paris) 12:67-70, Mar 69
Extra Y chromosome and its psychiatric implications. Abdullah S, et al.
Arch Gen Psychiat (Chicago) 21:497-501, Oct 69
Chromosomes in haematology. Lawler SD.
Brit J Haemat 17:139-43, Aug 69
Intelligence, EEG, personality deviation, and criminality in patients with the XYY syndrome. Nielsen J, et al. Brit J Psychiat 115:965, Aug 69
The triplo-X female: an appraisal based on a study of 12 cases and a review of the literature. Barr ML, et al.
Canad Med Ass J 101:247-58, 6 Sep 69
Triploidy embryo cell cultures of Gallus domesticus. Chýle P, et al. Folia Biol (Krakow) 17:232, 1969
Frequency of negative sex chromatin among women in mental hospitals. Akesson HO, et al.
Hum Hered 19:43-7, 1969
XYY syndrome, and XYY-XXYY mosaicism also showing features of Klinefelter's syndrome. Spencer DA, et al. J Med Genet 6:159-65, Jun 69
Recent studies on androgenic function in human subjects. Ismail AA, et al.
J Obstet Gynaec Brit Comm 75:929-40, Sep 68 (78 ref.)
Chromosomal abnormalities in clinical medicine. Carr DH. Progr Med Genet 6:1-61, 1969 (362 ref.)
Genetic aspects of autoimmunity. Fialkow PJ.
Progr Med Genet 6:117-67, 1969 (219 ref.)
The genetics of thyroid disease. Fraser GR.
Progr Med Genet 6:89-115, 1969 (113 ref.)
[Possibilities of cytogenetic examination in sexual aberrations] Nováček J.
Cesk Pediat 24:632-6, Jul 69 (Cze)
[Cytogenetic studies in obstetrics] Mikamo K, et al.
Bull Acad Roy Med Belg 9:103-24, 1969 (Fre)
[Chromosome aberrations and psyche] Züblin W.
Bibl Psychiat Neurol 140:1-159, 1969 (999 ref.) (Ger)
[47, XYY karyotype in a eunuchoida female] Boczkowski K. Ginek Pol 40:703-9, Jun 69 (Pol)
[Progressive syndrome of neurologic disorders in dizygotic twins] Gościńska Z, et al.
Neurol Neurochir Pol 3:375-9, May-Jun 69 (Pol)
[Certain problems in genetic counseling in neurology] Loesch D.
Neurol Neurochir Pol 3:239-47, May-Jun 69 (Pol)
[Nervous and mental disorders in cases of immunologic incompatibility within ABO groups] Nazarow K.
Neurol Neurochir Pol 3:385-8, May-Jun 69 (Pol)
[Iridoschisis in a girl with karyotype 48 XXXX] Hanicka M, et al. Pol Tyg Lek 24:1164-6, 28 Jul 69 (Pol)

BLOOD

[Leukocyte peroxidases and the 47,XYY karyotype] Noel B, et al. Ann Genet (Paris) 12:62-4, Mar 69 (Fre)
[Clinical and biochemical studies in a female patient with mixed gonadal dysgenesis] Zimprich H.
Wien Klin Wschr 81:475-8 passim, 20 Jun 69 (Ger)
[The XYY status in children] Keutel J, et al.
Z Kinderheilk 106:314-32, 1969 (Ger)

COMPLICATIONS

An unusual sex chromosome mosaicism. Spencer DA.
Brit J Psychiat 115:747, Jun 69
Extra Y chromosomes and epilepsy. Forssman H, et al.
Humangenetik 7:251-2, 1969
Frequency of diabetes mellitus in patients with Klinefelter's syndrome of different chromosome constitutions and the XYY syndrome. Plasma insulin and growth hormone level after a glucose load. Nielsen J, et al. J Clin Endocr 29:1062-73, Aug 69
Alcoholism, drug dependency and sex chromosome abnormalities. Bartholomew AA, et al.
Med J Aust 2:440-3, 30 Aug 69
The "YY syndrome". Cowling DC, et al.
Med J Aust 2:443-6, 30 Aug 69
Abnormal sex chromosomes and mental disorders. Polani PE.
Nature (London) 223:680-6, 16 Aug 69 (98 ref.)
[Dangerous stages between fertilization and implantation] Knörr K.
Aerztl Forsch 23:217-22, 10 Jul 69 (Ger)
[2 cases of triplo-X with epileptic seizure] Takei H, et al. Brain Nerve (Tokyo) 21:523-32, May 69 (Jap)

DIAGNOSIS

[Frequency of the XYY constitution in the general population] Ann Genet (Paris) 11:245-6, Dec 68 (Fre)
[The XYY status in children] Keutel J, et al.
Z Kinderheilk 106:314-32, 1969 (Ger)
[Some problems of present condition of rapid diagnosis of disorders of the sex chromosome system (review of the literature)] Rezina SN, et al.
Lab Delo 5:259-64, 1968 (15 ref.) (Rus)

ENZYMOLOGY

[Leukocyte peroxidases and the 47,XYY karyotype] Noel B, et al. Ann Genet (Paris) 12:62-4, Mar 69 (Fre)

FAMILIAL & GENETIC

[Trisomy 18 and 47,XXX syndrome in the same sibship] Lejeune J, et al.
Ann Genet (Paris) 12:59-61, Mar 69 (Fre)
[Chromosome anomalies and genetics] Higurashi M, et al. Naika 23:633-7, Apr 69 (Jap)

OCCURRENCE

Abnormal sex chromosomes and mental disorders. Polani PE.
Nature (London) 223:680-6, 16 Aug 69 (98 ref.)
[Frequency of the XYY constitution in the general population] Ann Genet (Paris) 11:245-6, Dec 68 (Fre)

SEX DIFFERENTIATION DISORDERS

[Description of a case of XX-XY mosaicism in a patient with ambiguous external genitalia and female internal genitalia] Minozzi M, et al.
Folia Endocr (Roma) 21:431-46, Aug 68 (Ita)
[Diagnostic procedure and problem of sex assignation in children with intersexual genitals] Szczepski O, et al. Endokr Pol 20:289-94, 1969 (Pol)
[47, XYY karyotype in a eunuchoida female] Boczkowski K. Ginek Pol 40:703-9, Jun 69 (Pol)
[Concerning testicular feminization] Starkova NT, et al. Probl Endokr (Moskva) 14:10-4, Nov-Dec 68 (Rus)

COMPLICATIONS

Testicular feminization syndrome. Kaplan SA.
Amer J Dis Child 118:531, Sep 69
Testicular feminization syndrome. Simpson JL, et al.
Amer J Dis Child 118:531, Sep 69

ETIOLOGY

X-ray-induced mutations in the poeciliid fish, Lebistes reticulatus Peters. Schröder JH.
Mutat Res 7:75-90, Jan-Feb 69

FAMILIAL & GENETIC

[Incomplete testicular feminization] Ledermair O, et al. Gynaecologia (Basel) 168:49-54, 1969 (Ger)
[Clinical and genetical studies in testicular feminization syndrome] Boczkowski K.
Ginek Pol 40:549-57, May 69 (Pol)

METABOLISM

Absence of response to dihydrotestosterone in the syndrome of testicular feminization. Strickland AL, et al. J Clin Endocr 29:1284-6, Sep 69

PATHOLOGY

A case of intersex in a horse. White DJ, et al.
Vet Rec 85:203-4, 16 Aug 69

RADIOGRAPHY

[Pneumopelvigraphy in female endocrinology] Groniowski J, et al.
Pol Przegl Radiol 33:161-71, Mar-Apr 69 (Pol)

SURGERY

[Testicular feminization syndrome and its surgical aspects] Gutzu E, et al.
Ann Chir 21:1323-30, Oct 67 (Fre)
[Colpoplasty using the sigmoid in a case of testicular

feminization] Györy G, et al.
Orv Hetil 110:1790-4, 3 Aug 69 (Hun)

VETERINARY

A case of intersex in a horse. White DJ, et al.
Vet Rec 85:203-4, 16 Aug 69

STEIN-LEVENTHAL SYNDROME

[New endocrine disorders attracting current interest--female gonadal system] Tojo S.
Clin Endocr (Tokyo) 17:422-6, May 69 (Jap)

COMPLICATIONS

Adenocarcinoma of the endometrium associated with the Stein-Leventhal syndrome. Parham KJ.
Amer J Obstet Gynec 105:113-5, 1 Sep 69
[Sexual and social problems of young women with ovarian dysfunction] König PA.
Arch Gynaek 207:98-9, 1969 (Ger)
[Endometrial carcinoma in young persons] Noci L, et al.
Riv Ostet Ginec 23:753-65, Oct 68 (Ita)
[Findings involving the polycystic ovaries and the Stein-Leventhal syndrome] Santos Alves JE dos.
Hospital (Rio) 75:1297-317, Apr 69 (Por)

DIAGNOSIS

[Diagnosis and therapeutic results in cases of hirsutism in women] Szamatowicz M.
Ginek Pol 40:659-67, Jun 69 (Pol)

DRUG THERAPY

Polycystic ovarian disease, clomiphene, and multiple pregnancies. Goldfarb AF, et al.
Obstet Gynec 34:307-9, Sep 69
[Treatment of amenorrheas and oligomenorrheas with the retrosteroid RO 4-8347] Gerhard I, et al.
Gynaecologia (Basel) 168:25-39, 1969 (Fre)
[Clomiphene treatment and treatment with a single dose of HMG in anovulatory cycles] Ingiulla W, et al.
Arch Gynaek 207:46-7, 1969 (Ger)

ENZYMOLOGY

[Histochemistry. Applicability of histochemical methods in gynecology] Schmidt-Matthiesen H.
Arch Gynaek 207:362-9, 1969 (Ger)

ETIOLOGY

Induction of polycystic ovarian disease in rats by continuous light. VI. Some effects of autologous and homologous grafting of the polycystic ovary. Singh KB. Amer J Obstet Gynec 105:276-8, 15 Sep 69
Induction of polycystic ovarian disease in rats by continuous ght. IV. Effect of a bovine pineal gland extract. Singh KB.
Amer J Obstet Gynec 105:274-5, 15 Sep 69
Induction of polycystic ovarian disease in rats by continuous light. V. Results of the deciduoma test and cervical stimulation. Singh KB.
Amer J Obstet Gynec 105:275-6, 15 Sep 69

FAMILIAL & GENETIC

Hereditary factors in obstetrics and gynecology. Simpson JL, et al.
Obstet Gynec Survey 24:580-601, Jul 69 (162 ref.)

METABOLISM

[Lipids in the tissue of the ovary in Stein-Leventhal syndrome] Bronitein ME.
Probl Endokr (Moskva) 15:33-8, Jan-Feb 69 (Rus)

PHYSIOPATHOLOGY

Induction of polycystic ovarian disease in rats by continuous light. VI. Some effects of autologous and homologous grafting of the polycystic ovary. Singh KB. Amer J Obstet Gynec 105:276-8, 15 Sep 69
Induction of polycystic ovarian disease in rats by continuous light. V. Results of the deciduoma test and cervical stimulation. Singh KB.
Amer J Obstet Gynec 105:275-6, 15 Sep 69

URINE

[Simple method for the determination of androstenolone in urine] Kakushkina EA, et al.
Lab Delo 8:460-4, 1967 (Rus)

STRUMA OVARII

COMPLICATIONS

[Clinicopathological studies on small cell carcinoma of the thyroid] Murata T.
Folia Endocr Jap 45:80-90, 20 Apr 69 (Jap)

DIAGNOSIS

[Bilateral ovarian goiter, the 2d appearing 3 years after th 1st. Isotopic exploration] Plasse G, et al.
Bull Fed Gynec Obstet Franc 19:138-9, Apr-May 67 (Fre)

TESTICULAR DISEASES

Torsion of the appendix testis in the newborn. Initial report of this disorder in a neonate. Chiles DW, et al.
Amer J Dis Child 118:652-4, Oct 69
[Case contribution on juvenile aseptic necrosis of the testicular apparatus] Kulov N.
Khirurgiia (Sofiia) 22:210, 1969 (Bul)
[Experimental spermatozoid granuloma of the epididymis] Shperling ID.
Eksp Khir Anest 12:61-2, Mar-Apr 67 (Rus)
[A case of right-sided inguino-scrotal hernia with simultaneous torsion of the spermatic cord and testicular necrosis in an infant 6 hours after birth] Kozak BG. Klin Khir (Kiev) 7:71-2, Jul 67 (Rus)

COMPLICATIONS

[Perforated appendicitis in an inguinal hernia with inflammation of the scrotum in a newborn of 12 days. Intervention, cure] Babin S, et al.
Ann Pediat (Paris) 14:609-11, Aug-Sep 67 (Fre)
[Testicular function in idiopathic hemochromatosis] Gilbert-Dreyfus.
Rev Franc Endocr Clin 10:191-203, May-Jun 69 (Fre)
[Clinical evaluation pretumorous diseases of the testicle] Iunda IF.
Klin Khir (Kiev) 11:23-6, Nov 67 (Rus)

DIAGNOSIS

[Diagnosis, therapy and prognosis of malignant testicular neoplasma] Arndt J, et al.
Z Aerztl Fortbild (Jena) 63:503-9, 1 May 69 (Ger)

ENZYMOLOGY

[Testicular degeneration and DNase II activity in various avitaminoses] Terroine T, et al.
Ann Nutr (Paris) 23:A89-95, 1969 (Fre)

ETIOLOGY

[Testicular degeneration and DNase II activity in various avitaminoses] Terroine T, et al.
Ann Nutr (Paris) 23:A89-95, 1969 (Fre)
[Testicular infarct in rheumatoid purpura] Fournier A, et al. J Sci Med Lille 85:397-401, Jun-Aug 67 (Fre)

METABOLISM

Distribution of cadmium 109 and zinc 65 in mice of inbred strains. Lucis OJ, et al.
Arch Environ Health (Chicago) 19:334-6, Sep 69

PATHOLOGY

Two cases of germinal aplasia: plasma concentration and in vitro biosynthesis of androgens. Conti C, et al.
Folia Endocr (Roma) 21:404-11, Aug 68

SURGERY

[Testicular infarct in rheumatoid purpura] Fournier A, et al. J Sci Med Lille 85:397-401, Jun-Aug 67 (Fre)

TESTICULAR FEMINIZATION

Testicular feminization syndrome. Kaplan SA.
Amer J Dis Child 118:531, Sep 69
Testicular feminization syndrome. Simpson JL, et al.
Amer J Dis Child 118:531, Sep 69
[Colpoplasty using the sigmoid in a case of testicular feminization] György G, et al.
Orv Hetil 110:1790-4, 3 Aug 69 (Hun)
[New endocrine disorders attracting current interest--female gonadal system] Tojo S.
Clin Endocr (Tokyo) 17:422-6, May 69 (Jap)
[Concerning testicular feminization] Starkova NT, et al. Probl Endokr (Moskva) 14:10-4, Nov-Dec 68 (Rus)

DIAGNOSIS

Vaginal aplasia. Goldítch IM.
Surg Gynec Obstet 129:361-7, Aug 69 (102 ref.)

DRUG THERAPY

Absence of response to dihydrotestosterone in the syndrome of testicular feminization. Strickland AL, et al. J Clin Endocr 29:1284-6, Sep 69

FAMILIAL & GENETIC

Hereditary factors in obstetrics and gynecology. Simpson JL, et al.
Obstet Gynec Survey 24:580-601, Jul 69 (162 ref.)
[Clinical and genetical studies in testicular feminization syndrome] Boczkowski K.
Ginek Pol 40:549-57, May 69 (Pol)

METABOLISM

Absence of response to dihydrotestosterone in the syndrome of testicular feminization. Strickland AL, et al. J Clin Endocr 29:1284-6, Sep 69

SURGERY

[Testicular feminization syndrome and its surgical aspects] Gutzu E, et al.
Ann Chir 21:1323-30, Oct 67 (Fre)

TESTICULAR NEOPLASMS

[Modern diagnosis and therapy of malignant germinal testicular tumors] Sigel A.
Deutsch Med J 19:730-6, 20 Oct 68 (Ger)
[Diagnosis, therapy and prognosis of malignant testicular neoplasma] Arndt J, et al.
Z Aerztl Fortbild (Jena) 63:503-9, 1 May 69 (Ger)
[Infantile testicular tumor: report of three cases] Saito S, et al. Acta Urol Jap 15:266-77, Apr 69 (Jap)
[A case of chorioepithelioma malignum in a man with abdominal distention as a chief complaint] Fukaura S, et al. Jap J Clin Med 27:636-9, Mar 69 (Jap)

CLASSIFICATION

Sex chromatin in testicular teratomas. Maclean N.
Lancet 2:494, 30 Aug 69
[Diagnosis, therapy and prognosis of malignant testicular neoplasma] Arndt J, et al.
Z Aerztl Fortbild (Jena) 63:503-9, 1 May 69 (Ger)

COMPLICATIONS

[On the observation of a fourfold cancer] Zimmermann G. Krebsarzt 24:88-92, 1969 (Ger)
[A case of testicular seminoma in a patient with bilateral cryptorchism] Kalaída LP.
Klin Khir (Kiev) 2:74, Feb 68 (Rus)
[Chylothorax due to fibrosarcoma of the testis] Pergola F, et al. Prensa Med Argent 56:268-71, 11 Apr 69 (Spa)

DIAGNOSIS

[Modern diagnosis and therapy of malignant germinal testicular tumors] Sigel A.
Deutsch Med J 19:730-6, 20 Oct 68 (Ger)
[Diagnosis, therapy and prognosis of malignant testicular neoplasma] Arndt J, et al.
Z Aerztl Fortbild (Jena) 63:503-9, 1 May 69 (Ger)
[Testicular tumor] Rostad H.
Nord Med 82:1037-41, 21 Aug 69 (Nor)

DRUG THERAPY

Clinical studies with mithramycin. Ansfield FJ.
Oncology 23:283-8, 1969
[Comments on the treatment of solid tumors with 5-fluorouracil] Alberto P.
Ther Umsch 26:415-21, Jul 69 (Fre)
[Modern diagnosis and therapy of malignant germinal testicular tumors] Sigel A.
Deutsch Med J 19:730-6, 20 Oct 68 (Ger)

ETIOLOGY

[Malignant neoplasms of undescended testicles] Piasecki Z, et al.
Pol Przegl Chir 41:Suppl 4a:552+, 1969 (Pol)
[Morphology of the ovaries in mice after general single dose of x-ray irradiation] Borovkov AI.
Arkh Pat 30:31-6, 1968 (Rus)
[Clinical evaluation pretumorous diseases of the testicle] Iunda IF.
Klin Khir (Kiev) 11:23-6, Nov 67 (Rus)

FAMILIAL & GENETIC

Chromosomal abnormalities in certain human malignancies. A review. Gottlieb SK.
JAMA 209:1063-6, 18 Aug 69 (18 ref.)
Sex chromatin in testicular teratomas. Maclean N.
Lancet 2:494, 30 Aug 69

IMMUNOLOGY

[Virus neutralizing antibodies against an animal experimental tumor virus (adenovirus 18) in patients with neoplastic diseases in comparison with the normal population] Tauchnitz C, et al.
Z Ges Inn Med 24:Suppl:114-5, 15 Apr 69 (Ger)

METABOLISM

Topochemistry of free purine ribonucleotide (FPRN) in malignant cells of primary and secondary tumours. el-Fiky SM. Acta Histochem (Jena) 31:225-33, 1968

MORTALITY

[Mortality of malignant neoplasms in young men] Witzel L. Med Klin 64:1351-4, 25 Jul 69 (Ger)
[Diagnosis, therapy and prognosis of malignant testicular neoplasma] Arndt J, et al.
Z Aerztl Fortbild (Jena) 63:503-9, 1 May 69 (Ger)

PATHOLOGY

Reticulum cell sarcoma with primary manifestation in the testicle: 3 case reports. Osman R, et al.
J Urol 102:230-2, Aug 69
Comparative pathology of ovarian neoplasms. II. Gonadal stromal tumors of bovine species. Norris HJ, et al. Path Vet (Basel) 6:45-58, 1969
Tumour of bone, testis and breast: reticulum cell sarcoma. Janikoun SH.
Proc Roy Soc Med 62:531-4, Jun 69
Testicular tumors of yellow perch, Perca flavescens (Mitchill). Budd J, et al. Wildlife Dis 5:315-8, Jul 69
[Modern diagnosis and therapy of malignant germinal testicular tumors] Sigel A.
Deutsch Med J 19:730-6, 20 Oct 68 (Ger)
[Diagnosis, therapy and prognosis of malignant testicular neoplasma] Arndt J, et al.
Z Aerztl Fortbild (Jena) 63:503-9, 1 May 69 (Ger)
[Testicular seminoma metastasising as embryonal carcinoma, teratoma and choriocarinoma] Pizzocaro G, et al. Cancro 21:57-62, 1968 (Ita)
[Primary tumors of the epididymis. Considerations on a case of fibroma and one of fibromyoma] Ferro P, et al.
Pathologica 60:83-94, Mar-Apr 68 (Ita)
[Morphology of the ovaries in mice after general single dose of x-ray irradiation] Borovkov AI.
Arkh Pat 30:31-6, 1968 (Rus)
[Adenomatoid tumors of the funiculus, epididymis, and tunica vaginalis testis] Keskitalo E, et al.
Nord Med 82:1043-5, 21 Aug 69 (Swe)

PHYSIOPATHOLOGY

Bilateral renal clearance. Technical problems and the effect of ureteric catheterization on renal function. Fritjofsson A, et al. Scand J Urol Nephrol 2:103-8, 1968

RADIOGRAPHY

Lymphangiography in the evaluation of malignant neoplasms. Gold RH. Oncology 23:289-98, 1969

RADIOTHERAPY

Radiation myelitis of the dorsolumbar spinal cord. Maier JG, et al. Radiology 93:153-60, Jul 69

[Modern diagnosis and therapy of malignant germinal testicular tumors] Sigel A.
Deutsch Med J 19:730-6, 20 Oct 68 (Ger)

[Lymphographic study following lumbar-aortic cellulo-lymphadenectomy for testicular neoplasms] De Dominicis R, et al.
Radiol Med (Torino) 54:1159-79, Nov 68 (Ita)

[Testicular tumor] Rostad H.
Nord Med 82:1037-41, 21 Aug 69 (Nor)

[Testicular tumor with a solitary metastasis] Rostad H, et al. Nord Med 82:1041-2, 21 Aug 69 (Nor)

SURGERY

Retroperitoneal lymph node dissection: a morbid study. Goodfriend R. Acta Urol Belg 35:608-10, Oct 67

Reticulum cell sarcoma with primary manifestation in the testicle: 3 case reports. Osman R, et al.
J Urol 102:230-2, Aug 69

Tumour of bone, testis and breast: reticulum cell sarcoma. Janikoun SH.
Proc Roy Soc Med 62:531-4, Jun 69

[Operative therapy of lung metastases] Wisborg T.
Ugeskr Laeg 131:1157-60, 3 Jul 69 (Dan)

[Modern diagnosis and therapy of malignant germinal testicular tumors] Sigel A.
Deutsch Med J 19:730-6, 20 Oct 68 (Ger)

[Lymphographic study following lumbar-aortic cellulo-lymphadenectomy for testicular neoplasms] De Dominicis R, et al.
Radiol Med (Torino) 54:1159-79, Nov 68 (Ita)

[Testicular tumor] Rostad H.
Nord Med 82:1037-41, 21 Aug 69 (Nor)

[Testicular tumor with a solitary metastasis] Rostad H, et al. Nord Med 82:1041-2, 21 Aug 69 (Nor)

[Adenomatoid tumors of the funiculus, epididymis, and tunica vaginalis testis] Keskitalo E, et al.
Nord Med 82:1043-5, 21 Aug 69 (Swe)

THERAPY

[Diagnosis, therapy and prognosis of malignant testicular neoplasma] Arndt J, et al.
Z Aerztl Fortbild (Jena) 63:503-9, 1 May 69 (Ger)

URINE

Recent studies on androgenic function in human subjects. Ismail AA, et al.
J Obstet Gynaec Brit Comm 75:929-40, Sep 68 (78 ref.)

VETERINARY

Comparative pathology of ovarian neoplasms. II. Gonadal stromal tumors of bovine species. Norris HJ, et al. Path Vet (Basel) 6:45-58, 1969

TESTIS

ABNORMALITIES

Perineal testicle. A case report. Dajani AM.
Irish J Med Sci 8:317-9, Jul 69

[Action of parathion on the development of quail embryo] Lutz-Ostertag Y, et al.
C R Acad Sci [D] (Paris) 268:2911-3, 16 Jun 69 (Fre)

[Congenital anorchidism with partial anterior hypopituitarism] Abate G, et al.
Folia Endocr (Roma) 21:485-500, Aug 68 (Ita)

[Clinical evaluation pretumorous diseases of the testicle] Iunda IF.
Klin Khir (Kiev) 11:23-6, Nov 67 (Rus)

INJURIES

[Clinical evaluation pretumorous diseases of the testicle] Iunda IF.
Klin Khir (Kiev) 11:23-6, Nov 67 (Rus)

THECA CELL TUMOR

COMPLICATIONS

Brenner's tumor with theca cell luteinization and hormonal function. Paalman RJ, et al.
Amer J Obstet Gynec 104:1216-8, 15 Aug 69

ENZYMOLOGY

[Enzymological studies on theca cell neoplasms] Brandau H. Arch Gynaek 207:53-4, 1969 (Ger)

METABOLISM

Steroidogenesis in a case of hydatidiform mole. Coutts JR, et al. J Endocr 44:335-48, Jul 69

PATHOLOGY

Brenner's tumor with theca cell luteinization and hormonal function. Paalman RJ, et al.
Amer J Obstet Gynec 104:1216-8, 15 Aug 69

[Morphology of the ovaries in mice after general single dose of x-ray irradiation] Borovkov AI.
Arkh Pat 30:31-6, 1968 (Rus)

PHYSIOPATHOLOGY

[Luteinization and corpus luteum formation (comparative studies with findings in animals)] Uyttenbroeck F, et al.
Verh Kon Vlaam Acad Geneesk Belg 31:56-85, 1969 (Dut)

TURNER'S SYNDROME

Karyotype 45,X-46,XXr-46,XX in a girl affected by gonadal dysgenesis. Amerio JM, et al.
Ann Genet (Paris) 11:258-61, Dec 68

Personality and intelligence in Turner's syndrome. A critical review. Garron DC, et al.
Arch Gen Psychiat (Chicago) 21:339-46, Sep 69 (58 ref.)

Dermatoglyphic studies in Turner's syndrome. Almeida JC de, et al. Arq Brasil Endocr 16:149-62, Dec 67

Frequency of negative sex chromatin among women in mental hospitals. Akesson HO, et al.
Hum Hered 19:43-7, 1969

Turner syndrome and Noonan's syndrome. Carballo EC.
J Pediat 75:729-30, Oct 69

Chromosomal abnormalities in clinical medicine. Carr DH. Progr Med Genet 6:1-61, 1969 (362 ref.)

[Chromosome aberrations and psyche] Züblin W.
Bibl Psychiat Neurol 140:1-159, 1969 (999 ref.) (Ger)

[On the neurological manifestations of xeroderma pigmentosum] Hokkanen E, et al.
Deutsch Z Nervenheilk 196:206-16, 1969 (Ger)

[Sex chromatin in ovarian tumors] Egawa J.
Endocr Jap 16:17-20, Feb 69 (Ger)

[The XO-XY sex chromosome mosaicism] Nars PW, et al. Humangenetik 7:185-96, 1969 (Ger)

[The genetics of sterility] Gedda L.
Acta Genet Med Gemellol (Roma) 17:543-76, Oct 68 (Ita)

[New endocrine disorders attracting current interest--female gonadal system] Tojo S.
Clin Endocr (Tokyo) 17:422-6, May 69 (Jap)

[Pure gonadal dysgenesis] Matsuoka M, et al.
Saishin Igaku 24:1129-39, May 69 (Jap)

[Turner's syndrome] Szczepski O, et al.
Endokr Pol 20:279-88, 1969 (Pol)

[Psychological examinations in Turner's syndrome] Jakubowska T, et al.
Psychiat Pol 3:311-8, May-Jun 69 (Pol)

BLOOD

[Clinical and biochemical studies in a female patient with mixed gonadal dysgenesis] Zimprich H.
Wien Klin Wschr 81:475-8 passim, 20 Jun 69 (Ger)

CLASSIFICATION

[Turner's syndrome] Szczepski O, et al.
Endokr Pol 20:279-88, 1969 (Pol)

COMPLICATIONS

[Cardiovascular abnormalities in Ullrich-Turner

syndrome] Dupuis C, et al.
Lille Med 12:421-6, Apr 67 (Fre)
[Renal and urinary abnormalities during Turner's syndrome] Linquette M, et al.
Lille Med 12:427-30, Apr 67 (Fre)
[Skeletal deformity during Turner's syndrome] Linquette M, et al. Lille Med 12:409-20, Apr 67 (Fre)
[Endocrine interrelations in diabetes mellitus in children] Barta L.
Arch Kinderheilk 179:7-16, May 69 (Ger)
[Turner's syndrome in an infant with thalassemia minima] Rindone E, et al.
Pediatria (Napoli) 75:947-59, 31 Dec 67 (Ita)
[A case of coexistence of Turner's syndrome with rheumatoid arthritis] Poniecki A, et al.
Endokr Pol 20:273-7, 1969 (Pol)
[Disorders of calcium and phosphate metabolism in Turner's syndrome complicated with rickets] Maciejewski J, et al.
Pol Tyg Lek 24:1010-1, 30 Jun 69 (Pol)
[Stenosis of the aortic isthmus as one of the causes of arterial hypertension in the gonadal dysgenesia syndrome] Rachocka J, et al.
Pol Tyg Lek 24:1120-2, 21 Jul 69 (Pol)

DIAGNOSIS

[The XO-XY sex chromosome mosaicism] Nars PW, et al. Humangenetik 7:185-96, 1969 (Ger)
[Clinical manifestations of Turner's syndrome in a 9-year-old boy] Kozlowski K, et al.
Wiad Lek 22:1023-5, 1 Jun 69 (Pol)
[Induced hypercalcemia test in patients with gonadal dysgenesis] Pencea V, et al.
Rev Medicochir Iasi 73:313-8, Apr-Jun 69 (Rum)
Srpski Arh Celok Lek 96:975-89, Oct 68 (Ser)

DRUG THERAPY

[Changes in the endometrium caused by retrosteroid RO-4-8347] Herzer H, et al.
Gynaecologia (Basel) 168:1-24, 1969 (Ger)

ETIOLOGY

Gonadal dysgenesis (Turner's syndrome). Potasnick A.
S Afr Med J 43:835-9, 5 Jul 69

FAMILIAL & GENETIC

Abnormal sex chromatin pattern in cryptorchidism, girls with short stature and other endocrine patients. Bergadá C, et al. Helv Paediat Acta 24:372-7, Aug 69
Turner syndrome and Noonan's syndrome. Summitt RL. J Pediat 75:730-1, Oct 69
Hereditary factors in obstetrics and gynecology. Simpson JL, et al.
Obstet Gynec Survey 24:580-601, Jul 69 (162 ref.)
[Relation of chromosomal aberration and clinical signs in childhood] Harada Y.
J Kumamoto Med Soc 43:387-98, 25 May 69 (131 ref.) (Jap)

PATHOLOGY

[Massive hyalinization of dysgenetic gonad] Molina RA, et al. Rev Obstet Ginec Venez 28:421-6, 1968 (Spa)

RADIOGRAPHY

Gonadal dysgenesis (Turner's syndrome). Potasnick A.
S Afr Med J 43:835-9, 5 Jul 69
[Cardiovascular abnormalities in Ullrich-Turner syndrome] Dupuis C, et al.
Lille Med 12:421-6, Apr 67 (Fre)
[Skeletal deformity during Turner's syndrome] Linquette M, et al. Lille Med 12:409-20, Apr 67 (Fre)

Hyperresponsiveness to metyrapone. Sabeh G, et al.
Exp Med Surg 25:218-28, 1967

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Production of hypertensive vascular disease in the rat by methyltestosterone. Molteni A, et al. **Lab Invest 21:129-37, Aug 69**

[On the effect of anabolic steroids on the development of experimental amyloidosis in mice] Kozlowski H, et al. **Zbl Allg Path 112:184-93, 1969 (Ger)**

ADMINISTRATION & DOSAGE

[Treatment of chronic coronary insufficiency] Miasnikov LA, et al. **Kardiologiia 8:89-97, Nov 68 (Rus)**

ADVERSE EFFECTS

Anabolic androgenic steroids in the treatment of acquired aplastic anemia. Sanchez-Medal L, et al. **Blood 34:283-300, Sep 69**

[Use of anabolic drugs in the children] Lambrechts A. **Rev Med Liege 22:209-12, 15 Apr 67 (Fre)**

PHARMACODYNAMICS

Practically applicable results of twenty years of research in endocrinology. Tausk M. **Fortschr Arzneimittelforsch 12:137-64, 1968 (130 ref.)**

[Use of anabolic drugs in the children] Lambrechts A. **Rev Med Liege 22:209-12, 15 Apr 67 (Fre)**

[The effect of sterols and steroids on the body calcium fractions] Harnapp GO. **Z Aerztl Fortbild (Jena) 63:612-21, 1 Jun 69 (Ger)**

[Action of anabolic steroids on the development of the genital system in the rabbit. VI. Anabolic and androgenic activity of 13 beta-ethyl-17 beta-hydroxy-17 alpha-ethyl-4-gonen-3-one (Norboletone) in the rat] Ferrari W, et al. **Boll Soc Ital Biol Sper 44:1310-3, 31 Aug 68 (Ita)**

[Action of anabolic steroids on development of the genital system in the rabbit. V. Effect of 13 beta-ethyl-17 beta-hydroxy-17 alpha-ethyl-4-gonen-3-one (Norboletone) on the uptake of leucine-C14 by the levator ani and seminal vesicles in the rabbit] Ferrari W, et al. **Boll Soc Ital Biol Sper 44:1309-10, 31 Aug 68 (Ita)**

[Hepatic changes during nephropathy induced by homologous renal antigen in rats. Effect of corticosteroids and anabolizing steroids] Spirito L, et al. **Pathologica 60:71-81, Mar-Apr 68 (Ita)**

[The decrease of sex chromatin ratio in spinal cord nerve cells of female cats] Romer TE. **Endokr Pol 20:343-9, 1969 (Pol)**

[Histochemical evaluation of degenerative changes in peripheral nerves after administration of steroid hormones] Sokolowska-Pituchowa J, et al. **Folia Morph (Warsz) 28:219-24, 1969 (Pol)**

[Use of anabolic hormones for the treatment of cardiovascular patients] Zharov EI, et al. **Kardiologiia 9:144-53, Jan 69 (98 ref.) (Rus)**

[Action of testosterone and anabolic steroid derivatives on cellular growth] Mundo Salvador A. **Rev Clin Esp 114:53-60, 15 Jul 69 (Spa)**

THERAPEUTIC USE

Abnormal height in children. Hamilton W. **Develop Med Child Neurol 11:521-4, Aug 69**

Chemical burns of the eye due to pesticides. Grósz I de. **Ophthalmologica (Basel) 158:136-40, 1969**

[Use of anabolic drugs in the children] Lambrechts A. **Rev Med Liege 22:209-12, 15 Apr 67 (Fre)**

[Factors stimulating liver regeneration; role of anabolic steroids in reactive regeneration in chronic liver diseases] Nicolaescu T, et al. **Rev Roum Physiol 6:119-26, 1969 (Fre)**

[Clinical findings of ovarian carcinoma] Kepp R. **Arch Gynaek 207:272-81, 1969 (Ger)**

[On supplementing the tuberculostatic treatment with a vitamin-mineral-anabolic-combination] Bürgi H, et al. **Praxis 58:873-4, 8 Jul 69 (Ger)**

[Treatment and prognosis of aplastic anemia] Hiraki K, et al. **Saishin Igaku 24:749-56, Apr 69 (42 ref.) (Jap)**

[Contributions to the treatment of pancytopenia] Burdea M, et al. **Rev Medicochir Iasi 73:445-53, Apr-Jun 69 (Rum)**

[Treatment of chronic coronary insufficiency] Miasnikov LA, et al. **Kardiologiia 8:89-97, Nov 68 (Rus)**

[Use of anabolic hormones for the treatment of cardiovascular patients] Zharov EI, et al. **Kardiologiia 9:144-53, Jan 69 (98 ref.) (Rus)**

[Clinical picture and treatment of patients with diencephalo-hypophyseal nanism and subnanism] Kaiumov EG, et al. **Probl Endokr (Moskva) 15:57-60, May-Jun 69 (Rus)**

[Treatment of developmental chronopathies using anabolic hormones; answers depending on the sex of the patient] Santaló Rovira M. **Rev Iber Endocr 16:231-4, May-Jun 69 (Spa)**

ANDROGENS

The peculiar age specific incidence curve for cancer of the breast--Clemmesen's hook. Hakama M. **Acta Path Microbiol Scand 75:370-4, 1969**

Teratogeny in nonhuman primates, with notes on breeding procedures in Macaca mulatta. Wilson JG, et al. **Ann NY Acad Sci 162:267-77, 3 Jul 69**

Inhibitors of the catalytic activity of bovine adrenal glucose-6-phosphate dehydrogenase. Criss WE, et al. **Biochim Biophys Acta 184:486-94, 2 Sep 69**

On the mechanism of sexual differentiation of the rat hypothalamus. Fierkó B, et al. **Rass Neurol Veg 21:85-98, 30 Apr 67**

Tumorigenesis in the androgen-sterile rat: reciprocal incidence of carcinogen induced-mammary gland and ovarian tumors. Stern E, et al. **Rass Neurol Veg 21:99-117, 30 Apr 67**

[Use of anabolic hormones for the treatment of cardiovascular patients] Zharov EI, et al. **Kardiologiia 9:144-53, Jan 69 (98 ref.) (Rus)**

ADVERSE EFFECTS

[Dietetics and therapy of senile osteoporosis] Lenzi F, et al. **Clin Ter 43:221-31, 15 Nov 67 (Ita)**

ANALYSIS

[Quantitative estimations of dehydroepiandrosterone, androsterone, etiocholanolone, estrogens and testosterone in blood plasma and skin eluats in acne vulgaris] Brehm G, et al. **Arch Klin Exp Derm 234:117-24, 1969 (Ger)**

[Fractionation of steroid hormones epinephrine and their metabolites. Androgen (C19-steroid)] Kambegawa A. **Jap J Clin Med 27:593-9, Mar 69 (Jap)**

ANTAGONISTS & INHIBITORS

Testosterone metabolism in the rat ventral prostate. Belham JE, et al. **Biochim Biophys Acta 187:159-62, 29 Jul 69**

Antifertility effect of 17 alpha-methyl-B-nortestosterone (SK&F 7690). Saunders HL, et al. **Endocrinology 85:960-3, Nov 69**

The reproductive tract of males delivered by rats given cyproterone acetate from days 7 to 21 of pregnancy. Forsberg JG, et al. **J Endocr 44:461-2, Jul 69**

Possible oestrogenic and anti-androgenic effects in rats treated with the oral hypoglycaemic agents tolbutamide and acetohexamide. Saad SF. **J Pharm Pharmacol 21:314-6, May 69**

Contraceptive properties of the anti-androgen cyproterone acetate. Whalen RE, et al. **Nature (London) 223:633-4, 9 Aug 69**

Endocrine activities of some novel steroids. McKinney GR, et al. **Steroids 14:91-5, Aug 69**

[Fluorescence microscopy studies on the hypothalamus of male rats following treatment with

an active anti-androgenic substance] Meinhardt DW, et al. Experientia 25:643, 15 Jun 69 (Ger)

[Change in sexual specificity with respect to the reduction of androstenedione by hydrogen from estradiol-17beta in rat liver following feminization by cyproterone acetate] Wenzel M, et al. Hoppe Seyler Z Physiol Chem 350:791-2, Jun 69 (Ger)

BIOSYNTHESIS

Influence of physical and chemical treatments upon the microsomal enzymes of testes related to androgen biosynthesis. Machino A, et al. Endocr Jap 16:37-46, Feb 69

Two cases of germinal aplasia: plasma concentration and in vitro biosynthesis of androgens. Conti C, et al. Folia Endocr (Roma) 21:404-11, Aug 68

[Studies on the gonad and adrenal cortex function using a gestagen-therapy (Chlormadinone acetate)] Reisert PM, et al. Arzneimittelforschung 19:1279-83, Aug 69 (Ger)

CHEMICAL SYNTHESIS

The stereospecific removal of a C-19 hydrogen atom in oestrogen biosynthesis. Skinner SJ, et al. Biochem J 114:75-81, Aug 69

METABOLISM

Steroid excretion and biosynthesis, with special reference to androst-16-enes, in a woman with a virilising adrenocortical carcinoma. Gower DB, et al. Acta Endocr (Kobenhavn) 60:265-75, Feb 69

The reception of androgens in the rat ventral prostate. Belham JE, et al. Biochem J 114:32P, Sep 69

A simple technique for the separation and estimation of 3H-labelled androgen metabolites. Neal GE, et al. Biochem J 114:31P-32P, Sep 69

Urinary 17-ketosteroid fractionation in depression: a preliminary report. Mendels J. Brit J Psychiat 115:581-5, May 69

Androgen metabolism in congenital adrenal hyperplasia due to 11 beta-hydroxylase deficiency. Frasier SD, et al. Pediatrics 44:201-8, Aug 69

Effects of some pesticides and related compounds on steroid function and metabolism. Kupfer D. Residue Rev 19:11-30, 1967 (96 ref.)

[The urocytogram and acne in women. The role of androgens] Chanial G, et al. Bull Soc Franc Derm Syph 76:124-5, 1969 (Fre)

[New data on seasonal endocrine cycles] Delost P. J Physiol (Paris) 60:Suppl 2:356, 1968 (Fre)

[On the alkyl-substituted steroids. V. Testosterone excretion in man after oral administration of 1alpha-methyl-5alpha-androstane-17beta ol-3-one(mesterolone) and 17-alpha-methyl-androst-4-en-17beta-ol-3-one (17 alpha-methyltestosterone)] Gerhards E, et al. Arzneimittelforschung 19:765-6, May 69 (Ger)

[Newer clinical and experimental aspects of androgens] Tamm J. Deutsch Med J 20:452-3, Jul 69 (Ger)

[Action of anabolic steroids on the development of the genital system in the rabbit. VI. Anabolic and androgenic activity of 13 beta-ethyl-17 beta-hydroxy-17 alpha-ethyl-4-gonen-3-one (Norboletone) in the rat] Ferrari W, et al. Boll Soc Ital Biol Sper 44:1310-3, 31 Aug 68 (Ita)

[Comparative results of the study of the thyroid gland and androgen function of the adrnal cortex in patients with hypertensive disease] Kolbasova AN. Kardiologiia 9:126-8, Apr 69 (Rus)

PHARMACODYNAMICS

Studies on the control of hemoglobin synthesis: the in vitro stimulating effect of a 5-beta-H steroid metabolite on heme formation in human bone marrow cells. Necheles TF, et al. Blood 34:380-4, Sep 69

Experimental reversal of germ cells. Turner CD. Embryologia (Nagoya) 10:206-30, Feb 69 (23 ref.)

Alteration by neonatal hypothyroidism of the critical period for the induction of persistent estrus in the rat. Kikuyama S. Endocr Jap 16:269-73, Apr 69

Biphasic effect of estrogen on rat plasma cholesterol level and its interaction by androgen. Uchida K, et al. Endocr Jap 16:211-4, Feb 69

Practically applicable results of twenty years of research in endocrinology. Tausk M. Fortschr Arzneimittelforsch 12:137-64, 1968 (130 ref.)

Hormonal influences on genetic expression as demonstrated in organ culture studies of reproductive ducts of fetal guinea pigs. Price D, et al. Proc Kon Nederl Akad Wet [Biol Med] 72:370-84, 1969

Early effects of androgens on the biosynthesis of protein and RNA by the postmitochondrial fraction of the mouse kidney. Kochakian CD. Steroids 14:77-90, Aug 69

Endocrine activities of some novel steroids. McKinney GR, et al. Steroids 14:91-5, Aug 69

[Endogenous and exogenous influences on the ovarian function and embryonal development] Smidt D. Arch Gynaek 207:155-64, 1969 (Ger)

[On the alkyl-substituted steroids. V. Testosterone excretion in man after oral administration of 1alpha-methyl-5alpha-androstane-17beta ol-3-one(mesterolone) and 17-alpha-methyl-androst-4-en-17beta-ol-3-one (17 alpha-methyltestosterone)] Gerhards E, et al. Arzneimittelforschung 19:765-6, May 69 (Ger)

[Nipiopharmacology of steroid hormones] Macciotta A. Minerva Nipiol 17:204-38, Nov-Dec 67 (746 ref.) (Ita)

[Sexual differentiation of the hypothalamus (review of the literature)] Babichev VN. Probl Endokr (Moskva) 15:120-4, May-Jun 69 (48 ref.) (Rus)

[Early steroid regulation of sexual differentiation of the brain (review of the literature)] Vunder PA. Probl Endokr (Moskva) 15:114-20, May-Jun 69 (53 ref.) (Rus)

[Action of an androgen (17 alpha-methyl, 17-beta-hydroxyandrostane-1,4-dien 3-one) on blood cell aggregation] Villanueva R, et al. Rev Esp Fisiol 25:23-8, Mar 69 (Spa)

PHYSIOLOGY

A positive feedback action of androgen on pituitary follicle stimulating hormone: induction of a cyclic phenomenon. Johnson DC, et al. Endocrinology 85:881-5, Nov 69

Intracellular regulation of nucleic acids of mouse kidney by androgens. Kochakian CD. Gen Comp Endocr 13:146-50, Aug 69

Hormonal regulation of aminopyrine N-demethylase system in rat liver. Ichii S, et al. J Biochem (Tokyo) 65:597-601, Apr 69

Radioimmunoassayable serum LH and FSH in girls with sexual precocity, premature thelarche and adrenarche. Kenny FM, et al. J Clin Endocr 29:1272-5, Sep 69

Recent studies on androgenic function in human subjects. Ismail AA, et al. J Obstet Gynaec Brit Comm 75:929-40, Sep 68 (78 ref.)

[Newer clinical and experimental aspects of androgens] Tamm J. Deutsch Med J 20:452-3, Jul 69 (Ger)

[The effect of sex gland stimulation on regeneration of the thyroid gland] Miroinichenko EV. Biull Eksp Biol Med 67:87-90, Mar 69 (Rus)

[Role of neuro-endocrine factors in the developmental mechanism of hypertrophy and insufficiency of the heart] Meerson FZ, et al. Kardiologiia 7:73-9, Nov 67 (Rus)

[Sexual differentiation of the hypothalamus (review of the literature)] Babichev VN. Probl Endokr (Moskva) 15:120-4, May-Jun 69 (48 ref.) (Rus)

[Early steroid regulation of sexual differentiation of the brain (review of the literature)] Vunder PA. Probl Endokr (Moskva) 15:114-20, May-Jun 69 (53 ref.) (Rus)

SECRETION

Presence of hypothalamo-pituitary testicular axis in the early postnatal period. Yagimura T, et al. Endocr Jap 16:5-10, Feb 69

Recent studies on androgenic function in human subjects. Ismail AA, et al. J Obstet Gynaec Brit Comm 75:929-40, Sep 68 (78 ref.)

[Testicular function in idiopathic hemochromatosis] Gilbert-Dreyfus. Rev Franc Endocr Clin 10:191-203, May-Jun 69 (Fre)

THERAPEUTIC USE

The therapeutic implications of the hypothesis of

allergic hypersensitivity as dysfunction of the intracellular immune mechanism. Williams HL, et al. Ann Allerg 27:434-60, Sep 69

Bone marrow reactions to trauma. Stimulation of erythropoietic marrow by mechanical disruption, fracture or endosteal curettage. Van Dyke D, et al. Blood 34:257-75, Sep 69

A case of adult male pseudohermaphroditism: the problems of diagnosis and treatment. Jelinek VM, et al. Med J Aust 2:150-3, 19 Jul 69

Treatment of cancer of the breast. Fraser J. Practitioner 203:146-52, Aug 69

[Drug therapy of endometriosis] Hussiein H. Arch Gynaek 207:265-71, 1969 (Ger)

[Clinical course of prostatic carcinoma] Hanschke HJ. Deutsch Med J 19:721-5, 20 Oct 68 (Ger)

[Psychogenic symptomatology of climacteric and an attempt to demonstrate the therapeutic effect of change of the hand writing pattern] Hannibal W. Med Welt 25:1527-30, 22 Jun 68 (Ger)

[Treatment with sex hormones--pharmacology] Kramer M. Z Allgemeinmed 45:660-9, 20 May 69 (Ger)

[On the treatment of climacteric in closed institutions] Schneider-Reinkens A. Z Allgemeinmed 45:870-3, 30 Jun 69 (Ger)

[Dietetics and therapy of senile osteoporosis] Lenzi F, et al. Clin Ter 43:221-31, 15 Nov 67 (Ita)

[Current therapeutic possibilities in idiopathic myelofibrosis. Observations on 47 cases] Perugini S, et al. Clin Ter 45:21-60, 15 Apr 68 (102 ref.) (Ita)

[Current problems in the therapy of diffuse breast carcinoma] Di Pietro S. Minerva Radiol 13:569-73, Oct 68 (Ita)

[Some clinico-instrumental data concerning the effect of prolonged therapeutic use of sex hormones on the development of atherosclerosis in diabetes mellitus] Nikolaev EI. Probl Endokr (Moskva) 15:8-11, Mar-Apr 69 (Rus)

URINE

[Female laryngeal carcinoma and sexual hormones] Hanson J, et al. Arch Klin Exp Ohr Nas Kehlkopfheilk 193:277-86, 1969 (Ger)

ANDROSTANES

Studies on the stereospecificity of liver alcohol dehydrogenase (LADH) for 3beta-hydroxy-5beta-steroids. Inhibition effect of pyrazole and of a 3alpha-hydroxycholanoic acid. Reynier M, et al. Acta Chem Scand 23:1130-6, 1969

Competition of two substrates for a single enzyme. A simple kinetic theorem exemplified by a hydroxy steroid dehydrogenase reaction. Pocklington T, et al. Biochem J 112:331-4, Apr 69

The role of cytochrome P-450 in the mechanism of inhibition of steroid 11 beta-hydroxylation by dicumarol. Williamson DG, et al. Biochemistry (Wash) 8:1300-6, Apr 69

Ketenimine-dimethyl sulphoxide oxidation of hydroxy-steroids. Harmon RE, et al. Chem Industr 40:1428, 4 Oct 69

Studies in the steroid group. LXXX. Proton magnetic resonance and mass spectra of 2-aza-3-oxo-, 3-aza-2-oxo, 16-aza-17-oxo-, and 17-aza-16-oxo-5alpha-androstane. Aplin RT, et al. J Chem Soc [Org] 11:1602-4, Jun 69

Further stereochemical studies of the catalytic reduction of delta-1,4-3-keto steroids with tritium. Brodie HJ, et al. J Org Chem 34:2697-702, Sep 69

[Steroid alkaloids. 88. Substitutions, eliminations and transpositions of tosyloxy-20 steroids. 3. The transposition of D-homo] Leboeuf M, et al. Bull Soc Chim France 5:1628-32, May 69 (Fre)

[Synthesis and infrared spectra in the region 3650-3600 reciprocal centimeters for some 7-hydroxy androstanes] Mailloux M, et al. Bull Soc Chim France 2:617-21, Feb 69 (Fre)

[On 9-beta,10-alpha-steroids. 4. Structure elucidation from microbiological reaction products] Eis H, et al. Helv Chim Acta 52:1157-64, 1969 (Ger)

[Transformation of 3-oxo-17-ethylenedioxy-19-mesyloxy-delta-1,4-androstadiene in 3 instances to A-homo-19-norsteroids] Wieland P, et al. Helv Chim Acta 52:121-7, 31 Jan 69 (Ger)

ADMINISTRATION & DOSAGE

Early effects of androgens on the biosynthesis of protein and RNA by the postmitochondrial fraction of the mouse kidney. Kochakian CD. Steroids 14:77-90, Aug 69

ADVERSE EFFECTS

Oral contraceptive medications and vulvovaginal candidiasis. Diddle AW, et al. Obstet Gynec 34:373-7, Sep 69

ANALYSIS

Quantitation of C19O2 and C21O2 steroid mono- and disulfates in human bile. Laatikainen T, et al. Steroids 14:119-31, Aug 69

[A reaction for the determination of testosterone in extracts of body fluids] Ittrich G. Hoppe Seyler Z Physiol Chem 350:513-6, Apr 69 (Ger)

[Gas chromatography and determination of testosterone esters in mixtures] Amormino V, et al. Ann Ist Sup Sanit 4:108-10, 1968 (Ita)

BIOSYNTHESIS

Effect of vitamin A on enzymic conversion of the delta-5-3-beta-hydroxy- into delta-4-3-oxosteroids by adrenals of the rat. Grangaud R, et al. Amer J Clin Nutr 22:991-1002, Aug 69

Biochemical studies in a patient with chromatin-negative Klinefelter's syndrome. Dufau M, et al. Clin Chim Acta 25:389-93, Sep 69

Seasonal changes in the in vitro production of testicular androgens by the cobra (Naja naja Linn). Tam WH, et al. Gen Comp Endocr 13:117-25, Aug 69

Absence of response to dihydrotestosterone in the syndrome of testicular feminization. Strickland AL, et al. J Clin Endocr 29:1284-6, Sep 69

[Action of cyproterone on plasma binding and metabolism of testosterone] Guillemant S, et al. C R Acad Sci [D] (Paris) 268:2595-7, 28 May 69 (Fre)

BLOOD

Steroid excretion and biosynthesis, with special reference to androst-16-enes, in a woman with a virilising adrenocortical carcinoma. Gower DB, et al. Acta Endocr (Kobenhavn) 60:265-75, Feb 69

Plasma androgen concentrations in several species of Old and New World monkeys. Snipes CA, et al. Endocrinology 85:794-8, Oct 69

Plasma androgen concentrations in several species of Old and New World monkeys. Snipes CA, et al. Endocrinology 85:941-5, Nov 69

Sex hormone binding proteins. II. Isolation from serum of an elasmobranch (Raja radiata). Freeman HC, et al. Gen Comp Endocr 13:83-91, Aug 69

Sex hormone binding proteins. I. Binding of steroids by serum of an elasmobranch (Raja radiata). Idler DR, et al. Gen Comp Endocr 13:75-82, Aug 69

The removal of testosterone binding globulin from plasma by affinity chromatography. Burstein SH. Steroids 14:263-8, Sep 69

Position of the sulfate group in steroid sulfates from human plasma. Cronholm T. Steroids 14:285-96, Sep 69

A competitive protein binding method for the measurement of plasma androstenedione. Rosenfield RL. Steroids 14:251-61, Sep 69

CHEMICAL SYNTHESIS

A study of the Henbest reduction: the preparation of 3-alpha-hydroxy-5-alpha-and 3-beta-hydroxy-5-beta-steroids. Browne PA, et al. J Chem Soc [Org] 12:1653-9, 1969

The preparation of AB-dinor steroids. Dauben WG, et al. J Org Chem 34:2297-301, Aug 69

Synthesis and reactions of isomeric 3-acetamido-4,5-oxidoandrostan-17-beta-ol acetates. Lukacs G, et al. J Org Chem 34:2707-10, Sep 69

[Steroid alkaloids. XCI (1). Substitutions and eliminations of tosyloxy-17-alpha-beta D-homo steroids in different solvents. Stereospecific syntheses of amino-17-alpha and hydroxy-17-alpha D-homo steroids] Leboeuf M, et al. Bull Soc Chim France 6:2100-9, Jun 69 (Fre)

[Synthesis and infrared spectra in the region 3650-3600 reciprocal centimeters for some 7-hydroxy

androstanes] Mailloux M, et al.
Bull Soc Chim France 2:617-21, Feb 69 (Fre)
[Synthesis and antibacterial activity of acid and basic A-nor-androstane derivatives] Rufer C.
Liebig Ann Chem 726:145-51, 1969 (Ger)

ISOLATION & PURIFICATION

Uptake and metabolism in vivo of testosterone-1,2-3H by accessory sex organs of male rats; influence of some hormonal compounds. Tveter KJ, et al.
Endocrinology 85:683-9, Oct 69
Studies on the metabolism of steroid hormones and their precursors by the human placenta at various stages of gestation. II. In vitro metabolism of 3 beta-hydroxyandrost-5-en-17-one. Smith SW, et al.
J Clin Endocr 29:1182-90, Sep 69
[Change in sexual specificity with respect to the reduction of androstenedione by hydrogen from estradiol-17beta in rat liver following feminization by cyproterone acetate] Wenzel M, et al.
Hoppe Seyler Z Physiol Chem 350:791-2, Jun 69 (Ger)

METABOLISM

Steroid excretion and biosynthesis, with special reference to androst-16-enes, in a woman with a virilising adrenocortical carcinoma. Gower DB, et al.
Acta Endocr (Kobenhavn) 60:265-75, Feb 69
Microbial transformations. II. Reduction of androstene-5-3beta-OL-17-one by rhodotorula strains. Nespiak A, et al. Arch Immun Ther Exp 17:443-6, 1969
The stereospecific removal of a C-19 hydrogen atom in oestrogen biosynthesis. Skinner SJ, et al.
Biochem J 114:75-81, Aug 69
Steroid metabolism by badger (Taxidea taxus) ovarian tissue homogenates. Fevold HR, et al.
Gen Comp Endocr 13:60-7, Aug 69
Androgen metabolism in congenital adrenal hyperplasia due to 11 beta-hydroxylase deficiency. Frasier SD, et al. Pediatrics 44:201-8, Aug 69
Steroid hormone transformations by endocrine organs from pregnant mammals. V. The biosynthesis and metabolism of progesterone and estrogens by orangutan placental tissue in vitro. Ainsworth L, et al.
Steroids 14:301-14, Sep 69
Metabolism of progesterone by rattesticular homogenates. 3. Inhibitory effects of intermediates and other steroids. Nayfeh SN, et al.
Steroids 14:269-83, Sep 69
Metabolism of steroid drugs. I. Different stereospecific hydrogenation of 19-nortestosterone enantiomers by Mycobacterium smegmatis. Schubert K, et al.
Steroids 14:297-300, Sep 69
[Androgen metabolism and estrogen production in explant cultures of rat ovaries following incubation with androstenedione and testosterone] Schriefers H, et al.
Hoppe Seyler Z Physiol Chem 350:999-1007, Aug 69 (Ger)
[Change in sexual specificity with respect to the reduction of androstenedione by hydrogen from estradiol-17beta in rat liver following feminization by cyproterone acetate] Wenzel M, et al.
Hoppe Seyler Z Physiol Chem 350:791-2, Jun 69 (Ger)
[Metabolism of testosterone in the isolated, perfused liver of the guinea pig] Demisch K, et al.
Naunyn Schmiedeberg Arch Pharm 263:264-5, 1969 (Ger)
[Deacetylation of steroid acetates by Proactinomyces turbata] Zaretskaia II, et al.
Mikrobiologiia 37:430-2, May-Jun 68 (Rus)

PHARMACODYNAMICS

Studies on the control of hemoglobin synthesis: the in vitro stimulating effect of a 5-beta-H steroid metabolite on heme formation in human bone marrow cells. Necheles TF, et al. Blood 34:380-4, Sep 69
Uptake and metabolism in vivo of testosterone-1,2-3H by accessory sex organs of male rats; influence of some hormonal compounds. Tveter KJ, et al.
Endocrinology 85:683-9, Oct 69
Partial defeminization by administration of androstenedione to neonatal female rats. Luttge WG, et al. Life Sci 8:1003-8, 1 Sep 69
[Synthesis and antibacterial activity of acid and basic A-nor-androstane derivatives] Rufer C.
Liebig Ann Chem 726:145-51, 1969 (Ger)
[Nipiopharmacology of steroid hormones] Macciotta A.
Minerva Nipiol 17:204-38, Nov-Dec 67 (746 ref.) (Ita)

THERAPEUTIC USE

[Factors stimulating liver regeneration; role of anabolic steroids in reactive regeneration in chronic liver diseases] Nicolaescu T, et al.
Rev Roum Physiol 6:119-26, 1969 (Fre)
[Clinical experience with Furazabol in mammary tumors, with special emphasis on mastopathy] Watanuki S, et al.
Surg Ther (Osaka) 20:470-4, Apr 69 (Jap)

URINE

Steroid excretion and biosynthesis, with special reference to androst-16-enes, in a woman with a virilising adrenocortical carcinoma. Gower DB, et al.
Acta Endocr (Kobenhavn) 60:265-75, Feb 69
Urinary excretion of androstenedione, testosterone, epitestosterone and dehydroepiandrosterone during the normal menstrual cycle. Longhino N, et al.
Acta Endocr (Kobenhavn) 59:644-51, Dec 68
[Action of cyproterone on plasma binding and metabolism of testosterone] Guillemant S, et al.
C R Acad Sci [D] (Paris) 268:2595-7, 28 May 69 (Fre)

ANDROSTENOL

Ketenimine-dimethyl sulphoxide oxidation of hydroxy-steroids. Harmon RE, et al.
Chem Industr 40:1428, 4 Oct 69

METABOLISM

Steroid excretion and biosynthesis, with special reference to androst-16-enes, in a woman with a virilising adrenocortical carcinoma. Gower DB, et al.
Acta Endocr (Kobenhavn) 60:265-75, Feb 69

CHLORMADINONE

ADMINISTRATION & DOSAGE

Chlormadinone acetate 0-5 mg. A report on its effectiveness in continuous use as an oral contraceptive. Christie GA.
Med J Aust 2:185-9, 26 Jul 69
[Permanent low-dose administration of gestagen, a new form of hormonal contraception. Personal experience and hormonal studies on the mechanism of action] Hammerstein J. Arch Gynaek 207:48, 1969 (Ger)
[Modification of cervix factor and penetration tests by permanent low-dose administration of gestagen] Lübke F. Arch Gynaek 207:49-50, 1969 (Ger)
[Problems of the statistical evaluation of clinical studies on oral contraceptives] Richter RH, et al.
Arch Gynaek 207:28-30, 1969 (Ger)
[Histological and coagulation analytical studies on the effect of continuous low-dose gestagen administration on the endometrium] Staffeldt K, et al. Arch Gynaek 207:50-2, 1969 (Ger)
[Studies on the question of the contraceptive effect of low gestagen dosage] Randow H.
Deutsch Gesundh 23:2220-2, 21 Nov 68 (Ger)

ADVERSE EFFECTS

Cytohormonal findings in patients using various forms of contraception. Reyniak JV, et al.
Acta Cytol (Balt) 13:315-22, Jun 69
Chlormadinone acetate 0-5 mg. A report on its effectiveness in continuous use as an oral contraceptive. Christie GA.
Med J Aust 2:185-9, 26 Jul 69
Oral contraceptive medications and vulvovaginal candidiasis. Diddle AW, et al.
Obstet Gynec 34:373-7, Sep 69
Effect of selected estrogens and progestins on human chromosomes in vitro. Stenchever MA, et al.
Obstet Gynec 34:249-51, Aug 69
[Permanent low-dose administration of gestagen, a new form of hormonal contraception. Personal experience and hormonal studies on the mechanism of action] Hammerstein J. Arch Gynaek 207:48, 1969 (Ger)

PHARMACODYNAMICS

Cytohormonal findings in patients using various forms

of contraception. Reyniak JV, et al.
Acta Cytol (Balt) 13:315-22, Jun 69
Concentration of luteinizing and follicle-stimulating hormones in peripheral and ovarian venous plasma. Lierena LA, et al. J Clin Endocr 29:1083-9, Aug 69
The action of chlormadinone acetate (6-chloro-delta6-dehydro-17alpha-acetoxyprogesterone) upon experimentally induced ovulation in the rabbit. Harris GW, et al.
J Physiol (London) 203:59-66, Jul 69
[Endocrinologic research] Bettendorf G.
Arch Gynaek 207:383-9, 1969 (Ger)
[Modification of cervix factor and penetration tests by permanent low-dose administration of gestagen] Lübke F. Arch Gynaek 207:49-50, 1969 (Ger)
[Histological and coagulation analytical studies on the effect of continuous low-dose gestagen administration on the endometrium] Staffeldt K, et al. Arch Gynaek 207:50-2, 1969 (Ger)
[Studies on the gonad and adrenal cortex function using a gestagen-therapy (Chlormadinone acetate)] Reisert PM, et al.
Arzneimittelforschung 19:1279-83, Aug 69 (Ger)
[Studies on the question of the contraceptive effect of low gestagen dosage] Randow H.
Deutsch Gesundh 23:2220-2, 21 Nov 68 (Ger)
[Modification of glucose tolerance and plasma insulin concentration by ovulation inhibitors] Waldhäusl W, et al. Geburtsh Frauenheilk 29:611-7, Jul 69 (Ger)

THERAPEUTIC USE

Primary dysmenorrhea: combination vs sequential therapy. Buttram VC Jr, et al.
Texas Med 65:52-5, Aug 69
[Use of chlormadinone in obstetrics] Palliez R, et al.
Bull Fed Gynec Obstet Franc 19:110-1, Apr-May 67 (Fre)
[Clinical experiments with chlormadinone acetate in gynecology and obstetrics] Vitse M, et al.
Bull Fed Gynec Obstet Franc 19:113-4, Apr-May 67 (Fre)
[Attempts of modification of pre- and postpartal edemas in cattle with progestational hormones] Günzler O, et al.
Deutsch Tieraerztl Wschr 76:396-402, 1 Aug 69 (Ger)
[Hormonal therapy of acne vulgaris. Ovulation inhibitors in premenstrual acne] Schirren C, et al.
Munchen Med Wschr 111:1742-7, 29 Aug 69 (Ger)

CLOMIPHENE

ADMINISTRATION & DOSAGE

Pregnancy following clomiphene and chorionic gonadotrophin. Jenkins CO, et al.
Proc Roy Soc Med 62:707, 7 Jul 69
[Combined effect of HMG and Clomid on ovulation] Misono Y, et al. Sanfujin Jissai 18:307-13, Apr 69 (Jap)

ADVERSE EFFECTS

Discrepancies between colpocytology and urinary steroid hormone excretion in women treated with clomiphene citrate or gonadotropins for anovulatory sterility. Boquoi E, et al.
Acta Cytol (Balt) 13:332-46, Jun 69
[Effect of clomiphene on hepatic function] Tenconi L, et al. Minerva Ginec 20:1875-8, 15 Dec 68 (Ita)

ANALYSIS

Analysis of clomiphene citrate. Pol HJ van der, et al.
Pharm Weekbl 104:973-9, 15 Aug 69

PHARMACODYNAMICS

Biological properties of three ovulation inducers, stilboestrol, clomiphene and F 6066. Watnick AS, et al.
Acta Endocr (Kobenhavn) 59:611-21, Dec 68
Studies on antifertility, mode of action and toxicity of new clomiphene analogue. Pakrashi A, et al.
Indian J Exp Biol 7:117, Apr 69
Arginine induced growth hormone release after clomiphene treatment. Fiedler AJ, et al.
J Clin Endocr 29:1110-3, Aug 69
Polycystic ovarian disease, clomiphene, and multiple pregnancies. Goldfarb AF, et al.
Obstet Gynec 34:307-9, Sep 69
Effect of estrogen and clomiphene on uterine sialic acid in the rat during delayed implantation. Rajalakshmi M, et al. Steroids 14:47-54, Jul 69
[Endocrinologic research] Bettendorf G.
Arch Gynaek 207:383-9, 1969 (Ger)
[Functional interactions between uterine tube and fertilized egg] Stegner HE.
Arch Gynaek 207:136-54, 1969 (64 ref.) (Ger)
[Medicinal ovulation induction] Zander J.
Arch Gynaek 207:406-9, 1969 (Ger)
[Effect of clomiphene on hepatic function] Tenconi L, et al. Minerva Ginec 20:1875-8, 15 Dec 68 (Ita)
[Anovulation and clomiphene citrate] Martínez JT, et al. Rev Obstet Ginec Venez 27:691-700, 1967 (Spa)

THERAPEUTIC USE

Electroencephalographic changes in anovulatory cycles. Bental E, et al.
Electroenceph Clin Neurophysiol 27:216, Aug 69
Treatment of infertility due to anovulation. Pennington GW. Midwives Chron 82:302-4, Sep 69
Polycystic ovarian disease, clomiphene, and multiple pregnancies. Goldfarb AF, et al.
Obstet Gynec 34:307-9, Sep 69
[Urinary testosterone and epitestosterone in gynecology practice] Ingiulla W, et al.
Rev Franc Endocr Clin 10:109-20, Mar-Apr 69 (Fre)
[Clomiphene treatment and treatment with a single dose of HMG in anovulatory cycles] Ingiulla W, et al.
Arch Gynaek 207:46-7, 1969 (Ger)
[Effect of clomiphene on hepatic function] Tenconi L, et al. Minerva Ginec 20:1875-8, 15 Dec 68 (Ita)
[Current possibilities of medical treatment for "secretory" male sterility] Valsecchi A, et al.
Minerva Ginec 20:1831-9, 15 Dec 68 (Ita)

TOXICITY

Studies on antifertility, mode of action and toxicity of new clomiphene analogue. Pakrashi A, et al.
Indian J Exp Biol 7:117, Apr 69

CONTRACEPTIVES, ORAL

Simplified dexamethasone suppression test. Asfeldt VH. Acta Endocr (Kobenhavn) 61:219-31, Jun 69
Sociomedical studies on 60,000 applicants for family planning. Ragab MI, et al.
Amer J Obstet Gynec 105:156-65, 15 Sep 69
Progestogen-only oral contraceptives. Cox HJ.
Brit Med J 3:471-2, 23 Aug 69
Prolonged observations on variations in the serum copper in Hodgkin's disease. Warren RL, et al.
Clin Radiol 20:247-56, Jul 69
Practically applicable results of twenty years of research in endocrinology. Tausk M.
Fortschr Arzneimittelforsch 12:137-64, 1968 (130 ref.)
Aneurysm of splenic artery, second commonest abdominal aneurysm: case report. Bilyea DL, et al.
J Amer Osteopath Ass 68:1141-3, Jul 69
Oral contraceptives. Lahiri BC.
J Indian Med Ass 52:38-40, 1 Jan 69 (50 ref.)
Psychiatric aspects of failure with oral contraceptives. Gluckman LK. New Zeal Med J 70:10-3, Jul 69
Oral contraceptives; medical aspects and nursinng responsibilities. Beasley WB, et al.
Nurs J India 60:120-5, Apr 69
Pregnancy following oral contraceptive therapy. Peterson WF. Obstet Gynec 34:363-7, Sep 69
Oral contraception, coital frequency, and the time required to conceive. Westoff CF, et al.
Soc Biol 16:1-10, Mar 69
[Reminders concerning the current state of our oral contraception] Havránek F.
Cesk Gynek 34:424-5, Sep 69 (Cze)
[Contraception] Schwers J.
Infirmiere 47:12-6, Aug 69 (Fre)
[Gestagens] Pigeaud H.
Maroc Med 47:291-5, Apr 67 (Fre)
[Methods of contraception in a country district] Huber A. Arch Gynaek 207:31, 1969 (Ger)
[Psychological and theological problems of contraception with ovulation inhibitors] Poettgen H.
Arch Gynaek 207:99-104, 1969 (Ger)
[Methods of contraception in a rural district] Huber A.
Med Klin 64:1134-6, 13 Jun 69 (Ger)
[The number of abortions drops--a result of preventive medical measures] Döring GK.
Z Allgemeinmed 45:721-2, 31 May 69 (Ger)
[The "sequential" method with a new

estrogen-progesterone combination in ovulation control] Bailo U, et al.
Minerva Ginec 20:1885-7, 15 Dec 68 (Ita)
[Oral contraceptives] Adachi H, et al.
Sanfujin Jissai 18:320-6, Apr 69 (Jap)
[Clinical aspect of oral contraceptive pills] Tokuda G.
Sanfujin Jissai 18:327-33, Apr 69 (Jap)

ADMINISTRATION & DOSAGE

Cytohormonal findings in patients using various forms of contraception. Reyniak JV, et al.
Acta Cytol (Balt) 13:315-22, Jun 69
Clinical, biochemical, and experimental studies on lactation. II. Clinical effects of gestagens on lactation. Kamal I, et al. Amer J Obstet Gynec 105:324-34, 1 Oct 69
An evaluation of depression as a side effect of oral contraceptives. Lewis A, et al.
Brit J Psychiat 115:697-701, Jun 69
Progestational agents. Brit Med J 1:344-6, 9 Aug 69
Plasma protein changes induced by sequential type of contraceptive steroid pills. Laurell CB, et al.
Clin Chim Acta 25:294-6, Aug 69
Further observations on the clinical effectivity of new low-dosage oral pills for contraception in Indian women: a four-year study. Shah PN.
Indian J Med Res 57:642-9, Apr 69
Which oral contraceptive should I use? Anderson WR.
J Iowa Med Soc 59:299-302, Apr 69
Quantitative separation of progestins and estrogens from anovulatory formulations. Fernández AA, et al.
J Pharm Sci 58:740-4, Jun 69
Experience with sequential and low-dose-progestogen oral contraceptives. Jackson MC.
Lancet 2:540-1, 6 Sep 69
Fasting serum triglyceride, cholesterol, and lipoprotein levels during oral-contraceptive therapy. Wynn V, et al. Lancet 2:756-60, 11 Oct 69
Chlormadinone acetate 0-5 mg. A report on its effectiveness in continuous use as an oral contraceptive. Christie GA.
Med J Aust 2:185-9, 26 Jul 69
Amenorrhea following oral contraceptives. Halbert DR, et al. Obstet Gynec 34:161-7, Aug 69
[Problems of the statistical evaluation of clinical studies on oral contraceptives] Richter RH, et al.
Arch Gynaek 207:28-30, 1969 (Ger)
[Studies on the question of the contraceptive effect of low gestagen dosage] Randow H.
Deutsch Gesundh 23:2220-2, 21 Nov 68 (Ger)
[Recent results of comparative clinical studies with oral contraceptives] Roth F, et al.
Gynaecologia (Basel) 167:467-72, 1969 (Ger)
[Does the pill act as a contraceptive, nidation inhibitor or abortifacient?] Hauser GA.
Ther Umsch 25:349-51, Jun 68 (Ger)
[Oral contraceptives] Adachi H, et al.
Sanfujin Jissai 18:320-6, Apr 69 (Jap)
[Clinical aspect of oral contraceptive pills] Tokuda G.
Sanfujin Jissai 18:327-33, Apr 69 (Jap)
[Norgestrel and ethinyl estradiol. New oral agent of controlled dosage for regulating fertility] Rice-Wray E, et al.
Rev Colombia Obstet Ginec 20:61-8, Mar-Apr 69 (Spa)

ADVERSE EFFECTS

Case of Takayasu's syndrome accelerated (initiated?) by oral contraceptives. Ask-Upmark E.
Acta Med Scand 185:119-20, Jan-Feb 69
Oral contraceptives and cerebral arterial thrombosis. Ask-Upmark E, et al.
Acta Med Scand 185:479-81, Jun 69
Clinical, biochemical, and experimental sutides on lactation. I. Lactation pattern in Egyptian women. Kamal I, et al. Amer J Obstet Gynec 105:314-23, 1 Oct 69
Factors in oral contraception related hypertension. Rosenberg M.
Amer J Obstet Gynec 104:1221-2, 15 Aug 69
Adenocarcinoma-like lesion of cervix--a "pill-induced" problem? Talbert JR, et al.
Amer J Obstet Gynec 105:117-20, 1 Sep 69
Dizziness as related to menstrual cycles and hormonal contraceptives. An electronystagmographic study. Eviatar A, et al.
Arch Otolaryng (Chicago) 90:301-6, Sep 69
Deep vein thrombophlebitis. Current status of etiology and treatment. Laufman H.
Arch Surg (Chicago) 99:489-93, Oct 69 (30 ref.)
An evaluation of depression as a side effect of oral contraceptives. Lewis A, et al.
Brit J Psychiat 115:697-701, Jun 69
Oral contraceptives and thromboembolism. Crombie DL, et al. Brit Med J 3:654-5, 13 Sep 69
Oral contraceptives and thromboembolic disease. Nour-Eldin F. Brit Med J 2:51, 4 Oct 69
Oral contraceptives and thromboembolic disease. Vessey MP, et al. Brit Med J 2:51, 4 Oct 69
Arterial clots and the pill. Brit Med J 3:488, 30 Aug 69
Renal and adrenal factors in hypertension: diagnostic approaches. Laragh JH.
Bull NY Acad Med 45:859-76, Sep 69
Oral contraceptives and cervical atypia: a plea for objective appraisal. Thompson DW.
Canad Med Ass J 101:285-6, 6 Sep 69
The birth control pill and its ophthalmologic side effects. Levinson JM.
Delaware Med J 41:118-20, Apr 69
Oral contraceptives, surgery and prolonged bed rest.
Drug Ther Bull 7:45-6, 6 Jun 69
Potentiation by a progrestational agent of liver damage induced by a hepatotoxic agent. Joshi UM, et al.
Indian J Exp Biol 7:79-81, Apr 69
Further observations on the clinical effectivity of new low-dosage oral pills for contraception in Indian women: a four-year study. Shah PN.
Indian J Med Res 57:642-9, Apr 69
Studies of plasma renin activity in patients with hypertension. Stokes GS.
Israel J Med Sci 5:598-604, Jul-Aug 69
Influence of oral contraceptives on the presence and persistence of Candida albicans and beta-haemolytic streptococci in the vagina. Morris CA.
J Clin Path 22:488-91, Jul 69
Oral contraceptives. Lahiri BC.
J Indian Med Ass 52:38-40, 1 Jan 69 (50 ref.)
The clinical significance of asymptomatic bacteriuria in the nonpregnant woman. Asscher AW, et al.
J Infect Dis 120:17-26, Jul 69
Which oral contraceptive should I use? Anderson WR.
J Iowa Med Soc 59:299-302, Apr 69
Chromosomes and an oral contraceptive (Lyndiol 2.5). Timson J. J Reprod Fertil 19:581-3, Aug 69
Occlusion of the dorsalis pedis artery in two young women. Christian RE. JAMA 209:1366, 1 Sep 69
The morphologic effects of oral contraceptive agents on the cervix. Gall SA, et al.
JAMA 207:2243-7, 24 Mar 69
Malignant hypertension associated with oral contraceptives. Harris PW. Lancet 2:466-7, 30 Aug 69
Oral contraceptives and prophylaxis of thromboembolism. Inman WH, et al.
Lancet 2:699, 27 Sep 69
Oral contraceptives and hypetension. McEwan J.
Lancet 2:594, 13 Sep 69
Oral contraceptives and depression. Winston F.
Lancet 2:377, 16 Aug 69
Effect of oral contraceptives on serum lipids and lipoproteins. Lancet 2:256-7, 2 Aug 69
Metabolic effects of oral contraceptives.
Lancet 2:783-4, 11 Oct 69
Oral contraceptives and prophylaxis of thromboembolism. Lancet 2:419-20, 23 Aug 69
General considerations in the treatment of systemic lupus erythematosus. Rothfield NF.
Mayo Clin Proc 44:691-6, Sep 69
Case studies in reproduction and sexual adjustment. Stoddard FJ. Med Clin N Amer 53:1019-38, Sep 69
Chlormadinone acetate 0-5 mg. A report on its effectiveness in continuous use as an oral contraceptive. Christie GA.
Med J Aust 2:185-9, 26 Jul 69
Thrombo-embolism and the pill.
Med J Aust 2:67-8, 12 Jul 69
Cancer of the cervix. Marchant DJ.
New Eng J Med 281:602-4, 11 Sep 69
Are strokes attacking younger people? Crawford CO, et al. New Zeal Med J 69:341-6, Jun 69
Psychiatric aspects of failure with oral contraceptives. Gluckman LK. New Zeal Med J 70:10-3, Jul 69
Oral contraceptive medications and vulvovaginal candidiasis. Diddle AW, et al.
Obstet Gynec 34:373-7, Sep 69
Amenorrhea following oral contraceptives. Halbert DR, et al. Obstet Gynec 34:161-7, Aug 69
Effect of selected estrogens and progestins on human chromosomes in vitro. Stenchever MA, et al.
Obstet Gynec 34:249-51, Aug 69
[Cerebral thrombosis during oral contraception] Gregersen M, et al. Nord Med 81:946-8, 31 Jul 69 (Dan)

[Detection of a terrain of familial hyperlipemia in 2 women who, before the age of 30 years, were victims of a cerebral vascular accident while under treatment with hormonal contraceptives] Gennes JL de, et al. **Bull Acad Nat Med (Paris) 151:450-62, 20 Jun 67 (Fre)**

[Estroprogestational hormones in dermatology] Chanial G, et al. **Bull Soc Franc Derm Syph 76:125-30, 1969 (Fre)**

[Acne and chloasma induced by a contraceptive] Racouchot J, et al. **Bull Soc Franc Derm Syph 76:132, 1969 (Fre)**

[Indications and contraindications of estro-progestative combinations (contraceptive pills)] Huys J. **Rev Med Liege 22:230-2, 15 Apr 67 (Fre)**

[Clinical study of an oral contraceptive: Ovulen (SC 11800)] Meylan J, et al. **Ther Umsch 25:338-42, Jun 68 (Fre)**

[Problems of the statistical evaluation of clinical studies on oral contraceptives] Richter RH, et al. **Arch Gynaek 207:28-30, 1969 (Ger)**

[Coronary thrombosis after hormonal contraception] Dalgaard JB, et al. **Beitr Gerichtl Med 25:224-34, 1969 (Ger)**

[Side effects of ovulation inhibitors on the eye] Hollwich F, et al. **Deutsch Med Wschr 94:1761-5, 29 Aug 69 (Ger)**

[Recent results of comparative clinical studies with oral contraceptives] Roth F, et al. **Gynaecologia (Basel) 167:467-72, 1969 (Ger)**

[Problems of modern contraception from the neurologic viewpoint] Schimmelpenning GW. **Hippokrates 39:765-9, 31 Oct 68 (Ger)**

[Pruritus vulvae] Langer H. **Munchen Med Wschr 111:1748-53, 29 Aug 69 (Ger)**

[Administration of drugs during pregnancy] Müller WC. **Munchen Med Wschr 111:1687-92, 22 Aug 69 (Ger)**

[Early diagnosis of drug damage to the retina and optic nerve] Brückner R. **Ophthalmologica (Basel) 158:245-72, 1969 (Ger)**

[Psychiatric studies in oral contraceptives] Petersen P, et al. **Praxis 58:267-71, 4 Mar 69 (Ger)**

[Hormonal contraception] Kohoutek M, et al. **Sborn Ved Prac Lek Fak Karlov Univ 11:691-5, 1968 (Ger)**

[Advantages and disadvantages of hormonal pregnancy regulation (so-called ovulation inhibitors)] Hauser GA. **Ther Umsch 25:332-7, Jun 68 (Ger)**

[Practical trials with the ovulation inhibitor Lyndiol 2,5] Schubiger V, et al. **Ther Umsch 25:343-8, Jun 68 (Ger)**

[Cerebral circulation disorders following the use of ovulation inhibitors] Reisner H, et al. **Wien Med Wschr 119:575-8, 16 Aug 69 (Ger)**

[Psychodynamic aspects of oral contraception] Zioiko HU. **Z Psychother Med Psychol 19:164-9, Jul 69 (Ger)**

[Blood coagulation during treatment with oral contraceptives] Bailo U, et al. **Minerva Ginec 20:1879-84, 15 Dec 68 (Ita)**

[Oral contraceptives] Adachi H, et al. **Sanfujin Jissai 18:320-6, Apr 69 (Jap)**

[Clinical aspect of oral contraceptive pills] Tokuda G. **Sanfujin Jissai 18:327-33, Apr 69 (Jap)**

[Contraceptive pills and neoplasms of the breast, uterus and ovaries] Haddad J. **Rev Ass Med Brasil 15:43-50, Jan 69 (57 ref.) (Por)**

[The influence of gestagens on the level of urinary excretion of steroid hormones] Seroshevskii Iu, et al. **Akush Ginek (Moskva) 45:36-9, May 69 (Rus)**

[Cerebral thrombosis after the use of oral contraceptives(presentation of a case)] Silva Pozo J, et al. **Rev Clin Esp 114:71-2, 15 Jul 69 (Spa)**

ANALYSIS

Quantitative separation of progestins and estrogens from anovulatory formulations. Fernández AA, et al. **J Pharm Sci 58:740-4, Jun 69**

PHARMACODYNAMICS

Effect of norethisterone acetate with or without ethinyl oestradiol on the sialic acid concentration and sperm receptivity of the cervical mucus. Carlborg L, et al. **Acta Endocr (Kobenhavn) 59:636-43, Dec 68**

Contraception by an injectable, long-acting oestrogen-progestogen agent. Plesner R. **Acta Endocr (Kobenhavn) 61:494-508, Jul 69**

Half-life of oxytocin in blood of pregnant and non-pregnant women. Rydén G, et al. **Acta Endocr (Kobenhavn) 61:425-31, Jul 69**

Systematic investigations on the influence of a contraceptive on some biochemical parameters of fat and carbohydrate metabolism. Seng P, et al. **Acta Endocr (Kobenhavn) 62:181-92, Sep 69**

Biological properties of three ovulation inducers, stilboestrol, clomiphene and F 6066. Watnick AS, et al. **Acta Endocr (Kobenhavn) 59:611-21, Dec 68**

Clinical, biochemical, and experimental studies on lactation. II. Clinical effects of gestagens on lactation. Kamal I, et al. **Amer J Obstet Gynec 105:324-34, 1 Oct 69**

Subhuman primates in experimental viral oncology. Munroe JS. **Ann NY Acad Sci 162:556-67, 3 Jul 69**

Thermal patterns of the female breast. Draper JW, et al. **Brit J Radiol 42:401-10, Jun 69**

Respnses of young rats to an oral contraceptive fed with varying levels of pyridoxine. Beare-Rogers JL, et al. **Canad J Physiol Pharmacol 47:685-8, Aug 69**

Plasma protein changes induced by sequential type of contraceptive steroid pills. Laurell CB, et al. **Clin Chim Acta 25:294-6, Aug 69**

An effect of oral contraceptives on the EEG of normal females. Margerison JH, et al. **Electroenceph Clin Neurophysiol 27:335, Sep 69**

Studies on antifertility, mode of action and toxicity of new clomiphene analogue. Pakrashi A, et al. **Indian J Exp Biol 7:117, Apr 69**

Further observations on the clinical effectivity of new low-dosage oral pills for contraception in Indian women: a four-year study. Shah PN. **Indian J Med Res 57:642-9, Apr 69**

Stimulation of LH release in men and women by LH-releasing hormone purified from porcine hypothalami. Kastin AJ, et al. **J Clin Endocr 29:1046-50, Aug 69**

Some effects of oral contraceptives on carbohydrate metabolism. Wynn V, et al. **Lancet 2:761-5, 11 Oct 69**

Fasting serum triglyceride, cholesterol, and lipoprotein levels during oral-contraceptive therapy. Wynn V, et al. **Lancet 2:756-60, 11 Oct 69**

Metabolic effects of oral contraceptives. **Lancet 2:783-4, 11 Oct 69**

Studies on the structure and ultrastructure of the intact and "methallibure" -treated meso-adenohypophysis of the viviparous teleost Cymatogaster aggregata Gibbons. Leatherland JF. **Z Zellforsch 98:122-34, 1969**

[Clinical study of an oral contraceptive: Ovulen (SC 11800)] Meylan J, et al. **Ther Umsch 25:338-42, Jun 68 (Fre)**

[Changes of the ovarian and uterine blood vessels following administration of progestational substances] Berge BS ten. **Arch Gynaek 207:52-3, 1969 (Ger)**

[A serial method for ovulation inhibition using ethinyl estradiol] McBride WG. **Arzneimitteiforschung 19:1271-3, Aug 69 (Ger)**

[Studies on the question of the contraceptive effect of low gestagen dosage] Randow H. **Deutsch Gesundh 23:2220-2, 21 Nov 68 (Ger)**

[Modification of glucose tolerance and plasma insulin concentration by ovulation inhibitors] Waldhäusl W, et al. **Geburtsh Frauenheilk 29:611-7, Jul 69 (Ger)**

[Psychiatric studies in oral contraceptives] Petersen P, et al. **Praxis 58:267-71, 4 Mar 69 (Ger)**

[Hormonal contraception] Kohoutek M, et al. **Sborn Ved Prac Lek Fak Karlov Univ 11:691-5, 1968 (Ger)**

[Does the pill act as a contraceptive, nidation inhibitor or abortifacient?] Hauser GA. **Ther Umsch 25:349-51, Jun 68 (Ger)**

[Practical trials with the ovulation inhibitor Lyndiol 2,5] Schubiger V, et al. **Ther Umsch 25:343-8, Jun 68 (Ger)**

[Behavior of the oral mucosa during therapy with estrogen-progesterone substitution therapy (cytologic study using the Shorr method)] Messina P. **Stomatologica (Genova) 12:392-407, Oct-Dec 68 (Ita)**

[Oral contraceptives] Adachi H, et al. **Sanfujin Jissai 18:320-6, Apr 69 (Jap)**

[Effect of synthetic progestagens on the endometrium of healthy women] Sternadel Z, et al. **Ginek Pol 40:677-84, Jun 69 (Pol)**

THERAPEUTIC USE

[Estrogens and progestagens] Grégoire L. **Rev Med Liege 22:220, 15 Apr 67 (Fre)**

[Indications and contraindications of estro-progestative combinations (contraceptive pills)] Huys J. **Rev Med Liege 22:230-2, 15 Apr 67 (Fre)**

[Recent results of comparative clinical studies with oral contraceptives] Roth F, et al.
Gynaecologia (Basel) 167:467-72, 1969 (Ger)
[Hormonal therapy of acne vulgaris. Ovulation inhibitors in premenstrual acne] Schirren C, et al.
Munchen Med Wschr 111:1742-7, 29 Aug 69 (Ger)
[Clinical studies with synthetic gestagens] Tóth F, et al. Orv Hetil 110:1723-7, 27 Jul 69 (Hun)

TOXICITY

Cancer of the uterine cervix in mice fed a liquid diet containing an antifertility drug. Dunn TB.
J Nat Cancer Inst 43:671-92, Sep 69

CORPUS LUTEUM HORMONES

PHARMACODYNAMICS

[Clinical studies of a new corpus luteum steroid] Lange-Sundermann K.
Arzneimittelforschung 19:1273-7, Aug 69 (Ger)

SECRETION

[Functional genital hemorrhages] Baudet JH.
Presse Med 77:1353-5, 24 Sep 69 (Fre)

THERAPEUTIC USE

[Clinical studies of a new corpus luteum steroid] Lange-Sundermann K.
Arzneimittelforschung 19:1273-7, Aug 69 (Ger)
[Collagen diseases] Klemm D.
Med Klin 64:1065-8, 6 Jun 69 (33 ref.) (Ger)
[Theory and practice of hormone therapy] Matsumoto S. J Jap Med Ass 61:1386-90, 15 Jun 69 (Jap)

DIETHYLSTILBESTROL

Dietary regulation of glycolytic enzymes. IV. Stifel FB, et al. Biochim Biophys Acta 184:495-502, 2 Sep 69
Human placental 17 beta-estradiol dehydrogenase. IV. Differentiation of 17 beta-estradiol-activated transhydrogenase from the transhydrogenase function of 17 beta-estradiol dehydrogenase. Karavolas HJ, et al. J Biol Chem 244:4413-21, 25 Aug 69
[Yeast glutamate dehydrogenase. Purification and properties] Fourcade A.
Bull Soc Chim Biol (Paris) 50:1671-9, 30 Jan 69 (Fre)
[Influence of agents on molecular weight and activity of glutamate dehydrogenase (GluDH) from bovine liver in vitro. I. Molecular weight of GluDH and its subunits] Mosebach KO, et al.
Z Naturforsch [B] 24:580-2, May 69 (Ger)

ADVERSE EFFECTS

Irradiation of the male breast to prevent hormone produced gynecomastia. Corvalan JG, et al.
Amer J Roentgen 106:839-40, Aug 69

ANTAGONISTS & INHIBITORS

Inhibition of anesthetics and sedative actions by spironolactone. Selye H, et al.
Anesthesiology 31:261-4, Sep 69

DIAGNOSTIC USE

Comparison of arginine infusion and diethylstilbestrol as a means of provoking growth hormone secretion. Bacon GE, et al. J Pediat 75:385-90, Sep 69

ISOLATION & PURIFICATION

[Attempt to separate hexoestrol, dienoestrol and diethylstilboestrol] Ferrando R, et al.
Bull Soc Chim Biol (Paris) 50:1855-7, 30 Jan 69 (Fre)

PHARMACODYNAMICS

Effect of polydiethylstilboestrol phosphate on the pituitary content of FSH and ICSH in male rats. Perklev T, et al.
Acta Endocr (Kobenhavn) 61:449-60, Jul 69
Biological properties of three ovulation inducers, stilboestrol, clomiphene and F 6066. Watnick AS, et al.
Acta Endocr (Kobenhavn) 59:611-21, Dec 68
Effects of a new diphenylethylene derivative (F 6066) on testicular morphology in man. Nylander G, et al.
Acta Soc Med Upsal 73:199-220, 1968
Changes in the patterns of synthesis of ribonucleic acid species in immature rat uterus in response to oestrdiol-17 beta. Billing RJ, et al.
Biochem J 112:563-9, May 69
Steroid N-acetylglucosaminyltransferase: elevation of activity in rabbit kidney by oestrogen treatment. Himaya A, et al. Biochem J 113:445-6, Jun 69
Estrogen-induced transfer RNA methylase activity in chick oviduct. Hacker B.
Biochim Biophys Acta 186:214-6, 22 Jul 69
A histochemical study of the effect of estrogen on oxidative enzymes in the testes of cryptorchid BALB/c mice. Currie C, et al.
Endocrinology 85:849-54, Nov 69
Effects of estrogens on plasma angiotensinogen and renin activity in nephrectomized rats. Nasjletti A, et al. Endocrinology 85:967-70, Nov 69
Transcortin: a corticosteroid-binding protein of plasma. XI. Effects of estrogens or pregnancy in guinea pigs. Rosenthal HE, et al.
Endocrinology 85:825-30, Nov 69
Uptake and metabolism in vivo of testosterone-1,2-3H by accessory sex organs of male rats; influence of some hormonal compounds. Tveter KJ, et al.
Endocrinology 85:683-9, Oct 69
Hormonal control of incubation patch development in the California quail Lophortyx californicus. Jones RE.
Gen Comp Endocr 13:1-13, Aug 69
Antagonistic action of anti-androgens on the formation of a specific dihydrotestosterone-receptor protein complex in rat ventral prostate. Fang S, et al.
Molec Pharmacol 5:428-31, Jul 69
'Instant' inhibition of lactation. Watson PS.
Practitioner 203:184-6, Aug 69
Facilitation of gonadotrophin-induced ovulation in adult rats by estrogens. Husain SM.
Rev Canad Biol 28:137-8, Jun 69
[Action of diethylstilbestrol on the hybrid from the crossBarbariedrake x Khaki Campbellduck] Lutz-Ostertag Y.
C R Acad Sci [D] (Paris) 268:3115-8, 23 Jun 69 (Fre)
[Role of the adrenal glands in lowering plasma renin associated with an increase in angiotensin] Menard J, et al.
C R Acad Sci [D] (Paris) 268:2710-3, 2 Jun 69 (Fre)
[Synthetic compounds with digitalis-like effects] Kroneberg G.
Naunyn Schmiedeberg Arch Pharm 263:46-59, 1969 (Ger)
[Comparative study of hormonal influences on the testis and accessory sex organs in rats] Ronzoni G, et al. Chir Pat Sper 15:367-75, Jul-Sep 67 (Ita)

THERAPEUTIC USE

Experimental study on atherosclerosis--an attempt at its prevention and treatment. Shimamoto T.
Acta Path Jap 19:15-43, Feb 69
Today's drugs. Brit Med J 3:285-7, 2 Aug 69
Beta-glucuronidase activity in adrenals of patients with or without cancer. Hoch-Ligeti C, et al.
Cancer 24:796-802, Oct 69
Breast radiation in patients with carcinoma of the prostate. Malis I, et al. J Urol 102:336-7, Sep 69
Bishop PM: Breasts of inappropriate size. Bishop PM.
Practitioner 203:171-6, Aug 69

TOXICITY

Transcortin: a corticosteroid-binding protein of plasma. XI. Effects of estrogens or pregnancy in guinea pigs. Rosenthal HE, et al.
Endocrinology 85:825-30, Nov 69

DIMETHISTERONE

ADVERSE EFFECTS

Effect of selected estrogens and progestins on human chromosomes in vitro. Stenchever MA, et al.
Obstet Gynec 34:249-51, Aug 69

DROMOSTANOLONE

THERAPEUTIC USE

Anabolic androgenic steroids in the treatment of

acquired aplastic anemia. Sanchez-Medal L, et al. Blood 34:283-300, Sep 69

DYDROGESTERONE

ADMINISTRATION & DOSAGE

[Diabetes mellitus and menstruation] Sandström B. Nord Med 81:727-8, 5 Jun 69 (Swe)

PHARMACODYNAMICS

[Studies concerning the action mechanism of a retrosteroid, RO 4-8347] Béguin F, et al. Gynaecologia (Basel) 167:450-61, 1969 (Fre)

THERAPEUTIC USE

[Apropos of the abuse of gynecological hormone therapy] Rouchy R, et al. Bull Fed Gynec Obstet Franc 19:179-80, Apr-May 67 (Fre)

[Studies concerning the action mechanism of a retrosteroid, RO 4-8347] Béguin F, et al. Gynaecologia (Basel) 167:450-61, 1969 (Fre)

[Effect of the gestagen RO 4-8347] Lutziger H. Gynaecologia (Basel) 167:444-9, 1969 (Ger)

ESTRADIOL

Interactions of hormonal steroids with nucleic acids. II. Structural and thermodynamic aspects of binding. Cohen P, et al. Biochemistry (Wash) 8:3603-9, Sep 69

Partial purification and preliminary characterization of estrogen-binding globulins from human plasma. Rosner W, et al. Biochemistry (Wash) 8:3100-8, Jul 69

Dietary regulation of glycolytic enzymes. IV. Stifel FB, et al. Biochim Biophys Acta 184:495-502, 2 Sep 69

Human placental 17 beta-estradiol dehydrogenase. IV. Differentiation of 17 beta-estradiol-activated transhydrogenase from the transhydrogenase function of 17 beta-estradiol dehydrogenase. Karavolas HJ, et al. J Biol Chem 244:4413-21, 25 Aug 69

Association constant and specificity of oestradiol-receptor interaction. Puca GA, et al. Nature (London) 223:745-7, 16 Aug 69

Interaction of adrenal and gonadal steroids with proteins in human plasma. Rosner W. New Eng J Med 281:658-65, 18 Sep 69 (28 ref.)

Interactions of hormonal steroids with nucelic acids. I. A specific requirement for guanine. Cohen P, et al. Proc Nat Acad Sci USA 63:458-64, Jun 69

[Quantitative separation of estrogens from oil solutions by thin layer chromatography and their gas chromatographic and colorimetric determination] Cavina G, et al. Ann Ist Sup Sanit 4:75-89, 1968 (Ita)

[Cholesterol-lowering effects of amide derivatives of linoleic acid in chickens and mice] Fukushima H, et al. J Pharm Soc Jap 89:857-62, Jun 69 (Jap)

ADMINISTRATION & DOSAGE

Effect of oestradiol benzoate on corpora lutea in rats bearing pituitary autografts. Stolzenberg SJ, et al. Acta Endocr (Kobenhavn) 60:184-98, Feb 69

Effect of lut-ovocyclin on some testicular enzymes of the Indian desert gerbil Meriones hurrianae Jerdon. Singh K, et al. Endocr Jap 16:149-55, Feb 69

Induction of prolonged diestrus in the rat by a low level of estrogen. Gilmore DP, et al. Endocrinology 85:799-801, Oct 69

Induction of prolonged diestrus in the rat by a low level of estrogen. Gilmore DP, et al. Endocrinology 85:946-8, Nov 69

Effect of estradiol on NaCl-evoked olfactory bulbar potentials in goldfish: dose--response relationships. Oshima K, et al. Gen Comp Endocr 13:92-7, Aug 69

Induction of implantation of blastocysts transferred to ovariectomized mice. Humphrey KW. J Endocr 44:299-305, Jul 69

Sex difference in the release of luteinizing hormone evoked by progesterone. Taleisnik S, et al. J Endocr 44:313-21, Jul 69

Mammotropic effect of fluphenazine enanthate in the rat. Mishkinsky J, et al. Neuroendocrinology 4:321-5, 1969

[Effects of estradiol on the level of ingestion in castrated female rats having separated feedings] Champigny O, et al. Arch Sci Physiol (Paris) 23:121-33, 1969 (Fre)

[Therapy experiments on autochthonic mammary carcinoma in rats] Fretz J, et al. Arzneimittelforschung 19:1291-5, Aug 69 (Ger)

ADVERSE EFFECTS

Effect of selected estrogens and progestins on human chromosomes in vitro. Stenchever MA, et al. Obstet Gynec 34:249-51, Aug 69

ANALYSIS

New derivatives for electron capture--gas chromatography of steroids: a simplified procedure for measuring plasma testosterone. Kirschner MA, et al. Anal Biochem 30:346-57, Sep 69

Binding of estrogen receptor to estradiol immobilized on insoluble resins. Vonderhaar B, et al. Biochim Biophys Acta 176:626-31, 29 Apr 69

Chromatographic separation of estrone and 17 beta-estradiol conjugates on DEAE-Sephadex. Hobkirk R, et al. Steroids 14:191-206, Aug 69

Preparation of sulfate esters. The synthesis of steroid sulfates by a dicyclohexylcarbodimide-mediated sulfation. Mumma RO, et al. Steroids 14:67-74, Jul 69

[Conversion of 14C-4-17-beta-estradiol to 14C-4-estrone in the ovary during the sexual cycle] Jakowicki J, et al. Ginek Pol 40:669-75, Jun 69 (Pol)

ANTAGONISTS & INHIBITORS

Cycloheximide and cortisol inhibiton of estradiol-stimulated uterine uptake and distribution of homologous serum albumin and alpha globulin in the rat. Peterson RP, et al. Endocrinology 85:932-40, Nov 69

An anti-estradiol effect of ent-estradiol-17beta (1-estradiol). Edgren RA, et al. Steroids 14:335-41, Sep 69

BIOSYNTHESIS

Steroid hormone transformations by endocrine organs from pregnant mammals. V. The biosynthesis and metabolism of progesterone and estrogens by orangutan placental tissue in vitro. Ainsworth L, et al. Steroids 14:301-14, Sep 69

Studies on phenolic steroids in human subjects. XII. In vitro metabolism of estradiol-6,7-3H-3-glucosiduronate-14C and of estrone-6,7-3H-glucosiduronate by human placental estradiol-17beta-dehydrogenase. Roy A, et al. Steroids 14:327-34, Sep 69

[Incubation of 3H-6,7-estrone in the presence of rat and rabbit liver slices] Savu L, et al. Bull Soc Chim Biol (Paris) 50:1739-50, 30 Jan 69 (Fre)

[Androgen metabolism and estrogen production in explant cultures of rat ovaries following incubation with androstenedione and testosterone] Schriefers H, et al. Hoppe Seyler Z Physiol Chem 350:999-1007, Aug 69 (Ger)

[Aspects of steroid biosynthesis in normal human testes] Sciarra F, et al. Folia Endocr (Roma) 21:412-22, Aug 68 (Ita)

BLOOD

Two cases of germinal aplasia: plasma concentration and in vitro biosynthesis of androgens. Conti C, et al. Folia Endocr (Roma) 21:404-11, Aug 68

Sex hormone binding proteins. II. Isolation from serum of an elasmobranch (Raja radiata). Freeman HC, et al. Gen Comp Endocr 13:83-91, Aug 69

Sex hormone binding proteins. I. Binding of steroids by serum of an elasmobranch (Raja radiata). Idler DR, et al. Gen Comp Endocr 13:75-82, Aug 69

CHEMICAL SYNTHESIS

Chromatographic separation of estrone and 17 beta-estradiol conjugates on DEAE-Sephadex. Hobkirk R, et al. Steroids 14:191-206, Aug 69

Preparation of sulfate esters. The synthesis of steroid sulfates by a dicyclohexylcarbodimide-mediated sulfation. Mumma RO, et al. Steroids 14:67-74, Jul 69

ISOLATION & PURIFICATION

The isolation of estrone sulfate and estradiol-17 beta

sulfate from stallion testes. Raeside JI.
Canad J Biochem 47:811-5, Aug 69
Studies on the metabolism of steroid hormones and their precursors by the human placenta at various stages of gestation. II. In vitro metabolism of 3 beta-hydroxyandrost-5-en-17-one. Smith SW, et al.
J Clin Endocr 29:1182-90, Sep 69

METABOLISM

Perfusion of human term placenta in situ with C-19 and C-18 steroids. Boité E, et al.
Acta Endocr (Kobenhavn) 61:307-19, Jun 69
The uptake of (6,7-3H) 17beta-oestradiol by tissues of the domestic fowl. Hawkins RA, et al.
Acta Endocr (Kobenhavn) 60:199-209, Feb 69
In vitro metabolism of oestrogens in liver tissue from domestic animals. Lyngset O, et al.
Acta Endocr (Kobenhavn) 59:682-8, Dec 68
Oestrogen binding sites in the chicken oviduct similar to those of the mouse uterus. Terenius L.
Acta Endocr (Kobenhavn) 60:79-90, Jan 69
Displacement of 17 beta-estradiol from the rabbit fallopian tube. Callantine MR, et al.
Amer J Physiol 216:1241-5, May 69
Action of an estrogen antagonist on contractility of the fallopian tube. Callantine MR, et al.
Amer J Physiol 216:1236-40, May 69
Influence of chlorinated hydrocarbons and organophosphate insecticides on metabolism of steroids. Kupfer D.
Ann NY Acad Sci 160:244-53, 1969 (27 ref.)
Studies on steroid metabolism in human endometrial tissue. Collins WP, et al. Biochem J 113:399-407, Jun 69
The properties of a nuclear acidic protein fraction that binds [6,7-3H]oestradiol-17beta. King RJ, et al.
Biochem J 114:649-57, Sep 69
Directive O methylation of estrogen catechol sulfates. Miyazaki M, et al.
Biochemistry (Wash) 8:1669-72, Apr 69
Hydrolysis of steroid phosphates by mouse tissue phosphatases. Botte V, et al.
Biochim Biophys Acta 176:670-2, 29 Apr 69
Binding of estrogen receptor to estradiol immobilized on insoluble resins. Vonderhaar B, et al.
Biochim Biophys Acta 176:626-31, 29 Apr 69
Conjugation of steroid hormones by breast-cancer tissue and selection of patients for adrenalectomy. Dao TL, et al. Brit J Surg 56:627, Aug 69
Preparation of tissues for localization of sex hormones by autoradiography. II. The loss of radioactive material in embedding media after freeze drying and vapour fixation of the tissues. Attramadal A.
Histochemie 19:75-87, 1969
Preparation of tissues for localization of sex hormones by autoradiography. I. Loss of radioactive material effected by the use of some conventional methods. Attramadal A. Histochemie 19:64-74, 1969
Specific transfer of hydrogen from estradiol to progesterone as a regulating principle for progesterone metabolism in the liver of the female rat. Wenzel M, et al. J Biol Chem 244:4523-5, 10 Sep 69
Conjugation of 2-hydroxyestrone in man. Yoshizawa I, et al. J Clin Endocr 29:1123-5, Aug 69
Uptake of (3H)oestradiol by dimethylbenzanthracene-induced rat mammary tumours regressing spontaneously or after ovariectomy. Mobbs BG. J Endocr 44:463-4, Jul 69
Peroxidase-associated binding of estradiol by the rat uterus. Brökelmann J.
J Histochem Cytochem 17:394-7, Jun 69
Studies on phenolic steroids in human subjects. XII. In vitro metabolism of estradiol-6,7-3H-3-glucosiduronate-14C and of estrone-6,7-3H-glucosiduronate by human placental estradiol-17beta-dehydrogenase. Roy A, et al.
Steroids 14:327-34, Sep 69
[The protection of the child in the uterus] Wering RF van. Nederl T Geneesk 113:1370-6, 2 Aug 69 (Dut)
[Penetration of 17-beta-6-7-3H-estradiol into rat cutaneous tissue. Kinetics and conditions of penetration into the organism] Nunez EA, et al.
Bull Soc Chim Biol (Paris) 51:299-306, 26 Jun 69 (Fre)
[Change in sexual specificity with respect to the reduction of androstenedione by hydrogen from estradiol-17beta in rat liver following feminization by cyproterone acetate] Wenzel M, et al.
Hoppe Seyler Z Physiol Chem 350:791-2, Jun 69 (Ger)
[Nipiopharmacology of steroid hormones] Macciotta A.
Minerva Nipiol 17:204-38, Nov-Dec 67 (746 ref.) (Ita)
[Conversion of 14C-4-17-beta-estradiol to 14C-4-estrone in the ovary during the sexual cycle] Jakowicki J, et al.
Ginek Pol 40:669-75, Jun 69 (Pol)
[Steroid-specific dehydrogenase systems in human placenta] Cherniavskaia MA, et al.
Biokhimiia 34:356-8, Mar-Apr 69 (Rus)
[Transformation of steroids by some thermophilic microorganisms] Kogan LM, et al.
Mikrobiologiia 37:628-35, Jul-Aug 68 (Rus)

PHARMACODYNAMICS

Persistent levels of phosphorylase in the rat ovary after oestradiol and gonadotrophin treatment. Bruzzone S.
Acta Endocr (Kobenhavn) 61:323-8, Jun 69
Persisting high level of transmitter in uterine short adrenergic neurons following prolonged treatment with 17 beta-oestradiol. Falck B, et al.
Acta Endocr (Kobenhavn) 62:77-81, Sep 69
The uptake of (6,7-3H) 17beta-oestradiol by tissues of the domestic fowl during an ovulation cycle. Hawkins RA, et al. Acta Endocr (Kobenhavn) 60:210-5, Feb 69
The action of oestradiol benzoate on the activities of some polypeptidases in the hypothalamus of the pregnant rabbit after blastocyst implantation. Hooper KC, et al. Acta Endocr (Kobenhavn) 61:378-84, Jun 69
Contraception by an injectable, long-acting oestrogen-progestogen agent. Plesner R.
Acta Endocr (Kobenhavn) 61:494-508, Jul 69
Effect of oestradiol benzoate on corpora lutea in rats bearing pituitary autografts. Stolzenberg SJ, et al.
Acta Endocr (Kobenhavn) 60:184-98, Feb 69
Hormonal influence on fibrinolytic activity of uterus and vagina in the juvenile rat. Tympanidis K, et al.
Acta Endocr (Kobenhavn) 60:69-78, Jan 69
Oestrogen-induced glycogenesis in the uteri of fasted and insulin-treated hypoglycaemic rats. Wood JR, et al. Acta Endocr (Kobenhavn) 61:248-54, Jun 69
Effects of a new diphenylethylene derivative (F 6066) on testicular morphology in man. Nylander G, et al.
Acta Soc Med Upsal 73:199-220, 1968
Clinical, biochemical, and experimental studies on lactation. II. Clinical effects of gestagens on lactation. Kamal I, et al. Amer J Obstet Gynec 105:324-34, 1 Oct 69
Influence of sex hormones on gastric acid secretion in the guinea pig. Katz S, et al.
Amer J Physiol 217:370-5, Aug 69
Estrogenic regulation of uterine carbohydrate metabolism during senescence. Singhal RL, et al.
Amer J Physiol 217:793-7, Sep 69
Structural luteolysis of induced corpora lutea in "androgen-sterilized" rats. Malven PV, et al.
Anat Rec 165:55-60, Sep 69
Interactions between oestradiol 3, 17 beta and progesterone on the induction and growth of deciduomata in ovariectomized mice. Humphrey KW.
Aust J Biol Sci 22:689-99, Jun 69
Changes in the patterns of synthesis of ribonucleic acid species in immature rat uterus in response to oestrdiol-17 beta. Billing RJ, et al.
Biochem J 112:563-9, May 69
The effect of oestradiol-17beta on the rate of synthesis of ribonucleic acid in rat uterus. Billing RJ, et al.
Biochem J 114:37P-38P, Sep 69
Steroid N-acetylglucosaminyltransferase: elevation of activity in rabbit kidney by oestrogen treatment. Himaya A, et al. Biochem J 113:445-6, Jun 69
The influence of sex and estrogens on liver kynureninase and kynurenine aminotransferase in the rat. Rose DP, et al.
Biochim Biophys Acta 184:412-9, 30 Jul 69
Hormonal regulation of rat seminal vesicle sensitivity to adrenaline, noradrenaline, acetylcholine and acetyl-beta-methylcholine. Picarelli ZP, et al.
Brit J Pharmacol 35:468-75, Mar 69
Effect of hormones on the chondroitin sulfate metabolism of chick embryo femora growing in vitro. 3. Effect of sex steroids on chondroitin sulfate synthesis in the cartilagenous bones growing in the natural medium. Endo H, et al.
Endocr Jap 16:115-9, Feb 69
Effects of steroids on the release of luteinizing hormone in the rat. Kobayashi F, et al.
Endocr Jap 16:251-60, Apr 69
Effects of estrogen administration on testosterone-induced growth and increase in enzyme activities in the ventral prostate of castrated rats. Shimazaki J, et al. Endocr Jap 16:163-9, Feb 69
Effect of lut-ovocyclin on some testicular enzymes of

the Indian desert gerbil Meriones hurrianae Jerdon. Singh K, et al. Endocr Jap 16:149-55, Feb 69

Biphasic effect of estrogen on rat plasma cholesterol level and its interaction by androgen. Uchida K, et al. Endocr Jap 16:211-4, Feb 69

An examination of the quantitative relationship between progesterone and the maintenance of pregnancy. Csapo AI, et al. Endocrinology 85:735-46, Oct 69

Induction of prolonged diestrus in the rat by a low level of estrogen. Gilmore DP, et al. Endocrinology 85:799-801, Oct 69

Induction of prolonged diestrus in the rat by a low level of estrogen. Gilmore DP, et al. Endocrinology 85:946-8, Nov 69

A positive feedback action of androgen on pituitary follicle stimulating hormone: induction of a cyclic phenomenon. Johnson DC, et al. Endocrinology 85:881-5, Nov 69

Transcortin: a corticosteroid-binding protein of plasma. XI. Effects of estrogens or pregnancy in guinea pigs. Rosenthal HE, et al. Endocrinology 85:825-30, Nov 69

Uptake and metabolism in vivo of testosterone-1,2-3H by accessory sex organs of male rats; influence of some hormonal compounds. Tveter KJ, et al. Endocrinology 85:683-9, Oct 69

Hormonal control of incubation patch development in the California quail Lophortyx californicus. Jones RE. Gen Comp Endocr 13:1-13, Aug 69

Effect of estradiol on NaCl-evoked olfactory bulbar potentials in goldfish: dose--response relationships. Oshima K, et al. Gen Comp Endocr 13:92-7, Aug 69

Hormones and cholesterol ester metabolism. Schweppe JS, et al. J Amer Geriat Soc 17:740-54, Aug 69 (67 ref.)

Cytoplasmic changes during the trophoblastic giant cell transformation of blastocysts from normal and ovariectomized mice. Dickson AD. J Anat 105:371-80, Sep 69

Release of gonadotrophin in ovariectomized mice after exposure to males. Bronson FH, et al. J Endocr 44:293-7, Jul 69

Mammalian antifertility agents. VI. A novel sequence for the preparation of 1,2-disubstituted 3,4-dihydronaphthalenes. Lednicer D, et al. J Med Chem 12:881-5, Sep 69

Effect of steroid hormones on the parathyroid hormone dose-response curve. Magargal LE, et al. J Pharmacol Exp Ther 169:138-41, Sep 69

Inhibition by steroids of parathyroid hormone-induced Ca45 release from embryonic rat bone in vitro. Stern PH. J Pharmacol Exp Ther 168:211-7, Aug 69

Effect of estradiol, testosterone, cortisone acetate, somatotropin, thyrotropin and parathyroid hormone on the lumbar intervertebral disc in growing dogs. Paatsama S, et al. J Small Anim Pract 10:351-4, Aug 69

Antagonistic action of anti-androgens on the formation of a specific dihydrotestosterone-receptor protein complex in rat ventral prostate. Fang S, et al. Molec Pharmacol 5:428-31, Jul 69

Effect of cytostatics on the uterotrophic action of estrogens. Jelínek V, et al. Neoplasma (Bratisl) 16:133-6, 1969

Estrogen: direct effects on hypothalamus or pituitary in relation to pituitary weight changes. Lisk RD. Neuroendocrinology 4:368-73, 1969

Autoradiographic study of the effect of estradiol and irradiation on nucleic acid metabolism of the thymus and lymph node of mice. Thompson JS, et al. Radiat Res 40:46-62, Oct 69

Studies on the mechanisms of estradiol-induced radioprotection. Thompson JS, et al. Radiat Res 40:70-84, Oct 69

Facilitation of gonadotrophin-induced ovulation in adult rats by estrogens. Husain SM. Rev Canad Biol 28:137-8, Jun 69

An anti-estradiol effect of ent-estradiol-17beta (1-estradiol). Edgren RA, et al. Steroids 14:335-41, Sep 69

Effect of estrogen and clomiphene on uterine sialic acid in the rat during delayed implantation. Rajalakshmi M, et al. Steroids 14:47-54, Jul 69

Fluctuation of urinary level of follicle stimulating substance and of estrogen during pregnancy. Nagai S, et al. Tohoku J Exp Med 98:135-46, Jun 69

[Effects of estradiol on the level of ingestion in castrated female rats having separated feedings] Champigny O, et al. Arch Sci Physiol (Paris) 23:121-33, 1969 (Fre)

[Action of estradiol in vitro: increase of ribonucleic acid biosynthesis in uterine nuclei] Raynaud-Jammet C, et al. C R Acad Sci [D] (Paris) 268:3211-4, 30 Jun 69 (Fre)

[Influence of neonatal estrogens on testis development and compensating hypertrophy after hemicastration in rats] Passouant-Fontaine T, et al. C R Soc Biol (Paris) 162:2175-8, 1968 (Fre)

[Influence of estradiol on the antigoiter action of thyroid hormones] Sánchez López-Tello C. J Physiol (Paris) 60:Suppl 2:538-9, 1968 (Fre)

[Histophotometric study of the endometrium. 3. Evolution of Feulgen reaction intensity in stroma nuclei after a unique injection of sex steroids] Leroy F, et al. Rev Franc Etud Clin Biol 14:59-66, Jan 69 (Fre)

[Studies on Fallopian tube secretion and egg transport in animal experiments using radioactive sulfate ions] Legeriotz C. Arch Gynaek 207:169-72, 1969 (Ger)

[Endogenous and exogenous influences on the ovarian function and embryonal development] Smidt D. Arch Gynaek 207:155-64, 1969 (Ger)

[Enhancement of the peroxydase activity in proliferations of the reticuloendothelial system] Jansa P, et al. Folia Haemat (Leipzig) 91:406-9, 1969 (Ger)

[Comparative study of hormonal influences on the testis and accessory sex organs in rats] Ronzoni G, et al. Chir Pat Sper 15:367-75, Jul-Sep 67 (Ita)

[Histochemical study on lactic dehydrogenase of the seminal vesicles] Tatsumi A. Acta Urol Jap 15:428-46, Jun 69 (Jap)

[Functional classification and postnatal development of the anterior pituitary cells in mice] Yamashita K. Clin Endocr (Tokyo) 17:482-91, Jun 69 (42 ref.) (Jap)

[Studies on sex chromatin. Alteration in the frequency of sex chromatin induced by various exogenous hormones] Tanda H, et al. Jap J Urol 60:427-32, May 69 (Jap)

[Causative relations between pituitary luteinizing hormone release and secretion of ovarian steroid in sexual cycles in rats] Miyake T. Saishin Igaku 24:1012-23, May 69 (Jap)

[The importance of the anterior part of the hypothalamus in the reaction of the luteinizing function of the adenohypophysis] Dmitrieva OK. Akush Ginek (Moskva) 45:44-8, May 69 (Rus)

[A comparative study of estradiol sensitivity of luteinizing function of hypophysis in intact and castrated female rats] Dmitrieva OK. Probl Endokr (Moskva) 14:85-9, May-Jun 68 (Rus)

[The effects of adrenalectomy on the sensitivity of the albino rat ovaries to chorionic gonadotropin in its simultaneous administration with estrogens, androgens and progesterone] Kharchenko SF. Probl Endokr (Moskva) 13:111-5, May-Jun 67 (Rus)

[The effect of destruction and stimulation of the paraventricular and supraoptical nuclei of the hypothalamus on the sensitivity of rat ovaries to gonadotropin, estrogens, androgens and progesterone] Myslitskiĭ VF. Probl Endokr (Moskva) 15:72-6, May-Jun 69 (Rus)

PHYSIOLOGY

The uptake of (6,7-3H) 17beta-oestradiol by tissues of the domestic fowl during an ovulation cycle. Hawkins RA, et al. Acta Endocr (Kobenhavn) 60:210-5, Feb 69

Regulation of human gonadotropins: VII. Daily individual urinary estrogens, pregnanediol and serum luteinizing and follicle stimulating hormones during the menstrual cycle. Goebelsmann U, et al. J Clin Endocr 29:1222-30, Sep 69

[Apropos of the hormonal determinism of labor in rats; role of estradiol] Acker G. C R Acad Sci [D] (Paris) 268:2196-9, 28 Apr 69 (Fre)

SECRETION

The uptake of (6,7-3H) 17beta-oestradiol by tissues of the domestic fowl. Hawkins RA, et al. Acta Endocr (Kobenhavn) 60:199-209, Feb 69

Oophorectomy in postmenopausal women with breast cancer. Lancet 2:366, 16 Aug 69

THERAPEUTIC USE

Serum calcium and magnesium concentration during early labor and the postpartum period. Rice BF, et al. Amer J Obstet Gynec 104:1159-62, 15 Aug 69

Today's drugs. Brit Med J 3:285-7, 2 Aug 69

The effects of some steroidal alkylating agents on

experimental animal mammary tumor and leukemia systems. Wall ME, et al. J Med Chem 12:810-8, Sep 69
[Therapy experiments on autochthonic mammary carcinoma in rats] Fretz J, et al. Arzneimittelforschung 19:1291-5, Aug 69 (Ger)

URINE

Studies on sex hormone excretion in normal and hirsute women. Ismail AA, et al. Acta Endocr (Kobenhavn) 61:283-92, Jun 69
Some opinions on causal relationship between chorioepithelioma and endocrine milieu. Akasu F, et al. Endocr Jap 16:205-10, Feb 69
Regulation of human gonadotropins: VII. Daily individual urinary estrogens, pregnanediol and serum luteinizing and follicle stimulating hormones during the menstrual cycle. Goebelsmann U, et al. J Clin Endocr 29:1222-30, Sep 69
[The maternal adrenals in molar pregnancy] Houtzager HL, et al. Nederl T Geneesk 113:1272-4, 19 Jul 69 (Dut)
[Studies concerning the action mechanism of a retrosteroid, RO 4-8347] Béguin F, et al. Gynaecologia (Basel) 167:450-61, 1969 (Fre)
[Contribution on the therapy of anovulatory sterility with menopausal gonadotropin] Stöckli A. Gynaecologia (Basel) 167:439-42, 1969 (Ger)
[Metabolism of steroid conjugates. 3. In vivo metabolism (6,7-3H)3-hydroxy-1,3,5(10)-estratriene-17-one (35S)sulfate] Oertel GW, et al. Hoppe Seyler Z Physiol Chem 350:755-60, Jun 69 (Ger)
[Disturbances of estrogen metabolism in viral hepatitis] Eisner M, et al. Pol Arch Med Wewnet 42:871-8, Jun 69 (Pol)
[Evaluation of a fractional method of determination of estrogens in the urine in gynecological practice] Daragan VG, et al. Lab Delo 5:286-8, 1968 (Rus)
[Excretion of estrogens and pregnanediol in women after supravaginal amputation of the uterus with endometrial plastic surgery performed because of fibromyoma] Alekseeva LM, et al. Probl Endokr (Moskva) 15:37-42, May-Jun 69 (Rus)
[Malignant tumor of the adrenal cortex in man with increased estrogen and glucocorticoid activity] Butrova SA, et al. Probl Endokr (Moskva) 14:48-9, May-Jun 68 (Rus)
[The effect of epidemic hepatitis on extrogen excretion in men] Iatsenko LA. Probl Endokr (Moskva) 14:41-3, Nov-Dec 68 (Rus)
[Gynecomastia in toxic goiter] Kliachko VR, et al. Probl Endokr (Moskva) 14:32-6, Jul-Aug 68 (Rus)
[Concerning testicular feminization] Starkova NT, et al. Probl Endokr (Moskva) 14:10-4, Nov-Dec 68 (Rus)
[Estrogen excretion in patients with toxic goiter associated with gynecomastia] Zhizhina SA, et al. Probl Endokr (Moskva) 15:16-8, Mar-Apr 69 (Rus)

ESTRANES

Human placental 17 beta-estradiol dehydrogenase. IV. Differentiation of 17 beta-estradiol-activated transhydrogenase from the transhydrogenase function of 17 beta-estradiol dehydrogenase. Karavolas HJ, et al. J Biol Chem 244:4413-21, 25 Aug 69
[Isolation of 17-beta-hydroxysteroid:NAD oxidoreductase from human placenta] Descomps B, et al. Bull Soc Chim Biol (Paris) 50:1681-93, 30 Jan 69 (Fre)

ANALYSIS

Fate of ingested radiolabeled ethynylestradiol and its 3-cyclopentyl ether in patients with bile fistulas. Cargill DI, et al. J Clin Endocr 29:1051-61, Aug 69
3-deoxy-16-haloestra-1,3,5(10)-trienes. Johns WF. J Med Chem 12:885-8, Sep 69

CHEMICAL SYNTHESIS

3-deoxy-16-haloestra-1,3,5(10)-trienes. Johns WF. J Med Chem 12:885-8, Sep 69
A convenient synthesis of 11 beta, 17 beta-dihydroxy-estr-4,9(10)-dien-3-one. Debono M, et al. Steroids 14:219-22, Aug 69
The preparation of 3-alpha- and 3-beta,17-beta-Dihydroxy-17-alpha-ethynyl-estr-5(10)-ene. Palmer KH, et al. Steroids 14:55-65, Jul 69
[Total synthesis of 8-iso 19-nor testosterone and 8,10-di iso 19-nor testosterone] Bucourt R, et al. Bull Soc Chim France 6:1920-5, Jun 69 (Fre)

METABOLISM

Directive O methylation of estrogen catechol sulfates. Miyazaki M, et al. Biochemistry (Wash) 8:1669-72, Apr 69
Fate of ingested radiolabeled ethynylestradiol and its 3-cyclopentyl ether in patients with bile fistulas. Cargill DI, et al. J Clin Endocr 29:1051-61, Aug 69

PHARMACODYNAMICS

Uterine alkaline and acid phosphatase activity in the rhesus monkey treated with synthetic estrogen. Manning JP, et al. Amer J Obstet Gynec 105:412-7, 1 Oct 69
Prolonged oestrogenic activity in rats after single oral administration of ethinyloestradiol-3-cyclopentyl ether. Giannina T, et al. J Pharm Pharmacol 21:271-2, Apr 69

SECRETION

Secretion of ethynylestradiol and its 3-cyclopentyl ether in the milk of lactating rats. Cargill DI, et al. Proc Soc Exp Biol Med 131:1362-5, Sep 69

URINE

Fate of ingested radiolabeled ethynylestradiol and its 3-cyclopentyl ether in patients with bile fistulas. Cargill DI, et al. J Clin Endocr 29:1051-61, Aug 69

ESTRIOL

Estrogenic steroids. 3. The crystal and molecular structure of estriol. Cooper A, et al. Acta Crystallogr [B] (Kobenhavn) 25:814-28, 15 May 69
Phase determination for the estriol structure. Hauptman H, et al. Acta Crystallogr [B] (Kobenhavn) 25:811-4, 15 May 69
Inhibitors of the catalytic activity of bovine adrenal glucose-6-phosphate dehydrogenase. Criss WE, et al. Biochim Biophys Acta 184:486-94, 2 Sep 69

ADMINISTRATION & DOSAGE

[Treatment of climacteric complannt with Klimadurin] Arnold M. Praxis 58:1159-62, 16 Sep 69 (Ger)

ANALYSIS

Oestriol concentration in amniotic fluid. Michie EA, et al. Acta Endocr (Kobenhavn) 61:329-33, Jun 69
Diagnostic use of amniotic fluid. Horger EO 3d, et al. J Pediat 75:503-8, Sep 69

BIOSYNTHESIS

[Incubation of 3H-6,7-estrone in the presence of rat and rabbit liver slices] Savu L, et al. Bull Soc Chim Biol (Paris) 50:1739-50, 30 Jan 69 (Fre)
[Estriol as a function of the feto-placentar unity. I. Biosynthesis, excretion and metabolism of estriol in normal course of pregnancy] Vizzone A, et al. Quad Clin Ostet Ginec 22:633-53, Sep 67 (111 ref.) (Ita)

BLOOD

A modification of the rapid method for the assay of plasma estriol in pregnancy: use of unconjugated 3H-estriol to correct for losses. Ertel NH, et al. J Clin Endocr 29:1266-8, Sep 69

METABOLISM

Metabolism of oestriol-3-sulphate-16-glucosiduronate in pregnant women. Goebelsmann U, et al. Acta Endocr (Kobenhavn) 59:595-610, Dec 68
[The protection of the child in the uterus] Wering RF van. Nederl T Geneesk 113:1370-6, 2 Aug 69 (Dut)
[Estriol as a function of the feto-placentar unity. I. Biosynthesis, excretion and metabolism of estriol in normal course of pregnancy] Vizzone A, et al. Quad Clin Ostet Ginec 22:633-53, Sep 67 (111 ref.) (Ita)

PHARMACODYNAMICS

The effects of oestrogens on bluing lesions by bradykinin and histamine. Ishioka T, et al. Acta Endocr (Kobenhavn) 60:177-83, Feb 69

Effects of bradykinin and anti-inflammatory agents on the response of isolated guinea-pig lungs to histamine. Aarsen PN. Acta Physiol Pharmacol Neerl 15:223-42, Jun 69

Estrogenic potential of estriol. Heilbrunn A. Amer J Obstet Gynec 105:292-3, 15 Sep 69

Effects of steroids on the release of luteinizing hormone in the rat. Kobayashi F, et al. Endocr Jap 16:251-60, Apr 69

Biphasic effect of estrogen on rat plasma cholesterol level and its interaction by androgen. Uchida K, et al. Endocr Jap 16:211-4, Feb 69

Haemorrhagic mechanisms of some snake venoms in relation to protection by estriol succinate of blood vessel damage. Bonta IL, et al. Life Sci 8:881-8, 1 Aug 69

[Action of estriol on the rat pituitary] Fels E, et al. C R Soc Biol (Paris) 162:2012-3, May 69 (Fre)

THERAPEUTIC USE

[Long-acting estriol in cystourethritis] Jönsson G. Lakartidningen 66:2999-3002, Jul 69 (Swe)

[Long-acting estriol in climacteric disturbances] Könyves I, et al. Lakartidningen 66:3003-8, Jul 69 (Swe)

URINE

Studies on sex hormone excretion in normal and hirsute women. Ismail AA, et al. Acta Endocr (Kobenhavn) 61:283-92, Jun 69

Urinary excretion of androstenedione, testosterone, epitestosterone and dehydroepiandrosterone during the normal menstrual cycle. Longhino N, et al. Acta Endocr (Kobenhavn) 59:644-51, Dec 68

Fetal growth retardation. Aust New Zeal J Obstet Gynaec 9:75-81, May 69 (70 ref.)

Some opinions on causal relationship between chorioepithelioma and endocrine milieu. Akasu F, et al. Endocr Jap 16:205-10, Feb 69

Regulation of human gonadotropins: VII. Daily individual urinary estrogens, pregnanediol and serum luteinizing and follicle stimulating hormones during the menstrual cycle. Goebelsmann U, et al. J Clin Endocr 29:1222-30, Sep 69

Low urinary oestriol excretion in pregnancy associated with oral prednisone therapy. Morrison J, et al. J Obstet Gynaec Brit Comm 76:719-20, Aug 69

Simultaneous thin-layer chromatographical determination of pregnanediol and oestriol in urine during late pregnancy. Bang HO, et al. Nord Med 81:193-9, 31 Jul 69

Low estriol excretion in congenital heart block. Nelson GH, et al. Obstet Gynec 34:460-1, Sep 69

Management of pemphigus vulgaris during pregnancy. Wells GC, et al. Proc Roy Soc Med 62:666-7, 7 Jul 69

Patterns of maternal urinary estriol excretion in stillbirths and neonatal deaths. Nelson GH. Southern Med J 62:1085-9, Sep 69

Human placental lactogen (HPL): the review of a protein hormone important to obstetrics and gynecology. Speilacy WN. Southern Med J 62:1054-7, Sep 69

Urinary estriol in the management of complicated pregnancies. Talbert LM, et al. Southern Med J 62:1090-2, Sep 69

Fluctuation of urinary level of follicle stimulating substance and of estrogen during pregnancy. Nagai S, et al. Tohoku J Exp Med 98:135-46, Jun 69

[The maternal adrenals in molar pregnancy] Houtzager HL, et al. Nederl T Geneesk 113:1272-4, 19 Jul 69 (Dut)

[Studies concerning the action mechanism of a retrosteroid, RO 4-8347] Béguin F, et al. Gynaecologia (Basel) 167:450-61, 1969 (Fre)

[Contribution on the therapy of anovulatory sterility with menopausal gonadotropin] Stöckli A. Gynaecologia (Basel) 167:439-42, 1969 (Ger)

[Estriol excretion in pregnant women with diabetes] Wyss HI. Gynaecologia (Basel) 167:357-62, 1969 (Ger)

[Metabolism of steroid conjugates. 3. In vivo metabolism (6,7-3H)3-hydroxy-1,3,5(10)-estratriene-17-one (35S)sulfate] Oertel GW, et al. Hoppe Seyler Z Physiol Chem 350:755-60, Jun 69 (Ger)

[Estriol as a function of the feto-placentar unity. I. Biosynthesis, excretion and metabolism of estriol in normal course of pregnancy] Vizzone A, et al. Quad Clin Ostet Ginec 22:633-53, Sep 67 (111 ref.) (Ita)

[The effect of chorionic gonadotropin on plasma testosterone in men] Vogt JH, et al. Nord Med 82:1045-9, 21 Aug 69 (Nor)

[Evaluation of a fractional method of determination of estrogens in the urine in gynecological practice] Daragan VG, et al. Lab Delo 5:286-8, 1968 (Rus)

[Excretion of estrogens and pregnanediol in women after supravaginal amputation of the uterus with endometrial plastic surgery performed because of fibromyoma] Alekseeva LM, et al. Probl Endokr (Moskva) 15:37-42, May-Jun 69 (Rus)

[Malignant tumor of the adrenal cortex in man with increased estrogen and glucocorticoid activity] Butrova SA, et al. Probl Endokr (Moskva) 14:48-9, May-Jun 68 (Rus)

[The effect of epidemic hepatitis on extrogen excretion in men] Iatsenko LA. Probl Endokr (Moskva) 14:41-3, Nov-Dec 68 (Rus)

[Gynecomastia in toxic goiter] Kliachko VR, et al. Probl Endokr (Moskva) 14:32-6, Jul-Aug 68 (Rus)

[Concerning testicular feminization] Starkova NT, et al. Probl Endokr (Moskva) 14:10-4, Nov-Dec 68 (Rus)

[Estrogen excretion in patients with toxic goiter associated with gynecomastia] Zhizhina SA, et al. Probl Endokr (Moskva) 15:16-8, Mar-Apr 69 (Rus)

[Testosterone in the urine of women] Drobnjak P. Lijecn Vjesn 90:881-4, Sep 68 (Cro)

ESTROGENIC SUBSTANCES, CONJUGATED

ADMINISTRATION & DOSAGE

Role of psychotropic therapy in estrogen-deficient menopausal patients. Douglas HS. Med Ann DC 38:437-41, Aug 69

Double-blind, cross-over study comparing chlordiazepoxide, conjugated estrogens, combined chlordiazepoxide and conjugated estrogens, and placebo in treatment of the menopause. Sheffery JB, et al. Med Ann DC 38:433-6, Aug 69

[The treatment of climacteric complaints with Ovaribran in gynecological practice] Wild KH. Z Allgemeinmed 45:722-4, 31 May 69 (Ger)

[Contribution on the mechanism of hemostasis in dysfunctional uterine hemorrhage following a single intravenous application of conjugated estrogens (Presomen-ampules)] Voříšek P, et al. Z Geburtsh Gynaek 170:293-302, 1969 (Ger)

BIOSYNTHESIS

Conjugation of steroid hormones by breast-cancer tissue and selection of patients for adrenalectomy. Dao TL, et al. Brit J Surg 56:627, Aug 69

[Incubation of 3H-6,7-estrone in the presence of rat and rabbit liver slices] Savu L, et al. Bull Soc Chim Biol (Paris) 50:1739-50, 30 Jan 69 (Fre)

DIAGNOSTIC USE

Prediction of outcome of pregnancy by vaginal cytology. Evaluation of the "estrogen test". Kaufman RH, et al. Obstet Gynec 34:396-402, Sep 69

ISOLATION & PURIFICATION

The isolation of estrone sulfate and estradiol-17 beta sulfate from stallion testes. Raeside JI. Canad J Biochem 47:811-5, Aug 69

METABOLISM

Metabolism of oestriol-3-sulphate-16-glucosiduronate in pregnant women. Goebelsmann U, et al. Acta Endocr (Kobenhavn) 59:595-610, Dec 68

PHARMACODYNAMICS

The effects of oestrogens on bluing lesions by bradykinin and histamine. Ishioka T, et al. Acta Endocr (Kobenhavn) 60:177-83, Feb 69

Estrogenic antagonism of metabolic effects of

administered growth hormone. Schwartz E, et al. J Clin Endocr 29:1176-81, Sep 69

[Comparative study of the effects of Ayerogen with equanil sodium sulphate in climacteric women] Del Corral F, et al. Rev Colombia Obstet Ginec 20:74-90, Mar-Apr 69 (Spa)

THERAPEUTIC USE

Treatment of ophthalmic hemorrhage by premarin. Weinstein P. Int Z Klin Pharmakol Ther Toxik 2:72-3, Jan 69

Conjugated estrogens (Premarin) for spontaneous and surgical bleeding. Med Lett Drugs Ther 11:53, 27 Jun 69

[The effect of Menrium on the vaginal cell picture in female castrates and the influencing of so-called climacteric disorders] Ziemann H, et al. Med Welt 28:1571-4, 12 Jul 69 (Ger)

URINE

Metabolism of oestriol-3-sulphate-16-glucosiduronate in pregnant women. Goebelsmann U, et al. Acta Endocr (Kobenhavn) 59:595-610, Dec 68

ESTROGENS

The peculiar age specific incidence curve for cancer of the breast--Clemmesen's hook. Hakama M. Acta Path Microbiol Scand 75:370-4, 1969

Inhibitors of the catalytic activity of bovine adrenal glucose-6-phosphate dehydrogenase. Criss WE, et al. Biochim Biophys Acta 184:486-94, 2 Sep 69

Some opinions on causal relationship between chorioepithelioma and endocrine milieu. Akasu F, et al. Endocr Jap 16:205-10, Feb 69

[Histological findings on the prostate as a method of controlling the administration of estrogens in calves] Ruitenberg EJ, et al. Bull Office Int Epizoot 68:759-67, May 67 (Fre)

[Importance of the placental scrapping after estrogen tests in the diagnosis of amenorrhea of some uterine cause] Salvatore CA. Ginec Obstet Mex 22:1537-41, Nov 67 (Spa)

ADMINISTRATION & DOSAGE

Plasma protein changes induced by sequential type of contraceptive steroid pills. Laurell CB, et al. Clin Chim Acta 25:294-6, Aug 69

Quantitative separation of progestins and estrogens from anovulatory formulations. Fernández AA, et al. J Pharm Sci 58:740-4, Jun 69

[Inhibition of ovulation by means of estrogen depot and gestagen depot] Hashiguchi A. Sanfujin Jissai 18:334-9, Apr 69 (Jap)

[Clinical aspect of oral contraceptive pills] Tokuda G. Sanfujin Jissai 18:327-33, Apr 69 (Jap)

ADVERSE EFFECTS

Today's drugs. Brit Med J 3:285-7, 2 Aug 69

Progestational agents. Brit Med J 1:344-6, 9 Aug 69

Arterial clots and the pill. Brit Med J 3:488, 30 Aug 69

Breast radiation in patients with carcinoma of the prostate. Malis I, et al. J Urol 102:336-7, Sep 69

Effect of selected estrogens and progestins on human chromosomes in vitro. Stenchever MA, et al. Obstet Gynec 34:249-51, Aug 69

Gynaecomastia. Ginsburg J. Practitioner 203:166-70, Aug 69

The lactating breast. Millar DG. Practitioner 203:158-65, Aug 69

[Apropos of the abuse of gynecological hormone therapy] Rouchy R, et al. Bull Fed Gynec Obstet Franc 19:179-80, Apr-May 67 (Fre)

[Estroprogestational hormones in dermatology] Chanial G, et al. Bull Soc Franc Derm Syph 76:125-30, 1969 (Fre)

[Dietetics and therapy of senile osteoporosis] Lenzi F, et al. Clin Ter 43:221-31, 15 Nov 67 (Ita)

[On the necessity of limiting the indications for the use of testosterone in the hormonal treatment of women] Teter J. Pol Tyg Lek 24:1185-7, Aug 69 (18 ref.) (Pol)

[Gynecomastias] Saimerón de Diego J. Rev Clin Esp 111:119-32, 31 Oct 68 (76 ref.) (Spa)

[Histological changes of the endometrium due to various natural and synthetic sex steroids and the intrauterine ring, used for fertility control in women] Rosenberg D, et al. Rev Med Chile 95:501-12, Sep 67 (Spa)

ANALYSIS

Agar plate method for detecting microorganisms which produce equilin and other estrogens from various steroids. Vezina C, et al. Appl Microbiol 18:270-1, Aug 69

Preparation of tissues for localization of sex hormones by autoradiography. II. The loss of radioactive material in embedding media after freeze drying and vapour fixation of the tissues. Attramadal A. Histochemie 19:75-87, 1969

The role of sex hormones in problems of the mature years and beyond. Geller J. J Amer Geriat Soc 17:861-73, Sep 69

Quantitative separation of progestins and estrogens from anovulatory formulations. Fernández AA, et al. J Pharm Sci 58:740-4, Jun 69

Selective colorimetric determination of ethynodiol diacetate in oral estrogen-progestin combination. Pasini R, et al. J Pharm Sci 58:872-4, Jul 69

Comparison of vaginal epithelium maturation with progestin-withdrawal bleeding as an indication of circulating estrogen. Moszkowski EF, et al. Obstet Gynec 34:422-3, Sep 69

[Quantitative estimations of dehydroepiandrosterone, androsterone, etiocholanolone, estrogens and testosterone in blood plasma and skin eluats in acne vulgaris] Brehm G, et al. Arch Klin Exp Derm 234:117-24, 1969 (Ger)

[A reaction for the determination of testosterone in extracts of body fluids] Ittrich G. Hoppe Seyler Z Physiol Chem 350:513-6, Apr 69 (Ger)

[On the treatment of climacteric in closed institutions] Schneider-Reinkens A. Z Allgemeinmed 45:870-3, 30 Jun 69 (Ger)

[Quantitative separation of estrogens from oil solutions by thin layer chromatography and their gas chromatographic and colorimetric determination] Cavina G, et al. Ann Ist Sup Sanit 4:75-89, 1968 (Ita)

[Advances and problems in estrogen measurement] Kambegawa A. Clin Endocr (Tokyo) 17:300-9, Apr 69 (75 ref.) (Jap)

ANTAGONISTS & INHIBITORS

Arginine induced growth hormone release after clomiphene treatment. Fiedler AJ, et al. J Clin Endocr 29:1110-3, Aug 69

Mammalian antifertility agents. VI. A novel sequence for the preparation of 1,2-disubstituted 3,4-dihydronaphthalenes. Lednicer D, et al. J Med Chem 12:881-5, Sep 69

Endocrine activities of some novel steroids. McKinney GR, et al. Steroids 14:91-5, Aug 69

[Progesterone in cirrhosis. (Antialdosteronic and antiestrogenic effect)] Dinç I, et al. Tip Fak Mec (Istanbul) 31:267-78, 1968 (Tur)

BIOSYNTHESIS

The stereospecific removal of a C-19 hydrogen atom in oestrogen biosynthesis. Skinner SJ, et al. Biochem J 114:75-81, Aug 69

The importance of foetal physiology and endocrinology in obstetrics. Abramovich DR. Med J Aust 2:408-11, 23 Aug 69

[From ovulation to implantation (report)] Buchholz R. Arch Gynaek 207:177-86, 1969 (Ger)

[Androgen metabolism and estrogen production in explant cultures of rat ovaries following incubation with androstenedione and testosterone] Schriefers H, et al. Hoppe Seyler Z Physiol Chem 350:999-1007, Aug 69 (Ger)

[The indices of certain endocrine functions in patients with benign tumors] Ivaniuta LI, et al. Vrach Delo 12:34-6, Dec 67 (Rus)

BLOOD

Target gland insufficiency and pituitary tumours. Leiba S, et al. Acta Endocr (Kobenhavn) 60:112-20, Jan 69

Pituitary regulation of preovulatory estrogen secretion in the rat. Hori T, et al. Endocr Jap 16:351-60, Jun 69

[Histological findings on the prostate as a method of controlling the administration of estrogens in calves]

Ruitenberg EJ, et al.
Bull Office Int Epizoot 68:759-67, May 67 (Fre)
[Quantitative estimations of dehydroepiandrosterone, androsterone, etiocholanolone, estrogens and testosterone in blood plasma and skin eluats in acne vulgaris] Brehm G, et al.
Arch Klin Exp Derm 234:117-24, 1969 (Ger)
[Advances and problems in estrogen measurement] Kambegawa A.
Clin Endocr (Tokyo) 17:300-9, Apr 69 (75 ref.) (Jap)
[Estrogenic hormones and the red cell] Lachowicz L.
Ginek Pol 40:571-8, May 69 (33 ref.) (Pol)
[REACTION OF THE HYPOPHYSIS (ACTH) f rtftse o the changes of blood estrogen level] Skebel'skaia IuB.
Probl Endokr (Moskva) 15:45-9, Jan-Feb 69 (Rus)

HISTORY

[Nobel prize for Francis Peyton Rous in 1966 for the discovery of carcinogenic viruses and for Charles Huggins for the introduction of hormones for treatment of neoplasms] (Rous FP), (Huggins C), Sulek K. Wiad Lek 22:1161-2, 15 Jun 69 (Pol)

ISOLATION & PURIFICATION

[Quantitative separation of estrogens from oil solutions by thin layer chromatography and their gas chromatographic and colorimetric determination] Cavina G, et al. Ann Ist Sup Sanit 4:75-89, 1968 (Ita)

METABOLISM

Brenner's tumor with theca cell luteinization and hormonal function. Paalman RJ, et al.
Amer J Obstet Gynec 104:1216-8, 15 Aug 69
Action of an estrogen antagonist on contractility of the fallopian tube. Callantine MR, et al.
Amer J Physiol 216:1236-40, May 69
Agar plate method for detecting microorganisms which produce equilin and other estrogens from various steroids. Vezina C, et al.
Appl Microbiol 18:270-1, Aug 69
Conjugation of 2-hydroxyestrone in man. Yoshizawa I, et al. J Clin Endocr 29:1123-5, Aug 69
3-deoxy-16-haloestra-1,3,5(10)-trienes. Johns WF.
J Med Chem 12:885-8, Sep 69
Development of endocrine function in the human placenta and fetus (second of two parts). Villee DB.
New Eng J Med 281:533-41, 4 Sep 69 (63 ref.)
Effects of some pesticides and related compounds on steroid function and metabolism. Kupfer D.
Residue Rev 19:11-30, 1967 (96 ref.)
Importance of mucopolysaccharides in the development of the protective hepatotropic effect of hypothyrosis. Kulcsár A, et al.
Tohoku J Exp Med 97:373-84, Apr 69
[The protection of the child in the uterus] Wering RF van. Nederl T Geneesk 113:1370-6, 2 Aug 69 (Dut)
[Placental insufficiency] Thomsen K.
Arch Gynaek 207:401-5, 1969 (Ger)
[Chemical and biological aspects of the mechanism of action of mixed functional oxygenases] Nover L.
Pharmazie 24:361-78, Jul 69 (215 ref.) (Ger)
[Estrogenic hormones and the red cell] Lachowicz L.
Ginek Pol 40:571-8, May 69 (33 ref.) (Pol)
[Disturbances of estrogen metabolism in viral hepatitis] Eisner M, et al.
Pol Arch Med Wewnet 42:871-8, Jun 69 (Pol)
[Changes in urinary elimination of catecholamines during the ovarian cycle in hyperestrogenism] Pencea V, et al.
Rev Medicochir Iasi 73:49-52, Jan-Mar 69 (Rum)

PHARMACODYNAMICS

Follow-up studies by cytology on cancer of the cervix uteri after treatment. Masubuchi K, et al.
Acta Cytol (Balt) 13:323-6, Jun 69
The effects of oestrogens on bluing lesions by bradykinin and histamine. Ishioka T, et al.
Acta Endocr (Kobenhavn) 60:177-83, Feb 69
Levels and patterns of acid mucopolysaccharides in bovine coronary arteries without gross lesions. Likar IN, et al. Acta Endocr (Kobenhavn) 59:668-81, Dec 68
Biological properties of three ovulation inducers, stilboestrol, clomiphene and F 6066. Watnick AS, et al.
Acta Endocr (Kobenhavn) 59:611-21, Dec 68
Effects of a new diphenylethylene derivative (F 6066) on testicular morphology in man. Nylander G, et al.
Acta Soc Med Upsal 73:199-220, 1968
Uterine alkaline and acid phosphatase activity in the rhesus monkey treated with synthetic estrogen. Manning JP, et al.
Amer J Obstet Gynec 105:412-7, 1 Oct 69
Displacement of 17 beta-estradiol from the rabbit fallopian tube. Callantine MR, et al.
Amer J Physiol 216:1241-5, May 69
Ion concentrations and membrane potentials of myometrium during recovery from cold. Kao CY, et al.
Amer J Physiol 217:525-31, Aug 69
Steroid N-acetylglucosaminyltransferase: elevation of activity in rabbit kidney by oestrogen treatment. Himaya A, et al. Biochem J 113:445-6, Jun 69
The influence of sex and estrogens on liver kynureninase and kynurenine aminotransferase in the rat. Rose DP, et al.
Biochim Biophys Acta 184:412-9, 30 Jul 69
Drugs acting on the uterus. I.
Brit Med J 2:619-20, 7 Jun 69
Plasma protein changes induced by sequential type of contraceptive steroid pills. Laurell CB, et al.
Clin Chim Acta 25:294-6, Aug 69
Experimental reversal of germ cells. Turner CD.
Embryologia (Nagoya) 10:206-30, Feb 69 (23 ref.)
Effects of steroids on the release of luteinizing hormone in the rat. Kobayashi F, et al.
Endocr Jap 16:251-60, Apr 69
Causal relationship between luteinizing hormone release and estrogen secretion in the rat. Kobayashi F, et al. Endocr Jap 16:261-7, Apr 69
Biphasic effect of estrogen on rat plasma cholesterol level and its interaction by androgen. Uchida K, et al.
Endocr Jap 16:211-4, Feb 69
Effects of estrogen or progesterone on prepuberal ovaries implanted in castrated adult male rats. Riboni L, et al. Experientia 25:754-5, 1969
Maintenance of thyroid activity with some steroids in hypophysectomized and gonadectomized catfish, Mystus vittatus (Bloch). Singh TP.
Experientia 25:431, 15 Apr 69
Practically applicable results of twenty years of research in endocrinology. Tausk M.
Fortschr Arzneimitteiforsch 12:137-64, 1968 (130 ref.)
Release of gonadotrophin in ovariectomized mice after exposure to males. Bronson FH, et al.
J Endocr 44:293-7, Jul 69
Possible oestrogenic and anti-androgenic effects in rats treated with the oral hypoglycaemic agents tolbutamide and acetohexamide. Saad SF.
J Pharm Pharmacol 21:314-6, May 69
Reversal by gonadotrophins of the luteolytic effect of oestrogen in the cyclic guinea-pig. Choudary JB, et al.
J Reprod Fertil 19:503-10, Aug 69
The effects oICI 33828 and progesterone on oestrogen-maintained corpora lutea in the sow. Garbers DL, et al. J Reprod Fertil 19:541-4, Aug 69
The morphologic effects of oral contraceptive agents on the cervix. Gall SA, et al.
JAMA 207:2243-7, 24 Mar 69
Some effects of oral contraceptives on carbohydrate metabolism. Wynn V, et al. Lancet 2:761-5, 11 Oct 69
Fasting serum triglyceride, cholesterol, and lipoprotein levels during oral-contraceptive therapy. Wynn V, et al. Lancet 2:756-60, 11 Oct 69
Metabolic effects of oral contraceptives.
Lancet 2:783-4, 11 Oct 69
The lactating breast. Millar DG.
Practitioner 203:158-65, Aug 69
Facilitation of gonadotrophin-induced ovulation in adult rats by estrogens. Husain SM.
Rev Canad Biol 28:137-8, Jun 69
[Action of estrogens on tubero-infundibular monoamines in female hamsters] Hermand E.
C R Soc Biol (Paris) 162:1959-61, May 69 (Fre)
[Unit activity in the hypothalamus studied in relation to ovulation in free chronic rabbits] Faure JM, et al.
J Physiol (Paris) 60:Suppl 2:439+, 1968 (Fre)
[Physiology, biology, and pharmacology of sex hormones] Cession G.
Rev Med Liege 22:220-7, 15 Apr 67 (Fre)
[Estrogens and progestagens] Grégoire L.
Rev Med Liege 22:220, 15 Apr 67 (Fre)
[Studies on Fallopian tube secretion and egg transport in animal experiments using radioactive sulfate ions] Legerlotz C. Arch Gynaek 207:169-72, 1969 (Ger)
[Functional interactions between uterine tube and fertilized egg] Stegner HE.
Arch Gynaek 207:136-54, 1969 (64 ref.) (Ger)

[Medicinal ovulation induction] Zander J.
Arch Gynaek 207:406-9, 1969 (Ger)
[Hormonal contraception] Kohoutek M, et al.
Sborn Ved Prac Lek Fak Karlov Univ 11:691-5, 1968 (Ger)
[Rheumatic connective tissue metabolism and pathological structure of the connective tissue in rheumatoid arthritis] Lindner J.
Verh Deutsch Ges Inn Med 74:1315-49, 1968 (170 ref.) (Ger)
[On the question of the estrogenic effect of cardiac glycosides] Tatra G, et al.
Wien Med Wschr 119:460-3, 14 Jun 69 (Ger)
[The effect of sterols and steroids on the body calcium fractions] Harnapp GO.
Z Aerztl Fortbild (Jena) 63:612-21, 1 Jun 69 (Ger)
[Animal experiment study on the pathogenesis of placenta praevia] Sachs H.
Z Ges Exp Med 150:199-202, 1969 (Ger)
[Estrogens and progesterone regulation of DNA synthesis in the uterine epithelium in rats] Galassi L.
Arch Ital Anat Embriol 73:379-90, 1968 (Ita)
[Influence of trasylol of the tonus and motility of the estrogen-teated rat uterus] Baraldi M, et al.
Boll Soc Ital Biol Sper 44:1321-4, 31 Aug 68 (Ita)
[Behavior of the oral mucosa during therapy with estrogen-progesterone substitution therapy (cytologic study using the Shorr method)] Messina P.
Stomatologica (Genova) 12:392-407, Oct-Dec 68 (Ita)
[Relationship between the hypothalamus and the limbic system, with special reference to its dynamics in feedback mechanism] Iizuka R, et al.
Clin Endocr (Tokyo) 17:427-35, May 69 (Jap)
[Electron microscopic study of the mechanism of secretion of milk] Kimura T.
J Jap Obstet Gynec Soc 21:301-8, Mar 69 (Jap)
[Studies on fibrinolytic enzymes in the field of obstetrics and gynecology, especially tissue activator] Takemoto J.
J Kumamoto Med Soc 43:332-59, 25 Apr 69 (Jap)
[Mechanism of the hypothalamus autonomic nervous system and ovulation] Kobayashi T, et al.
Saishin Igaku 24:1024-6, May 69 (Jap)
[Dynamics of the hypothalamus releasing factors during the process of maturation] Kobayashi T, et al.
Saishin Igaku 24:1007-12, May 69 (Jap)
[The influence of estrogens upon the mitotic activity and DNA synthesis in the adrenal glands of the castrated mice] Jonek J, et al.
Ginek Pol 40:865-7, Aug 69 (Pol)
["Androgenic shock" during treatment of prostate gland cancer] Religa Z.
Pol Przegl Chir 41:Suppl 4a:534+, 1969 (Pol)
[Binding hydrocortisone with transcortin in diencephalic syndrome following the Itsenko-Cushing disease course] Rozen VB, et al.
Probl Endokr (Moskva) 15:48-52, May-Jun 69 (Rus)
[Morphological study of the human ovary as affected by various steroids and the intrauterine device, used to control fertility] Zañartu J, et al.
Rev Med Chile 95:512-21, Sep 67 (Spa)
[Testosterone in the urine of women] Drobnjak P.
Lijecn Vjesn 90:881-4, Sep 68 (Cro)

PHYSIOLOGY

Hypertrophic osteoarthropathy and pregnancy. Borden EC, et al. Ann Intern Med 71:577-80, Sep 69
Dependence of pancreatic integrity on adrenal and ovarian secretions. Grossman A, et al.
Endocrinology 85:956-9, Nov 69
In vivo oxidation of glucose-1-14C and glucose-6-14C in mice with 7,12-dimethylbenz-[a]anthracene-induced tumors. Burki HR, et al.
J Nat Cancer Inst 43:643-51, Sep 69
Bishop PM: Breasts of inappropriate size. Bishop PM.
Practitioner 203:171-6, Aug 69
Role of chromatin in estrogen action in the uterus. II. Hormone-induced synthesis of nonhistone acidic proteins which restore histone-inhibited DNA-dependent RNA synthesis. Teng CS, et al.
Proc Nat Acad Sci USA 63:465-72, Jun 69
[Physiology, biology, and pharmacology of sex hormones] Cession G.
Rev Med Liege 22:220-7, 15 Apr 67 (Fre)
[The significance of the blockade of adrenergic system receptors for the uterus contractility in the course of labor] Urban J. Ginek Pol 40:823-6, Jul 69 (Pol)
[The effect of sex gland stimulation on regeneration of the thyroid gland] Miroinichenko EV.
Biull Eksp Biol Med 67:87-90, Mar 69 (Rus)
[Otosclerosis and physiological hyperestrogenism] Tarasenkova NS.
Vestn Otorinolaring 29:52-6, Nov-Dec 67 (Rus)

POISONING

[Toxic and caustic complications through use of so-called abortifacients] Vago O.
Z Geburtsh Gynaek 170:272-7, 1969 (Ger)

SECRETION

Pituitary regulation of preovulatory estrogen secretion in the rat. Hori T, et al. Endocr Jap 16:351-60, Jun 69
Causal relationship between luteinizing hormone release and estrogen secretion in the rat. Kobayashi F, et al. Endocr Jap 16:261-7, Apr 69
Ovarian secretion of progesterone and 20alpha-hydroxypregn-4-en-3-one during rat estrous cycle in chronological relation to pituitary release of luteinizing hormone. Uchida K, et al.
Endocr Jap 16:227-37, Apr 69
Induction of implantation of blastocysts transferred to ovariectomized mice. Humphrey KW.
J Endocr 44:299-305, Jul 69
[Functional genital hemorrhages] Baudet JH.
Presse Med 77:1353-5, 24 Sep 69 (Fre)
[Causative relations between pituitary luteinizing hormone release and secretion of ovarian steroid in sexual cycles in rats] Miyake T.
Saishin Igaku 24:1012-23, May 69 (Jap)
[Comparative evaluation of colpocyto-hormonal and clinico histological data in patients with uterine myoma] Lesakova AS, et al.
Akush Ginek (Moskva) 43:41-6, Apr 67 (Rus)
[Changes in estrogenic activity in posthemorrhagic anemia] Pekus EN. Vrach Delo 12:57-9, Dec 67 (Rus)

THERAPEUTIC USE

Experimental study on atherosclerosis--an attempt at its prevention and treatment. Shimamoto T.
Acta Path Jap 19:15-43, Feb 69
Effects of a new diphenylethylene derivative (F 6066) on testicular morphology in man. Nylander G, et al.
Acta Soc Med Upsal 73:199-220, 1968
Today's drugs. Brit Med J 3:285-7, 2 Aug 69
Prolonged observations on variations in the serum copper in Hodgkin's disease. Warren RL, et al.
Clin Radiol 20:247-56, Jul 69
Abnormal height in children. Hamilton W.
Develop Med Child Neurol 11:521-4, Aug 69
Practically applicable results of twenty years of research in endocrinology. Tausk M.
Fortschr Arzneimitteiforsch 12:137-64, 1968 (130 ref.)
[Hormonal treatment of the menopause] Soiva K.
Duodecim 85:360-4, 1969 (14 ref.) (Fin)
[A rare cause of "genital" hemorrhage in a little girl: prolapse of the urethral mucosa. Estrogen theapy] Pereiman R, et al.
Ann Pediat (Paris) 16:457-9, Jun-Jul 69 (Fre)
[Estroprogestational hormones in dermatology] Chanial G, et al.
Bull Soc Franc Derm Syph 76:125-30, 1969 (Fre)
[Remarks on hormonal treatment of prostatic canecer] Verrière P, et al. J Med Lyon 48:869-70, 20 May 67 (Fre)
[Functional genital hemorrhages] Baudet JH.
Presse Med 77:1353-5, 24 Sep 69 (Fre)
[Prophylactic treatment of abortions during the first trimester with systematic hormonal determinations and hormonal treatment with gonadotrophins, estrogens and progesterone carried out from the beginnings of pregnancies in patients with previous pathological histories] Béclère C, et al.
Rev Franc Gynec Obstet 62:495-501, Sep 67 (Fre)
[Estrogens and progestagens] Grégoire L.
Rev Med Liege 22:220, 15 Apr 67 (Fre)
[Indication for female hormones in substitution therapy] Lebeau JM.
Rev Med Liege 22:227-9, 15 Apr 67 (Fre)
[Drug therapy of endometriosis] Hussiein H.
Arch Gynaek 207:265-71, 1969 (Ger)
[Clinical course of prostatic carcinoma] Hanschke HJ.
Deutsch Med J 19:721-5, 20 Oct 68 (Ger)
[Recent results of comparative clinical studies with oral contraceptives] Roth F, et al.
Gynaecologia (Basel) 167:467-72, 1969 (Ger)
[Experience with Ovaribran in the menopause

syndrome] Ganser F.
Med Mschr 23:184-6, Apr 69 (Ger)
[Psychogenic symptomatology of climacteric and an attempt to demonstrate the therapeutic effect of change of the hand writing pattern] Hannibal W.
Med Welt 25:1527-30, 22 Jun 68 (Ger)
[The value of treatment of habitual abortion] Wenner GD, et al. Med Welt 25:1524-7, 22 Jun 68 (Ger)
[Treatment of prostatic carcinoma] Rutishauser G.
Praxis 58:708-13, 3 Jun 69 (Ger)
[Treatment with sex hormones--pharmacology]
Kramer M. Z Allgemeinmed 45:660-9, 20 May 69 (Ger)
[On the treatment of climacteric in closed institutions] Schneider-Reinkens A.
Z Allgemeinmed 45:870-3, 30 Jun 69 (Ger)
[Dietetics and therapy of senile osteoporosis] Lenzi F, et al. Clin Ter 43:221-31, 15 Nov 67 (Ita)
[Current problems in the therapy of diffuse breast carcinoma] Di Pietro S.
Minerva Radiol 13:569-73, Oct 68 (Ita)
[Theory and practice of hormone therapy] Matsumoto S. J Jap Med Ass 61:1386-90, 15 Jun 69 (Jap)
[Clinical study of bone metastases of prostatic tumor] Takeuchi H.
Orthop Surg (Tokyo) 20:397-405, Mar 69 (Jap)
["Androgenic shock" during treatment of prostate gland cancer] Religa Z.
Pol Przegl Chir 41:Suppl 4a:534+, 1969 (Pol)
[Effect of therapeutic use of estrogens on the morphological picture of the nuclei of neutrophil granulocytes] Gębala A, et al.
Pol Tyg Lek 24:991-3, 30 Jun 69 (Pol)
[Nobel prize for Francis Peyton Rous in 1966 for the discovery of carcinogenic viruses and for Charles Huggins for the introduction of hormones for treatment of neoplasms] (Rous FP), (Huggins C), Sulek K. Wiad Lek 22:1161-2, 15 Jun 69 (Pol)
[Some clinico-instrumental data concerning the effect of prolonged therapeutic use of sex hormones on the development of atherosclerosis in diabetes mellitus] Nikolaev EI.
Probl Endokr (Moskva) 15:8-11, Mar-Apr 69 (Rus)

TOXICITY

Cancer of the uterine cervix in mice fed a liquid diet containing an antifertility drug. Dunn TB.
J Nat Cancer Inst 43:671-92, Sep 69

URINE

Diagnosis and treatment of mastopathy. Márton Z, et al.
Acta Chir Acad Sci Hung 10:93-103, 1969
Discrepancies between colpocytology and urinary steroid hormone excretion in women treated with clomiphene citrate or gonadotropins for anovulatory sterility. Boquoi E, et al.
Acta Cytol (Balt) 13:332-46, Jun 69
Studies on sex hormone excretion in normal and hirsute women. Ismail AA, et al.
Acta Endocr (Kobenhavn) 61:283-92, Jun 69
The relation between plasma progesterone and total urinary oestrogens following induction of ovulation in women. Johansson ED, et al.
Acta Endocr (Kobenhavn) 62:89-97, Sep 69
Urinary steroid profile during the puerperium. Acevedo HF, et al.
Amer J Obstet Gynec 105:297-303, 1 Oct 69
A clinical and metabolic study of masculinizing arrhenoblastoma. Sato T, et al.
Amer J Obstet Gynec 104:1124-30, 15 Aug 69
Studies in plasma neutral steroid sulphates, urinary 11-deoxy-17-ketosteroids and estrogens, and plasma lipids in patients with hypercholesterolemia or hyperlipemia. Adiercreutz H, et al.
Ann Med Exp Biol Fenn 46:165-71, 1968
The effect of 0.5 mg lynestrenol on the follicle stimulating hormone, luteinizing hormone, oestrogen and pregnanediol excretion during the menstrual cycle. Schmidt-Elmendorff H, et al.
Arzneimittelforschung 19:1277-9, Aug 69
Hormonal activity of "non-functional" ovarian tumours. Bhargava VL, et al.
Aust New Zeal J Obstet Gynaec 9:108-15, May 69
A case of adrenocortical cancer treated with O,P'-DDD. Sakauchi N, et al. Endocr Jap 16:287-90, Apr 69
A case of adult male pseudohermaphroditism: the problems of diagnosis and treatment. Jelinek VM, et al. Med J Aust 2:150-3, 19 Jul 69
Thiol groups as a factor preventing senescence and stimulating growth processes in various organisms. Oeriu S, et al. Rev Roum Physiol 5:273-8, 1968
Fluctuation of urinary level of follicle stimulating substance and of estrogen during pregnancy. Nagai S, et al. Tohoku J Exp Med 98:135-46, Jun 69
[Histological findings on the prostate as a method of controlling the administration of estrogens in calves] Ruitenberg EJ, et al.
Bull Office Int Epizoot 68:759-67, May 67 (Fre)
[Studies on the analytical and clinical reliability of a modification of Ittrich's direct fluorometry of urinary estrogens] Stastný J, et al.
Acta Univ Carol [Med] (Praha) 14:27-57, 1968 (Ger)
[The central stimuli for follicular ripening and ovulation] Buchholz R.
Arch Gynaek 207:107-23, 1969 (132 ref.) (Ger)
[Female laryngeal carcinoma and sexual hormones] Hanson J, et al.
Arch Klin Exp Ohr Nas Kehlkopfheilk 193:277-86, 1969 (Ger)
[The effect of a single gonadotropin application in anovulation] Keller PJ, et al.
Gynaecologia (Basel) 167:434-8, 1969 (Ger)
[Benign lymphadenitis of the skin as a hormonal reticular hyperplasia] Kageyama R, et al.
Hautarzt 19:274-5, Jun 68 (Ger)
[Hormone studies, treatment methodswith tranquilizers and norsteroids in juvenile metropathy] Tfh F, et al. Z Geburtsh Gynaek 170:302-7, 1969 (Ger)
[Various endocrinal aspects of "idiopathic hypertrichosis"] Schiatti E, et al.
Arch Ostet Ginec 73:992-1010, Nov-Dec 68 (Ita)
[Advances and problems in estrogen measurement] Kambegawa A.
Clin Endocr (Tokyo) 17:300-9, Apr 69 (75 ref.) (Jap)
[New endocrine disorders attracting current interest--female gonadal system] Tojo S.
Clin Endocr (Tokyo) 17:422-6, May 69 (Jap)
[Study on estrogen, pregnanediol and gonadotropin in patients with an abnormal feeling in the throat] Miyake H. J Otolaryng Jap 72:876-83, Apr 69 (Jap)
[Study on gynecomastia and its possible association with malignant tumors. Gynecomastia] Abe O.
Jap J Cancer Clin 15:317-22, Mar 69 (Jap)
[Pure gonadal dysgenesis] Matsuoka M, et al.
Saishin Igaku 24:1129-39, May 69 (Jap)
[Disturbance of sexual function and the adipose tissue in obese women] Kaku M, et al.
Sanfujin Jissai 18:212-8, Mar 69 (Jap)
[Clinical effect of F 6066 on ovulation] Nishimura T, et al. Sanfujin Jissai 18:301-6, Apr 69 (Jap)
[Estrogen metabolism in obese and slender women] Nodate Y, et al. Sanfujin Jissai 18:219-29, Mar 69 (Jap)
[Estrogen excretion in patients with uterine myoma] Arsen'eva MG, et al.
Akush Ginek (Moskva) 43:36-41, Apr 67 (Rus)
[On the article of B. G. Daragan, K. V. Posylina and T. V. Daragan "Evaluation of the fractionated method of determination of estrogens in urine under conditions of gynecologic practice"] Naugol'nykh EZ.
Lab Delo 6:353-4, 1969 (Rus)
[Excretion of estrogens and pregnanediol in women after supravaginal amputation of the uterus with endometrial plastic surgery performed because of fibromyoma] Alekseeva LM, et al.
Probl Endokr (Moskva) 15:37-42, May-Jun 69 (Rus)
[Malignant tumor of the adrenal cortex in man with increased estrogen and glucocorticoid activity] Butrova SA, et al.
Probl Endokr (Moskva) 14:48-9, May-Jun 68 (Rus)
[The effect of epidemic hepatitis on extrogen excretion in men] Iatsenko LA.
Probl Endokr (Moskva) 14:41-3, Nov-Dec 68 (Rus)
[Estrogen excretion in patients with toxic goiter associated with gynecomastia] Zhizhina SA, et al.
Probl Endokr (Moskva) 15:16-8, Mar-Apr 69 (Rus)

ESTRONE

Directive O methylation of estrogen catechol sulfates. Miyazaki M, et al.
Biochemistry (Wash) 8:1669-72, Apr 69
Human placental 17 beta-estradiol dehydrogenase. IV. Differentiation of 17 beta-estradiol-activated transhydrogenase from the transhydrogenase function of 17 beta-estradiol dehydrogenase. Karavolas HJ, et al. J Biol Chem 244:4413-21, 25 Aug 69
[Synthesis of (plus or minus)-B-homoestrone] Galantay E, et al. Experientia 25:571-2, 15 Jun 69 (Ger)

ANALYSIS

Chromatographic separation of estrone and 17 beta-estradiol conjugates on DEAE-Sephadex. Hobkirk R, et al. Steroids 14:191-206, Aug 69

Preparation of sulfate esters. The synthesis of steroid sulfates by a dicyclohexylcarbodimide-mediated sulfation. Mumma RO, et al. Steroids 14:67-74, Jul 69

[Light absorption analysis. 3. Infrared rays] Mori H. Clin Endocr (Tokyo) 17:462-6, May 69 (Jap)

[Conversion of 14C-4-17-beta-estradiol to 14C-4-estrone in the ovary during the sexual cycle] Jakowicki J, et al. Ginek Pol 40:669-75, Jun 69 (Pol)

BIOSYNTHESIS

The stereospecific removal of a C-19 hydrogen atom in oestrogen biosynthesis. Skinner SJ, et al. Biochem J 114:75-81, Aug 69

Steroid hormone transformations by endocrine organs from pregnant mammals. V. The biosynthesis and metabolism of progesterone and estrogens by orangutan placental tissue in vitro. Ainsworth L, et al. Steroids 14:301-14, Sep 69

Studies on phenolic steroids in human subjects. XII. In vitro metabolism of estradiol-6,7-3H-3-glucosiduronate-14C and of estrone-6,7-3H-glucosiduronate by human placental estradiol-17beta-dehydrogenase. Roy A, et al. Steroids 14:327-34, Sep 69

[Aspects of steroid biosynthesis in normal human testes] Sciarra F, et al. Folia Endocr (Roma) 21:412-22, Aug 68 (Ita)

[Conversion of 14C-4-17-beta-estradiol to 14C-4-estrone in the ovary during the sexual cycle] Jakowicki J, et al. Ginek Pol 40:669-75, Jun 69 (Pol)

[Steroid-specific dehydrogenase systems in human placenta] Cherniavskaia MA, et al. Biokhimiia 34:356-8, Mar-Apr 69 (Rus)

BLOOD

Two cases of germinal aplasia: plasma concentration and in vitro biosynthesis of androgens. Conti C, et al. Folia Endocr (Roma) 21:404-11, Aug 68

[Metabolism of steroid conjugates. 3. In vivo metabolism (6,7-3H)3-hydroxy-1,3,5(10)-estratriene-17-one (35S)sulfate] Oertel GW, et al. Hoppe Seyler Z Physiol Chem 350:755-60, Jun 69 (Ger)

CHEMICAL SYNTHESIS

Chromatographic separation of estrone and 17 beta-estradiol conjugates on DEAE-Sephadex. Hobkirk R, et al. Steroids 14:191-206, Aug 69

Preparation of sulfate esters. The synthesis of steroid sulfates by a dicyclohexylcarbodimide-mediated sulfation. Mumma RO, et al. Steroids 14:67-74, Jul 69

ISOLATION & PURIFICATION

The isolation of estrone sulfate and estradiol-17 beta sulfate from stallion testes. Raeside JI. Canad J Biochem 47:811-5, Aug 69

Studies on the metabolism of steroid hormones and their precursors by the human placenta at various stages of gestation. II. In vitro metabolism of 3 beta-hydroxyandrost-5-en-17-one. Smith SW, et al. J Clin Endocr 29:1182-90, Sep 69

A time study of the in vitro metabolism of 3 beta-hydroxyandrost-5-en-17-one by human adrenocortical tissue. Neville AM, et al. Steroids 14:97-117, Aug 69

METABOLISM

In vitro metabolism of oestrogens in liver tissue from domestic animals. Lyngset O, et al. Acta Endocr (Kobenhavn) 59:682-8, Dec 68

Studies on steroid metabolism in human endometrial tissue. Collins WP, et al. Biochem J 113:399-407, Jun 69

Studies on phenolic steroids in human subjects. XII. In vitro metabolism of estradiol-6,7-3H-3-glucosiduronate-14C and of estrone-6,7-3H-glucosiduronate by human placental estradiol-17beta-dehydrogenase. Roy A, et al. Steroids 14:327-34, Sep 69

[The protection of the child in the uterus] Wering RF van. Nederl T Geneesk 113:1370-6, 2 Aug 69 (Dut)

[Incubation of 3H-6,7-estrone in the presence of rat and rabbit liver slices] Savu L, et al. Bull Soc Chim Biol (Paris) 50:1739-50, 30 Jan 69 (Fre)

[Effects of the functional state of the thyroid gland on the metabolism of estrogens in the microsome fraction of rat liver] Lehmann WD, et al. Acta Endocr (Kobenhavn) 61:461-76, Jul 69 (Ger)

[Metabolism of steroid conjugates. 3. In vivo metabolism (6,7-3H)3-hydroxy-1,3,5(10)-estratriene-17-one (35S)sulfate] Oertel GW, et al. Hoppe Seyler Z Physiol Chem 350:755-60, Jun 69 (Ger)

[Nipiopharmacology of steroid hormones] Macciotta A. Minerva Nipiol 17:204-38, Nov-Dec 67 (746 ref.) (Ita)

[Transformation of steroids by some thermophilic microorganisms] Kogan LM, et al. Mikrobiologiia 37:628-35, Jul-Aug 68 (Rus)

PHARMACODYNAMICS

The effect of protein deficiency on uterine sensitivity in the pseudopregnant rat. Kinzey WG. Acta Endocr (Kobenhavn) 61:232-8, Jun 69

Effects of steroids on the release of luteinizing hormone in the rat. Kobayashi F, et al. Endocr Jap 16:251-60, Apr 69

Biphasic effect of estrogen on rat plasma cholesterol level and its interaction by androgen. Uchida K, et al. Endocr Jap 16:211-4, Feb 69

Postcopulatory effects of two antifertility agents on ova transport and implantation. Nutting EF, et al. Proc Soc Exp Biol Med 131:1326-31, Sep 69

Endocrine activities of some novel steroids. McKinney GR, et al. Steroids 14:91-5, Aug 69

[Influence of a deficient diet on the enzymatic activity of the central nervous system] Legrand J. J Physiol (Paris) 60:Suppl 2:485, 1968 (Fre)

[Morphology of the smooth muscle cells of the vascular tunica media in several regional hemodynamic changes] Kaufman OIa. Arkh Pat 30:22-6, 1968 (Rus)

[The effect of estrone and actinomycin (Aurantin) on RNA synthesis in the hepatic cell nuclei of normal and ovariectomized rats] Kniazeva AP, et al. Probl Endokr (Moskva) 14:58-63, Jul-Aug 68 (Rus)

[Change in the bioelectric activity of the cow uterus under the effect of hormonal preparations] Tikhonov NM. Veterinariia 44:97-9, May 67 (Rus)

SECRETION

[Functional genital hemorrhages] Baudet JH. Presse Med 77:1353-5, 24 Sep 69 (Fre)

THERAPEUTIC USE

The effects of some steroidal alkylating agents on experimental animal mammary tumor and leukemia systems. Wall ME, et al. J Med Chem 12:810-8, Sep 69

Significance of Hormofort therapy and hormone-cytological examinations in cyclic disorders in puberty. Boros S, et al. Ther Hung 17:30-5, 1969

URINE

Studies on sex hormone excretion in normal and hirsute women. Ismail AA, et al. Acta Endocr (Kobenhavn) 61:283-92, Jun 69

Studies on metabolism of 3-desoxyestrone. II. Isolation and characterization of urinary metabolites of 3-desoxyestrone in rabbit. Nambara T, et al. Chem Pharm Bull (Tokyo) 17:1200-5, Jun 69

Regulation of human gonadotropins: VII. Daily individual urinary estrogens, pregnanediol and serum luteinizing and follicle stimulating hormones during the menstrual cycle. Goebelsmann U, et al. J Clin Endocr 29:1222-30, Sep 69

[The maternal adrenals in molar pregnancy] Houtzager HL, et al. Nederl T Geneesk 113:1272-4, 19 Jul 69 (Dut)

[Studies concerning the action mechanism of a retrosteroid, RO 4-8347] Béguin F, et al. Gynaecologia (Basel) 167:450-61, 1969 (Fre)

[Disturbances of estrogen metabolism in viral hepatitis] Eisner M, et al. Pol Arch Med Wewnet 42:871-8, Jun 69 (Pol)

[Evaluation of a fractional method of determination of estrogens in the urine in gynecological practice] Daragan VG, et al. Lab Delo 5:286-8, 1968 (Rus)

[Excretion of estrogens and pregnanediol in women after supravaginal amputation of the uterus with endometrial plastic surgery performed because of

fibromyoma] Alekseeva LM, et al.
Probl Endokr (Moskva) 15:37-42, May-Jun 69 (Rus)
[Malignant tumor of the adrenal cortex in man with increased estrogen and glucocorticoid activity] Butrova SA, et al.
Probl Endokr (Moskva) 14:48-9, May-Jun 68 (Rus)
[The effect of epidemic hepatitis on extrogen excretion in men] Iatsenko LA.
Probl Endokr (Moskva) 14:41-3, Nov-Dec 68 (Rus)
[Gynecomastia in toxic goiter] Kliachko VR, et al.
Probl Endokr (Moskva) 14:32-6, Jul-Aug 68 (Rus)
[Concerning testicular feminization] Starkova NT, et al. Probl Endokr (Moskva) 14:10-4, Nov-Dec 68 (Rus)
[Estrogen excretion in patients with toxic goiter associated with gynecomastia] Zhizhina SA, et al.
Probl Endokr (Moskva) 15:16-8, Mar-Apr 69 (Rus)

ETHINYL ESTRADIOL

ADMINISTRATION & DOSAGE

Treatment of hepatolenticular degeneration. (Wilson's disease). Spellberg MA.
Amer J Gastroent 52:121-6, Aug 69 (34 ref.)
[Problems of the statistical evaluation of clinical studies on oral contraceptives] Richter RH, et al.
Arch Gynaek 207:28-30, 1969 (Ger)
[A serial method for ovulation inhibition using ethinyl estradiol] McBride WG.
Arzneimittelforschung 19:1271-3, Aug 69 (Ger)
[The "sequential" method with a new estrogen-progesterone combination in ovulation control] Ballo U, et al.
Minerva Ginec 20:1885-7, 15 Dec 68 (Ita)
[Norgestrel and ethinyl estradiol. New oral agent of controlled dosage for regulating fertility] Rice-Wray E, et al.
Rev Colombia Obstet Ginec 20:61-8, Mar-Apr 69 (Spa)
[Diabetes mellitus and menstruation] Sandström B.
Nord Med 81:727-8, 5 Jun 69 (Swe)

ADVERSE EFFECTS

Oral contraceptives and hypetension. McEwan J.
Lancet 2:594, 13 Sep 69
Oral contraceptive medications and vulvovaginal candidiasis. Diddle AW, et al.
Obstet Gynec 34:373-7, Sep 69
Effect of selected estrogens and progestins on human chromosomes in vitro. Stenchever MA, et al.
Obstet Gynec 34:249-51, Aug 69
[A serial method for ovulation inhibition using ethinyl estradiol] McBride WG.
Arzneimittelforschung 19:1271-3, Aug 69 (Ger)

ANALYSIS

Fate of ingested radiolabeled ethynylestradiol and its 3-cyclopentyl ether in patients with bile fistulas. Cargill DI, et al. J Clin Endocr 29:1051-61, Aug 69

METABOLISM

Fate of ingested radiolabeled ethynylestradiol and its 3-cyclopentyl ether in patients with bile fistulas. Cargill DI, et al. J Clin Endocr 29:1051-61, Aug 69

PHARMACODYNAMICS

Effect of norethisterone acetate with or without ethinyl oestradiol on the sialic acid concentration and sperm receptivity of the cervical mucus. Carlborg L, et al. Acta Endocr (Kobenhavn) 59:636-43, Dec 68
Plasma protein changes induced by sequential type of contraceptive steroid pills. Laurell CB, et al.
Clin Chim Acta 25:294-6, Aug 69
Biphasic effect of estrogen on rat plasma cholesterol level and its interaction by androgen. Uchida K, et al.
Endocr Jap 16:211-4, Feb 69
Stimulation of LH release in men and women by LH-releasing hormone purified from porcine hypothalami. Kastin AJ, et al.
J Clin Endocr 29:1046-50, Aug 69
Estrogenic antagonism of metabolic effects of administered growth hormone. Schwartz E, et al.
J Clin Endocr 29:1176-81, Sep 69
Effects of oestrogen and progestagen on the composition of human milk. Toaff R, et al.
J Reprod Fertil 19:475-82, Aug 69
The morphologic effects of oral contraceptive agents on the cervix. Gall SA, et al.
JAMA 207:2243-7, 24 Mar 69
[Apropos of the suppression of the ovulation by pure estrogens] Hontela S.
Bull Fed Gynec Obstet Franc 19:101-5, Apr-May 67 (Fre)
[A serial method for ovulation inhibition using ethinyl estradiol] McBride WG.
Arzneimittelforschung 19:1271-3, Aug 69 (Ger)

SECRETION

Secretion of ethynylestradiol and its 3-cyclopentyl ether in the milk of lactating rats. Cargill DI, et al.
Proc Soc Exp Biol Med 131:1362-5, Sep 69

THERAPEUTIC USE

Oestrogen treatment in Cushing's syndrome. Norman N, et al. Acta Endocr (Kobenhavn) 61:320-2, Jun 69
[The acid and alkaline phosphatase activity in the serum of patients with prostatic cancer. The effect of endocrine therapy] Thijs LG, et al.
Nederl T Geneesk 113:1303-9, 26 Jul 69 (Dut)
[Apropos of the abuse of gynecological hormone therapy] Rouchy R, et al.
Bull Fed Gynec Obstet Franc 19:179-80, Apr-May 67 (Fre)
[The "sequential" method with a new estrogen-progesterone combination in ovulation control] Ballo U, et al.
Minerva Ginec 20:1885-7, 15 Dec 68 (Ita)
[The combination of gonad stimulating therapy with estrogenic drugs in the treatment of endocrine sterility] Laudisio V, et al.
Quad Clin Ostet Ginec 23:86-92, Feb 68 (Ita)

URINE

Fate of ingested radiolabeled ethynylestradiol and its 3-cyclopentyl ether in patients with bile fistulas. Cargill DI, et al. J Clin Endocr 29:1051-61, Aug 69

ETHISTERONE

THERAPEUTIC USE

[Clinical use of concurrent antagonists of aldosterone in patients with cardiac insufficiency] Smolenskiĭ VS, et al. Kardiologiia 9:13-9, Jun 69 (Rus)

ETHYNODIOL DIACETATE

ADMINISTRATION & DOSAGE

Further observations on the clinical effectivity of new low-dosage oral pills for contraception in Indian women: a four-year study. Shah PN.
Indian J Med Res 57:642-9, Apr 69
An assessment of quinestrol in the inhibition of lactation. McGlone J. Practitioner 203:187-8, Aug 69
'Instant' inhibition of lactation. Watson PS.
Practitioner 203:184-6, Aug 69
[Problems of the statistical evaluation of clinical studies on oral contraceptives] Richter RH, et al.
Arch Gynaek 207:28-30, 1969 (Ger)

ADVERSE EFFECTS

Inappropriate lactation. Cartlidge NE, et al.
Brit Med J 3:529-30, 30 Aug 69
Oral contraceptive medications and vulvovaginal candidiasis. Diddle AW, et al.
Obstet Gynec 34:373-7, Sep 69

ANALYSIS

Selective colorimetric determination of ethynodiol diacetate in oral estrogen-progestin combination. Pasini R, et al. J Pharm Sci 58:872-4, Jul 69

PHARMACODYNAMICS

Further observations on the clinical effectivity of new low-dosage oral pills for contraception in Indian women: a four-year study. Shah PN.
Indian J Med Res 57:642-9, Apr 69
Concentration of luteinizing and follicle-stimulating hormones in peripheral and ovarian venous plasma. Lierena LA, et al. J Clin Endocr 29:1083-9, Aug 69

Serum insulin and growth hormone responses to arginine infusion before and during treatment with contraceptive steroids. Vela P, et al.
J Clin Endocr 29:1212-6, Sep 69
The morphologic effects of oral contraceptive agents on the cervix. Gall SA, et al.
JAMA 207:2243-7, 24 Mar 69
An assessment of quinestrol in the inhibition of lactation. McGlone J. Practitioner 203:187-8, Aug 69
'Instant' inhibition of lactation. Watson PS.
Practitioner 203:184-6, Aug 69

GONANES

METABOLISM

[Physiological properties of tetracyclic systems present in the formula of steroids with two atoms of nitrogen in position 15 and 16] Bonnardeaux J, et al.
Canad J Physiol Pharmacol 47:705-11, Aug 69 (Fre)

PHARMACODYNAMICS

[Physiological properties of tetracyclic systems present in the formula of steroids with two atoms of nitrogen in position 15 and 16] Bonnardeaux J, et al.
Canad J Physiol Pharmacol 47:705-11, Aug 69 (Fre)

HEXESTROL

ISOLATION & PURIFICATION

[Attempt to separate hexoestrol, dienoestrol and diethylstilboestrol] Ferrando R, et al.
Bull Soc Chim Biol (Paris) 50:1855-7, 30 Jan 69 (Fre)

PHARMACODYNAMICS

The effects of oestrogens on bluing lesions by bradykinin and histamine. Ishioka T, et al.
Acta Endocr (Kobenhavn) 60:177-83, Feb 69
Effects of steroids on the release of luteinizing hormone in the rat. Kobayashi F, et al.
Endocr Jap 16:251-60, Apr 69
Biphasic effect of estrogen on rat plasma cholesterol level and its interaction by androgen. Uchida K, et al.
Endocr Jap 16:211-4, Feb 69
[Change in the bioelectric activity of the cow uterus under the effect of hormonal preparations] Tikhonov NM. Veterinariia 44:97-9, May 67 (Rus)

HYDROXYMETHYLTESTOSTERONE

THERAPEUTIC USE

[Use of anabolic hormones for the treatment of cardiovascular patients] Zharov EI, et al.
Kardiologiia 9:144-53, Jan 69 (98 ref.) (Rus)

HYDROXYPREGNENOLONE

BIOSYNTHESIS

The pathways of corticosteroid biosynthesis by homogenates of adrenal tissue from rabbits stimulated with adrenocorticotropin. Fevold HR.
Biochemistry (Wash) 8:3433-9, Aug 69
Steroidogenesis in a case of hydatidiform mole. Coutts JR, et al. J Endocr 44:335-48, Jul 69

BLOOD

[The central stimuli for follicular ripening and ovulation] Buchholz R.
Arch Gynaek 207:107-23, 1969 (132 ref.) (Ger)

METABOLISM

Effect of vitamin A on enzymic conversion of the delta-5-3-beta-hydroxy- into delta-4-3-oxosteroids by adrenals of the rat. Grangaud R, et al.
Amer J Clin Nutr 22:991-1002, Aug 69
Guinea pig adrenal 3-beta-hydroxysteroid dehydrogenase: is there more than one enzyme? Handler RP, et al. J Clin Endocr 29:1117-9, Aug 69

HYDROXYPROGESTERONE

Inhibitors of the catalytic activity of bovine adrenal glucose-6-phosphate dehydrogenase. Criss WE, et al.
Biochim Biophys Acta 184:486-94, 2 Sep 69
Ketenimine-dimethyl sulphoxide oxidation of hydroxy-steroids. Harmon RE, et al.
Chem Industr 40:1428, 4 Oct 69
Identification of 17alpha, 20alpha-dihydroxypregn-4-en-3-one produced from 17alpha-hydroxyprogesterone by a soluble enzyme of porcine testes. Shikita M, et al.
Endocr Jap 16:11-6, Feb 69
Steroid hormone binding to a macromolecule from hepatoma tissue culture cells. Gardner RS, et al.
J Biol Chem 244:4761-7, 10 Sep 69

BIOSYNTHESIS

Effect of vitamin A on enzymic conversion of the delta-5-3-beta-hydroxy- into delta-4-3-oxosteroids by adrenals of the rat. Grangaud R, et al.
Amer J Clin Nutr 22:991-1002, Aug 69
Biosynthesis of 6 beta- and 6 alpha-hydroxyprogesterone in the human foetal liver. Lisboa BP, et al. Europ J Biochem 9:503-6, Jul 69
Ovarian physiology: relationship between plasma LH and steroidogenesis by the follicle and corpus luteum; effect of HCG. Strott CA, et al.
J Clin Endocr 29:1157-67, Sep 69
Steroidogenesis in a case of hydatidiform mole. Coutts JR, et al. J Endocr 44:335-48, Jul 69

BLOOD

Sex hormone binding proteins. II. Isolation from serum of an elasmobranch (Raja radiata). Freeman HC, et al.
Gen Comp Endocr 13:83-91, Aug 69
Sex hormone binding proteins. I. Binding of steroids by serum of an elasmobranch (Raja radiata). Idler DR, et al. Gen Comp Endocr 13:75-82, Aug 69
Ovarian physiology: relationship between plasma LH and steroidogenesis by the follicle and corpus luteum; effect of HCG. Strott CA, et al.
J Clin Endocr 29:1157-67, Sep 69

ISOLATION & PURIFICATION

The pathways of corticosteroid biosynthesis by homogenates of adrenal tissue from rabbits stimulated with adrenocorticotropin. Fevold HR.
Biochemistry (Wash) 8:3433-9, Aug 69
Biosynthesis of 6 beta- and 6 alpha-hydroxyprogesterone in the human foetal liver. Lisboa BP, et al. Europ J Biochem 9:503-6, Jul 69

METABOLISM

Studies on steroid metabolism in human endometrial tissue. Collins WP, et al. Biochem J 113:399-407, Jun 69
The pathways of corticosteroid biosynthesis by homogenates of adrenal tissue from rabbits stimulated with adrenocorticotropin. Fevold HR.
Biochemistry (Wash) 8:3433-9, Aug 69
A comparative study of steroid biosyntheses in vitro. In clear cell adenoma and its adjacent tissue of human adrenal gland. Tamaoki BI.
Endocr Jap 16:47-54, Feb 69
Effect of ergocornine on the luteal 20alpha-hydroxysteroid dehydrogenase in pseudopregnant and pregnant rats. Turolla E, et al.
Experientia 25:415-6, 15 Apr 69
Metabolism of progesterone by rattesticular homogenates. 3. Inhibitory effects of intermediates and other steroids. Nayfeh SN, et al.
Steroids 14:269-83, Sep 69

PHARMACODYNAMICS

Natriuretic activity of 16-alpha-hydroxyprogesterone in man. Jacobs DR.
Acta Endocr (Kobenhavn) 61:275-82, Jun 69
Progestational agents. Brit Med J 1:344-6, 9 Aug 69
[Some experiences with the effect of injectable progestational hormones] Stěrba R.
Cesk Gynek 34:407-9, Sep 69 (Cze)

SECRETION

Steroid secretion in vivo in rats bred for high and low juxtaglomerular granularity. Rapp JP.
Endocrinology 85:909-15, Nov 69

THERAPEUTIC USE

[Clinical use of concurrent antagonists of aldosterone in patients with cardiac insufficiency] Smolenskiĭ VS, et al. Kardiologiia 9:13-9, Jun 69 (Rus)

LYNESTRENOL

ADMINISTRATION & DOSAGE

Studies with 4-14C-lynestrenol in normal and lactating women. Van der Molen HJ, et al.
Acta Endocr (Kobenhavn) 61:255-74, Jun 69

The effect of 0.5 mg lynestrenol on the follicle stimulating hormone, luteinizing hormone, oestrogen and pregnanediol excretion during the menstrual cycle. Schmidt-Elmendorff H, et al.
Arzneimitteiforschung 19:1277-9, Aug 69

[Clinical study of a mestranol lynestrenol combination of 1 mg. (preliminary report)] Mateos Cándano M, et al. Ginec Obstet Mex 24:647-53, Jun 69 (Spa)

ADVERSE EFFECTS

Influence of oral contraceptives on the presence and persistence of Candida albicans and beta-haemolytic streptococci in the vagina. Morris CA.
J Clin Path 22:488-91, Jul 69

Chromosomes and an oral contraceptive (Lyndiol 2.5). Timson J. J Reprod Fertil 19:581-3, Aug 69

Oral contraceptives and hypetension. McEwan J.
Lancet 2:594, 13 Sep 69

[Cerebral thrombosis during oral contraception] Gregersen M, et al. Nord Med 81:946-8, 31 Jul 69 (Dan)

[Detection of a terrain of familial hyperlipemia in 2 women who, before the age of 30 years, were victims of a cerebral vascular accident while under treatment with hormonal contraceptives] Gennes JL de, et al.
Bull Acad Nat Med (Paris) 151:450-62, 20 Jun 67 (Fre)

ANALYSIS

Studies with 4-14C-lynestrenol in normal and lactating women. Van der Molen HJ, et al.
Acta Endocr (Kobenhavn) 61:255-74, Jun 69

BLOOD

Studies with 4-14C-lynestrenol in normal and lactating women. Van der Molen HJ, et al.
Acta Endocr (Kobenhavn) 61:255-74, Jun 69

PHARMACODYNAMICS

Systematic investigations on the influence of a contraceptive on some biochemical parameters of fat and carbohydrate metabolism. Seng P, et al.
Acta Endocr (Kobenhavn) 62:181-92, Sep 69

Clinical, biochemical, and experimental studies on lactation. II. Clinical effects of gestagens on lactation. Kamal I, et al. Amer J Obstet Gynec 105:324-34, 1 Oct 69

[Modification of glucose tolerance and plasma insulin concentration by ovulation inhibitors] Waldhäusl W, et al. Geburtsh Frauenheilk 29:611-7, Jul 69 (Ger)

[Histological and electron microscopic studies on hypophysectomized rats treated with lynestrenol] Th F, et al. Z Geburtsh Gynaek 170:257-64, 1969 (Ger)

[The influence of sistometril on the LH excretion in the urine of women with menstruation disorders] Wawryk R, et al. Ginek Pol 40:903-10, Aug 69 (Pol)

THERAPEUTIC USE

[Drug therapy of endometriosis] Husslein H.
Arch Gynaek 207:265-71, 1969 (Ger)

[Surgical and long-term lynestrenol treatment of endometriosis] Korte W, et al.
Arch Gynaek 207:271-2, 1969 (Ger)

URINE

Studies with 4-14C-lynestrenol in normal and lactating women. Van der Molen HJ, et al.
Acta Endocr (Kobenhavn) 61:255-74, Jun 69

MEDROXYPROGESTERONE

ADMINISTRATION & DOSAGE

Induction of implantation of blastocysts transferred to ovariectomized mice. Humphrey KW.
J Endocr 44:299-305, Jul 69

[The "sequential" method with a new estrogen-progesterone combination in ovulation control] Bailo U, et al.
Minerva Ginec 20:1885-7, 15 Dec 68 (Ita)

ADVERSE EFFECTS

Oral contraceptive medications and vulvovaginal candidiasis. Diddle AW, et al.
Obstet Gynec 34:373-7, Sep 69

[Clinical use of concurrent antagonists of aldosterone in patients with cardiac insufficiency] Smolenskiĭ VS, et al. Kardiologiia 9:13-9, Jun 69 (Rus)

PHARMACODYNAMICS

Concentration of luteinizing and follicle-stimulating hormones in peripheral and ovarian venous plasma. Llerena LA, et al. J Clin Endocr 29:1083-9, Aug 69

Postcopulatory effects of two antifertility agents on ova transport and implantation. Nutting EF, et al.
Proc Soc Exp Biol Med 131:1326-31, Sep 69

The production of lambs in autumn from a commercial flock in England. Rankin JE, et al.
Vet Rec 85:275-8, 6 Sep 69

[Medroxyprogesterone acetate--a long-acting progesterone. Report on its use as a contraceptive] Rubio B, et al.
Ginec Obstet Mex 24:587-97, Jun 69 (Spa)

[Hormonal inhibition of spermatogenesis in man] Jarpa A, et al. Rev Med Chile 95:495-500, Sep 67 (Spa)

THERAPEUTIC USE

Radioimmunoassayable serum LH and FSH in girls with sexual precocity, premature thelarche and adrenarche. Kenny FM, et al.
J Clin Endocr 29:1272-5, Sep 69

[The "sequential" method with a new estrogen-progesterone combination in ovulation control] Bailo U, et al.
Minerva Ginec 20:1885-7, 15 Dec 68 (Ita)

[Clinical use of concurrent antagonists of aldosterone in patients with cardiac insufficiency] Smolenskiĭ VS, et al. Kardiologiia 9:13-9, Jun 69 (Rus)

MEGESTROL

ADMINISTRATION & DOSAGE

Continuous oral adminisation of megestrolacetate to women. Leusden HA van.
J Reprod Fertil 19:537-9, Aug 69

Experience with sequential and low-dose-progestogen oral contraceptives. Jackson MC.
Lancet 2:540-1, 6 Sep 69

[Problems of the statistical evaluation of clinical studies on oral contraceptives] Richter RH, et al.
Arch Gynaek 207:28-30, 1969 (Ger)

ADVERSE EFFECTS

Effect of selected estrogens and progestins on human chromosomes in vitro. Stenchever MA, et al.
Obstet Gynec 34:249-51, Aug 69

[A serial method for ovulation inhibition using ethinyl estradiol] McBride WG.
Arzneimitteiforschung 19:1271-3, Aug 69 (Ger)

DIAGNOSTIC USE

Comparison of vaginal epithelium maturation with progestin-withdrawal bleeding as an indication of circulating estrogen. Moszkowski EF, et al.
Obstet Gynec 34:422-3, Sep 69

PHARMACODYNAMICS

Plasma protein changes induced by sequential type of contraceptive steroid pills. Laurell CB, et al.
Clin Chim Acta 25:294-6, Aug 69

[A serial method for ovulation inhibition using ethinyl estradiol] McBride WG.
Arzneimitteiforschung 19:1271-3, Aug 69 (Ger)

MESTRANOL

ADMINISTRATION & DOSAGE

Studies with 4-14C-lynestrenol in normal and lactating women. Van der Molen HJ, et al.
Acta Endocr (Kobenhavn) 61:255-74, Jun 69

[Reminders concerning the current state of our oral contraception] Havránek F.
Cesk Gynek 34:424-5, Sep 69 (Cze)

[Problems of the statistical evaluation of clinical studies on oral contraceptives] Richter RH, et al.
Arch Gynaek 207:28-30, 1969 (Ger)

[Clinical study of a mestranol lynestrenol combination of 1 mg. (preliminary report)] Mateos Cándano M, et al. Ginec Obstet Mex 24:647-53, Jun 69 (Spa)

ADVERSE EFFECTS

Cytohormonal findings in patients using various forms of contraception. Reyniak JV, et al.
Acta Cytol (Balt) 13:315-22, Jun 69

Inappropriate lactation. Cartlidge NE, et al.
Brit Med J 3:529-30, 30 Aug 69

Influence of oral contraceptives on the presence and persistence of Candida albicans and beta-haemolytic streptococci in the vagina. Morris CA.
J Clin Path 22:488-91, Jul 69

Chromosomes and an oral contraceptive (Lyndiol 2.5). Timson J. J Reprod Fertil 19:581-3, Aug 69

Oral contraceptive medications and vulvovaginal candidiasis. Diddle AW, et al.
Obstet Gynec 34:373-7, Sep 69

Effect of selected estrogens and progestins on human chromosomes in vitro. Stenchever MA, et al.
Obstet Gynec 34:249-51, Aug 69

[Primary thrombosis of the subclavian and axillary veins (Paget-v. Schrötter syndrome) during the taking of oral contraceptives] Horvátth I.
Orv Hetil 110:1855-9, 10 Aug 69 (Hun)

PHARMACODYNAMICS

Cytohormonal findings in patients using various forms of contraception. Reyniak JV, et al.
Acta Cytol (Balt) 13:315-22, Jun 69

Systematic investigations on the influence of a contraceptive on some biochemical parameters of fat and carbohydrate metabolism. Seng P, et al.
Acta Endocr (Kobenhavn) 62:181-92, Sep 69

The influence of sex and estrogens on liver kynureninase and kynurenine aminotransferase in the rat. Rose DP, et al.
Biochim Biophys Acta 184:412-9, 30 Jul 69

Respnses of young rats to an oral contraceptive fed with varying levels of pyridoxine. Beare-Rogers JL, et al. Canad J Physiol Pharmacol 47:685-8, Aug 69

Plasma protein changes induced by sequential type of contraceptive steroid pills. Laurell CB, et al.
Clin Chim Acta 25:294-6, Aug 69

Effects of steroids on the release of luteinizing hormone in the rat. Kobayashi F, et al.
Endocr Jap 16:251-60, Apr 69

Serum insulin and growth hormone responses to arginine infusion before and during treatment with contraceptive steroids. Vela P, et al.
J Clin Endocr 29:1212-6, Sep 69

The morphologic effects of oral contraceptive agents on the cervix. Gall SA, et al.
JAMA 207:2243-7, 24 Mar 69

Facilitation of gonadotrophin-induced ovulation in adult rats by estrogens. Husain SM.
Rev Canad Biol 28:137-8, Jun 69

Effect of a progestinestrogen combination (Enovid) on pituitary gonadotrophin and ovulation in rats. Husain SM, et al. Rev Canad Biol 27:431-5, Dec 68

[Reminders concerning the current state of our oral contraception] Havránek F.
Cesk Gynek 34:424-5, Sep 69 (Cze)

[Some experiences with the effect of injectable progestational hormones] Stěrba R.
Cesk Gynek 34:407-9, Sep 69 (Cze)

[Modification of glucose tolerance and plasma insulin concentration by ovulation inhibitors] Waldhäusl W, et al. Geburtsh Frauenheilk 29:611-7, Jul 69 (Ger)

[The influence of sistometril on the LH excretion in the urine of women with menstruation disorders] Wawryk R, et al. Ginek Pol 40:903-10, Aug 69 (Pol)

THERAPEUTIC USE

Primary dysmenorrhea: combination vs sequential therapy. Buttram VC Jr, et al.
Texas Med 65:52-5, Aug 69

[Hemostatic effect of a combination of mestranol and chlorsuperlutin in dysfunctional bleeding] Vořísek P, et al. Cesk Gynek 34:410-2, Sep 69 (Cze)

[Hormonal therapy of acne vulgaris. Ovulation inhibitors in premenstrual acne] Schirren C, et al.
Munchen Med Wschr 111:1742-7, 29 Aug 69 (Ger)

[On the Infekundin treatment of dysfunctional hemorrhage in women in the climacteric] Manuilova IA, et al. Sovet Med 31:25-9, Aug 68 (Rus)

TOXICITY

Cancer of the uterine cervix in mice fed a liquid diet containing an antifertility drug. Dunn TB.
J Nat Cancer Inst 43:671-92, Sep 69

METHANDROSTENOLONE

Vitamin metabolism in chicks. IV. Interrelationship between vitamin A depletion and nitrogen balance in growing cockerels. Gažo M, et al.
Int Z Vitaminforsch 38:459-65, 1968

CHEMICAL SYNTHESIS

[Effect of an anabolic hormone (methandrostenolone) on NADP-enzyme activity in the rat heart] Stepanova NG. Vop Med Khim 15:291-5, May-Jun 69 (Rus)

METABOLISM

[In vitro metabolism of 1-dehydro-methyltestosterone(methandrostenolone) and methyltestosterone in tissues of rats] Pokrovskiĭ BV. Probl Endokr (Moskva) 14:69-72, Jul-Aug 68 (Rus)

PHARMACODYNAMICS

Guinea pig adrenal 3-beta-hydroxysteroid dehydrogenase: is there more than one enzyme? Handler RP, et al. J Clin Endocr 29:1117-9, Aug 69

[On the problem of influencing strength training with anabolic hormones] Weiss U, et al.
Schweiz Z Sportmed 16:79-89, 1968 (Ger)

[A comparison of androgenic and uterotrophic activity of methyltestosterone and methandrostenolone(1-dehydro-methyltestosterone)] Iudaev NA, et al.
Probl Endokr (Moskva) 13:81-6, May-Jun 67 (Rus)

[Effect of an anabolic hormone (methandrostenolone) on NADP-enzyme activity in the rat heart] Stepanova NG. Vop Med Khim 15:291-5, May-Jun 69 (Rus)

THERAPEUTIC USE

Anabolic androgenic steroids in the treatment of acquired aplastic anemia. Sanchez-Medal L, et al.
Blood 34:283-300, Sep 69

Serum protein changes during the acute phase reaction. Werner M. Clin Chim Acta 25:299-305, Aug 69

Methandienone (an anabolic steroid) in iron deficiency anaemia. Elhence GP, et al.
Indian J Med Sci 23:193-5, Apr 69

Experimental design in clinical drug research: some practical implications. Lucchelli PE.
Int Z Klin Pharmakol Ther Toxik 2:30-7, Jan 69

[Contribution to the study of anabolic drugs in hyperlipoproteinemias] Melo E, et al.
Arq Brasil Endocr 16:163-72, Dec 67 (Por)

[Use of anabolic hormones for the treatment of cardiovascular patients] Zharov EI, et al.
Kardiologiia 9:144-53, Jan 69 (98 ref.) (Rus)

METHENOLONE

THERAPEUTIC USE

Anabolic androgenic steroids in the treatment of acquired aplastic anemia. Sanchez-Medal L, et al.
Blood 34:283-300, Sep 69

[Use of anabolic hormones for the treatment of cardiovascular patients] Zharov EI, et al.
Kardiologiia 9:144-53, Jan 69 (98 ref.) (Rus)

METHYLTESTOSTERONE

Solubilization of some steroids in aqueous solutions of a steroidal nonionic surfactant. Thakkar AL, et al. J Pharm Sci 58:850-2, Jul 69

Production of hypertensive vascular disease in the rat by methyltestosterone. Molteni A, et al. Lab Invest 21:129-37, Aug 69

ANALYSIS

[Crystallooptical constants of testosterone and its derivatives] Onishchenko IuV. Farm Zh (Kiev) 24:48-9, 1969 (Ukr)

METABOLISM

[On the alkyl-substituted steroids. V. Testosterone excretion in man after oral administration of 1alpha-methyl-5alpha-androstane-17beta ol-3-one(mesterolone) and 17-alpha-methyl-androst-4-en-17beta-ol-3-one (17 alpha-methyltestosterone)] Gerhards E, et al. Arzneimitteiforschung 19:765-6, May 69 (Ger)

[In vitro metabolism of 1-dehydro-methyltestosterone(methandrostenolone) and methyltestosterone in tissues of rats] Pokrovskiĭ BV. Probl Endokr (Moskva) 14:69-72, Jul-Aug 68 (Rus)

PHARMACODYNAMICS

Uptake and metabolism in vivo of testosterone-1,2-3H by accessory sex organs of male rats; influence of some hormonal compounds. Tveter KJ, et al. Endocrinology 85:683-9, Oct 69

[On the alkyl-substituted steroids. V. Testosterone excretion in man after oral administration of 1alpha-methyl-5alpha-androstane-17beta ol-3-one(mesterolone) and 17-alpha-methyl-androst-4-en-17beta-ol-3-one (17 alpha-methyltestosterone)] Gerhards E, et al. Arzneimitteiforschung 19:765-6, May 69 (Ger)

[Use of anabolic hormones for the treatment of cardiovascular patients] Zharov EI, et al. Kardiologiia 9:144-53, Jan 69 (98 ref.) (Rus)

[A comparison of androgenic and uterotrophic activity of methyltestosterone and methandrostenolone(1-dehydro-methyltestosterone)] Iudaev NA, et al. Probl Endokr (Moskva) 13:81-6, May-Jun 67 (Rus)

POISONING

[Severe toxic hepatitis] Pallard P, et al. Sem Hop Paris 45:2077-84, 26 Jun 69 (Fre)

THERAPEUTIC USE

Extensive muscle necrosis after long-term treatment with aminocaproic acid (EACA) in a case of hereditary periodic edema. Korsan-Bengtsen K, et al. Acta Med Scand 185:341-6, Apr 69

Progress in the treatment of advanced breast cancer. Calif Med 111:38-45, Jul 69

Abnormal height in children. Hamilton W. Develop Med Child Neurol 11:521-4, Aug 69

NANDROLONE

ADVERSE EFFECTS

Progestational agents. Brit Med J 1:344-6, 9 Aug 69

CHEMICAL SYNTHESIS

[Total synthesis of 8-iso 19-nor testosterone and 8,10-di iso 19-nor testosterone] Bucourt R, et al. Bull Soc Chim France 6:1920-5, Jun 69 (Fre)

METABOLISM

Metabolism of steroid drugs. I. Different stereospecific hydrogenation of 19-nortestosterone enantiomers by Mycobacterium smegmatis. Schubert K, et al. Steroids 14:297-300, Sep 69

PHARMACODYNAMICS

Influence of pretreatment with testosterone and nandrolone on the reactivity of guinea-pig isolated seminal vesicles to angiotensin and tyramine. Gascon AL, et al. J Pharm Pharmacol 21:325-6, May 69

[Use of anabolic hormones for the treatment of cardiovascular patients] Zharov EI, et al. Kardiologiia 9:144-53, Jan 69 (98 ref.) (Rus)

THERAPEUTIC USE

Effect of anabolics (Durabolin) on peripheral blood values in protein-calorie deficiency. Nassa S, et al. Paediat Indonesia 9:43-50, May-Apr 69

[Contributions to the treatment of pancytopenia] Burdea M, et al. Rev Medicochir Iasi 73:445-53, Apr-Jun 69 (Rum)

[Use of anabolic hormones for the treatment of cardiovascular patients] Zharov EI, et al. Kardiologiia 9:144-53, Jan 69 (98 ref.) (Rus)

NORETHANDROLONE

PHARMACODYNAMICS

Studies on bilirubin production and excretion in mice and rats treated with phenobarbital, chlorpromazine, norethandrolone, acetohexamide or enovid. Roberts RJ, et al. Toxic Appl Pharmacol 15:483-92, Sep 69

[Use of anabolic hormones for the treatment of cardiovascular patients] Zharov EI, et al. Kardiologiia 9:144-53, Jan 69 (98 ref.) (Rus)

NORETHINDRONE

Teratogeny in nonhuman primates, with notes on breeding procedures in Macaca mulatta. Wilson JG, et al. Ann NY Acad Sci 162:267-77, 3 Jul 69

ADMINISTRATION & DOSAGE

Experience with sequential and low-dose-progestogen oral contraceptives. Jackson MC. Lancet 2:540-1, 6 Sep 69

[Contribution of the norsteroids in the treatment of advanced breast cancer] Gorins A, et al. Presse Med 77:817, 3 May 69 (Fre)

ADVERSE EFFECTS

Cytohormonal findings in patients using various forms of contraception. Reyniak JV, et al. Acta Cytol (Balt) 13:315-22, Jun 69

Oral contraceptive medications and vulvovaginal candidiasis. Diddle AW, et al. Obstet Gynec 34:373-7, Sep 69

Effect of selected estrogens and progestins on human chromosomes in vitro. Stenchever MA, et al. Obstet Gynec 34:249-51, Aug 69

PHARMACODYNAMICS

Cytohormonal findings in patients using various forms of contraception. Reyniak JV, et al. Acta Cytol (Balt) 13:315-22, Jun 69

Effect of norethisterone acetate with or without ethinyl oestradiol on the sialic acid concentration and sperm receptivity of the cervical mucus. Carlborg L, et al. Acta Endocr (Kobenhavn) 59:636-43, Dec 68

The morphologic effects of oral contraceptive agents on the cervix. Gall SA, et al. JAMA 207:2243-7, 24 Mar 69

[Action of steroids on oxidoreduction levels of mitochondrial ubiquinone] Boveris AA, et al. C R Soc Biol (Paris) 162:2022-3, May 69 (Fre)

[Comparative study of hormonal influences on the testis and accessory sex organs in rats] Ronzoni G, et al. Chir Pat Sper 15:367-75, Jul-Sep 67 (Ita)

THERAPEUTIC USE

Primary dysmenorrhea: combination vs sequential therapy. Buttram VC Jr, et al. Texas Med 65:52-5, Aug 69

NORETHYNODREL

The preparation of 3-alpha- and 3-beta,17-beta-Dihydroxy-17-alpha-ethynyl-estr-5(10)-ene. Palmer KH, et al. Steroids 14:55-65, Jul 69

ADMINISTRATION & DOSAGE

Experience with sequential and low-dose-progestogen oral contraceptives. Jackson MC.
Lancet 2:540-1, 6 Sep 69

ADVERSE EFFECTS

Oral contraceptive medications and vulvovaginal candidiasis. Diddle AW, et al.
Obstet Gynec 34:373-7, Sep 69

[Primary thrombosis of the subclavian and axillary veins (Paget-v. Schrötter syndrome) during the taking of oral contraceptives] Horvátth I.
Orv Hetil 110:1855-9, 10 Aug 69 **(Hun)**

METABOLISM

Metabolism of progesterone by rattesticular homogenates. 3. Inhibitory effects of intermediates and other steroids. Nayfeh SN, et al.
Steroids 14:269-83, Sep 69

PHARMACODYNAMICS

The influence of sex and estrogens on liver kynureninase and kynurenine aminotransferase in the rat. Rose DP, et al.
Biochim Biophys Acta 184:412-9, 30 Jul 69

Respnses of young rats to an oral contraceptive fed with varying levels of pyridoxine. Beare-Rogers JL, et al. **Canad J Physiol Pharmacol** 47:685-8, Aug 69

The diagnosis of hypercortisolism. Biochemical criteria differentiating patients from lean and obese normal subjects and from females on oral contraceptives. Streeten DH, et al. **J Clin Endocr** 29:1191-211, Sep 69

The morphologic effects of oral contraceptive agents on the cervix. Gall SA, et al.
JAMA 207:2243-7, 24 Mar 69

Effect of a progestinestrogen combination (Enovid) on pituitary gonadotrophin and ovulation in rats. Husain SM, et al. **Rev Canad Biol** 27:431-5, Dec 68

Studies on bilirubin production and excretion in mice and rats treated with phenobarbital, chlorpromazine, norethandrolone, acetohexamide or enovid. Roberts RJ, et al. **Toxic Appl Pharmacol** 15:483-92, Sep 69

THERAPEUTIC USE

[On the Infekundin treatment of dysfunctional hemorrhage in women in the climacteric] Manuilova IA, et al. **Sovet Med** 31:25-9, Aug 68 **(Rus)**

TOXICITY

Cancer of the uterine cervix in mice fed a liquid diet containing an antifertility drug. Dunn TB.
J Nat Cancer Inst 43:671-92, Sep 69

NORMETHANDROLONE

PHARMACODYNAMICS

Antifertility effect of 17 alpha-methyl-B-nortestosterone (SK&F 7690). Saunders HL, et al. **Endocrinology** 85:960-3, Nov 69

Uptake and metabolism in vivo of testosterone-1,2-3H by accessory sex organs of male rats; influence of some hormonal compounds. Tveter KJ, et al.
Endocrinology 85:683-9, Oct 69

THERAPEUTIC USE

Diagnosis and treatment of mastopathy. Márton Z, et al.
Acta Chir Acad Sci Hung 10:93-103, 1969

OXYMETHOLONE

ADVERSE EFFECTS

Oxymetholone in refractory anaemia. McCredie KB.
Brit J Haemat 17:265-73, Sep 69

THERAPEUTIC USE

Anabolic androgenic steroids in the treatment of acquired aplastic anemia. Sanchez-Medal L, et al.
Blood 34:283-300, Sep 69

Oxymetholone in refractory anaemia. McCredie KB.
Brit J Haemat 17:265-73, Sep 69

PREGNANEDIOL

Steroid conjugates. I. Syntheses of 5-beta-pregnane-3-alpha,20-alpha-diol sulphates. Rajagopalan MS, et al.
J Chem Soc [Org] 14:1858-60, 1969

[Prolonged neonatal jaundice due to breast feeding] Fontaine G, et al.
Sem Hop Paris 44:3010-6, 26 Nov 68 **(Fre)**

ANALYSIS

Steroids in germfree and conventional rats. Free steroids in faeces from conventional rats. Eriksson H, et al. **Europ J Biochem** 9:286-90, Jun 69

Quantitation of C19O2 and C21O2 steroid mono- and disulfates in human bile. Laatikainen T, et al.
Steroids 14:119-31, Aug 69

BIOSYNTHESIS

2-Alphahydroxysteroid dehydrogenase and reductive metabolism of progesterone in mammalian cell cultures. Shikita M, et al.
Arch Biochem 133:336-44, Sep 69

[The indices of certain endocrine functions in patients with benign tumors] Ivaniuta LI, et al.
Vrach Delo 12:34-6, Dec 67 **(Rus)**

DIAGNOSTIC USE

[Study of cortisol precursors(21-deoxysteroids and 17-ketosteroids) in the congenital adrenocongenital syndrome] Aznar Reig A, et al.
Rev Clin Esp 111:365-74, 30 Nov 68 **(Spa)**

ISOLATION & PURIFICATION

2-Alphahydroxysteroid dehydrogenase and reductive metabolism of progesterone in mammalian cell cultures. Shikita M, et al.
Arch Biochem 133:336-44, Sep 69

METABOLISM

Steroids in germfree and conventional rats. 21-dehydroxylation by intestinal microorganisms. Eriksson H, et al. **Europ J Biochem** 9:550-4, Jul 69

Metabolism of neutral steroids in the human fetus. I. Distribution of radioactive material in the previable human fetus after administration of progesterone-4-14C. Maeyama M, et al.
Steroids 14:144-50, Aug 69

[Apropos of the suppression of the ovulation by pure estrogens] Hontela S.
Bull Fed Gynec Obstet Franc 19:101-5, Apr-May 67 **(Fre)**

SECRETION

[Comparative evaluation of colpocyto-hormonal and clinico histological data in patients with uterine myoma] Lesakova AS, et al.
Akush Ginek (Moskva) 43:41-6, Apr 67 **(Rus)**

URINE

Diagnosis and treatment of mastopathy. Márton Z, et al.
Acta Chir Acad Sci Hung 10:93-103, 1969

Discrepancies between colpocytology and urinary steroid hormone excretion in women treated with clomiphene citrate or gonadotropins for anovulatory sterility. Boquoi E, et al.
Acta Cytol (Balt) 13:332-46, Jun 69

Effect of norethisterone acetate with or without ethinyl oestradiol on the sialic acid concentration and sperm receptivity of the cervical mucus. Carlborg L, et al. **Acta Endocr (Kobenhavn)** 59:636-43, Dec 68

Studies on sex hormone excretion in normal and hirsute women. Ismail AA, et al.
Acta Endocr (Kobenhavn) 61:283-92, Jun 69

Urinary excretion of androstenedione, testosterone, epitestosterone and dehydroepiandrosterone during the normal menstrual cycle. Longhino N, et al.
Acta Endocr (Kobenhavn) 59:644-51, Dec 68

Patterns of urinary FSH excretion during ovulatory and anovulatory menstrual cycles. Persson BH, et al.
Acta Endocr (Kobenhavn) 59:573-8, Dec 68

Contraception by an injectable, long-acting

oestrogen-progestogen agent. Plesner R.
Acta Endocr (Kobenhavn) 61:494-508, Jul 69
Urinary steroid profile during the puerperium. Acevedo HF, et al.
Amer J Obstet Gynec 105:297-303, 1 Oct 69
A clinical and metabolic study of masculinizing arrhenoblastoma. Sato T, et al.
Amer J Obstet Gynec 104:1124-30, 15 Aug 69
The effect of 0.5 mg lynestrenol on the follicle stimulating hormone, luteinizing hormone, oestrogen and pregnanediol excretion during the menstrual cycle. Schmidt-Elmendorff H, et al.
Arzneimittelforschung 19:1277-9, Aug 69
Hormonal activity of "non-functional" ovarian tumours. Bhargava VL, et al.
Aust New Zeal J Obstet Gynaec 9:108-15, May 69
A case of adrenocortical cancer treated with O,P'-DDD. Sakauchi N, et al. Endocr Jap 16:287-90, Apr 69
Regulation of human gonadotropins: VII. Daily individual urinary estrogens, pregnanediol and serum luteinizing and follicle stimulating hormones during the menstrual cycle. Goebelsmann U, et al.
J Clin Endocr 29:1222-30, Sep 69
Simultaneous thin-layer chromatographical determination of pregnanediol and oestriol in urine during late pregnancy. Bang HO, et al.
Nord Med 81:193-9, 31 Jul 69
Management of pemphigus vulgaris during pregnancy. Wells GC, et al. Proc Roy Soc Med 62:666-7, 7 Jul 69
[Method for determining testosterone and epitestosterone in human urine] Drosdowsky MA, et al.
Bull Soc Chim Biol (Paris) 50:1723-37, 30 Jan 69 (Fre)
[Studies concerning the action mechanism of a retrosteroid, RO 4-8347] Béguin F, et al.
Gynaecologia (Basel) 167:450-61, 1969 (Fre)
[Urinary testosterone and epitestosterone in gynecology practice] Ingiulla W, et al.
Rev Franc Endocr Clin 10:109-20, Mar-Apr 69 (Fre)
[Endocrinologic research] Bettendorf G.
Arch Gynaek 207:383-9, 1969 (Ger)
[The central stimuli for follicular ripening and ovulation] Buchholz R.
Arch Gynaek 207:107-23, 1969 (132 ref.) (Ger)
[On the hormonal regulation of tubal motility. In vitro experiments on human tubes] Erb H.
Bibl Gynaec 51:1-87, 1969 (Ger)
[Hormonal influencing of human tubal motility] Erb H, et al. Experientia 25:411-2, 15 Apr 69 (Ger)
[Long term treatment with cyclofenil (Sexovid)] Roth F, et al. Gynaecologia (Basel) 167:462-6, 1969 (Ger)
[Contribution on the therapy of anovulatory sterility with menopausal gonadotropin] Stöckli A.
Gynaecologia (Basel) 167:439-42, 1969 (Ger)
[Hormone studies, treatment methodswith tranquilizers and norsteroids in juvenile metropathy] Tth F, et al. Z Geburtsh Gynaek 170:302-7, 1969 (Ger)
[New endocrine disorders attracting current interest--adrenal system] Miura K, et al.
Clin Endocr (Tokyo) 17:407-21, May 69 (130 ref.) (Jap)
[Study on estrogen, pregnanediol and gonadotropin in patients with an abnormal feeling in the throat] Miyake H. J Otolaryng Jap 72:876-83, Apr 69 (Jap)
[Study of the urinary pregnanediol complex using thin layer chromatography] Vila-Cova ML.
Rev Iber Endocr 16:303-19, Jul-Aug 69 (Por)
[The influence of gestagens on the level of urinary excretion of steroid hormones] Seroshevskiĭ Iu, et al.
Akush Ginek (Moskva) 45:36-9, May 69 (Rus)
[Excretion of estrogens and pregnanediol in women after supravaginal amputation of the uterus with endometrial plastic surgery performed because of fibromyoma] Alekseeva LM, et al.
Probl Endokr (Moskva) 15:37-42, May-Jun 69 (Rus)
[Testosterone in the urine of women] Drobnjak P.
Lijecn Vjesn 90:881-4, Sep 68 (Cro)

PREGNANES

The crystal and molecular structure of 3beta,17alpha-dihydroxy-16beta-bromo-5alpha-pregnan-11,20-dione and its comparison with the related-16beta-bromo-3beta-acetate and -21-bromo-3beta-ol steroids. Ohrt JM, et al.
Acta Crystallogr [B] (Kobenhavn) 25:41-51, 15 Jan 69
The crystal and molecular structure of 3beta,17alpha-dihydroxy-21-bromo-5alpha-pregnan-11,20-dione. Ohrt JM, et al.
Acta Crystallogr [B] (Kobenhavn) 24:824-30, 15 Jun 68
[Steroid alkaloids. XCI (1). Substitutions and eliminations of tosyloxy-17-alpha-beta D-homo steroids in different solvents. Stereospecific syntheses of amino-17-alpha and hydroxy-17-alpha D-homo steroids] Leboeuf M, et al.
Bull Soc Chim France 6:2100-9, Jun 69 (Fre)
[Steroid alkaloids. 88. Substitutions, eliminations and transpositions of tosyloxy-20 steroids. 3. The transposition of D-homo] Leboeuf M, et al.
Bull Soc Chim France 5:1628-32, May 69 (Fre)
[Steroid alkaloids. LXXXVI. Substitutions, eliminations and transpositions of tosyloxy-20 steroids. I. Role of hexamethylphosphotriamide (HMPT) in substitution and elimination] Leboeuf M, et al. Bull Soc Chim France 5:1619-24, May 69 (Fre)
[Steroid alkaloids. LXXXVII. Substitutions, eliminations and transpositions of tosyloxy-20 steroids. 2. Eliminations] Leboeuf M, et al.
Bull Soc Chim France 5:1624-8, May 69 (Fre)
[On 9-beta,10-alpha-steroids. 4. Structure elucidation from microbiological reaction products] Els H, et al.
Helv Chim Acta 52:1157-64, 1969 (Ger)
[Change in sexual specificity with respect to the reduction of androstenedione by hydrogen from estradiol-17beta in rat liver following feminization by cyproterone acetate] Wenzel M, et al.
Hoppe Seyler Z Physiol Chem 350:791-2, Jun 69 (Ger)

ADMINISTRATION & DOSAGE

Continuous oral adminisation of megestrolacetate to women. Leusden HA van.
J Reprod Fertil 19:537-9, Aug 69

ANALYSIS

Quantitation of C19O2 and C21O2 steroid mono- and disulfates in human bile. Laatikainen T, et al.
Steroids 14:119-31, Aug 69
The presence of the adult-type pattern of adrenal steroids in the one day old rat. Philpott JE, et al.
Steroids 14:21-31, Jul 69
[Experimental studies of new corpus luteum steroids] Lange-Sundermann K.
Arzneimittelforschung 19:756-61, May 69 (Ger)
[A reaction for the determination of testosterone in extracts of body fluids] Ittrich G.
Hoppe Seyler Z Physiol Chem 350:513-6, Apr 69 (Ger)

ANTAGONISTS & INHIBITORS

Inhibition of anesthetics and sedative actions by spironolactone. Selye H, et al.
Anesthesiology 31:261-4, Sep 69

BIOSYNTHESIS

2-Alphahydroxysteroid dehydrogenase and reductive metabolism of progesterone in mammalian cell cultures. Shikita M, et al.
Arch Biochem 133:336-44, Sep 69
Specific transfer of hydrogen from estradiol to progesterone as a regulating principle for progesterone metabolism in the liver of the female rat. Wenzel M, et al. J Biol Chem 244:4523-5, 10 Sep 69
[Synthesis in vitro of 18-hydroxycorticosterone and aldosterone by 3 adenomas of the adrenal glomerula zone (Conn's syndrome) I. Conversion output] Legrand JC, et al.
Bull Soc Chim Biol (Paris) 51:307-20, 26 Jun 69 (Fre)
[Synthesis in vitro of 18 hydroxycorticosterone and aldosterone by 3 adenomas of the adrenal glomerula zone (conn's syndrome) II. Metabolic routes] Zogbi F, et al.
Bull Soc Chim Biol (Paris) 51:321-6, 26 Jun 69 (Fre)
[Synthesis of steroids beginning with Na-1-14C acetate by wild hamster (Cricetus cricetus L.) adrenal cortex and brown fat in organ culture] Linck G, et al.
J Physiol (Paris) 60:Suppl 2:490, 1968 (Fre)
[Steroid-specific dehydrogenase systems in human placenta] Cherniavskaia MA, et al.
Biokhimiia 34:356-8, Mar-Apr 69 (Rus)

BLOOD

Secretion of progesterone and 20alpha-dihydroprogesterone by corpora lutea and interstitial tissue of pregnant rabbits. Endo H, et al.
J Endocr 44:455-6, Jul 69
Hepatic and extrahepatic steroid metabolism in extracorporeal circulation with and without

hypothermia in dogs. Milcu SM, et al.
Rev Roum Physiol 6:99-105, 1969
Position of the sulfate group in steroid sulfates from human plasma. Cronholm T. Steroids 14:285-96, Sep 69

CHEMICAL SYNTHESIS

A study of the Henbest reduction: the preparation of 3-alpha-hydroxy-5-alpha-and 3-beta-hydroxy-5-beta-steroids. Browne PA, et al.
J Chem Soc [Org] 12:1653-9, 1969

DIAGNOSTIC USE

Comparison of vaginal epithelium maturation with progestin-withdrawal bleeding as an indication of circulating estrogen. Moszkowski EF, et al.
Obstet Gynec 34:422-3, Sep 69

ISOLATION & PURIFICATION

2-Alphahydroxysteroid dehydrogenase and reductive metabolism of progesterone in mammalian cell cultures. Shikita M, et al.
Arch Biochem 133:336-44, Sep 69
Specific transfer of hydrogen from estradiol to progesterone as a regulating principle for progesterone metabolism in the liver of the female rat. Wenzel M, et al. J Biol Chem 244:4523-5, 10 Sep 69
Further studies of cortisol production rate. Fukushima DK, et al. J Clin Endocr 29:1042-5, Aug 69

METABOLISM

The pathways of corticosteroid biosynthesis by homogenates of adrenal tissue from rabbits stimulated with adrenocorticotropin. Fevold HR.
Biochemistry (Wash) 8:3433-9, Aug 69
Steroids in germfree and conventional rats. 21-dehydroxylation by intestinal microorganisms. Eriksson H, et al. Europ J Biochem 9:550-4, Jul 69
Unusual pathways of aldosterone biosynthesis in the rabbit adrenal. Fazekas AG, et al.
Steroids 14:161-77, Aug 69
[Westfalen-Lettré rearrangements of 16-alpha-methyl-3,4-dihydrocorticosterone structures] Kieslich K, et al.
Liebig Ann Chem 726:152-60, 1969 (Ger)
[Deacetylation of steroid acetates by Proactinomyces turbata] Zaretskaia II, et al.
Mikrobiologiia 37:430-2, May-Jun 68 (Rus)

PHARMACODYNAMICS

Testosterone metabolism in the rat ventral prostate. Belham JE, et al.
Biochim Biophys Acta 187:159-62, 29 Jul 69
A positive feedback action of androgen on pituitary follicle stimulating hormone: induction of a cyclic phenomenon. Johnson DC, et al.
Endocrinology 85:881-5, Nov 69
Antifertility effect of 17 alpha-methyl-B-nortestosterone (SK&F 7690). Saunders HL, et al. Endocrinology 85:960-3, Nov 69
The reproductive tract of males delivered by rats given cyproterone acetate from days 7 to 21 of pregnancy. Forsberg JG, et al. J Endocr 44:461-2, Jul 69
The effect of two synthetic steroids on the ultrastructure of the liver of rattus norvegicus l. Hines WJ. J Pharm Pharmacol 21:509-13, Aug 69
Antagonistic action of anti-androgens on the formation of a specific dihydrotestosterone-receptor protein complex in rat ventral prostate. Fang S, et al.
Molec Pharmacol 5:428-31, Jul 69
[Action of cyproterone on plasma binding and metabolism of testosterone] Guillemant S, et al.
C R Acad Sci [D] (Paris) 268:2595-7, 28 May 69 (Fre)
[A serial method for ovulation inhibition using ethinyl estradiol] McBride WG.
Arzneimittelforschung 19:1271-3, Aug 69 (Ger)
[Fluorescence microscopy studies on the hypothalamus of male rats following treatment with an active anti-androgenic substance] Meinhardt DW, et al. Experientia 25:643, 15 Jun 69 (Ger)
[On the question of the systemic effect of fluprednyliden-21-acetate cream following application of increasing quantities] Peter G, et al.
Int Z Klin Pharmakol Ther Toxik 2:83-6, Jan 69 (Ger)

SECRETION

Ovarian secretion of progesterone and 20alpha-hydroxypregn-4-en-3-one during rat estrous cycle in chronological relation to pituitary release of luteinizing hormone. Uchida K, et al.
Endocr Jap 16:227-37, Apr 69

THERAPEUTIC USE

Psoriatic erythrodermia successfully treated by locacorten tar with occlusive dressings. Feuerman EJ, et al. Dermatologica (Basel) 139:225-8, 1969
[Experimental studies of new corpus luteum steroids] Lange-Sundermann K.
Arzneimittelforschung 19:756-61, May 69 (Ger)
[Attempts of modification of pre- and postpartal edemas in cattle with progestational hormones] Günzler O, et al.
Deutsch Tieraerztl Wschr 76:396-402, 1 Aug 69 (Ger)
[Result of "Ultralan" therapy of some dermatoses] Costea V, et al.
Rev Medicochir Iasi 73:441-4, Apr-Jun 69 (Rum)

TOXICITY

[Experimental studies of new corpus luteum steroids] Lange-Sundermann K.
Arzneimittelforschung 19:756-61, May 69 (Ger)

URINE

On the configuration of naturally occurring steroid N-acetylglucosaminides. Matsui M, et al.
Biochemistry (Wash) 8:2997-3000, Jul 69
A simple method for separate determination of the main 17,21-dihydroxy-20-ketosteroids. Pieterse EW, et al. Clin Chim Acta 25:243-6, Aug 69
Biosynthesis of 6 beta- and 6 alpha-hydroxyprogesterone in the human foetal liver. Lisboa BP, et al. Europ J Biochem 9:503-6, Jul 69
Further studies of cortisol production rate. Fukushima DK, et al. J Clin Endocr 29:1042-5, Aug 69
Metabolism of cortisol in Cushing's syndrome. Ghosh PC, et al. Steroids 14:369-80, Sep 69
[Addison disease and mineralotropic function evaluated in 10 patients by static and dynamic determinations of the urinary tetrahydroaldosterone] Schaison G, et al.
Rev Franc Endocr Clin 10:221-31, May-Jun 69 (Fre)

PREGNENOLONE

Reexamination of enzyme activities thought to show evidence of a coenzyme role for vitamin A. Rogers WE Jr. Amer J Clin Nutr 22:1003-13, Aug 69
Influence of physical and chemical treatments upon the microsomal enzymes of testes related to androgen biosynthesis. Machino A, et al.
Endocr Jap 16:37-46, Feb 69

ANALYSIS

Effect of prolactin and 5-bromo-2-thienyl-ethyl ketone thiosemicarbazone on ovarian progestin levels in the rat. Mason NR, et al. Endocrinology 85:831-6, Nov 69
Steroids in germfree and conventional rats. Free steroids in faeces from conventional rats. Eriksson H, et al. Europ J Biochem 9:286-90, Jun 69
Quantitation of C19O2 and C21O2 steroid mono- and disulfates in human bile. Laatikainen T, et al.
Steroids 14:119-31, Aug 69

BIOSYNTHESIS

The side-chain cleavage of cholesterol and cholesterol sulfate by enzymes from bovine adrenocortical mitochondria. Young DG, et al.
Biochemistry (Wash) 8:2987-97, Jul 69
1-14C-acetyl-coenzyme A as steroid precursor in the monkey adrenal in vitro. Knapstein P, et al.
Experientia 25:364-5, 15 Apr 69
Two cases of germinal aplasia: plasma concentration and in vitro biosynthesis of androgens. Conti C, et al.
Folia Endocr (Roma) 21:404-11, Aug 68
3',5'-cyclic AMP and the adrenal desmolase system. Cohen MP, et al.
Proc Soc Exp Biol Med 131:1267-70, Sep 69
[Aspects of steroid biosynthesis in normal human

testes] Sciarra F, et al.
Folia Endocr (Roma) 21:412-22, Aug 68 (Ita)

DIAGNOSTIC USE

[Placental insufficiency] Thomsen K.
Arch Gynaek 207:401-5, 1969 (Ger)

ISOLATION & PURIFICATION

The side-chain cleavage of cholesterol and cholesterol sulfate by enzymes from bovine adrenocortical mitochondria. Young DG, et al.
Biochemistry (Wash) 8:2987-97, Jul 69

METABOLISM

Metabolism of 16alpha-hydroxy-pregnenolone and 17alpha-hydroxy-pregnenolone in the foeto-placental unit and mother at midgestation. Reynolds JW, et al.
Acta Endocr (Kobenhavn) 61:533-50, Jul 69
Effect of vitamin A on enzymic conversion of the delta-5-3-beta-hydroxy- into delta-4-3-oxosteroids by adrenals of the rat. Grangaud R, et al.
Amer J Clin Nutr 22:991-1002, Aug 69
Biosynthesis of bufadienolides--3-beta-hydroxycholanates as precursors in Bufo marinus bufadienolides synthesis. Chen C, et al. Biochem Pharmacol 18:1797-802, Aug 69
The pathways of corticosteroid biosynthesis by homogenates of adrenal tissue from rabbits stimulated with adrenocorticotropin. Fevold HR.
Biochemistry (Wash) 8:3433-9, Aug 69
A comparative study of steroid biosyntheses in vitro. In clear cell adenoma and its adjacent tissue of human adrenal gland. Tamaoki BI.
Endocr Jap 16:47-54, Feb 69
Effect of prolactin and 5-bromo-2-thienyl-ethyl ketone thiosemicarbazone on ovarian progestin levels in the rat. Mason NR, et al. Endocrinology 85:831-6, Nov 69
Steroid metabolism by badger (Taxidea taxus) ovarian tissue homogenates. Fevold HR, et al.
Gen Comp Endocr 13:60-7, Aug 69
Guinea pig adrenal 3-beta-hydroxysteroid dehydrogenase: is there more than one enzyme? Handler RP, et al. J Clin Endocr 29:1117-9, Aug 69
Steroidogenesis in a case of hydatidiform mole. Coutts JR, et al. J Endocr 44:335-48, Jul 69
Steroid hormone transformations by endocrine organs from pregnant mammals. V. The biosynthesis and metabolism of progesterone and estrogens by orangutan placental tissue in vitro. Ainsworth L, et al.
Steroids 14:301-14, Sep 69
A preliminary report on the intermediates in the conversion in vitro of cholesterol to pregnenolone in adrenal preparations. Burstein S, et al.
Steroids 14:207-17, Aug 69
[Placental insufficiency] Thomsen K.
Arch Gynaek 207:401-5, 1969 (Ger)
[Steroid-specific dehydrogenase systems in human placenta] Cherniavskaia MA, et al.
Biokhimiia 34:356-8, Mar-Apr 69 (Rus)
[Transformation of steroids by some thermophilic microorganisms] Kogan LM, et al.
Mikrobiologiia 37:628-35, Jul-Aug 68 (Rus)

PHARMACODYNAMICS

[Synthetic compounds with digitalis-like effects] Kroneberg G.
Naunyn Schmiedeberg Arch Pharm 263:46-59, 1969 (Ger)

URINE

Metabolism of 16alpha-hydroxy-pregnenolone and 17alpha-hydroxy-pregnenolone in the foeto-placental unit and mother at midgestation. Reynolds JW, et al.
Acta Endocr (Kobenhavn) 61:533-50, Jul 69
Urinary steroid profile during the puerperium. Acevedo HF, et al.
Amer J Obstet Gynec 105:297-303, 1 Oct 69

PROGESTATIONAL HORMONES

Practically applicable results of twenty years of research in endocrinology. Tausk M.
Fortschr Arzneimitteiforsch 12:137-64, 1968 (130 ref.)
[Gestagens] Pigeaud H.
Maroc Med 47:291-5, Apr 67 (Fre)
[Changes in the endometrium caused by retrosteroid RO-4-8347] Herzer H, et al.
Gynaecologia (Basel) 168:1-24, 1969 (Ger)

ADMINISTRATION & DOSAGE

Progestogen-only oral contraceptives. Cox HJ.
Brit Med J 3:471-2, 23 Aug 69
Progestational agents. Brit Med J 1:344-6, 9 Aug 69
Plasma protein changes induced by sequential type of contraceptive steroid pills. Laurell CB, et al.
Clin Chim Acta 25:294-6, Aug 69
Continuous oral adminisation of megestrolacetate to women. Leusden HA van.
J Reprod Fertil 19:537-9, Aug 69
Experience with sequential and low-dose-progestogen oral contraceptives. Jackson MC.
Lancet 2:540-1, 6 Sep 69

ADVERSE EFFECTS

An evaluation of depression as a side effect of oral contraceptives. Lewis A, et al.
Brit J Psychiat 115:697-701, Jun 69
Progestational agents. Brit Med J 1:344-6, 9 Aug 69
Experience with sequential and low-dose-progestogen oral contraceptives. Jackson MC.
Lancet 2:540-1, 6 Sep 69
Effect of selected estrogens and progestins on human chromosomes in vitro. Stenchever MA, et al.
Obstet Gynec 34:249-51, Aug 69
[Happy effect of an unhappy indication for progestational hormones] Ruf H, et al.
Bull Fed Gynec Obstet Franc 19:132-3, Apr-May 67 (Fre)
[Estroprogestational hormones in dermatology] Chanial G, et al.
Bull Soc Franc Derm Syph 76:125-30, 1969 (Fre)
[Severe hepatitis and synthetic progesteroids] Routier G, et al. J Sci Med Lille 85:229-34, Apr 67 (Fre)
[Gestagens] Pigeaud H.
Maroc Med 47:291-5, Apr 67 (Fre)

ANALYSIS

Microfluorometric determination of 4-pregnen-20alpha-ol-3-one separated from rat ovarian venous blood and ovary by divided thin layer chromatography. Hiral M, et al.
Endocr Jap 16:55-68, Feb 69
Identification of 17alpha, 20alpha-dihydroxypregn-4-en-3-one produced from 17alpha-hydroxyprogesterone by a soluble enzyme of porcine testes. Shikita M, et al.
Endocr Jap 16:11-6, Feb 69
Ovarian secretion of progesterone and 20alpha-hydroxypregn-4-en-3-one during rat estrous cycle in chronological relation to pituitary release of luteinizing hormone. Uchida K, et al.
Endocr Jap 16:227-37, Apr 69
Quantitative separation of progestins and estrogens from anovulatory formulations. Fernández AA, et al.
J Pharm Sci 58:740-4, Jun 69
Selective colorimetric determination of ethynodiol diacetate in oral estrogen-progestin combination. Pasini R, et al. J Pharm Sci 58:872-4, Jul 69

DIAGNOSTIC USE

Comparison of vaginal epithelium maturation with progestin-withdrawal bleeding as an indication of circulating estrogen. Moszkowski EF, et al.
Obstet Gynec 34:422-3, Sep 69

PHARMACODYNAMICS

The influence of sex and estrogens on liver kynureninase and kynurenine aminotransferase in the rat. Rose DP, et al.
Biochim Biophys Acta 184:412-9, 30 Jul 69
Plasma protein changes induced by sequential type of contraceptive steroid pills. Laurell CB, et al.
Clin Chim Acta 25:294-6, Aug 69
The effect of two synthetic steroids on the ultrastructure of the liver of rattus norvegicus l. Hines WJ. J Pharm Pharmacol 21:509-13, Aug 69
Effects of oestrogen and progestagen on the composition of human milk. Toaff R, et al.
J Reprod Fertil 19:475-82, Aug 69
The morphologic effects of oral contraceptive agents

on the cervix. Gall SA, et al.
JAMA 207:2243-7, 24 Mar 69
Some effects of oral contraceptives on carbohydrate metabolism. Wynn V, et al. Lancet 2:761-5, 11 Oct 69
Fasting serum triglyceride, cholesterol, and lipoprotein levels during oral-contraceptive therapy. Wynn V, et al. Lancet 2:756-60, 11 Oct 69
Metabolic effects of oral contraceptives.
Lancet 2:783-4, 11 Oct 69
Endocrine activities of some novel steroids. McKinney GR, et al. Steroids 14:91-5, Aug 69
[Modification of insulin secretion in female dogs receiving synthesized progestational hormones daily] Orsetti A, et al.
C R Soc Biol (Paris) 162:2193-5, 1968 (Fre)
[Estrogens and progestagens] Grégoire L.
Rev Med Liege 22:220, 15 Apr 67 (Fre)
[Changes of the ovarian and uterine blood vessels following administration of progestational substances] Berge BS ten.
Arch Gynaek 207:52-3, 1969 (Ger)
[Endogenous and exogenous influences on the ovarian function and embryonal development] Smidt D.
Arch Gynaek 207:155-64, 1969 (Ger)
[Functional interactions between uterine tube and fertilized egg] Stegner HE.
Arch Gynaek 207:136-54, 1969 (64 ref.) (Ger)
[Medicinal ovulation induction] Zander J.
Arch Gynaek 207:406-9, 1969 (Ger)
[A serial method for ovulation inhibition using ethinyl estradiol] McBride WG.
Arzneimittelforschung 19:1271-3, Aug 69 (Ger)
[Hormonal contraception] Kohoutek M, et al.
Sborn Ved Prac Lek Fak Karlov Univ 11:691-5, 1968 (Ger)
[Effect of synthetic progestagens on the endometrium of healthy women] Sternadel Z, et al.
Ginek Pol 40:677-84, Jun 69 (Pol)
[Morphological study of the human ovary as affected by various steroids and the intrauterine device, used to control fertility] Zañartu J, et al.
Rev Med Chile 95:512-21, Sep 67 (Spa)

THERAPEUTIC USE

Progestational agents. Brit Med J 1:344-6, 9 Aug 69
Progestational agents and endometriosis. Kistner RW.
Obstet Gynec 34:457-8, Sep 69
Significance of Hormofort therapy and hormone-cytological examinations in cyclic disorders in puberty. Boros S, et al. Ther Hung 17:30-5, 1969
[Happy effect of an unhappy indication for progestational hormones] Ruf H, et al.
Bull Fed Gynec Obstet Franc 19:132-3, Apr-May 67 (Fre)
[Estroprogestational hormones in dermatology] Chanial G, et al.
Bull Soc Franc Derm Syph 76:125-30, 1969 (Fre)
[Treatment of amenorrheas and oligomenorrheas with the retrosteroid RO 4-8347] Gerhard I, et al.
Gynaecologia (Basel) 168:25-39, 1969 (Fre)
[Gestagens] Pigeaud H.
Maroc Med 47:291-5, Apr 67 (Fre)
[Estrogens and progestagens] Grégoire L.
Rev Med Liege 22:220, 15 Apr 67 (Fre)
[Drug therapy of endometriosis] Husslein H.
Arch Gynaek 207:265-71, 1969 (Ger)
[Clinical findings of ovarian carcinoma] Kepp R.
Arch Gynaek 207:272-81, 1969 (Ger)
[Changes in the endometrium caused by retrosteroid RO-4-8347] Herzer H, et al.
Gynaecologia (Basel) 168:1-24, 1969 (Ger)
[Treatment with sex hormones--pharmacology] Kramer M. Z Allgemeinmed 45:660-9, 20 May 69 (Ger)
[Clinical studies with synthetic gestagens] Tóth F, et al. Orv Hetil 110:1723-7, 27 Jul 69 (Hun)
[Drug therapy in hypogalactia] Sapák K.
Bratisl Lek Listy 52:67-71, Jul 69 (Slo)

PROGESTERONE

The crystal and molecular structure of 12alpha-bromo-11beta-hydroxyprogesterone. Cooper A, et al.
Acta Crystallogr [B] (Kobenhavn) 24:811-24, 15 Jun 68
Crystal and molecular structure of beta-bromoprogesterone. Gopalakrishna EM, et al.
Acta Crystallogr [B] (Kobenhavn) 25:639-47, 15 Apr 69
Influence of sex hormones on gastric acid secretion in the guinea pig. Katz S, et al.
Amer J Physiol 217:370-5, Aug 69
Interactions of hormonal steroids with nucleic acids. II. Structural and thermodynamic aspects of binding. Cohen P, et al. Biochemistry (Wash) 8:3603-9, Sep 69
Inhibitors of the catalytic activity of bovine adrenal glucose-6-phosphate dehydrogenase. Criss WE, et al.
Biochim Biophys Acta 184:486-94, 2 Sep 69
Dietary regulation of glycolytic enzymes. IV. Stifel FB, et al. Biochim Biophys Acta 184:495-502, 2 Sep 69
Steroid hormone binding to a macromolecule from hepatoma tissue culture cells. Gardner RS, et al.
J Biol Chem 244:4761-7, 10 Sep 69
Interactions of hormonal steroids with nucelic acids. I. A specific requirement for guanine. Cohen P, et al.
Proc Nat Acad Sci USA 63:458-64, Jun 69
[Clinical studies of a new corpus luteum steroid] Lange-Sundermann K.
Arzneimittelforschung 19:1273-7, Aug 69 (Ger)
[Experimental studies of new corpus luteum steroids] Lange-Sundermann K.
Arzneimittelforschung 19:756-61, May 69 (Ger)

ADMINISTRATION & DOSAGE

The metabolism of small and of large amounts of progesterone in man. Harkness RA, et al.
Acta Endocr (Kobenhavn) 60:221-36, Feb 69
Prophylactic treatment of migraine with flumedroxone. Lundberg PO.
Acta Neurol Scand 45:309-26, 1969
Effect of lut-ovocyclin on some testicular enzymes of the Indian desert gerbil Meriones hurrianae Jerdon. Singh K, et al. Endocr Jap 16:149-55, Feb 69
Induction of implantation of blastocysts transferred to ovariectomized mice. Humphrey KW.
J Endocr 44:299-305, Jul 69
Metabolism of neutral steroids in the human fetus. I. Distribution of radioactive material in the previable human fetus after administration of progesterone-4-14C. Maeyama M, et al.
Steroids 14:144-50, Aug 69
[Some experiences with the effect of injectable progestational hormones] Stěrba R.
Cesk Gynek 34:407-9, Sep 69 (Cze)
[Therapy experiments on autochthonic mammary carcinoma in rats] Fretz J, et al.
Arzneimittelforschung 19:1291-5, Aug 69 (Ger)
[Experience with a long acting pregestinic] Sensi G, et al. Riv Ostet Ginec 22:772-9, 10 Oct 67 (Ita)
[Inhibition of ovulation by means of estrogen depot and gestagen depot] Hashiguchi A.
Sanfujin Jissai 18:334-9, Apr 69 (Jap)
[Clinical aspect of oral contraceptive pills] Tokuda G.
Sanfujin Jissai 18:327-33, Apr 69 (Jap)

ADVERSE EFFECTS

Prophylactic treatment of migraine with flumedroxone. Lundberg PO.
Acta Neurol Scand 45:309-26, 1969
Effect of selected estrogens and progestins on human chromosomes in vitro. Stenchever MA, et al.
Obstet Gynec 34:249-51, Aug 69
[Clinical use of concurrent antagonists of aldosterone in patients with cardiac insufficiency] Smolenskiĭ VS, et al. Kardiologiia 9:13-9, Jun 69 (Rus)

ANALYSIS

Fertilization and embryonic survival in dairy cattle. Boyd H, et al. Brit Vet J 125:87-97, Feb 69
An examination of the quantitative relationship between progesterone and the maintenance of pregnancy. Csapo AI, et al.
Endocrinology 85:735-46, Oct 69
Effect of prolactin and 5-bromo-2-thienyl-ethyl ketone thiosemicarbazone on ovarian progestin levels in the rat. Mason NR, et al. Endocrinology 85:831-6, Nov 69
The effect of luteinizing hormone and adenosine 3',5'-monophosphate on progesterone biosynthesis by bovine granulosa cells in culture. Cirillo VJ, et al.
Exp Cell Res 57:139-42, Sep 69
Peripheral plasma progesterone levels during the bovine oestrous cycle. Stabenfeldt GH, et al.
J Reprod Fertil 19:433-42, Aug 69
"In vitro" studies of circadian rhythms in hypothalamic-pituitary-adrenal systems. Ungar F.
Rass Neurol Veg 21:57-70, 30 Apr 67
Metabolism of neutral steroids in the human fetus. I.

Distribution of radioactive material in the previable human fetus after administration of progesterone-4-14C. Maeyama M, et al. **Steroids** 14:144-50, Aug 69

[Light absorption analysis. 3. Infrared rays] Mori H. **Clin Endocr (Tokyo)** 17:462-6, May 69 (Jap)

ANTAGONISTS & INHIBITORS

Biological properties of three ovulation inducers, stilboestrol, clomiphene and F 6066. Watnick AS, et al. **Acta Endocr (Kobenhavn)** 59:611-21, Dec 68

Inhibition of anesthetics and sedative actions by spironolactone. Selye H, et al. **Anesthesiology** 31:261-4, Sep 69

Biological inactivation of progesterone by interaction with corticosteroid-binding globulin and with albumin. Hoffmann W, et al. **Endocrinology** 85:778-81, Oct 69

[Studies on renin in normal pregnancy] Kokot F, et al. **Ginek Pol** 40:711-8, Jun 69 (30 ref.) (Pol)

BIOSYNTHESIS

Effect of vitamin A on enzymic conversion of the delta-5-3-beta-hydroxy- into delta-4-3-oxosteroids by adrenals of the rat. Grangaud R, et al. **Amer J Clin Nutr** 22:991-1002, Aug 69

The effect of luteinizing hormone and adenosine 3',5'-monophosphate on progesterone biosynthesis by bovine granulosa cells in culture. Cirillo VJ, et al. **Exp Cell Res** 57:139-42, Sep 69

1-14C-acetyl-coenzyme A as steroid precursor in the monkey adrenal in vitro. Knapstein P, et al. **Experientia** 25:364-5, 15 Apr 69

Steroidogenesis in a case of hydatidiform mole. Coutts JR, et al. **J Endocr** 44:335-48, Jul 69

Steroid hormone transformations by endocrine organs from pregnant mammals. V. The biosynthesis and metabolism of progesterone and estrogens by orangutan placental tissue in vitro. Ainsworth L, et al. **Steroids** 14:301-14, Sep 69

[From ovulation to implantation (report)] Buchholz R. **Arch Gynaek** 207:177-86, 1969 (Ger)

[Aspects of steroid biosynthesis in normal human testes] Sciarra F, et al. **Folia Endocr (Roma)** 21:412-22, Aug 68 (Ita)

[Steroid-specific dehydrogenase systems in human placenta] Cherniavskaia MA, et al. **Biokhimiia** 34:356-8, Mar-Apr 69 (Rus)

BLOOD

The relation between plasma progesterone and total urinary oestrogens following induction of ovulation in women. Johansson ED, et al. **Acta Endocr (Kobenhavn)** 62:89-97, Sep 69

Periovulatory levels of plasma progesterone and luteinizing hormone in women. Johansson ED, et al. **Acta Endocr (Kobenhavn)** 62:82-8, Sep 69

Fertilization and embryonic survival in dairy cattle. Boyd H, et al. **Brit Vet J** 125:87-97, Feb 69

An examination of the quantitative relationship between progesterone and the maintenance of pregnancy. Csapo AI, et al. **Endocrinology** 85:735-46, Oct 69

Sex hormone binding proteins. II. Isolation from serum of an elasmobranch (Raja radiata). Freeman HC, et al. **Gen Comp Endocr** 13:83-91, Aug 69

Sex hormone binding proteins. I. Binding of steroids by serum of an elasmobranch (Raja radiata). Idler DR, et al. **Gen Comp Endocr** 13:75-82, Aug 69

Ovarian physiology: relationship between plasma LH and steroidogenesis by the follicle and corpus luteum; effect of HCG. Strott CA, et al. **J Clin Endocr** 29:1157-67, Sep 69

Peripheral plasma progesterone levels during the bovine oestrous cycle. Stabenfeldt GH, et al. **J Reprod Fertil** 19:433-42, Aug 69

Ovarian changes and systemic plasma progesterone in the post-parturient cow. Munro IB. **Vet Rec** 85:271, 6 Sep 69

[Some experiences with the effect of injectable progestational hormones] Stěrba R. **Cesk Gynek** 34:407-9, Sep 69 (Cze)

[The central stimuli for follicular ripening and ovulation] Buchholz R. **Arch Gynaek** 207:107-23, 1969 (132 ref.) (Ger)

[Advances and problems in quantitative measurement of progesterone in the blood] Tokuda G, et al. **Clin Endocr (Tokyo)** 17:317-24, Apr 69 (36 ref.) (Jap)

[On blood progesterone level during pregnancy] Kawamura T. **J Jap Obstet Gynec Soc** 21:271-80, Mar 69 (Jap)

CHEMICAL SYNTHESIS

[Method of synthesis of 17-alpha-hydroxy-16-methylene-19-norprogesterone and its derivatives] Mehrhof W, et al. **Chem Ber** 102:643-58, 1969 (Ger)

DIAGNOSTIC USE

Induction of polycystic ovarian disease in rats by continuous light. V. Results of the deciduoma test and cervical stimulation. Singh KB. **Amer J Obstet Gynec** 105:275-6, 15 Sep 69

[Our examination procedure in disorders of the menstruation cycle] Presl J, et al. **Cesk Gynek** 34:413-5, Sep 69 (Cze)

METABOLISM

The metabolism of small and of large amounts of progesterone in man. Harkness RA, et al. **Acta Endocr (Kobenhavn)** 60:221-36, Feb 69

Influence of chlorinated hydrocarbons and organophosphate insecticides on metabolism of steroids. Kupfer D. **Ann NY Acad Sci** 160:244-53, 1969 (27 ref.)

2-Alphahydroxysteroid dehydrogenase and reductive metabolism of progesterone in mammalian cell cultures. Shikita M, et al. **Arch Biochem** 133:336-44, Sep 69

Studies on steroid metabolism in human endometrial tissue. Collins WP, et al. **Biochem J** 113:399-407, Jun 69

Aldosterone biosynthesis by human fetal adrenal in vitro. Dufau ML, et al. **Biochim Biophys Acta** 176:637-40, 29 Apr 69

Biochemical studies in a patient with chromatin-negative Klinefelter's syndrome. Dufau M, et al. **Clin Chim Acta** 25:389-93, Sep 69

A comparative study of steroid biosyntheses in vitro. In clear cell adenoma and its adjacent tissue of human adrenal gland. Tamaoki BI. **Endocr Jap** 16:47-54, Feb 69

An examination of the quantitative relationship between progesterone and the maintenance of pregnancy. Csapo AI, et al. **Endocrinology** 85:735-46, Oct 69

Effect of prolactin and 5-bromo-2-thienyl-ethyl ketone thiosemicarbazone on ovarian progestin levels in the rat. Mason NR, et al. **Endocrinology** 85:831-6, Nov 69

Biosynthesis of 6 beta- and 6 alpha-hydroxyprogesterone in the human foetal liver. Lisboa BP, et al. **Europ J Biochem** 9:503-6, Jul 69

Effect of ergocornine on the luteal 20alpha-hydroxysteroid dehydrogenase in pseudopregnant and pregnant rats. Turolla E, et al. **Experientia** 25:415-6, 15 Apr 69

Seasonal changes in the in vitro production of testicular androgens by the cobra (Naja naja Linn). Tam WH, et al. **Gen Comp Endocr** 13:117-25, Aug 69

Preparation of tissues for localization of sex hormones by autoradiography. II. The loss of radioactive material in embedding media after freeze drying and vapour fixation of the tissues. Attramadal A. **Histochemie** 19:75-87, 1969

Specific transfer of hydrogen from estradiol to progesterone as a regulating principle for progesterone metabolism in the liver of the female rat. Wenzel M, et al. **J Biol Chem** 244:4523-5, 10 Sep 69

Development of endocrine function in the human placenta and fetus (second of two parts). Villee DB. **New Eng J Med** 281:533-41, 4 Sep 69 (63 ref.)

Steroid hormone transformations by endocrine organs from pregnant mammals. V. The biosynthesis and metabolism of progesterone and estrogens by orangutan placental tissue in vitro. Ainsworth L, et al. **Steroids** 14:301-14, Sep 69

Metabolism of neutral steroids in the human fetus. I. Distribution of radioactive material in the previable human fetus after administration of progesterone-4-14C. Maeyama M, et al. **Steroids** 14:144-50, Aug 69

Metabolism of progesterone by rattesticular homogenates. 3. Inhibitory effects of intermediates

and other steroids. Nayfeh SN, et al. Steroids 14:269-83, Sep 69

[Nipiopharmacology of steroid hormones] Macciotta A. Minerva Nipiol 17:204-38, Nov-Dec 67 (746 ref.) (Ita)

[Transformation of steroids by some thermophilic microorganisms] Kogan LM, et al. Mikrobiologiia 37:628-35, Jul-Aug 68 (Rus)

PHARMACODYNAMICS

The effect of protein deficiency on uterine sensitivity in the pseudopregnant rat. Kinzey WG. Acta Endocr (Kobenhavn) 61:232-8, Jun 69

Oestrogen binding sites in the chicken oviduct similar to those of the mouse uterus. Terenius L. Acta Endocr (Kobenhavn) 60:79-90, Jan 69

Hormonal influence on fibrinolytic activity of uterus and vagina in the juvenile rat. Tympanidis K, et al. Acta Endocr (Kobenhavn) 60:69-78, Jan 69

Urinary D-glucaric acid. An index of heparin microsomal enzyme activity in human females. Fahim MS, et al. Amer J Obstet Gynec 105:124-6, 1 Sep 69

Ion concentrations and membrane potentials of myometrium during recovery from cold. Kao CY, et al. Amer J Physiol 217:525-31, Aug 69

Subhuman primates in experimental viral oncology. Munroe JS. Ann NY Acad Sci 162:556-67, 3 Jul 69

2-Alphahydroxysteroid dehydrogenase and reductive metabolism of progesterone in mammalian cell cultures. Shikita M, et al. Arch Biochem 133:336-44, Sep 69

Interactions between oestradiol 3, 17 beta and progesterone on the induction and growth of deciduomata in ovariectomized mice. Humphrey KW. Aust J Biol Sci 22:689-99, Jun 69

The influence of sex and estrogens on liver kynureninase and kynurenine aminotransferase in the rat. Rose DP, et al. Biochim Biophys Acta 184:412-9, 30 Jul 69

Drugs acting on the uterus. I. Brit Med J 2:619-20, 7 Jun 69

Progestational agents. Brit Med J 1:344-6, 9 Aug 69

Effect of hormones on the chondroitin sulfate metabolism of chick embryo femora growing in vitro. 3. Effect of sex steroids on chondroitin sulfate synthesis in the cartilagenous bones growing in the natural medium. Endo H, et al. Endocr Jap 16:115-9, Feb 69

Effects of steroids on the release of luteinizing hormone in the rat. Kobayashi F, et al. Endocr Jap 16:251-60, Apr 69

Effect of lut-ovocyclin on some testicular enzymes of the Indian desert gerbil Meriones hurrianae Jerdon. Singh K, et al. Endocr Jap 16:149-55, Feb 69

An examination of the quantitative relationship between progesterone and the maintenance of pregnancy. Csapo AI, et al. Endocrinology 85:735-46, Oct 69

Uptake and metabolism in vivo of testosterone-1,2-3H by accessory sex organs of male rats; influence of some hormonal compounds. Tveter KJ, et al. Endocrinology 85:683-9, Oct 69

Effects of estrogen or progesterone on prepuberal ovaries implanted in castrated adult male rats. Riboni L, et al. Experientia 25:754-5, 1969

Practically applicable results of twenty years of research in endocrinology. Tausk M. Fortschr Arzneimittelforsch 12:137-64, 1968 (130 ref.)

Hormonal control of incubation patch development in the California quail Lophortyx californicus. Jones RE. Gen Comp Endocr 13:1-13, Aug 69

Inhibition by cholesterol analogues of the side-chain cleavage of cholesterol and 20alpha-hydroxycholesterol in a preparation of hog adrenocortical mitochondria. Kobayashi S, et al. J Biochem (Tokyo) 66:51-6, Jul 69

Sex difference in the release of luteinizing hormone evoked by progesterone. Taleisnik S, et al. J Endocr 44:313-21, Jul 69

The effects oICI 33828 and progesterone on oestrogen-maintained corpora lutea in the sow. Garbers DL, et al. J Reprod Fertil 19:541-4, Aug 69

Evaluation of the removal of tetracycline fluorescence from spermatozoa as a test for capacitation in the rabbit. Vaidya RA, et al. J Reprod Fertil 19:483-9, Aug 69

Antagonistic action of anti-androgens on the formation of a specific dihydrotestosterone-receptor protein complex in rat ventral prostate. Fang S, et al. Molec Pharmacol 5:428-31, Jul 69

Organ culture of human endometrium. Effects of progesterone. Csermely T, et al. Obstet Gynec 34:252-9, Aug 69

Endocrine activities of some novel steroids. McKinney GR, et al. Steroids 14:91-5, Aug 69

Effect of estrogen and clomiphene on uterine sialic acid in the rat during delayed implantation. Rajalakshmi M, et al. Steroids 14:47-54, Jul 69

The biochemistry of amphibian development. ANL-7535. Smith LD, et al. US AEC Argonne Nat Lab 19-25, Dec 68

[Some experiences with the effect of injectable progestational hormones] Stěrba R. Cesk Gynek 34:407-9, Sep 69 (Cze)

[Decidualizing action of decidual endometrium ribonucleic acid extracts] Psychoyos A. C R Acad Sci [D] (Paris) 268:3207-10, 30 Jun 69 (Fre)

[Histophotometric study of the endometrium. 3. Evolution of Feulgen reaction intensity in stroma nuclei after a unique injection of sex steroids] Leroy F, et al. Rev Franc Etud Clin Biol 14:59-66, Jan 69 (Fre)

[Physiology, biology, and pharmacology of sex hormones] Cession G. Rev Med Liege 22:220-7, 15 Apr 67 (Fre)

[Endocrinologic research] Bettendorf G. Arch Gynaek 207:383-9, 1969 (Ger)

[The central stimuli for follicular ripening and ovulation] Buchholz R. Arch Gynaek 207:107-23, 1969 (132 ref.) (Ger)

[Hormonal modification of the human Fallopian tube motility (in vitro studies)] Erb H, et al. Arch Gynaek 207:165, 1969 (Ger)

[Studies on Fallopian tube secretion and egg transport in animal experiments using radioactive sulfate ions] Legeriotz C. Arch Gynaek 207:169-72, 1969 (Ger)

[Clinical-pharmacological studies of uterine dynamics] Mosler KH. Arzneimittelforschung 19:810-3, May 69 (Ger)

[Hormonal influencing of human tubal motility] Erb H, et al. Experientia 25:411-2, 15 Apr 69 (Ger)

[Changes in the endometrium caused by retrosteroid RO-4-8347] Herzer H, et al. Gynaecologia (Basel) 168:1-24, 1969 (Ger)

[Rheumatic connective tissue metabolism and pathological structure of the connective tissue in rheumatoid arthritis] Lindner J. Verh Deutsch Ges Inn Med 74:1315-49, 1968 (170 ref.) (Ger)

[Animal experiment study on the pathogenesis of placenta praevia] Sachs H. Z Ges Exp Med 150:199-202, 1969 (Ger)

[Estrogens and progesterone regulation of DNA synthesis in the uterine epithelium in rats] Galassi L. Arch Ital Anat Embriol 73:379-90, 1968 (Ita)

[Endometrial histological and histochemical variations found during the use of synthetic estroprogesterone therapy] Monteforte C, et al. Arch Ostet Ginec 73:1059-70, Nov-Dec 68 (Ita)

[Comparative study of hormonal influences on the testis and accessory sex organs in rats] Ronzoni G, et al. Chir Pat Sper 15:367-75, Jul-Sep 67 (Ita)

[Experience with a long acting pregestinic] Sensi G, et al. Riv Ostet Ginec 22:772-9, 10 Oct 67 (Ita)

[Behavior of the oral mucosa during therapy with estrogen-progesterone substitution therapy (cytologic study using the Shorr method)] Messina P. Stomatologica (Genova) 12:392-407, Oct-Dec 68 (Ita)

[Relationship between the hypothalamus and the limbic system, with special reference to its dynamics in feedback mechanism] Iizuka R, et al. Clin Endocr (Tokyo) 17:427-35, May 69 (Jap)

[Electron microscopic study of the mechanism of secretion of milk] Kimura T. J Jap Obstet Gynec Soc 21:301-8, Mar 69 (Jap)

[Studies on sex chromatin. Alteration in the frequency of sex chromatin induced by various exogenous hormones] Tanda H, et al. Jap J Urol 60:427-32, May 69 (Jap)

[Morphology of the smooth muscle cells of the vascular tunica media in several regional hemodynamic changes] Kaufman Ola. Arkh Pat 30:22-6, 1968 (Rus)

[The effects of adrenalectomy on the sensitivity of the albino rat ovaries to chorionic gonadotropin in its simultaneous administration with estrogens, androgens and progesterone] Kharchenko SF. Probl Endokr (Moskva) 13:111-5, May-Jun 67 (Rus)

[The effect of destruction and stimulation of the paraventricular and supraoptical nuclei of the hypothalamus on the sensitivity of rat ovaries to gonadotropin, estrogens, androgens and

progesterone] Myslitskii VF.
Probl Endokr (Moskva) 15:72-6, May-Jun 69 (Rus)
[Syndrome of the polycystic ovary and the Vito Patrono test in its differential diagnosis. Therapeutic findings] Molina Navia L.
Ginec Obstet Mex 22:1521-6, Nov 67 (Spa)

PHYSIOLOGY

Regulation of human gonadotropins: VII. Daily individual urinary estrogens, pregnanediol and serum luteinizing and follicle stimulating hormones during the menstrual cycle. Goebelsmann U, et al.
J Clin Endocr 29:1222-30, Sep 69
Some psychological aspects of pregnancy. Haward LR.
Midwives Chron 82:297, Sep 69
The endocrine control of the breasts. Harley JM.
Practitioner 203:153-7, Aug 69
[Initial histological signs of abortion after bilateral ovariectomy in female rats] Clabaut M.
C R Soc Biol (Paris) 163:21-4, 1969 (Fre)
[On the hormonal regulation of tubal motility. In vitro experiments on human tubes] Erb H.
Bibl Gynaec 51:1-87, 1969 (Ger)

SECRETION

Induction of 20alpha-hydroxysteroid dehydrogenase in rat corpora lutea by pharmacological blockade of pituitary prolactin secretion. Lamprecht SA, et al.
Biochim Biophys Acta 187:133-43, 29 Jul 69
Acute effects of various gonadotropins and other pituitary hormones on preovulatory ovarian progestin secretion in hypophysectomized rats. Uchida K, et al.
Endocr Jap 16:239-49, Apr 69
Ovarian secretion of progesterone and 20alpha-hydroxypregn-4-en-3-one during rat estrous cycle in chronological relation to pituitary release of luteinizing hormone. Uchida K, et al.
Endocr Jap 16:227-37, Apr 69
Secretion of progesterone and 20alpha-dihydroprogesterone by corpora lutea and interstitial tissue of pregnant rabbits. Endo H, et al.
J Endocr 44:455-6, Jul 69
[Treatment of amenorrheas and oligomenorrheas with the retrosteroid RO 4-8347] Gerhard I, et al.
Gynaecologia (Basel) 168:25-39, 1969 (Fre)
[Causative relations between pituitary luteinizing hormone release and secretion of ovarian steroid in sexual cycles in rats] Miyake T.
Saishin Igaku 24:1012-23, May 69 (Jap)
[Secretion of 11-desoxycorticosterone of the adrenal glands in rabbits] Krekhova MA.
Probl Endokr (Moskva) 14:86-90, Jul-Aug 68 (Rus)

THERAPEUTIC USE

Prophylactic treatment of migraine with flumedroxone. Lundberg PO.
Acta Neurol Scand 45:309-26, 1969
Practically applicable results of twenty years of research in endocrinology. Tausk M.
Fortschr Arzneimittelforsch 12:137-64, 1968 (130 ref.)
Removal of inhaled 239PuO2 in rats. BNWL-714. Dilley JV, et al. US AEC Battelle Northwest 6.9-6+, May 68
[Hemostatic effect of a combination of mestranol and chlorsuperlutin in dysfunctional bleeding] Voříšek P, et al. Cesk Gynek 34:410-2, Sep 69 (Cze)
[Apropos of the embryotoxic and teratogenic actions of Triton WR 1339 in mice: influence of cortisone] Roussel C, et al.
C R Acad Sci [D] (Paris) 269:358-61, 1969 (Fre)
[Treatment of amenorrheas and oligomenorrheas with the retrosteroid RO 4-8347] Gerhard I, et al.
Gynaecologia (Basel) 168:25-39, 1969 (Fre)
[Functional genital hemorrhages] Baudet JH.
Presse Med 77:1353-5, 24 Sep 69 (Fre)
[Prophylactic treatment of abortions during the first trimester with systematic hormonal determinations and hormonal treatment with gonadotrophins, estrogens and progesterone carried out from the beginnings of pregnancies in patients with previous pathological histories] Bécière C, et al.
Rev Franc Gynec Obstet 62:495-501, Sep 67 (Fre)
[Indication for female hormones in substitution therapy] Lebeau JM.
Rev Med Liege 22:227-9, 15 Apr 67 (Fre)
[Therapy experiments on autochthonic mammary carcinoma in rats] Fretz J, et al.
Arzneimittelforschung 19:1291-5, Aug 69 (Ger)
[Changes in the endometrium caused by retrosteroid RO-4-8347] Herzer H, et al.
Gynaecologia (Basel) 168:1-24, 1969 (Ger)
[The value of treatment of habitual abortion] Wenner GD, et al. Med Welt 25:1524-7, 22 Jun 68 (Ger)
[Clinical use of concurrent antagonists of aldosterone in patients with cardiac insufficiency] Smolenskii VS, et al. Kardiologiia 9:13-9, Jun 69 (Rus)
[REACTION OF THE HYPOPHYSIS (ACTH) f rtftse o the changes of blood estrogen level] Skebel'skaia IuB.
Probl Endokr (Moskva) 15:45-9, Jan-Feb 69 (Rus)
[Progesterone in cirrhosis. (Antialdosteronic and antiestrogenic effect)] Dinç I, et al.
Tip Fak Mec (Istanbul) 31:267-78, 1968 (Tur)

URINE

The metabolism of small and of large amounts of progesterone in man. Harkness RA, et al.
Acta Endocr (Kobenhavn) 60:221-36, Feb 69
[Method for determining testosterone and epitestosterone in human urine] Drosdowsky MA, et al.
Bull Soc Chim Biol (Paris) 50:1723-37, 30 Jan 69 (Fre)

RELAXIN

ANALYSIS

Relaxing activity during the oestrous cycle of the marsupial, Trichosurus vulpecula (Kerr).
Tyndale-Biscoe CH. J Reprod Fertil 19:191-3, Jun 69

BLOOD

Relaxing activity during the oestrous cycle of the marsupial, Trichosurus vulpecula (Kerr).
Tyndale-Biscoe CH. J Reprod Fertil 19:191-3, Jun 69

SEX HORMONES

Dietary regulation of glycolytic enzymes. IV. Stifel FB, et al. Biochim Biophys Acta 184:495-502, 2 Sep 69
Steroid hormone binding to a macromolecule from hepatoma tissue culture cells. Gardner RS, et al.
J Biol Chem 244:4761-7, 10 Sep 69
[Concept and research possibilities in the field of sex deviations] Freund K.
Psychiat Neurol Med Psychol (Leipzig) 21:161-4, May 69 (30 ref.) (Ger)
[The gamone from Blakeslea trispora. On the structure of sex substances from Mucoracea. I] Reschke T.
Tetrahedron Lett 39:3435-9, Aug 69 (Ger)

ADMINISTRATION & DOSAGE

[Frequent errors in hormone treatment of neoplasms] Martz G. Ther Umsch 26:402-7, Jul 69 (Ger)

ANALYSIS

Preparation of tissues for localization of sex hormones by autoradiography. I. Loss of radioactive material effected by the use of some conventional methods. Attramadal A. Histochemie 19:64-74, 1969

BLOOD

Sex hormone binding proteins. II. Isolation from serum of an elasmobranch (Raja radiata). Freeman HC, et al.
Gen Comp Endocr 13:83-91, Aug 69

HISTORY

[Treatment with sex hormones--pharmacology] Kramer M. Z Allgemeinmed 45:660-9, 20 May 69 (Ger)

METABOLISM

Some considerations on cultured chorionic cells from the human placenta by means of steroid enzymes and an electron microscope. Sawasaki C, et al.
Acta Obstet Gynaec Jap 16:177-9, Jul 69
Studies on steroid metabolism in human endometrial tissue. Collins WP, et al. Biochem J 113:399-407, Jun 69
[On the fine structure of Leydig cells in January and May specimens of Lacerta s. sicula Raf] Della Corte F, et al. Z Zellforsch 98:561-75, 1969 (Ger)
[Laboratory diagnosis of hyperbilirubinemia. Biochemical examination on the Endocrinological

function] Yakata M.
Jap J Clin Path 17:281-4, Apr 69 (Jap)

PHARMACODYNAMICS

Hormonal influence on fibrinolytic activity of uterus and vagina in the juvenile rat. Tympanidis K, et al.
Acta Endocr (Kobenhavn) 60:69-78, Jan 69
Effect of hormones on the chondroitin sulfate metabolism of chick embryo femora growing in vitro. 3. Effect of sex steroids on chondroitin sulfate synthesis in the cartilagenous bones growing in the natural medium. Endo H, et al.
Endocr Jap 16:115-9, Feb 69
An antidotal study on the skin extract of the puffer fish Spheroides maculatus. Golin S, et al.
Toxicon 7:49-53, Jun 69
[Ovulation, ovum and spermatozoa transport] Zerobin K. Schweiz Arch Tierheilk 111:305-21, Jun 69 (Ger)
[Histochemical and biochemical study of the activity of 3-beta-hydroxysteroid dehydrogenase in the ovary of normal adult women] Mori T.
J Jap Obstet Gynec Soc 21:227-34, Mar 69 (Jap)

PHYSIOLOGY

Variations in gonadal hormones and the X chromosome. Lupovitch A, et al.
Amer J Obstet Gynec 105:269-73, 15 Sep 69
The role of sex hormones in problems of the mature years and beyond. Geller J.
J Amer Geriat Soc 17:861-73, Sep 69
The role of the hypothalamus in hormonal sex differentiation. Hyyppä M.
Rev Roum Physiol 5:289-99, 1968
[Endocrine factors in dental development] Job JC, et al. Rev Franc Odontostomat 16:625-34, May 69 (Fre)
[Treatment with sex hormones--pharmacology] Kramer M. Z Allgemeinmed 45:660-9, 20 May 69 (Ger)
[Hypertrichosis and hirsutism] Ludwig E.
Z Allgemeinmed 45:754-62, 10 Jun 69 (Ger)
[The effect of sex gland stimulation on regeneration of the thyroid gland] Miroinichenko EV.
Biull Eksp Biol Med 67:87-90, Mar 69 (Rus)
[The effect of hydrocortisone and insulin on the activity of alanine- and aspartate-alpha-ketoglutarate transaminases in the liver of normal and castrated male rats of various age] Polikarpova LI.
Probl Endokr (Moskva) 15:90-5, Mar-Apr 69 (Rus)

SECRETION

[Hormonal activity of the gonads of hypophysectomized chick embryos] Akram H, et al.
J Embryol Exp Morph 21:509-15, Jun 69 (Fre)

THERAPEUTIC USE

[Advances in the diagnosis and therapy of female sterility] Hagen H, et al.
Deutsch Gesundh 23:1793-9, 19 Sep 68 (Ger)
[Benign tumors of the human mammary gland] Gregl A.
Med Klin 64:1127-32, 13 Jun 69 (Ger)
[On some problems of therapy in old age] Brüschke G, et al. Z Alternsforsch 22:1-10, 1969 (Ger)
[Treatment and prognosis of aplastic anemia] Hiraki K, et al. Saishin Igaku 24:749-56, Apr 69 (42 ref.) (Jap)
[Some clinico-instrumental data concerning the effect of prolonged therapeutic use of sex hormones on the development of atherosclerosis in diabetes mellitus] Nikolaev EI.
Probl Endokr (Moskva) 15:8-11, Mar-Apr 69 (Rus)
[Use of sex hormones in Rendu-Osler disease] Poliakova AK. Vrach Delo 2:131-2, Feb 67 (Rus)

URINE

Studies on sex hormone excretion in normal and hirsute women. Ismail AA, et al.
Acta Endocr (Kobenhavn) 61:283-92, Jun 69
[Fluctuations in sex hormones in the gyneco-obstetrical field and electroencephalography during sleep] Sato I.
J Jap Obstet Gynec Soc 21:391-9, Apr 69 (Jap)

STANOLONE

ISOLATION & PURIFICATION

Uptake and metabolism in vivo of testosterone-1,2-3H by accessory sex organs of male rats; influence of some hormonal compounds. Tveter KJ, et al.
Endocrinology 85:683-9, Oct 69

METABOLISM

[Action of cyproterone on plasma binding and metabolism of testosterone] Guillemant S, et al.
C R Acad Sci [D] (Paris) 268:2595-7, 28 May 69 (Fre)

PHARMACODYNAMICS

Intracellular regulation of nucleic acids of mouse kidney by androgens. Kochakian CD.
Gen Comp Endocr 13:146-50, Aug 69
Absence of response to dihydrotestosterone in the syndrome of testicular feminization. Strickland AL, et al. J Clin Endocr 29:1284-6, Sep 69

THERAPEUTIC USE

Absence of response to dihydrotestosterone in the syndrome of testicular feminization. Strickland AL, et al. J Clin Endocr 29:1284-6, Sep 69

TESTOSTERONE

The crystal structure and absolute configuration of the 2:1 complex between testosterone and mercuric chloride. Cooper A, et al.
Acta Crystallogr [B] (Kobenhavn) 24:935-41, 15 Jul 68
Interactions of hormonal steroids with nucleic acids. II. Structural and thermodynamic aspects of binding. Cohen P, et al. Biochemistry (Wash) 8:3603-9, Sep 69
Dietary regulation of glycolytic enzymes. IV. Stifel FB, et al. Biochim Biophys Acta 184:495-502, 2 Sep 69
Ketenimine-dimethyl sulphoxide oxidation of hydroxy-steroids. Harmon RE, et al.
Chem Industr 40:1428, 4 Oct 69
Biphasic effect of estrogen on rat plasma cholesterol level and its interaction by androgen. Uchida K, et al.
Endocr Jap 16:211-4, Feb 69
Further stereochemical studies of the catalytic reduction of delta-1,4-3-keto steroids with tritium. Brodie HJ, et al. J Org Chem 34:2697-702, Sep 69
Solubilization of some steroids in aqueous solutions of a steroidal nonionic surfactant. Thakkar AL, et al.
J Pharm Sci 58:850-2, Jul 69
Interaction of adrenal and gonadal steroids with proteins in human plasma. Rosner W.
New Eng J Med 281:658-65, 18 Sep 69 (28 ref.)
Interactions of hormonal steroids with nucelic acids. I. A specific requirement for guanine. Cohen P, et al.
Proc Nat Acad Sci USA 63:458-64, Jun 69
[The effect of dl-19-nor-D-homotestosterone on the interferon system and general synthesis of cellular protein in tissue culture] Zeĭmlenok NA, et al.
Biull Eksp Biol Med 67:76-9, Feb 69 (Rus)
[Effect of an anabolic hormone (methandrostenolone) on NADP-enzyme activity in the rat heart] Stepanova NG. Vop Med Khim 15:291-5, May-Jun 69 (Rus)

ADMINISTRATION & DOSAGE

Olfactory and hormonal influences on the basal forebrain of the male rat. Pfaff DW, et al.
Brain Res 15:137-56, Sep 69
Sex difference in the release of luteinizing hormone evoked by progesterone. Taleisnik S, et al.
J Endocr 44:313-21, Jul 69
Effect of testosterone and of cobalt on erythropoietin production by anephric rats. Fried W, et al.
J Lab Clin Med 74:623-9, Oct 69
Early effects of androgens on the biosynthesis of protein and RNA by the postmitochondrial fraction of the mouse kidney. Kochakian CD.
Steroids 14:77-90, Aug 69
[Successful treatment of aplastic anemia with testosterone] Jančić MS, et al.
Srpski Arh Celok Lek 96:1027-32, Oct 68 (Ser)

ADVERSE EFFECTS

[Studies on the metabolism of epidermal cells in acanthoses. II. Comparative enzymebiochemic studies in acanthoses] Rassner G.
Arch Klin Exp Derm 233:430-8, 1969 (Ger)
[On the necessity of limiting the indications for the use of testosterone in the hormonal treatment of women] Teter J. Pol Tyg Lek 24:1185-7, Aug 69 (18 ref.) (Pol)

ANALYSIS

Distribution of radioactivity in the different lobes of the rat prostate following administration of testosterone-1,2-3H. Tveter KJ.
Acta Endocr (Kobenhavn) 60:60-8, Jan 69

The role of sex hormones in problems of the mature years and beyond. Geller J.
J Amer Geriat Soc 17:861-73, Sep 69

[Endocrinologic research] Bettendorf G.
Arch Gynaek 207:383-9, 1969 (Ger)

[Quantitative estimations of dehydroepiandrosterone, androsterone, etiocholanolone, estrogens and testosterone in blood plasma and skin eluats in acne vulgaris] Brehm G, et al.
Arch Klin Exp Derm 234:117-24, 1969 (Ger)

[A reaction for the determination of testosterone in extracts of body fluids] Ittrich G.
Hoppe Seyler Z Physiol Chem 350:513-6, Apr 69 (Ger)

[Gas chromatography and determination of testosterone esters in mixtures] Amormino V, et al.
Ann Ist Sup Sanit 4:108-10, 1968 (Ita)

[Separation and determination of testosterone esters in oil solutions] Amormino V, et al.
Ann Ist Sup Sanit 4:65-74, 1968 (Ita)

[Light absorption analysis. 3. Infrared rays] Mori H.
Clin Endocr (Tokyo) 17:462-6, May 69 (Jap)

[Crystallooptical constants of testosterone and its derivatives] Onishchenko IuV.
Farm Zh (Kiev) 24:48-9, 1969 (Ukr)

ANTAGONISTS & INHIBITORS

Cytological and cytochemical comparative study on the effect of cyproterone (anti-androgen) and gonadectomy on the gonadotrophic cells of the hypophysis in male rats. Mietkiewski K, et al.
Acta Endocr (Kobenhavn) 61:293-301, Jun 69

Inhibition of anesthetics and sedative actions by spironolactone. Selye H, et al.
Anesthesiology 31:261-4, Sep 69

Antagonistic action of anti-androgens on the formation of a specific dihydrotestosterone-receptor protein complex in rat ventral prostate. Fang S, et al.
Molec Pharmacol 5:428-31, Jul 69

Androgen accumulation andbinding to macromolecules in seminal vesicles: inhibition cyproterone. Stern JM, et al. **Science 166:233-5, 10 Oct 69**

BIOSYNTHESIS

Biochemical studies in a patient with chromatin-negative Klinefelter's syndrome. Dufau M, et al. **Clin Chim Acta 25:389-93, Sep 69**

Influence of physical and chemical treatments upon the microsomal enzymes of testes related to androgen biosynthesis. Machino A, et al.
Endocr Jap 16:37-46, Feb 69

Seasonal changes in the in vitro production of testicular androgens by the cobra (Naja naja Linn). Tam WH, et al. **Gen Comp Endocr 13:117-25, Aug 69**

Androgen metabolism in congenital adrenal hyperplasia due to 11 beta-hydroxylase deficiency. Frasier SD, et al. **Pediatrics 44:201-8, Aug 69**

[Metabolism of dehydroepiandrosterone at the cutaneous level: in vitro experiments] Sciarra F, et al.
Folia Endocr (Roma) 21:423-30, Aug 68 (Ita)

[Aspects of steroid biosynthesis in normal human testes] Sciarra F, et al.
Folia Endocr (Roma) 21:412-22, Aug 68 (Ita)

BLOOD

New derivatives for electron capture--gas chromatography of steroids: a simplified procedure for measuring plasma testosterone. Kirschner MA, et al. **Anal Biochem 30:346-57, Sep 69**

Biochemical studies in a patient with chromatin-negative Klinefelter's syndrome. Dufau M, et al. **Clin Chim Acta 25:389-93, Sep 69**

Plasma androgen concentrations in several species of Old and New World monkeys. Snipes CA, et al.
Endocrinology 85:794-8, Oct 69

Plasma androgen concentrations in several species of Old and New World monkeys. Snipes CA, et al.
Endocrinology 85:941-5, Nov 69

Two cases of germinal aplasia: plasma concentration and in vitro biosynthesis of androgens. Conti C, et al.
Folia Endocr (Roma) 21:404-11, Aug 68

Sex hormone binding proteins. II. Isolation from serum of an elasmobranch (Raja radiata). Freeman HC, et al.
Gen Comp Endocr 13:83-91, Aug 69

Sex hormone binding proteins. I. Binding of steroids by serum of an elasmobranch (Raja radiata). Idler DR, et al. **Gen Comp Endocr 13:75-82, Aug 69**

Recent studies on androgenic function in human subjects. Ismail AA, et al.
J Obstet Gynaec Brit Comm 75:929-40, Sep 68 (78 ref.)

Plasma testosterone and luteinising hormone in XYY men. Hudson B, et al. **Lancet 2:699, 27 Sep 69**

The "YY syndrome". Cowling DC, et al.
Med J Aust 2:443-6, 30 Aug 69

A case of adult male pseudohermaphroditism: the problems of diagnosis and treatment. Jelinek VM, et al. **Med J Aust 2:150-3, 19 Jul 69**

Interaction of adrenal and gonadal steroids with proteins in human plasma. Rosner W.
New Eng J Med 281:658-65, 18 Sep 69 (28 ref.)

Androgen metabolism in congenital adrenal hyperplasia due to 11 beta-hydroxylase deficiency. Frasier SD, et al. **Pediatrics 44:201-8, Aug 69**

The removal of testosterone binding globulin from plasma by affinity chromatography. Burstein SH.
Steroids 14:263-8, Sep 69

A competitive protein binding method for the measurement of plasma androstenedione. Rosenfield RL. **Steroids 14:251-61, Sep 69**

[Testicular function in idiopathic hemochromatosis] Gilbert-Dreyfus.
Rev Franc Endocr Clin 10:191-203, May-Jun 69 (Fre)

[Principle of electron capture detection in gas-liquid chromatography and application to the determination of steroids] Drosdowsky MA.
Rev Franc Etud Clin Biol 14:420-7, Apr 69 (35 ref.) (Fre)

[Quantitative estimations of dehydroepiandrosterone, androsterone, etiocholanolone, estrogens and testosterone in blood plasma and skin eluats in acne vulgaris] Brehm G, et al.
Arch Klin Exp Derm 234:117-24, 1969 (Ger)

[Clinical and biochemical studies in a female patient with mixed gonadal dysgenesis] Zimprich H.
Wien Klin Wschr 81:475-8 passim, 20 Jun 69 (Ger)

[Aspects of steroid biosynthesis in normal human testes] Sciarra F, et al.
Folia Endocr (Roma) 21:412-22, Aug 68 (Ita)

[The effect of chorionic gonadotropin on plasma testosterone in men] Vogt JH, et al.
Nord Med 82:1045-9, 21 Aug 69 (Nor)

ISOLATION & PURIFICATION

Uptake and metabolism in vivo of testosterone-1,2-3H by accessory sex organs of male rats; influence of some hormonal compounds. Tveter KJ, et al.
Endocrinology 85:683-9, Oct 69

A time study of the in vitro metabolism of 3 beta-hydroxyandrost-5-en-17-one by human adrenocortical tissue. Neville AM, et al.
Steroids 14:97-117, Aug 69

[Gas chromatography and determination of testosterone esters in mixtures] Amormino V, et al.
Ann Ist Sup Sanit 4:108-10, 1968 (Ita)

METABOLISM

Perfusion of human term placenta in situ with C-19 and C-18 steroids. Boité E, et al.
Acta Endocr (Kobenhavn) 61:307-19, Jun 69

Subcellular distribution of testosterone metabolites after perfusion of isolated livers of guinea pig. Demisch K, et al.
Acta Endocr (Kobenhavn) 62:147-52, Sep 69

Influence of chlorophenoxyisobutyrate (CPIB) on thyroid parameters. Hansen JM.
Acta Endocr (Kobenhavn) 60:294-302, Feb 69

Distribution of radioactivity in the different lobes of the rat prostate following administration of testosterone-1,2-3H. Tveter KJ.
Acta Endocr (Kobenhavn) 60:60-8, Jan 69

Preliminary characterization of an androgen-macromolecular complex from the rat ventral prostate. Unhjem O, et al.
Acta Endocr (Kobenhavn) 62:153-64, Sep 69

Influence of chlorinated hydrocarbons and organophosphate insecticides on metabolism of steroids. Kupfer D.
Ann NY Acad Sci 160:244-53, 1969 (27 ref.)

The reception of androgens in the rat ventral prostate. Belham JE, et al. **Biochem J 114:32P, Sep 69**

Studies on steroid metabolism in human endometrial tissue. Collins WP, et al. **Biochem J** 113:399-407, Jun 69

A simple technique for the separation and estimation of 3H-labelled androgen metabolites. Neal GE, et al. **Biochem J** 114:31P-32P, Sep 69

Testosterone metabolism in the rat ventral prostate. Belham JE, et al. **Biochim Biophys Acta** 187:159-62, 29 Jul 69

Hydrolysis of steroid phosphates by mouse tissue phosphatases. Botte V, et al. **Biochim Biophys Acta** 176:670-2, 29 Apr 69

Urinary 17-ketosteroid fractionation in depression: a preliminary report. Mendels J. **Brit J Psychiat** 115:581-5, May 69

A comparative study of steroid biosyntheses in vitro. In clear cell adenoma and its adjacent tissue of human adrenal gland. Tamaoki BI. **Endocr Jap** 16:47-54, Feb 69

Uptake and metabolism in vivo of testosterone-1,2-3H by accessory sex organs of male rats; influence of some hormonal compounds. Tveter KJ, et al. **Endocrinology** 85:683-9, Oct 69

Preparation of tissues for localization of sex hormones by autoradiography. II. The loss of radioactive material in embedding media after freeze drying and vapour fixation of the tissues. Attramadal A. **Histochemie** 19:75-87, 1969

Absence of response to dihydrotestosterone in the syndrome of testicular feminization. Strickland AL, et al. **J Clin Endocr** 29:1284-6, Sep 69

The binding of (1,2-3H)testosterone within nuclei of the rat prostate. Mainwaring WI. **J Endocr** 44:323-33, Jul 69

Antagonistic action of anti-androgens on the formation of a specific dihydrotestosterone-receptor protein complex in rat ventral prostate. Fang S, et al. **Molec Pharmacol** 5:428-31, Jul 69

Failure to demonstrate uptake of 3H-testosterone by the hypothalamus of young rats. Sherratt M, et al. **Neuroendocrinology** 4:374-6, 1969

Androgen accumulation andbinding to macromolecules in seminal vesicles: inhibition cyproterone. Stern JM, et al. **Science** 166:233-5, 10 Oct 69

Metabolism of progesterone by rattesticular homogenates. 3. Inhibitory effects of intermediates and other steroids. Nayfeh SN, et al. **Steroids** 14:269-83, Sep 69

[Study of the penetration of 3H-1,2-testosterone into the anterior pituitary, hypothalamus and cerebral cortex of normal and castrated rats] Samperez S, et al. **Bull Soc Chim Biol (Paris)** 51:117-31, 4 Jun 69 **(Fre)**

[Action of cyproterone on plasma binding and metabolism of testosterone] Guillemant S, et al. **C R Acad Sci [D] (Paris)** 268:2595-7, 28 May 69 **(Fre)**

[Demonstration of a macromolecular association of 3H-1-2-testosterone in normal and castrated rat anterior pituitary and hypothalamus] Samperez S, et al. **C R Acad Sci [D] (Paris)** 268:2965-7, 16 Jun 69 **(Fre)**

[Testicular function in idiopathic hemochromatosis] Gilbert-Dreyfus. **Rev Franc Endocr Clin** 10:191-203, May-Jun 69 **(Fre)**

[Androgen metabolism and estrogen production in explant cultures of rat ovaries following incubation with androstenedione and testosterone] Schriefers H, et al. **Hoppe Seyler Z Physiol Chem** 350:999-1007, Aug 69 **(Ger)**

[Blocking of the microbiological 11 beta-hydroxylation of steroids by 18-methyl substitution] Kieslich K, et al. **Liebig Ann Chem** 726:161-7, 1969 **(Ger)**

[Metabolism of testosterone in the isolated, perfused liver of the guinea pig] Demisch K, et al. **Naunyn Schmiedeberg Arch Pharm** 263:264-5, 1969 **(Ger)**

PHARMACODYNAMICS

Effect of testosterone propionate on the distribution of radioactive iodide in recently thyroidectomized rats. Driessen OM, et al. **Acta Endocr (Kobenhavn)** 60:303-14, Feb 69

Response of neonatal female rats to reserpine and testosterone. Simmons JE, et al. **Acta Endocr (Kobenhavn)** 61:302-6, Jun 69

Oestrogen binding sites in the chicken oviduct similar to those of the mouse uterus. Terenius L. **Acta Endocr (Kobenhavn)** 60:79-90, Jan 69

Influence of sex hormones on gastric acid secretion in the guinea pig. Katz S, et al. **Amer J Physiol** 217:370-5, Aug 69

Ribosomes of mouse kidney: regulation by androgens. Kochakian CD, et al. **Amer J Physiol** 217:383-91, Aug 69

Structural luteolysis of induced corpora lutea in "androgen-sterilized" rats. Malven PV, et al. **Anat Rec** 165:55-60, Sep 69

Stratified squamous metaplasia of the uterine epithelium in early androgen-treated rats and its inhibition by light deprivation. Reiter RJ. **Anat Rec** 164:479-87, Aug 69

Studies on the microsomi sodium-plus-potassium ion-stimulated adenosine triphosphatase system in rat ventral prostate. Ahmed K, et al. **Biochem J** 113:829-36, Aug 69

Olfactory and hormonal influences on the basal forebrain of the male rat. Pfaff DW, et al. **Brain Res** 15:137-56, Sep 69

Effect of testosterone enanthate (NSC-1759) on erythropoiesis in irradiated mice given marrow transfusions. Gallagher NI, et al. **Cancer Chemother Rep** 52:627-30, Oct 68

Effect of hormones on the chondroitin sulfate metabolism of chick embryo femora growing in vitro. 3. Effect of sex steroids on chondroitin sulfate synthesis in the cartilagenous bones growing in the natural medium. Endo H, et al. **Endocr Jap** 16:115-9, Feb 69

Alteration by neonatal hypothyroidism of the critical period for the induction of persistent estrus in the rat. Kikuyama S. **Endocr Jap** 16:269-73, Apr 69

Effects of steroids on the release of luteinizing hormone in the rat. Kobayashi F, et al. **Endocr Jap** 16:251-60, Apr 69

Effects of estrogen administration on testosterone-induced growth and increase in enzyme activities in the ventral prostate of castrated rats. Shimazaki J, et al. **Endocr Jap** 16:163-9, Feb 69

Presence of hypothalamo-pituitary testicular axis in the early postnatal period. Yagimura T, et al. **Endocr Jap** 16:5-10, Feb 69

Effects of testosterone administration on RNA synthesis in kidney of castrated rats. Yamanaka H, et al. **Endocr Jap** 16:29-36, Feb 69

Aggressive behavior and seminal vesicle function in mice: differential sensitivity to androgen given neonatally. Bronson FH, et al. **Endocrinology** 85:971-4, Nov 69

Control of mitochondrial lipid biosynthesis by testosterone in male sex accessory gland tissue of normal rats. Doeg KA. **Endocrinology** 85:974-6, Nov 69

A positive feedback action of androgen on pituitary follicle stimulating hormone: induction of a cyclic phenomenon. Johnson DC, et al. **Endocrinology** 85:881-5, Nov 69

Dissociation of reproductive physiology and behavior induced by neonatal treatment with steroids. Thomas TR, et al. **Endocrinology** 85:781-4, Oct 69

Effects of 17alpha-ethinyl-19-nor-testosterone acetate on pituitary and serum levels of ICSH and FSH in female rats. Kraehahn G, et al. **Europ J Pharmacol** 6:303-11, 1969

Maintenance of thyroid activity with some steroids in hypophysectomized and gonadectomized catfish, Mystus vittatus (Bloch). Singh TP. **Experientia** 25:431, 15 Apr 69

Hormonal control of incubation patch development in the California quail Lophortyx californicus. Jones RE. **Gen Comp Endocr** 13:1-13, Aug 69

Intracellular regulation of nucleic acids of mouse kidney by androgens. Kochakian CD. **Gen Comp Endocr** 13:146-50, Aug 69

Hormones and cholesterol ester metabolism. Schweppe JS, et al. **J Amer Geriat Soc** 17:740-54, Aug 69 (67 ref.)

Observations on the formation of secretion by the cells of the 'convoluted granular tubules' of the submandibular gland of the rat. Materazzi G, et al. **J Anat** 105:163-70, Jul 69

Absence of response to dihydrotestosterone in the syndrome of testicular feminization. Strickland AL, et al. **J Clin Endocr** 29:1284-6, Sep 69

Influence of pretreatment with testosterone and nandrolone on the reactivity of guinea-pig isolated seminal vesicles to angiotensin and tyramine. Gascon AL, et al. **J Pharm Pharmacol** 21:325-6, May 69

Effect of steroid hormones on the parathyroid hormone dose-response curve. Magargal LE, et al. **J Pharmacol Exp Ther** 169:138-41, Sep 69

Inhibition by steroids of parathyroid hormone-induced Ca45 release from embryonic rat bone in vitro. Stern PH. **J Pharmacol Exp Ther** 168:211-7, Aug 69

Effect of estradiol, testosterone, cortisone acetate,

somatotropin, thyrotropin and parathyroid hormone on the lumbar intervertebral disc in growing dogs. Paatsama S, et al. J Small Anim Pract 10:351-4, Aug 69

Effects of testosterone and of tri-iodothyronine on the levels of mitochondrial DNA and RNA from rat liver. De Leo T, et al. Life Sci 8:747-55, 15 Jul 69

Partial characterization of the RNA stimulating growth of the seminal vesicle. Fujii T, et al. Proc Nat Acad Sci USA 62:836-43, Mar 69

Endocrine activities of some novel steroids. McKinney GR, et al. Steroids 14:91-5, Aug 69

The development of sexual dimorphism in transplanted mouse pelves. Southwick FS, et al. Yale J Biol Med 41:446-7, Jun 69

[Influence of castration and testosterone on the in vitro biosynthesis of ribonucleic acids in rat cerebral cortex, hypothalamus, and pituitary gland] Valotaire Y, et al. Bull Soc Chim Biol (Paris) 51:211-24, 26 Jun 69 (Fre)

[Action of injection of m-tyrosine on infundibulo-tuberal monoamines of female guinea pigs and male guinea pigs treated with testosterone] Léonardelli J. C R Soc Biol (Paris) 162:1956-9, May 69 (Fre)

[Effect of dietary testosterone in prepubescent male rats with or without a vitamin deficiency] Ratsimamanga AR, et al. J Physiol (Paris) 60:Suppl 2:526-7, 1968 (Fre)

[Action of anabolic steroids on the development of the genital system in the rabbit. VI. Anabolic and androgenic activity of 13 beta-ethyl-17 beta-hydroxy-17 alpha-ethyl-4-gonen-3-one (Norboletone) in the rat] Ferrari W, et al. Boll Soc Ital Biol Sper 44:1310-3, 31 Aug 68 (Ita)

[Comparative study of hormonal influences on the testis and accessory sex organs in rats] Ronzoni G, et al. Chir Pat Sper 15:367-75, Jul-Sep 67 (Ita)

[Nipiopharmacology of steroid hormones] Macciotta A. Minerva Nipiol 17:204-38, Nov-Dec 67 (746 ref.) (Ita)

[Histochemical study on lactic dehydrogenase of the seminal vesicles] Tatsumi A. Acta Urol Jap 15:428-46, Jun 69 (Jap)

[Studies on sex chromatin. Alteration in the frequency of sex chromatin induced by various exogenous hormones] Tanda H, et al. Jap J Urol 60:427-32, May 69 (Jap)

["Androgenic shock" during treatment of prostate gland cancer] Religa Z. Pol Przegl Chir 41:Suppl 4a:534+, 1969 (Pol)

[Morphology of the smooth muscle cells of the vascular tunica media in several regional hemodynamic changes] Kaufman OIa. Arkh Pat 30:22-6, 1968 (Rus)

[Use of anabolic hormones for the treatment of cardiovascular patients] Zharov EI, et al. Kardiologiia 9:144-53, Jan 69 (98 ref.) (Rus)

[Sexual differentiation of the hypothalamus (review of the literature)] Babichev VN. Probl Endokr (Moskva) 15:120-4, May-Jun 69 (48 ref.) (Rus)

[The effects of adrenalectomy on the sensitivity of the albino rat ovaries to chorionic gonadotropin in its simultaneous administration with estrogens, androgens and progesterone] Kharchenko SF. Probl Endokr (Moskva) 13:111-5, May-Jun 67 (Rus)

[The effect of destruction and stimulation of the paraventricular and supraoptical nuclei of the hypothalamus on the sensitivity of rat ovaries to gonadotropin, estrogens, androgens and progesterone] Myslitskii VF. Probl Endokr (Moskva) 15:72-6, May-Jun 69 (Rus)

[Change of the function of the hypothalamo-hypophyseo-ovarian system in rats with constant estrus] Propp MV, et al. Probl Endokr (Moskva) 13:106-11, May-Jun 67 (Rus)

[The effect of male sex hormones on the thyroid gland function in hypogonadism and Kleinfelter's syndrome] Starkova NT, et al. Probl Endokr (Moskva) 14:23-9, Jul-Aug 68 (Rus)

[The effect of gonadectomy and of testosterone propionate administration on biosynthesis of cytoplasmatic RNA fractions in rat liver] Tishenina RS, et al. Probl Endokr (Moskva) 14:64-8, Jul-Aug 68 (Rus)

[Early steroid regulation of sexual differentiation of the brain (review of the literature)] Vunder PA. Probl Endokr (Moskva) 15:114-20, May-Jun 69 (53 ref.) (Rus)

[Uterine karyometrical changes due to testosterone and chorionic gonadotropin] Rodriguez LP, et al. Arch Inst Farmacol Exp (Madrid) 19:49-62, 1967 (Spa)

[Action of testosterone and anabolic steroid derivatives on cellular growth] Mundo Salvador A. Rev Clin Esp 114:53-60, 15 Jul 69 (Spa)

[Hormonal inhibition of spermatogenesis in man] Jarpa A, et al. Rev Med Chile 95:495-500, Sep 67 (Spa)

PHYSIOLOGY

Control of mitochondrial lipid biosynthesis by testosterone in male sex accessory gland tissue of normal rats. Doeg KA. Endocrinology 85:974-6, Nov 69

Hormonal regulation of aminopyrine N-demethylase system in rat liver. Ichii S, et al. J Biochem (Tokyo) 65:597-601, Apr 69

The role of the hypothalamus in hormonal sex differentiation. Hyyppä M. Rev Roum Physiol 5:289-99, 1968

[Newer clinical and experimental aspects of androgens] Tamm J. Deutsch Med J 20:452-3, Jul 69 (Ger)

SECRETION

A clinical and metabolic study of masculinizing arrhenoblastoma. Sato T, et al. Amer J Obstet Gynec 104:1124-30, 15 Aug 69

THERAPEUTIC USE

A case of Klinefelter's syndrome with 48,XXXY and diabetes mellitus. Esmann V, et al. Acta Med Scand 186:27-33, Jul-Aug 69

Serum calcium and magnesium concentration during early labor and the postpartum period. Rice BF, et al. Amer J Obstet Gynec 104:1159-62, 15 Aug 69

Penile erections during sleep. Jovanović UJ, et al. Arzneimittelforschung 19:966-74, Jun 69

Absence of response to dihydrotestosterone in the syndrome of testicular feminization. Strickland AL, et al. J Clin Endocr 29:1284-6, Sep 69

An account of the Birmingham "sextuplets". Aiken RA. J Obstet Gynaec Brit Comm 76:684-91, Aug 69

Fibrinogenesis imperfecta ossium. Thomas WC Jr, et al. Trans Amer Clin Climat Ass 80:54-62, 1969

[On the origin of male sexual disorders due to a biotin deficiency. Hormone and vitamin treatments] Delost P, et al. Arch Sci Physiol (Paris) 23:243-68, 1969 (Fre)

[Factors stimulating liver regeneration; role of anabolic steroids in reactive regeneration in chronic liver diseases] Nicolaescu T, et al. Rev Roum Physiol 6:119-26, 1969 (Fre)

[Current therapeutic possibilities in idiopathic myelofibrosis. Observations on 47 cases] Perugini S, et al. Clin Ter 45:21-60, 15 Apr 68 (102 ref.) (Ita)

[Current possibilities of medical treatment for "secretory" male sterility] Valsecchi A, et al. Minerva Ginec 20:1831-9, 15 Dec 68 (Ita)

["Androgenic shock" during treatment of prostate gland cancer] Religa Z. Pol Przegl Chir 41:Suppl 4a:534+, 1969 (Pol)

[On the necessity of limiting the indications for the use of testosterone in the hormonal treatment of women] Teter J. Pol Tyg Lek 24:1185-7, Aug 69 (18 ref.) (Pol)

[Pancytopenia and virus hepatitis] Tenczyński L, et al. Wiad Lek 22:1215-20, 1 Jul 69 (Pol)

[Regenerative processes in the cardiac muscle in the healing of experimental myocardial infarct (data of several quantitative studies)] Vitkus AS. Arkh Anat 56:53-7, Jan 69 (Rus)

[Use of anabolic hormones for the treatment of cardiovascular patients] Zharov EI, et al. Kardiologiia 9:144-53, Jan 69 (98 ref.) (Rus)

[Current state and prerequisites for improvement of hormone therapy in cryptorchism (review of the literature)] Iunda IF, et al. Probl Endokr (Moskva) 15:112-6, Mar-Apr 69 (113 ref.) (Rus)

[The effect of male sex hormones on the thyroid gland function in hypogonadism and Kleinfelter's syndrome] Starkova NT, et al. Probl Endokr (Moskva) 14:23-9, Jul-Aug 68 (Rus)

[Evaluation of the usefulness of estanozolol in the treatment of the bone marrow insufficiency syndrome. Preliminary study based on the review of 22 cases] Gonzalez R, et al. Sangre (Barc) 14:158-64, 1969 (Spa)

URINE

Studies on sex hormone excretion in normal and

hirsute women. Ismail AA, et al.
Acta Endocr (Kobenhavn) 61:283-92, Jun 69

Urinary excretion of androstenedione, testosterone, epitestosterone and dehydroepiandrosterone during the normal menstrual cycle. Longhino N, et al.
Acta Endocr (Kobenhavn) 59:644-51, Dec 68

Urinary levels of testosterone and epitestosterone in Down's syndrome (mongolism). Peters A, et al.
Clin Chim Acta 25:199-203, Aug 69

A simplified determination of urinary testosterone utilizing column and gas-liquid chromatography. Watson JT.
J Chromatogr 43:339-49, 9 Sep 69

Recent studies on androgenic function in human subjects. Ismail AA, et al.
J Obstet Gynaec Brit Comm 75:929-40, Sep 68 (78 ref.)

Excretion of testosterone and epitestosterone glucuronides in pre-school, pre-adolescent and adolescent children. Gupta D, et al.
Steroids 14:343-67, Sep 69

[Method for determining testosterone and epitestosterone in human urine] Drosdowsky MA, et al.
Bull Soc Chim Biol (Paris) 50:1723-37, 30 Jan 69 (Fre)

[Urinary testosterone and epitestosterone in gynecology practice] Ingiulla W, et al.
Rev Franc Endocr Clin 10:109-20, Mar-Apr 69 (Fre)

[Principle of electron capture detection in gas-liquid chromatography and application to the determination of steroids] Drosdowsky MA.
Rev Franc Etud Clin Biol 14:420-7, Apr 69 (35 ref.) (Fre)

[On the alkyl-substituted steroids. V. Testosterone excretion in man after oral administration of 1alpha-methyl-5alpha-androstane-17beta ol-3-one(mesterolone) and 17-alpha-methyl-androst-4-en-17beta-ol-3-one (17 alpha-methyltestosterone)] Gerhards E, et al.
Arzneimittelforschung 19:765-6, May 69 (Ger)

[Method for gas chromatographic determination of testosterone in the urine] Nieuweboer B, et al.
Arzneimittelforschung 19:761-4, May 69 (Ger)

[Various endocrinal aspects of "idiopathic hypertrichosis"] Schiatti E, et al.
Arch Ostet Ginec 73:992-1010, Nov-Dec 68 (Ita)

[Testosterone in the urine of women] Drobnjak P.
Lijecn Vjesn 90:881-4, Sep 68 (Cro)

[Excretion of testosterone in idiopathic hirsutism] Starčević Z, et al.
Lijecn Vjesn 90:837-42, Sep 68 (Cro)

GONADS

IV. Related Topics

CASTRATION

Uterine contractility during altered vascular pressure in the castrated monkey. Whiteside JH, et al. **Amer J Obstet Gynec 105:418-26, 1 Oct 69**

Effects of testosterone administration on RNA synthesis in kidney of castrated rats. Yamanaka H, et al. **Endocr Jap 16:29-36, Feb 69**

Persistence of sexual behavior in ovariectomized-adrenalectomized rabbits treated with cortisol. Beyer C, et al. **Endocrinology 85:790-3, Oct 69**

Cytochrome oxidase activity in different hypothalamic areas. Influence of castration. Moguilevsky JA, et al. **Experientia 25:378-9, 15 Apr 69**

Influence of hemicastration on morphological gonade structure and development of spermiogenic epithelium in male infantile rats. Figarová V. **Folia Morph (Praha) 17:348-54, 1969**

Release of gonadotrophin in ovariectomized mice after exposure to males. Bronson FH, et al. **J Endocr 44:293-7, Jul 69**

Induction of implantation of blastocysts transferred to ovariectomized mice. Humphrey KW. **J Endocr 44:299-305, Jul 69**

Uptake of (3H)oestradiol by dimethylbenzanthracene-induced rat mammary tumours regressing spontaneously or after ovariectomy. Mobbs BG. **J Endocr 44:463-4, Jul 69**

Oophorectomy in postmenopausal women with breast cancer. **Lancet 2:366, 16 Aug 69**

On the use of synthesis inhibitors to estimate brain norepinephrine synthesis in gonadectomized rats. Wurtman RJ, et al. **Life Sci 8:1015-22, 1 Sep 69**

The anterior pituitary of the Japanese quail, Coturnix coturnix japonica. The cytological effects of photoperiodic stimulation. Tixier-Vidal A, et al. **Z Zellforsch 92:610-35, 1968**

[Influence of castration and testosterone on the in vitro biosynthesis of ribonucleic acids in rat cerebral cortex, hypothalamus, and pituitary gland] Valotaire Y, et al. **Bull Soc Chim Biol (Paris) 51:211-24, 26 Jun 69 (Fre)**

[The castration of the boar with closure of the wound by clamps. (Brief clinical report)] Czub E. **Deutsch Tieraerztl Wschr 76:433-4, 15 Aug 69 (Ger)**

[The effect of Menrium on the vaginal cell picture in female castrates and the influencing of so-called climacteric disorders] Ziemann H, et al. **Med Welt 28:1571-4, 12 Jul 69 (Ger)**

[Glucose tolerance following previous castration] Methfessel HD, et al. **Z Ges Inn Med 24:309-11, 15 May 69 (Ger)**

[Ultrastructural findings in the adrenal cortex cells after castration in rats] Sanfilippo S. **Chir Pat Sper 15:700-20, Oct-Dec 67 (Ita)**

ADVERSE EFFECTS

Cytological and cytochemical comparative study on the effect of cyproterone (anti-androgen) and gonadectomy on the gonadotrophic cells of the hypophysis in male rats. Mietkiewski K, et al. **Acta Endocr (Kobenhavn) 61:293-301, Jun 69**

VETERINARY

[A study of 17-ketosteroids in the urine of wethers castrated by various methods] Melikian AO, et al. **Veterinariia 44:84-6, Jul 67 (Rus)**

[Slaughter yield of meat and by-products of boars castrated by various methods] Rud' IA, et al. **Veterinariia 44:103-6, Feb 67 (Rus)**

ESTRUS

The dependency of the rat estrous cycle on the daily alternation of light and dark. Takahashi M, et al. **Endocr Jap 16:87-102, Feb 69**

Ovarian secretion of progesterone and 20alpha-hydroxypregn-4-en-3-one during rat estrous cycle in chronological relation to pituitary release of luteinizing hormone. Uchida K, et al. **Endocr Jap 16:227-37, Apr 69**

Radioimmunoassay determination of luteinizing hormone during the estrous cycle of the rat. Monroe SE, et al. **Endocrinology 85:720-4, Oct 69**

Estrus and general activity in the rat. Finger FW. **J Comp Physiol Psychol 68:461-6, Jul 69**

Comparative study of ovarian hypertrophy and estral cycle in rats with two different mesencephalic lesions. Griñó E, et al. **J Neurovisc Relat 31:76-85, 1968**

Modification of the oestrous cycle of the underfed rat associated with the time of feeding. Cooper KJ, et al. **J Reprod Fertil 19:577-9, Aug 69**

The influence of nutrition during post-lactational oestrus on ovulation rate in the sow and the accuracy of corpora lutea counts in estimating ovulations. Hardy B, et al. **J Reprod Fertil 19:555-7, Aug 69**

Ovarian bloodflow in sheep during the oestrous cycle. Mattner PE, et al. **J Reprod Fertil 19:547-9, Aug 69**

Peripheral plasma progesterone levels during the bovine oestrous cycle. Stabenfeldt GH, et al. **J Reprod Fertil 19:433-42, Aug 69**

Relaxing activity during the oestrous cycle of the marsupial, Trichosurus vulpecula (Kerr). Tyndale-Biscoe CH. **J Reprod Fertil 19:191-3, Jun 69**

The histology of the vaginal epithelium of the sow in oestrus and its use in pregnancy diagnosis. Morton DB, et al. **Vet Rec 84:658-62, 28 Jun 69**

[Modifications of monoaminergic fibers and cells of the guinea pig infundibulo-tuberal region during the estral cycle] Léonardelli J. **C R Soc Biol (Paris) 162:1937-40, May 69 (Fre)**

[Electron microscopic studies on the vaginal epithelium of the rat during the estrus cycle] Stegner HE, et al. **Z Mikr Anat Forsch 76:491-508, 1967 (Ger)**

[Influence of a factor connected with the original offspringn the regulation of the estrus cycle in rats and relation between the type of estral cycle and the behavior of sensitivity to deciduogenic stimulation] Rossi Cartoni C, et al. **Ann Ist Sup Sanit 3:135-48, 1967 (Ita)**

[Study on physiological action of LH-RF (luteinizing hormone releasing factor) using rats with continuous estrus] Ichikawa H. **J Jap Obstet Gynec Soc 21:245-54, Mar 69 (Jap)**

[Metabolism of catecholamines in the brain and sexual cycle. 2] Kurachi K, et al. **Saishin Igaku 24:997-1001, May 69 (Jap)**

[Causative relations between pituitary luteinizing hormone release and secretion of ovarian steroid in sexual cycles in rats] Miyake T. **Saishin Igaku 24:1012-23, May 69 (Jap)**

[Change of the function of the hypothalamo-hypophyseo-ovarian system in rats with constant estrus] Propp MV, et al. **Probl Endokr (Moskva) 13:106-11, May-Jun 67 (Rus)**

DRUG EFFECTS

Alteration by neonatal hypothyroidism of the critical period for the induction of persistent estrus in the rat. Kikuyama S. **Endocr Jap 16:269-73, Apr 69**

Induction of prolonged diestrus in the rat by a low level of estrogen. Gilmore DP, et al. **Endocrinology 85:799-801, Oct 69**

Induction of prolonged diestrus in the rat by a low level of estrogen. Gilmore DP, et al. **Endocrinology 85:946-8, Nov 69**

[Hypophysectomy at the beginning of the estral cycle in rats; reestablishment of vaginal estrus and aptitude to ovulation by pituitary gonadotrophins] Acker G, et al. **C R Acad Sci [D] (Paris) 268:2934-7, 16 Jun 69 (Fre)**

[Lengthening of the estral cycle in rats by pituitary luteinizing hormone] Alloiteau JJ, et al. **C R Acad Sci [D] (Paris) 268:826-9, 3 Feb 69 (Fre)**

PHYSIOLOGY

Repeatability of oestrous cycle length in hariana cattle. Bhasin NR. Indian Vet J 46:502-6, Jun 69
Physiological and biochemical changes in cervix of goats during oestrus cycle. Datta IC, et al. Indian Vet J 46:490-2, Jun 69
Oestrous cycle in triparabiotic rats. Prakash P. Indian Vet J 46:493-7, Jun 69
The hypothalamic regulation of thyrotrophic hormone secretion during the estrous cycle. Soliman FA, et al. Zbl Veterinaermed [A] 16:471-5, Jul 69

FEMINIZATION

CHEMICALLY INDUCED

[Change in sexual specificity with respect to the reduction of androstenedione by hydrogen from estradiol-17beta in rat liver following feminization by cyproterone acetate] Wenzel M, et al. Hoppe Seyler Z Physiol Chem 350:791-2, Jun 69 (Ger)

OVULATION

The uptake of (6,7-3H) 17beta-oestradiol by tissues of the domestic fowl during an ovulation cycle. Hawkins RA, et al. Acta Endocr (Kobenhavn) 60:210-5, Feb 69
The uptake of (6,7-3H) 17beta-oestradiol by tissues of the domestic fowl. Hawkins RA, et al. Acta Endocr (Kobenhavn) 60:199-209, Feb 69
The relation between plasma progesterone and total urinary oestrogens following induction of ovulation in women. Johansson ED, et al. Acta Endocr (Kobenhavn) 62:89-97, Sep 69
Periovulatory levels of plasma progesterone and luteinizing hormone in women. Johansson ED, et al. Acta Endocr (Kobenhavn) 62:82-8, Sep 69
Patterns of urinary FSH excretion during ovulatory and anovulatory menstrual cycles. Persson BH, et al. Acta Endocr (Kobenhavn) 59:573-8, Dec 68
Histological and histochemical studies of human anovulatory ovaries correlated with endocrinological analysis. Mori T. Acta Obstet Gynaec Jap 16:156-64, Jul 69
Glucose metabolism in the superovulated rat ovary in vitro. Effects of luteinizing hormone and the role of glucose metabolism in steroidogenesis. Flint AP, et al. Biochem J 112:243-54, Apr 69
Pituitary regulation of preovulatory estrogen secretion in the rat. Hori T, et al. Endocr Jap 16:351-60, Jun 69
Vaginal smear in mice as an indicator of ova in oviduct. Batra BK, et al. Indian J Exp Biol 7:93-5, Apr 69
Phosphate excretion in the laying hen. Martindale L. J Physiol (London) 203:82P-83P, Jul 69
The influence of nutrition during post-lactational oestrus on ovulation rate in the sow and the accuracy of corpora lutea counts in estimating ovulations. Hardy B, et al. J Reprod Fertil 19:555-7, Aug 69
Estimation of the optimum interval between insemination and ovulation in the rabbit by double insemination. Miller OC, et al. J Reprod Fertil 19:545-6, Aug 69
Activation of membrane associated ATPase in hen's egg after ovulation. Haaland JE, et al. Nature (London) 223:1275-6, 20 Sep 69
Laboratory observations of aedine mosquito oviposition (diptera, culicidae, aedes). Knight KL, et al. Proc Ann Conf Calif Mosquito Contr Ass 35:100-3, 1967
Egg laying habits of the deer fly Chrysops discalis Williston, in marshes bordering the Great Salt Lake, Utah. Knudsen AB, et al. Proc Ann Conf Calif Mosquito Contr Ass 35:103-5, 1967
[On an oviduct acellular system in laying chickens] Gerlinger P, et al. C R Soc Biol (Paris) 162:2295-8, 1968 (Fre)
[Unit activity in the hypothalamus studied in relation to ovulation in free chronic rabbits] Faure JM, et al. J Physiol (Paris) 60:Suppl 2:439+, 1968 (Fre)
[The microvascularization of vaginal mucosa and its variations during the ovarian cycle women] Koritke JG, et al. Z Zellforsch 99:37-53, 1969 (Fre)
[From ovulation to implantation (report)] Buchholz R. Arch Gynaek 207:177-86, 1969 (Ger)
[The central stimuli for follicular ripening and ovulation] Buchholz R. Arch Gynaek 207:107-23, 1969 (132 ref.) (Ger)
[Metabolic processes in the ovary with regard to follicular ripening and ovulation] Jung G. Arch Gynaek 207:124-35, 1969 (Ger)
[Participation of ascorbic acid in ovulation] Paeschke KD. Arch Gynaek 207:54-5, 1969 (Ger)
[Influence of a factor connected with the original offspringn the regulation of the estrus cycle in rats and relation between the type of estral cycle and the behavior of sensitivity to deciduogenic stimulation] Rossi Cartoni C, et al. Ann Ist Sup Sanit 3:135-48, 1967 (Ita)
[Blood citrates in laying chickens] Zannelli C. Arch Vet Ital 18:415-8, 31 Dec 67 (Ita)
[Study on physiological action of LH-RF (luteinizing hormone releasing factor) using rats with continuous estrus] Ichikawa H. J Jap Obstet Gynec Soc 21:245-54, Mar 69 (Jap)
[Mechanism of the hypothalamus autonomic nervous system and ovulation] Kobayashi T, et al. Saishin Igaku 24:1024-6, May 69 (Jap)
[Principles of the ovulation phenomenon] Iizuka R, et al. Sanfujin Jissai 18:294-300, Apr 69 (42 ref.) (Jap)
[Endocrinological consideration of ovulation] Tojo S, et al. Sanfujin Jissai 18:285-93, Apr 69 (46 ref.) (Jap)
[Determination of fertility and infertility days in women according to a combination of ovulation symptoms and basal body temperature] Biel K. Folia Med Cracov 11:17-36, 1969 (Pol)
[Conversion of 14C-4-17-beta-estradiol to 14C-4-estrone in the ovary during the sexual cycle] Jakowicki J, et al. Ginek Pol 40:669-75, Jun 69 (Pol)

DRUG EFFECTS

Effect of thiourea on ovulation in vitro in the skipper frog, Rana cyanophlyctis (Schn). Sarkar HB, et al. Acta Endocr (Kobenhavn) 60:173-6, Jan 69
Biological properties of three ovulation inducers, stilboestrol, clomiphene and F 6066. Watnick AS, et al. Acta Endocr (Kobenhavn) 59:611-21, Dec 68
Adenosine 3',5' monophosphate as an inhibitor of ovulation and reproduction. Ryan WL, et al. Amer J Obstet Gynec 105:121-3, 1 Sep 69
Effects of steroids on the release of luteinizing hormone in the rat. Kobayashi F, et al. Endocr Jap 16:251-60, Apr 69
Selective inhibition of superovulation by blockade of dopamine synthesis during the "critical period" in the immature rat. Kordon C, et al. Endocrinology 85:924-31, Nov 69
The action of chlormadinone acetate (6-chloro-delta6-dehydro-17alpha-acetoxyprogesterone) upon experimentally induced ovulation in the rabbit. Harris GW, et al. J Physiol (London) 203:59-66, Jul 69
Facilitation of gonadotrophin-induced ovulation in adult rats by estrogens. Husain SM. Rev Canad Biol 28:137-8, Jun 69
Effect of a progestinestrogen combination (Enovid) on pituitary gonadotrophin and ovulation in rats. Husain SM, et al. Rev Canad Biol 27:431-5, Dec 68
Application of controlled ovulation in the artificial insemination of pigs. Reed HC. Vet Rec 85:271, 6 Sep 69
[Apropos of the suppression of the ovulation by pure estrogens] Hontela S. Bull Fed Gynec Obstet Franc 19:101-5, Apr-May 67 (Fre)
[Hypophysectomy at the beginning of the estral cycle in rats; reestablishment of vaginal estrus and aptitude to ovulation by pituitary gonadotrophins] Acker G, et al. C R Acad Sci [D] (Paris) 268:2934-7, 16 Jun 69 (Fre)
[Luteinizing action of a folliculostimulating preparation (FSH) in mature rats] Aron C, et al. C R Acad Sci [D] (Paris) 268:830-3, 3 Feb 69 (Fre)
[Studies concerning the action mechanism of a retrosteroid, RO 4-8347] Béguin F, et al. Gynaecologia (Basel) 167:450-61, 1969 (Fre)
[Medicinal ovulation induction] Zander J. Arch Gynaek 207:406-9, 1969 (Ger)
[A serial method for ovulation inhibition using ethinyl estradiol] McBride WG. Arzneimittelforschung 19:1271-3, Aug 69 (Ger)
[Inhibition of ovulation in rats by thiocyanate] Diamantstein T. German Med Monthly 14:197-8, Apr 69 (Ger)
[The effect of a single gonadotropin application in anovulation] Keller PJ, et al. Gynaecologia (Basel) 167:434-8, 1969 (Ger)
[Effect of the gestagen RO 4-8347] Lutziger H. Gynaecologia (Basel) 167:444-9, 1969 (Ger)
[The "sequential" method with a new

estrogen-progesterone combination in ovulation control] Bailo U, et al.
Minerva Ginec 20:1885-7, 15 Dec 68 (Ita)
[Inhibition of ovulation by means of estrogen depot and gestagen depot] Hashiguchi A.
Sanfujin Jissai 18:334-9, Apr 69 (Jap)
[Combined effect of HMG and Clomid on ovulation] Misono Y, et al. Sanfujin Jissai 18:307-13, Apr 69 (Jap)
[Clinical effect of F 6066 on ovulation] Nishimura T, et al. Sanfujin Jissai 18:301-6, Apr 69 (Jap)
[Combined effect of HMG and HCG on ovulaton (statistical reports in Japan)] Tanaka Y.
Sanfujin Jissai 18:314-9, Apr 69 (Jap)
[Morphological study of the human ovary as affected by various steroids and the intrauterine device, used to control fertility] Zañartu J, et al.
Rev Med Chile 95:512-21, Sep 67 (Spa)
[Anovulation and clomiphene citrate] Martínez JT, et al. Rev Obstet Ginec Venez 27:691-700, 1967 (Spa)

PHYSIOLOGY

[Ovulation, ovum and spermatozoa transport] Zerobin K. Schweiz Arch Tierheilk 111:305-21, Jun 69 (Ger)

PUBERTY

Growth and development of the Kaiapit children of the Markham Valley, New Guinea. Malcolm LA.
Amer J Phys Anthrop 31:39-51, Jul 69
Pubertal influence upon the growth and sexual differentiation of the human mandible. Srael H.
Arch Oral Biol 14:583-90, Jun 69
The physiological maturity of adolescent psychiatric patients, juvenile delinquents and normal teenagers. Henderson AS. Brit J Psychiat 115:895-905, Aug 69
Day wetting in boys. Brit Med J 3:428, 23 Aug 69
Abnormal height in children. Hamilton W.
Develop Med Child Neurol 11:521-4, Aug 69
Growth and maturity. Marshall WA.
Develop Med Child Neurol 11:517-8, Aug 69
Growth of the endocrine organs of female hamsters blinded at 25 days of age. Reiter RJ.
Experientia 25:751-2, 1969
Effects of estrogen or progesterone on prepuberal ovaries implanted in castrated adult male rats. Riboni L, et al. Experientia 25:754-5, 1969
Changes in sialic acid in the testis and epididymis of the rat during the onset of puberty. Rajalakshmi M, et al.
J Endocr 44:379-85, Jul 69
Childhood epilepsy with late detection of cerebral glioma. Page LK, et al. J Neurosurg 31:253-61, Sep 69
Trend analysis of heart rate deceleration following graded intensities of exercise of two groups of pubescent boys. Campbell DE.
J Sports Med 9:110-8, Jun 69
Growth and development of the Lumi child in the Sepik district of New Guinea. Wark L, et al.
Med J Aust 2:129-36, 19 Jul 69
[Diagnosis: puberty] Brtníková M.
Zdrav Prac 19:387-9 contd, Jul 69 (Cze)
[Diagnosis: puberty] Brtníková M.
Zdrav Prac 19:435-7 contd, Aug 69 (Cze)
[Medical treatment of child and adolescent bronchiectasis. (Experience in a specialized climatic center)] Latarjet M, et al.
Ann Pediat (Paris) 16:348-52, 2 May 69 (Fre)
[Effect of dietary testosterone in prepubescent male rats with or without a vitamin deficiency] Ratsimamanga AR, et al.
J Physiol (Paris) 60:Suppl 2:526-7, 1968 (Fre)
[Indication for female hormones in substitution therapy] Lebeau JM.
Rev Med Liege 22:227-9, 15 Apr 67 (Fre)
[Histological and experimental studies on the interventricular organ in man and various mammals] Watermann R.
J Neurovisc Relat 31:195-221, 1969 (Ger)
[Psychiatric problems in childhood and adolescence] Keyserlingk H von.
Psychiat Neurol Med Psychol (Leipzig) 21:212-8, Jun 69 (Ger)
[Nutrition of growing youth] Glatzel H.
Z Allgemeinmed 45:238-54, 28 Feb 69 (Ger)
[The significance of laryngeal asymmetry for vocal performances] Heinemann M.
Z Laryng Rhinol Otol 48:571-80, Aug 69 (Ger)
[On school failure due to the inhibition of intellectual activity in gifted children] Ambrosetto C, et al.
Riv Sper Freniat 91:1719-22, 31 Dec 67 (Ita)
[Influence of emotional disorders on the neuropsychic development during the evolutive age] Benassi P.
Riv Sper Freniat 91:1556-64, 31 Dec 67 (Ita)
[Psychopathologic reactions in gifted children] Campailla G.
Riv Sper Freniat 91:1695-704, 31 Dec 67 (Ita)
[Urinary excretion of 6-beta-hydroxycortisol and other polar corticosteroids in puberty and its changes by ACTH loading] Komiyama J.
Acta Paediat Jap 73:815-20, 1 Jun 69 (Jap)
[Obesity and emaciation in pre-adolescence] Inoue Y, et al. Sanfujin Jissai 18:205-11, Mar 69 (Jap)
[Excretion of 17-ketosteroids in prepubescent girls] Szamatowicz M. Ginek Pol 40:541-7, May 69 (Pol)
[Problem of coexistent encephalopathy and schizophrenia] Januszkiewicz-Grabias A.
Psychiat Pol 3:281-8, May-Jun 69 (Pol)
[Analysis of prepuberty and juvenile schizophrenia] Medyńska L. Psychiat Pol 3:153-8, 1969 (Pol)
[Changes in blood pressure level in boys during puberty. I. Pressure and indices of somatic maturity] Kopczyński J.
Roczn Panstw Zakl Hig 20:215-21, 1969 (Pol)
[Pathological changes of bones contributing to the development of bone sarcoma] Witwicki T, et al.
Wiad Lek 22:1071-6, 15 Jun 69 (Pol)
[Clinical analysis of 100 cases] Espindola LC, et al.
Hospital (Rio) 75:1241-55, Apr 69 (Por)
[A case of myasthenia in puberty with hereditary implications] Dupa G, et al.
Rev Medicochir Iasi 73:467-71, Apr-Jun 69 (Rum)
[Studies on iodine metabolism. V. Goiter with a high renal clearance] Linazasoro JM, et al.
Rev Clin Esp 107:323-5, 15 Dec 67 (Spa)

SEX CHROMATIN

Testicular feminization syndrome. Kaplan SA.
Amer J Dis Child 118:531, Sep 69
Testicular feminization syndrome. Simpson JL, et al.
Amer J Dis Child 118:531, Sep 69
Variations in gonadal hormones and the X chromosome. Lupovitch A, et al.
Amer J Obstet Gynec 105:269-73, 15 Sep 69
The paranucleolar structure, accessory body of Cajal, sex chromatin, and related structures in nuclei of rat trigeminal neurons: a cytochemical and ultrastructural study. Hardin JH, et al.
Anat Rec 164:403-31, Aug 69
Karyotype 45,X-46,XXr-46,XX in a girl affected by gonadal dysgenesis. Amerio JM, et al.
Ann Genet (Paris) 11:258-61, Dec 68
Apparent reversal of X-condensation mechanism in tumors of the female. Straub DG, et al.
Cancer Res 29:1233-43, Jun 69
Biochemical studies in a patient with chromatin-negative Klinefelter's syndrome. Dufau M, et al. Clin Chim Acta 25:389-93, Sep 69
Cytogenetical analysis of an ovine male pseudohermaphrodite and the possible role of the Y chromosome in cryptorchidism of sheep. Bruère AN, et al. Cytogenetics (Basel) 8:148-57, 1969
The temporal appearance of sex chromatin and of the late-replicating X chromosome in blastocysts of the domestic rabbit. Issa M, et al.
Cytogenetics (Basel) 8:219-37, 1969
Frequency of negative sex chromatin among women in mental hospitals. Akesson HO, et al.
Hum Hered 19:43-7, 1969
Isolation of nuclei from sea urchin eggs and embryos. Thaler MM, et al. J Cell Biol 42:846-50, Sep 69
Frequency of diabetes mellitus in patients with Klinefelter's syndrome of different chromosome constitutions and the XYY syndrome. Plasma insulin and growth hormone level after a glucose load. Nielsen J, et al. J Clin Endocr 29:1062-73, Aug 69
A patient with 45,XX,Gminus-46,XX,Gr mosaicism. Blank CE, et al. J Med Genet 6:220-3, Jun 69
Klinefelter's syndrome and essential tremor.
Baughman FA Jr. Lancet 2:545, 6 Sep 69
Sex chromatin in testicular teratomas. Maclean N. Lancet 2:494, 30 Aug 69
Evidence for intergenic complementation in hybrid cells derived from two human diploid strains each carrying an X-linked mutation. Siniscalco M, et al.
Proc Nat Acad Sci USA 62:793-9, Mar 69
Chromosomal abnormalities in clinical medicine. Carr DH. Progr Med Genet 6:1-61, 1969 (362 ref.)
Antenatal diagnosis. Emery AE, et al.
Scot Med J 14:277-81, Aug 69

Dermatoglyphics of XXYY Klinefelter's syndrome. Shiono H. Tohoku J Exp Med 98:1-6, May 69

Histological studies on the testis of Tilapia leucosticta and other species of the genus Tilapia (Pisces: Teleostei). Hyder M. Trans Amer Micr Soc 88:211-31, Apr 69

[Our examination procedure in disorders of the menstruation cycle] Presl J, et al. Cesk Gynek 34:413-5, Sep 69 (Cze)

[Apropos of a translocation of a part of the long arms of a chromosome 5 on the long arms of a chromosome of the D group (Bq-, Dq+)] Beauvais P, et al. Arch Franc Pediat 26:695-704, Jun-Jul 69 (Fre)

[Sex chromatin in ovarian tumors] Egawa J. Endocr Jap 16:17-20, Feb 69 (Ger)

[Cytological findings in a human abortus with predominant tetraploid cells in vitro] Citoler P, et al. Humangenetik 7:109-18, 1969 (Ger)

[Quantitati studies of neuroglia cells in the corpus callosum of growing cats after fixation by perfusion and by immersion] Blenk H. Z Anat Entwicklungsgesch 128:222-34, 1969 (Ger)

[Congenital anorchidism with partial anterior hypopituitarism] Abate G, et al. Folia Endocr (Roma) 21:485-500, Aug 68 (Ita)

[Description of a case of XX-XY mosaicism in a patient with ambiguous external genitalia and female internal genitalia] Minozzi M, et al. Folia Endocr (Roma) 21:431-46, Aug 68 (Ita)

[Turner's syndrome in an infant with thalassemia minima] Rindone E, et al. Pediatria (Napoli) 75:947-59, 31 Dec 67 (Ita)

[Nuclear sex] Saldanha PH. Rev Paul Med 71:243-56, Nov 67 (122 ref.) (Por)

[Cytogenetic aspects of primary amenorrhea] Kristesashvili DzhI. Akush Ginek (Moskva) 45:39-44, May 69 (Rus)

[Reactive changes in the nucleus of leukocytes in sensitization] Sakharov PP, et al. Arkh Pat 30:41-5, 1968 (Rus)

[Some problems of present condition of rapid diagnosis of disorders of the sex chromosome system (review of the literature)] Rezina SN, et al. Lab Delo 5:259-64, 1968 (15 ref.) (Rus)

[Fast and simple method of preparation of stable preparations for detection of sex chromatin] Siuzhinskaia ZA. Lab Delo 9:571-2, 1968 (Rus)

ANALYSIS

Abnormal sex chromatin pattern in cryptorchidism, girls with short stature and other endocrine patients. Bergadá C, et al. Helv Paediat Acta 24:372-7, Aug 69

Histochemical studies on the accessory body of cajal in neurones of the cat. Nayyar RP, et al. J Comp Neurol 132:125-34, Jan 68

[Possibilities of cytogenetic examination in sexual aberrations] Nováček J. Cesk Pediat 24:632-6, Jul 69 (Cze)

[Contribution on the study of pseudohypertrophic muscular dystrophies. II. Pseudohypertrophic muscular dystrophies in females] Radu H, et al. Deutsch Z Nervenheilk 196:116-35, 1969 (Ger)

[Sex diagnosis on body cells] Eberle P. Landarzt 43:863-74, 30 Jun 67 (Ger)

[Sex chromatin in the gonads of men with Klinefelter's syndrome] Herman E, et al. Ginek Pol 40:559-63, May 69 (Pol)

[Karyologic studies in cases of Thomsen's myotonia and atrophic myotonia] Mularek O, et al. Neurol Neurochir Pol 3:311-4, May-Jun 69 (Pol)

DRUG EFFECTS

Vitamin D3-stimulated template activity of chromatin from rat intestine. Hallick RB, et al. Proc Nat Acad Sci USA 63:528-31, Jun 69

[Studies on sex chromatin. Alteration in the frequency of sex chromatin induced by various exogenous hormones] Tanda H, et al. Jap J Urol 60:427-32, May 69 (Jap)

[The decrease of sex chromatin ratio in spinal cord nerve cells of female cats] Romer TE. Endokr Pol 20:343-9, 1969 (Pol)

PHYSIOLOGY

Role of chromatin in estrogen action in the uterus. II. Hormone-induced synthesis of nonhistone acidic proteins which restore histone-inhibited DNA-dependent RNA synthesis. Teng CS, et al. Proc Nat Acad Sci USA 63:465-72, Jun 69

SEX CHROMOSOMES

Variations in gonadal hormones and the X chromosome. Lupovitch A, et al. Amer J Obstet Gynec 105:269-73, 15 Sep 69

Sex chromosome aneuploidy and parental age. Brown WM, et al. Ann Hum Genet 33:1-14, Jul 69

On the calculation of human mutation rates from changes in sex ratio. Traut H. Ann Hum Genet 33:45-51, Jul 69

Chromosomes in polycythaemia vera. Kay HE, et al. Brit J Haemat 17:305-6, Sep 69

Immunoglobulins and the X-chromosome. Rhodes K, et al. Brit Med J 3:439-41, 23 Aug 69

Apparent reversal of X-condensation mechanism in tumors of the female. Straub DG, et al. Cancer Res 29:1233-43, Jun 69

Analysis of male meiosis in Cephalocoema canaliculata Guérin (Orthoptera: Proscopiidae). Dasgupta J. Cellule 67:131-6, 1968

Polytene chromosomes and linkage group-chromosome correlations in the Australian sheep blowfly Lucilia cuprina (Diptera: Calliphoridae). Childress D. Chromosoma 26:208-14, 1969

Chromosome studies of the cultured cells of two species of side-necked turtles (Podocnemis unifilis and P. expansa). Huang CC, et al. Chromosoma 26:245-53, 1969

Karyotypes of four passerine birds belonging to the families Turdidae, Mimidae, and Corvidae. Jovanović V, et al. Chromosoma 26:388-94, 1969

The capacity of the fourth chromosome of Drosophila melanogaster to establish end-to-end contacts with the other chromosomes in salivary-gland cells. Kaufmann BP, et al. Chromosoma 26:395-409, 1969

Chromosomes of the tree shrews (Tupaiidae). Arrighi FE, et al. Cytogenetics (Basel) 8:199-208, 1969

Cytogenetical analysis of an ovine male pseudohermaphrodite and the possible role of the Y chromosome in cryptorchidism of sheep. Bruère AN, et al. Cytogenetics (Basel) 8:148-57, 1969

"Aggression" -- biophysiological aspects. Kermani EJ. Dis Nerv Syst 30:407-14, Jun 69 (84 ref.)

Autoradiographic patterns of chromosome replication in male and female cell derivatives of the Armenian hamster (Cricetulus migratorius). Sonnenschein C, et al. Exp Cell Res 57:13-8, Sep 69

Meiotic chromosomes in the male slender loris, Loris tardigradus lydekkarianus (Cabrera). Rao SR, et al. Experientia 25:422-3, 15 Apr 69

Lethal effect of attached-X deletion in Drosophila melanogaster. Thompson JN Jr, et al. Genet Res 13:325-7, Jun 69

Nutritional conditional mutants of Drosophila melanogaster. Vyse ER, et al. Genet Res 13:281-7, Jun 69

A temperature effect on nondisjunction of the X chromosomes among eggs from aged Drosophila females. Hildreth PE, et al. Genetica 40:191-7, 1969

Sex chromosomes and sex determining mechanisms in Odonata, with a review of the cytological conditions in the family Gomphidae, and references to the karyotypic evolution in the order. Kiauta B. Genetica 40:127-57, 1969

The chromosomes of the caddis-fly, Glyphotaelius pellucidus (Retzius, 1783) (Trichoptera: Limnephilidae, Limnephilinae). Kiauta B, et al. Genetica 40:1-6, 1969

A new chromosomal sex-determining mechanism in Microtus arvalis Pallas. Raicu P, et al. Genetica 40:97-102, 1969

Distorted sex ratios due to segregation distorter in Drosophila melanogaster. Denell RE, et al. Genetics 61:129-39, Jan 69

Evidence for the existence of transformer genes for sex in the teleost Xiphophorus maculatus. Kallman KD. Genetics 60:611-28, Dec 68

The behavior of four neurological mutants of Drosophila. Kaplan WD, et al. Genetics 61:399-409, Feb 69

Phenotypic effects of Y chromosome mutations in Drosophila melanogaster. I. Spermiogenesis and sterility in KL-1- males. Kiefer BI. Genetics 61:157-66, Jan 69

Survival of donor's lymphocytes in new-born infants submitted to exchange transfusion. Borrone C, et al. Helv Paediat Acta 24:192-7, Apr 69

Ultrastructural studies of radiation-induced chromosome damage. Humphrey RM, et al. J Cell Biol 42:745-53, Sep 69

Enlarged satellites and other variants of chromosome structure in a Swiss family. Yunibhand P. J Genet Hum 17:115-26, May 69

Hearing impairment in female carriers of the sex-linked syndrome of deafness with albinism. Fried K, et al. J Med Genet 6:132-4, Jun 69

Genetic counselling in X-linked muscular dystrophy. Emery AE. J Neurol Sci 8:579-87, May-Jun 69

Turner syndrome and Noonan's syndrome. Carballo EC. J Pediat 75:729-30, Oct 69

Turner syndrome and Noonan's syndrome. Summitt RL. J Pediat 75:730-1, Oct 69

Klinefelter's syndrome and essential tremor. Baughman FA Jr. Lancet 2:545, 6 Sep 69

Plasma testosterone and luteinising hormone in XYY men. Hudson B, et al. Lancet 2:699, 27 Sep 69

Disorders of brain and connective tissue in a patient with 47,XYY karyotype. Lehrnbecher W, et al. Lancet 2:796-7, 11 Oct 69

Failure of transmission of the extra chromosome in subjects with 47,XYY karyotype. Melnyk J, et al. Lancet 2:797-8, 11 Oct 69

Repeated abortions in XO-XX mosaicism. Shapiro LR. Lancet 2:806, 11 Oct 69

Inheritance of chronic granulomatous disease. Windhorst DB, et al. Lancet 2:543-4, 6 Sep 69

A case of adult male pseudohermaphroditism: the problems of diagnosis and treatment. Jelinek VM, et al. Med J Aust 2:150-3, 19 Jul 69

Alcohol and society. Saint EG. Med J Aust 2:69-76, 12 Jul 69

Parameters of spontaneous and x-ray-induced reversion of the white-ivory mutant of Drosophila. Bowman JT. Mutat Res 7:409-15, May-Jun 69

Heterologous interchange at meiosis in Drosophila. II. Some disjunctional consequences of interchange. Parker DR. Mutat Res 7:393-407, May-Jun 69

Spontaneous sex-linked recessive lethal frequencies from aged and non-aged spermatozoa of Drosophila melanogaster. Rinehart RR. Mutat Res 7:417-23, May-Jun 69

Familial "myotubular" myopathy. Wijngaarden GK van, et al. Neurology (Minneap) 19:901-8, Sep 69

Hereditary deafness in man (first of three parts). Konigsmark BW. New Eng J Med 281:713-20 contd, 25 Sep 69 (52 ref.)

Possible graft-versus-host reaction after intrauterine transfusion for Rh erythroblastosis fetalis. Naiman JL, et al. New Eng J Med 281:697-701, 25 Sep 69

Hereditary factors in obstetrics and gynecology. Simpson JL, et al. Obstet Gynec Survey 24:580-601, Jul 69 (162 ref.)

Hormonal influences on genetic expression as demonstrated in organ culture studies of reproductive ducts of fetal guinea pigs. Price D, et al. Proc Kon Nederl Akad Wet [Biol Med] 72:370-84, 1969

Evidence for intergenic complementation in hybrid cells derived from two human diploid strains each carrying an X-linked mutation. Siniscalco M, et al. Proc Nat Acad Sci USA 62:793-9, Mar 69

[Possibilities of cytogenetic examination in sexual aberrations] Nováček J. Cesk Pediat 24:632-6, Jul 69 (Cze)

[Current data on sex chromosomes in mammals] Lecher P, et al. Annee Biol 8:167-98, Mar-Apr 69 (Fre)

[Osteodysplasic geroderma of sex-linked heredity, a new clinical and genetic entity] Boreux G. J Genet Hum 17:137-78, May 69 (Fre)

[Cytogenetics of two North-German populations of Nososylius fasciatus Bosc (Aphaniptera)] Bayreuther K. Chromosoma 27:20-46, 1969 (Ger)

[The origin of multiple oocyte nucleoli from accessory DNA bodies in Gryllus domesticus] Kunz W. Chromosoma 26:41-75, 1969 (Ger)

[Distribution of chromosomes to the daughter cell nuclei of multipolar mitoses in euploid tissue cultures of Microtus agrestis] Pera F, et al. Chromosoma 26:337-54, 1969 (Ger)

[Sex chromatin in ovarian tumors] Egawa J. Endocr Jap 16:17-20, Feb 69 (Ger)

[Sex diagnosis on body cells] Eberle P. Landarzt 43:863-74, 30 Jun 67 (Ger)

[Variations in enzymatic patterns in G6PD deficiency and favism] Vecchio F, et al. Minerva Pediat 20:2637-48, 22 Dec 68 (Ita)

[New endocrine disorders attracting current interest--female gonadal system] Tojo S. Clin Endocr (Tokyo) 17:422-6, May 69 (Jap)

[Relation of chromosomal aberration and clinical signs in childhood] Harada Y. J Kumamoto Med Soc 43:387-98, 25 May 69 (131 ref.) (Jap)

[Genetics of progressive muscle dystrophy] Sugita H. Naika 23:670-7, Apr 69 (40 ref.) (Jap)

[Pure gonadal dysgenesis] Matsuoka M, et al. Saishin Igaku 24:1129-39, May 69 (Jap)

ANALYSIS

[The XYY status in children] Keutel J, et al. Z Kinderheilk 106:314-32, 1969 (Ger)

DRUG EFFECTS

A storm in a coffee cup. Bateman AJ. Mutat Res 7:475-8, May-Jun 69

IMMUNOLOGY

[Immunologic relationships between mother and fetus in light of the study of transplantation immunity (review of the literature)] Nikolaevich IA. Akush Ginek (Moskva) 43:17-23, Oct 67 (Rus)

METABOLISM

The temporal appearance of sex chromatin and of the late-replicating X chromosome in blastocysts of the domestic rabbit. Issa M, et al. Cytogenetics (Basel) 8:219-37, 1969

Rates of DNA synthesis in heterochromatic and euchromatic segments of the chromosome complements of two rodents. Schmid W, et al. Cytogenetics (Basel) 8:125-35, 1969

PHYSIOLOGY

Patterns of puffing activity in the salivary gland chromosomes of Drosophila. II. The X-chromosome puffing patterns of D. melanogaster and D. simulans. Ashburner M. Chromosoma 27:47-63, 1969

The segregation in one family of three alleles at the glucose-6-phosphate dehydrogenase locus. Bowman JE, et al. Hum Hered 19:25-35, 1969

RADIATION EFFECTS

X-ray-induced recessive lethals in newly inseminated eggs of Drosophila melanogaster. Graf U, et al. Mutat Res 7:385-92, May-Jun 69

Sex proportion in swine after paternal X-irradiation. Mullaney PD, et al. Mutat Res 7:482-4, May-Jun 69

The dose-dependence of X-chromosome loss induced by x-rays in mature oocytes of Drosophila melanogaster. Traut H, et al. Mutat Res 7:471-4, May-Jun 69

SEX DETERMINATION

Studies carried out with the Glossina morsitans colony of Lisbon. II. Aspects of the tsetse flies appreciated by the "soft" x-rays. Azevedo JF de, et al. An Esc Nac Saude Publica Med Trop (Lisboa) 2:43-59, Jan-Dec 68

Experimental reversal of germ cells. Turner CD. Embryologia (Nagoya) 10:206-30, Feb 69 (23 ref.)

Sex chromosomes and sex determining mechanisms in Odonata, with a review of the cytological conditions in the family Gomphidae, and references to the karyotypic evolution in the order. Kiauta B. Genetica 40:127-57, 1969

A new chromosomal sex-determining mechanism in Microtus arvalis Pallas. Raicu P, et al. Genetica 40:97-102, 1969

Evidence for the existence of transformer genes for sex in the teleost Xiphophorus maculatus. Kallman KD. Genetics 60:811-28, Dec 68

Female pseudohermaphroditism in conjoined twins. Khanna KK, et al. Indian J Med Sci 23:201-5, Apr 69

Hormonal influences on genetic expression as demonstrated in organ culture studies of reproductive ducts of fetal guinea pigs. Price D, et al. Proc Kon Nederl Akad Wet [Biol Med] 72:370-84, 1969

Antenatal diagnosis. Emery AE, et al. Scot Med J 14:277-81, Aug 69

[On the determinism of secondary sex characteristics

in Nereis pelagica (Annelida polycheta)] Boilly-Marer Y. C R Acad Sci [D] (Paris) 268:2462-4, 19 May 69 (Fre)

[Cytogenetics of two North-German populations of Nososylius fasciatus Bosc (Aphaniptera)] Bayreuther K. Chromosoma 27:20-46, 1969 (Ger)

[Development and chemical differentiation of the rat kidney with special reference to sex differences] Mühlenfeld WE. Histochemie 18:97-131, 1969 (Ger)

[Sex diagnosis on body cells] Eberle P. Landarzt 43:863-74, 30 Jun 67 (Ger)

[Congenital anorchidism with partial anterior hypopituitarism] Abate G, et al. Folia Endocr (Roma) 21:485-500, Aug 68 (Ita)

[Attempted determination of the twins type on the basis of oral cavity examination of triplets] Bieda J, et al. Czas Stomat 22:643-8, Jul 69 (Pol)

[Diagnostic procedure and problem of sex assignation in children with intersexual genitals] Szczepski O, et al. Endokr Pol 20:289-94, 1969 (Pol)

[Nuclear sex] Saldanha PH. Rev Paul Med 71:243-56, Nov 67 (122 ref.) (Por)

[Fast and simple method of preparation of stable preparations for detection of sex chromatin] Sluzhinskaia ZA. Lab Delo 9:571-2, 1968 (Rus)

[Diagnostic potential of the amniotic fluid] Huntingford PJ. Acta Obstet Ginecol Hisp Lusit 17:213-22, May 69 (Spa)

PLACENTA

I. Physical and Functional Aspects of the Placenta

PLACENTA

ANALYSIS

Perfusion of human term placenta in situ with C-19 and C-18 steroids. Bolté E, et al.
Acta Endocr (Kobenhavn) 61:307-19, Jun 69

Body composition in experimental intrauterine growth retardation in the rat. Hohenauer L, et al.
J Nutr 99:23-6, Sep 69

Placenti alkaline phosphatase types in Papuans and Fijians. Blake NM, et al. **Med J Aust 2:342-4, 16 Aug 69**

Fluctuation of urinary level of follicle stimulating substance and of estrogen during pregnancy. Nagai S, et al. **Tohoku J Exp Med 98:135-46, Jun 69**

[Endocrinologic research] Bettendorf G.
Arch Gynaek 207:383-9, 1969 (Ger)

[On several characteristics of the protein composition of the placenta in normal pregnancy and pregnancy complicated by late toxemia] Alekseeva AM, et al.
Akush Ginek (Moskva) 43:73-4, Oct 67 (Rus)

[Morphology of the placenta in diverse bloodloss in labor] Isakova EN.
Akush Ginek (Moskva) 43:58-60, Oct 67 (Rus)

[Various biochemical shifts during a study of the embryotropic effect of benzene and formaldehyde] Gofmekler VA, et al. **Gig Sanit 33:96-8, Jul 68 (Rus)**

ENZYMOLOGY

Some considerations on cultured chorionic cells from the human placenta by means of steroid enzymes and an electron microscope. Sawasaki C, et al.
Acta Obstet Gynaec Jap 16:177-9, Jul 69

Placentation and zygosity of twins in Ibadan, Nigeria. Nylander PP, et al. **Ann Hum Genet 33:31-40, Jul 69**

Some properties of lactate dehydrogenase in hydatidiform mole and normal placenta. Ma L, et al.
Clin Chim Acta 25:263-7, Aug 69

Placental alkaline phosphatase types in Malaysia. Blake NM, et al. **Hum Hered 19:20-4, 1969**

Human placental 17 beta-estradiol dehydrogenase. IV. Differentiation of 17 beta-estradiol-activated transhydrogenase from the transhydrogenase function of 17 beta-estradiol dehydrogenase. Karavolas HJ, et al. **J Biol Chem 244:4413-21, 25 Aug 69**

Ectopic production of an alkaline phosphatase isoenzyme in patients with cancer. Stolbach LL, et al.
New Eng J Med 281:757-62, 2 Oct 69

Development of endocrine function in the human placenta and fetus (second of two parts). Villee DB.
New Eng J Med 281:533-41, 4 Sep 69 (63 ref.)

Studies on phenolic steroids in human subjects. XII. In vitro metabolism of estradiol-6,7-3H-3-glucosiduronate-14C and of estrone-6,7-3H-glucosiduronate by human placental estradiol-17beta-dehydrogenase. Roy A, et al.
Steroids 14:327-34, Sep 69

[Influence of riboflavin deficiency on the activity of acid phosphatase in maternal and fetal organs of rats] Potier de Courcy G.
Ann Nutr (Paris) 23:A65-9, 1969 (Fre)

[Isolation of 17-beta-hydroxysteroid:NAD oxidoreductase from human placenta] Descomps B, et al.
Bull Soc Chim Biol (Paris) 50:1681-93, 30 Jan 69 (Fre)

[Clinical value of some serum, urinary and placental aminopeptidase activities] Kerleau JC de, et al.
Rev Franc Gynec Obstet 62:449-50, Sep 67 (Fre)

[Metabolic processes in the ovary with regard to follicular ripening and ovulation] Jung G.
Arch Gynaek 207:124-35, 1969 (Ger)

[Histochemistry. Applicability of histochemical methods in gynecology] Schmidt-Matthiesen H.
Arch Gynaek 207:362-9, 1969 (Ger)

[Investigations on the histochemical localization of leucineand cystine aminopeptidase (oxytocinase) in the placenta] Seelig HP, et al.
Histochemie 18:30-9, 17 Apr 69 (Ger)

[Hyaluronidase and placenta. Experimental study] Panazzolo A, et al.
Minerva Ginec 20:1840-52, 15 Dec 68 (Ita)

[Determination of serum alkaline phosphatase isoenzyme and its clinical significance] Suzuki H, et al.
Naika 24:43-51, Jul 69 (35 ref.) (Jap)

[Activities of N-acetyl-hexosaminidase and hexosidase and histochemical study of N-acetyl-beta-glucosaminidase in the human placental chorion] Shida B, et al.
Sanfujin Jissai 18:473-9, May 69 (Jap)

[Studies on renin in normal pregnancy] Kokot F, et al.
Ginek Pol 40:711-8, Jun 69 (30 ref.) (Pol)

[On the activity of hyaluronidase in the placenta of women during physiologic and pathologic pregnancy] Kopaleíshvili BI, et al.
Akush Ginek (Moskva) 43:55-7, Oct 67 (Rus)

[Steroid-specific dehydrogenase systems in human placenta] Cherniavskaia MA, et al.
Biokhimiia 34:356-8, Mar-Apr 69 (Rus)

METABOLISM

Perfusion of human term placenta in situ with C-19 and C-18 steroids. Bolté E, et al.
Acta Endocr (Kobenhavn) 61:307-19, Jun 69

Metabolism of 16alpha-hydroxy-pregnenolone and 17alpha-hydroxy-pregnenolone in the foeto-placental unit and mother at midgestation. Reynolds JW, et al.
Acta Endocr (Kobenhavn) 61:533-50, Jul 69

Role of placenta in fetal lipid metabolism. I. Injection of phospholipids double labeled with C14-glycerol and P32 into pregnant rabbits. Biezenski JJ.
Amer J Obstet Gynec 104:1177-89, 15 Aug 69

The stereospecific removal of a C-19 hydrogen atom in oestrogen biosynthesis. Skinner SJ, et al.
Biochem J 114:75-81, Aug 69

Comparative metabolism of 137Cs by adult, suckling and prenatal rats. Mahlum DD, et al.
Comp Biochem Physiol 30:169-75, 1 Jul 69

Studies on the metabolism of steroid hormones and their precursors by the human placenta at various stages of gestation. II. In vitro metabolism of 3 beta-hydroxyandrost-5-en-17-one. Smith SW, et al.
J Clin Endocr 29:1182-90, Sep 69

The permeability of the hamster placenta to radioactive cadmium. Ferm VH, et al.
J Embryol Exp Morph 22:107-13, Aug 69

Pyridoxine deficiency and iron metabolism in the pregnant rat: fetal responses. Kirksey A, et al.
J Nutr 99:9-15, Sep 69

Development of endocrine function in the human placenta and fetus (second of two parts). Villee DB.
New Eng J Med 281:533-41, 4 Sep 69 (63 ref.)

The transfer of drugs across the placenta. Long RF, et al. **Proc Roy Soc Med 62:318-21, Apr 69**

Placental function tests: a review of tests showing promise but not yet established. Fort AT.
Southern Med J 62:1080-4, Sep 69 (20 ref.)

Human placental lactogen (HPL): the review of a protein hormone important to obstetrics and

gynecology. Spellacy WN.
Southern Med J 62:1054-7, Sep 69
Steroid hormone transformations by endocrine organs from pregnant mammals. V. The biosynthesis and metabolism of progesterone and estrogens by orangutan placental tissue in vitro. Ainsworth L, et al.
Steroids 14:301-14, Sep 69
[Preliminary findings on synthesis of immunoglobulins in vitro by the human placenta and fetal membranes] Aiuti F, et al.
Boll Soc Ital Biol Sper 44:1507-9, 30 Sep 68 (Ita)
[Estriol as a function of the feto-placentar unity. I. Biosynthesis, excretion and metabolism of estriol in normal course of pregnancy] Vizzone A, et al.
Quad Clin Ostet Ginec 22:633-53, Sep 67 (111 ref.) (Ita)
[Respiratory activity of the mitochondrial fraction of the placenta as an indicator of the condition of the newborn] Lukasik J, et al.
Pol Tyg Lek 24:83-6, 20 Jan 69 (Pol)

PHYSIOLOGY

Human placental lactogen. Brit Med J 3:668-9, 20 Sep 69
Character of placentation in twins, as related to hemoglobin levels. Abraham JM.
Clin Pediat (Phila) 8:526-30, Sep 69
Intra-uterine growth and development. Sethi AS, et al.
Indian J Pediat 36:82-90, Mar 69 (65 ref.)
Adaptation to extrauterine life. Stern L.
Int Anesth Clin 6:875-909, Fall 68 (33 ref.)
Teratology. Lancet 2:530, 6 Sep 69
Localization of the resistance to diffusion in the three-layered placenta of the rabbit. Faber JJ, et al.
Pflueger Arch 310:337-53, 1969
Placental function tests: a review of tests showing promise but not yet established. Fort AT.
Southern Med J 62:1080-4, Sep 69 (20 ref.)
[Consideration on innervation of the placenta and its vasomotor function] Aburel E.
Rev Franc Gynec Obstet 62:471-2, Sep 67 (Fre)
[Research on the inhibitory, oxytocic and tocogenic functions of the placenta] Aburel E, et al.
Rev Franc Gynec Obstet 62:469-70, Sep 67 (Fre)

PHYSIOPATHOLOGY

Fetal growth retardation.
Aust New Zeal J Obstet Gynaec 9:75-81, May 69 (70 ref.)
[Carbohydrate metabolism in newborn infants of mothers with diabetes mellitus] Orekhov KV, et al.
Pediatriia 48:61-4, Mar 69 (30 ref.) (Rus)

PLACENTA

II. Disorders of the Placenta

CHORIOADENOMA

[Animal experiment study on the pathogenesis of placenta praevia] Sachs H.
Z Ges Exp Med 150:199-202, 1969 (Ger)

PATHOLOGY

[Pathohistological study of chorionic tumor, with special reference to the possibility of prognostic estimation on morphological basis] Hatake T.
J Jap Obstet Gynec Soc 21:291-300, Mar 69 (Jap)

THERAPY

[Current treatment of trophoblastic tumors] Revaz C, et al. Gynaecologia (Basel) 167:399-404, 1969 (Fre)

CHORIOCARCINOMA

[Chorionepithelioma] Huber H.
Arch Gynaek 207:187-201, 1969 (Ger)
[A case of chorioepithelioma malignum in a man with abdominal distention as a chief complaint] Fukaura S, et al. Jap J Clin Med 27:636-9, Mar 69 (Jap)

COMPLICATIONS

Choriocarcinoma. Recent experience in Puerto Rico. Keith L, et al. Bol Asoc Med P Rico 59:515-24, Dec 67
[Malignant double tumors in women] Koenig H.
Arch Geschwulstforsch 32:380-90, 1968 (Ger)
[Tumoral pulmonary embolism]
Rev Clin Esp 113:540-1, 30 Jun 69 (Spa)

DIAGNOSIS

Choriocarcinoma of fallopian tube. Carangelo J, et al.
Conn Med 33:518-20, Aug 69
[Development of chemotherapy of chorionic tumors] Ishizuka N, et al.
Jap J Clin Med 27:1610-7, Jun 69 (41 ref.) (Jap)
[Chorionic epithelioma with an atypical course] Baryluk-Bobrowska B, et al.
Przegl Lek 25:606-7, 1969 (Pol)

DRUG THERAPY

Clinical studies with mithramycin. Ansfield FJ.
Oncology 23:283-8, 1969
[On the therapy of choriocarcinoma] Engeler V.
Gynaecologia (Basel) 167:405-11, 1969 (Ger)
[Development of chemotherapy of chorionic tumors] Ishizuka N, et al.
Jap J Clin Med 27:1610-7, Jun 69 (41 ref.) (Jap)

ETIOLOGY

Some opinions on causal relationship between chorioepithelioma and endocrine milieu. Akasu F, et al. Endocr Jap 16:205-10, Feb 69
[On the therapy of choriocarcinoma] Engeler V.
Gynaecologia (Basel) 167:405-11, 1969 (Ger)

IMMUNOLOGY

[Radioimmunoassay of chorionic gonadotropin (HCG), with special reference to the practice of its theory and its significance as a clinical examination] Tojo S, et al.
Clin Endocr (Tokyo) 17:523-9, Jun 69 (Jap)

METABOLISM

Human hormone production in vitro. Pattillo RA, et al.
Science 159:1467-9, 29 Mar 68

OCCURRENCE

The incidence of neoplastic trophoblastic disease in Australia. Steigrad SJ.
Aust New Zeal J Obstet Gynaec 9:100-2, May 69

PATHOLOGY

Pelvic arteography in malignant trophoblastic neoplasia. Kolstad P, et al.
Amer J Obstet Gynec 105:175-82, 15 Sep 69
[Chorionepithelioma] Huber H.
Arch Gynaek 207:187-201, 1969 (Ger)
[Modern diagnosis and therapy of malignant germinal testicular tumors] Sigel A.
Deutsch Med J 19:730-6, 20 Oct 68 (Ger)
[Testicular seminoma metastasising as embryonal carcinoma, teratoma and choriocarinoma] Pizzocaro G, et al. Cancro 21:57-82, 1968 (Ita)
[Pathohistological study of chorionic tumor, with special reference to the possibility of prognostic estimation on morphological basis] Hatake T.
J Jap Obstet Gynec Soc 21:291-300, Mar 69 (Jap)
[Autopsy case of chorionic epithelioma originated from the ovary] Motoi S, et al.
Jap J Clin Path 17:377, May 69 (Jap)

RADIOGRAPHY

[On the therapy of choriocarcinoma] Engeler V.
Gynaecologia (Basel) 167:405-11, 1969 (Ger)

SURGERY

[Chorionepithelioma] Huber H.
Arch Gynaek 207:187-201, 1969 (Ger)
[1003 exstirpations of the uterus in gynecological indications at the State Hospital for Women in Linz] Leinzinger E, et al.
Wien Med Wschr 119:495-9, 21 Jun 69 (Ger)

THERAPY

[Current treatment of trophoblastic tumors] Revaz C, et al. Gynaecologia (Basel) 167:399-404, 1969 (Fre)

URINE

Biological properties of human chorionic gonadotropin. Yogo I. Endocr Jap 16:215-25, Apr 69
[On the therapy of choriocarcinoma] Engeler V.
Gynaecologia (Basel) 167:405-11, 1969 (Ger)

HYDATIDIFORM MOLE

BLOOD

Pregnancy-associated plasma proteins in trophoblastic disease. Robinson JC, et al.
Amer J Obstet Gynec 105:284-5, 15 Sep 69

COMPLICATIONS

Pelvic arteography in malignant trophoblastic neoplasia. Kolstad P, et al.
Amer J Obstet Gynec 105:175-82, 15 Sep 69
The use of hysterography in the detection of hydatidiform mole. Greenbaum EI, et al.
Amer J Roentgen 105:885-9, Apr 69
Coagulation disorders and hemorrhagic shock in the parturient. Hardaway RM 3d.
Int Anesth Clin 6:743-64, Fall 68 (6 ref.)
Eclampsia and hydatidiform mole with a co-existent fetus. Vago T, et al.
J Obstet Gynaec Brit Comm 76:755-6, Aug 69
Genetic factors in pregnancy wastage. Carr DH.
Med Clin N Amer 53:1039-50, Sep 69
Trophoblast disease presenting as congestive heart failure: case report. Phillips IR.
New Zeal Med J 69:232-3, Apr 69
[Hydatiform mole and Breus' mole with chromosome abnormalities] Bret AJ, et al.
Rev Franc Gynec Obstet 62:463-4, Sep 67 (Fre)

[On the therapy of choriocarcinoma] Engeler V. Gynaecologia (Basel) 167:405-11, 1969 (Ger)

DIAGNOSIS

Some properties of lactate dehydrogenase in hydatidiform mole and normal placenta. Ma L, et al. Clin Chim Acta 25:263-7, Aug 69

Quantitation of human chorionic gonadotrophin in the management of hydatidiform mole. (A review of the literature and a summary of the Singapore experience with 254 cases). Teoh ES. Singapore Med J 10:11-7, Mar 69

DRUG THERAPY

The use of oxytocin in obstetrics. Hannah WJ. Appl Ther 11:216-20, Apr 69

ENZYMOLOGY

Some properties of lactate dehydrogenase in hydatidiform mole and normal placenta. Ma L, et al. Clin Chim Acta 25:263-7, Aug 69

FAMILIAL & GENETIC

Genetic factors in pregnancy wastage. Carr DH. Med Clin N Amer 53:1039-50, Sep 69

METABOLISM

Steroidogenesis in a case of hydatidiform mole. Coutts JR, et al. J Endocr 44:335-48, Jul 69

[Observation on HPL derived from ciliated tumors] Mochizuki M, et al. J Jap Obstet Gynec Soc 21:321-2, Mar 69 (Jap)

OCCURRENCE

The incidence of neoplastic trophoblastic disease in Australia. Steigrad SJ. Aust New Zeal J Obstet Gynaec 9:100-2, May 69

PATHOLOGY

[Preliminary histopathological observations on the initial molar transformation of the placenta in spontaneous abortions] Rilke F, et al. Folia Hered Path (Milano) 17:129-36, Jul 68 (Ita)

[Pathohistological study of chorionic tumor, with special reference to the possibility of prognostic estimation on morphological basis] Hatake T. J Jap Obstet Gynec Soc 21:291-300, Mar 69 (Jap)

PHYSIOPATHOLOGY

[The maternal adrenals in molar pregnancy] Houtzager HL, et al. Nederl T Geneesk 113:1272-4, 19 Jul 69 (Dut)

[Electrocardiographic changes in the course of a vesicular mole] Giannone R, et al. Folia Cardiol (Milano) 27:343-53, Nov-Dec 68 (Ita)

RADIOGRAPHY

The use of hysterography in the detection of hydatidiform mole. Greenbaum EI, et al. Amer J Roentgen 105:885-9, Apr 69

[Amniography in a hydatidiform mole] Aguero O, et al. Rev Obstet Ginec Venez 29:291-304, 1968 (Spa)

THERAPY

Hydatidiform mole; evacuation with an electric current. Waltman R, et al. Amer J Obstet Gynec 104:1220-1, 15 Aug 69

Quantitation of human chorionic gonadotrophin in the management of hydatidiform mole. (A review of the literature and a summary of the Singapore experience with 254 cases). Teoh ES. Singapore Med J 10:11-7, Mar 69

[Current treatment of trophoblastic tumors] Revaz C, et al. Gynaecologia (Basel) 167:399-404, 1969 (Fre)

URINE

Biological properties of human chorionic gonadotropin. Yogo I. Endocr Jap 16:215-25, Apr 69

PLACENTA

ABNORMALITIES

[The significance of ultrasonic diagnosis in obstetrics and gynecology] Kratochwil A. Schweiz Med Wschr 99:992-7, 5 Jul 69 (Ger)

[Morphology of the placenta in several forms of obstetric pathology] Veksler DB. Akush Ginek (Moskva) 43:51-5, Oct 67 (Rus)

TROPHOBLASTIC TUMOR

BLOOD

Pregnancy-associated plasma proteins in trophoblastic disease. Robinson JC, et al. Amer J Obstet Gynec 105:284-5, 15 Sep 69

DIAGNOSIS

[Simple rapid measurement of urinary HCG and its clinical application. Slide test-Gravindex] Ashidaka Y. J Jap Obstet Gynec Soc 21:421-6, Apr 69 (Jap)

OCCURRENCE

The incidence of neoplastic trophoblastic disease in Australia. Steigrad SJ. Aust New Zeal J Obstet Gynaec 9:100-2, May 69

PATHOLOGY

Pelvic arteography in malignant trophoblastic neoplasia. Kolstad P, et al. Amer J Obstet Gynec 105:175-82, 15 Sep 69

RADIOGRAPHY

Pelvic arteography in malignant trophoblastic neoplasia. Kolstad P, et al. Amer J Obstet Gynec 105:175-82, 15 Sep 69

THERAPY

[Current treatment of trophoblastic tumors] Revaz C, et al. Gynaecologia (Basel) 167:399-404, 1969 (Fre)

PLACENTA

III. Placental Hormones, Precursors, Metabolites and Synthetic Analogs

GONADOTROPINS, CHORIONIC

Some opinions on causal relationship between chorioepithelioma and endocrine milieu. Akasu F, et al. Endocr Jap 16:205-10, Feb 69

Effect of biogenic amines, FSH-releasing factor (FRF) and other substances on the release of FSH by pituitaries incubated in vitro. Kamberi IA, et al. Endocrinology 85:815-24, Nov 69

Suppression of heavy and light chain allotypic expression in homozygous rabbits through embryo transfer. David GS, et al. Proc Nat Acad Sci USA 62:860-6, Mar 69

[Glycosaminoglycans and glycoproteins. 3. Function] Hoppe Seyler Z Physiol Chem 350:672-5, Jun 69 (Ger)

ADMINISTRATION & DOSAGE

Pregnancy following clomiphene and chorionic gonadotrophin. Jenkins CO, et al. Proc Roy Soc Med 62:707, 7 Jul 69

[The effect of a single gonadotropin application in anovulation] Keller PJ, et al. Gynaecologia (Basel) 167:434-8, 1969 (Ger)

[Combined effect of HMG and HCG on ovulaton (statistical reports in Japan)] Tanaka Y. Sanfujin Jissai 18:314-9, Apr 69 (Jap)

[The effect of chorionic gonadotropin on plasma testosterone in men] Vogt JH, et al. Nord Med 82:1045-9, 21 Aug 69 (Nor)

ANALYSIS

On diluent and dilution method in hemagglutination inhibition test for human chorionic gonadotropin. Tamada T, et al. Endocr Jap 16:399-402, Jun 69

Quantitation of human chorionic gonadotrophin in the management of hydatidiform mole. (A review of the literature and a summary of the Singapore experience with 254 cases). Teoh ES. Singapore Med J 10:11-7, Mar 69

[Current treatment of trophoblastic tumors] Revaz C, et al. Gynaecologia (Basel) 167:399-404, 1969 (Fre)

[The contents of chorionic gonadotropins in the amniotic fluid during normal and pathological pregnancy] Berle P. Acta Endocr (Kobenhavn) 61:369-77, Jun 69 (Ger)

[Endocrinologic research] Bettendorf G. Arch Gynaek 207:383-9, 1969 (Ger)

[Radioimmunoassay of chorionic gonadotropin (HCG), with special reference to the practice of its theory and its significance as a clinical examination] Tojo S, et al. Clin Endocr (Tokyo) 17:523-9, Jun 69 (Jap)

[Simple rapid measurement of HCG-radioimmunoassay] Mitsui I, et al. J Jap Obstet Gynec Soc 21:413-4, Apr 69 (Jap)

[Comparative study of biochemical characteristics of purified HCG. 2] Mochizuki M, et al. J Jap Obstet Gynec Soc 21:319-20, Mar 69 (Jap)

ANTAGONISTS & INHIBITORS

Partial separation of gonadotropin-inhibiting substance in human urine. Ota M, et al. Endocr Jap 16:279-81, Apr 69

BIOSYNTHESIS

Human hormone production in vitro. Pattillo RA, et al. Science 159:1467-9, 29 Mar 68

BLOOD

Approximate versus exact evaluation of bioassays based on quantal response. Borth R, et al. Acta Endocr (Kobenhavn) 60:216-20, Feb 69

Metabolic clearance of human chorionic gonadotrophin administered to non pregnant women. Wide L, et al. Acta Endocr (Kobenhavn) 59:579-94, Dec 68

Serum gonadotropins before, at the inception of, and following human pregnancy. Jaffe RB, et al. J Clin Endocr 29:1281-3, Sep 69

[The contents of chorionic gonadotropins in the amniotic fluid during normal and pathological pregnancy] Berle P. Acta Endocr (Kobenhavn) 61:369-77, Jun 69 (Ger)

[The effect of a single gonadotropin application in anovulation] Keller PJ, et al. Gynaecologia (Basel) 167:434-8, 1969 (Ger)

[Radioimmunoassay of chorionic gonadotropin (HCG), with special reference to the practice of its theory and its significance as a clinical examination] Tojo S, et al. Clin Endocr (Tokyo) 17:523-9, Jun 69 (Jap)

DIAGNOSTIC USE

Induction of polycystic ovarian disease in rats by continuous light. V. Results of the deciduoma test and cervical stimulation. Singh KB. Amer J Obstet Gynec 105:275-6, 15 Sep 69

Teratogeny in nonhuman primates, with notes on breeding procedures in Macaca mulatta. Wilson JG, et al. Ann NY Acad Sci 162:267-77, 3 Jul 69

The role of sex hormones in problems of the mature years and beyond. Geller J. J Amer Geriat Soc 17:861-73, Sep 69

METABOLISM

Metabolic clearance of human chorionic gonadotrophin administered to non pregnant women. Wide L, et al. Acta Endocr (Kobenhavn) 59:579-94, Dec 68

[Pathohistological study of chorionic tumor, with special reference to the possibility of prognostic estimation on morphological basis] Hatake T. J Jap Obstet Gynec Soc 21:291-300, Mar 69 (Jap)

PHARMACODYNAMICS

Approximate versus exact evaluation of bioassays based on quantal response. Borth R, et al. Acta Endocr (Kobenhavn) 60:216-20, Feb 69

Follicle stimulating hormone-like activity in human chorionic gonadotrophin preparations. Robyn C, et al. Acta Endocr (Kobenhavn) 60:137-56, Jan 69

Hormonal influence on fibrinolytic activity of uterus and vagina in the juvenile rat. Tympanidis K, et al. Acta Endocr (Kobenhavn) 60:69-78, Jan 69

On histochemical and histoenzymological variations in tissue mast cells. Diculescu I, et al. Acta Histochem (Jena) 31:254-60, 1968

Adenosine 3',5' monophosphate as an inhibitor of ovulation and reproduction. Ryan WL, et al. Amer J Obstet Gynec 105:121-3, 1 Sep 69

Effect of human chorionic gonadotropin on antibody production. Younger JB, et al. Amer J Obstet Gynec 105:9-13, 1 Sep 69

Structural luteolysis of induced corpora lutea in "androgen-sterilized" rats. Malven PV, et al. Anat Rec 165:55-60, Sep 69

Further studies of the deep freezing of rabbit spermatozoa in reconstituted skim milk powder. O'Shea T, et al. Aust J Biol Sci 22:709-19, Jun 69

Glucose metabolism in the superovulated rat ovary in vitro. Effects of luteinizing hormone and the role of glucose metabolism in steroidogenesis. Flint AP, et al. Biochem J 112:243-54, Apr 69

The phosphorylation of thymidine by oocytes and eggs of Xenopus laevis Daudin. Woodland HR. Biochim Biophys Acta 186:1-12, 22 Jul 69

Biochemical studies in a patient with chromatin-negative Klinefelter's syndrome. Dufau M, et al. Clin Chim Acta 25:389-93, Sep 69

Presence of hypothalamo-pituitary testicular axis in the early postnatal period. Yagimura T, et al. Endocr Jap 16:5-10, Feb 69

Biological properties of human chorionic gonadotropin. Yogo I. Endocr Jap 16:215-25, Apr 69

Selective inhibition of superovulation by blockade of dopamine synthesis during the "critical period" in the

immature rat. Kordon C, et al.
Endocrinology 85:924-31, Nov 69
Effects of 17alpha-ethinyl-19-nor-testosterone acetate on pituitary and serum levels of ICSH and FSH in female rats. Kraehahn G, et al.
Europ J Pharmacol 6:303-11, 1969
Inhibition of reduction in female mouse meiosis. Jagiello GM. **Experientia 25:695-6, 1969**
Ovarian physiology: relationship between plasma LH and steroidogenesis by the follicle and corpus luteum; effect of HCG. Strott CA, et al.
J Clin Endocr 29:1157-67, Sep 69
Facilitation of gonadotrophin-induced ovulation in adult rats by estrogens. Husain SM.
Rev Canad Biol 28:137-8, Jun 69
Intranuclear inclusions in leydig cells of human testes. BNWL-714. Berlin JD.
US AEC Battelle Northwest 7.18-7+, May 68
Application of controlled ovulation in the artificial insemination of pigs. Reed HC. **Vet Rec 85:271, 6 Sep 69**
[Lengthening of the estral cycle in rats by pituitary luteinizing hormone] Alloiteau JJ, et al.
C R Acad Sci [D] (Paris) 268:826-9, 3 Feb 69 (Fre)
[Formation of radioactive cholesterol from Na-1-14C-acetate by chick embryo gonads cultivated in vitro] Haffen K, et al.
C R Acad Sci [D] (Paris) 268:2914-7, 16 Jun 69 (Fre)
[Endogenous and exogenous influences on the ovarian function and embryonal development] Smidt D.
Arch Gynaek 207:155-64, 1969 (Ger)
[Electron microscopic picture of the ovary of juvenile rats and rabbits after stimulation with pregnant mare serum (PMS) and human chorionic gonadotropin (HCG). I. Theca and stroma (interstitial gland)] Merker HJ, et al. **Z Zellforsch 94:605-23, 1969 (Ger)**
[Histochemical and biochemical study of the activity of 3-beta-hydroxysteroid dehydrogenase in the ovary of normal adult women] Mori T.
J Jap Obstet Gynec Soc 21:227-34, Mar 69 (Jap)
[The effects of adrenalectomy on the sensitivity of the albino rat ovaries to chorionic gonadotropin in its simultaneous administration with estrogens, androgens and progesterone] Kharchenko SF.
Probl Endokr (Moskva) 13:111-5, May-Jun 67 (Rus)
[The effect of destruction and stimulation of the paraventricular and supraoptical nuclei of the hypothalamus on the sensitivity of rat ovaries to gonadotropin, estrogens, androgens and progesterone] Myslitskiĭ VF.
Probl Endokr (Moskva) 15:72-6, May-Jun 69 (Rus)
[Uterine karyometrical changes due to testosterone and chorionic gonadotropin] Rodriguez LP, et al.
Arch Inst Farmacol Exp (Madrid) 19:49-62, 1967 (Spa)

PHYSIOLOGY

Follicle stimulating hormone-like activity in human chorionic gonadotrophin preparations. Robyn C, et al.
Acta Endocr (Kobenhavn) 60:137-56, Jan 69
Ovarian physiology: relationship between plasma LH and steroidogenesis by the follicle and corpus luteum; effect of HCG. Strott CA, et al.
J Clin Endocr 29:1157-67, Sep 69
The importance of foetal physiology and endocrinology in obstetrics. Abramovich DR.
Med J Aust 2:408-11, 23 Aug 69

THERAPEUTIC USE

The relation between plasma progesterone and total urinary oestrogens following induction of ovulation in women. Johansson ED, et al.
Acta Endocr (Kobenhavn) 62:89-97, Sep 69
Metabolic clearance of human chorionic gonadotrophin administered to non pregnant women. Wide L, et al.
Acta Endocr (Kobenhavn) 59:579-94, Dec 68
Treatment of male infertility with human menopausal gonadotrophin (HMG) combined with human chorionic gonadotrophin (HCG). Schellen TM.
Int J Fertil 14:222-7, Jul-Sep 69
[On the origin of male sexual disorders due to a biotin deficiency. Hormone and vitamin treatments] Delost P, et al. **Arch Sci Physiol (Paris) 23:243-68, 1969 (Fre)**
[Functional genital hemorrhages] Baudet JH.
Presse Med 77:1353-5, 24 Sep 69 (Fre)
[Testicular function in idiopathic hemochromatosis] Gilbert-Dreyfus.
Rev Franc Endocr Clin 10:191-203, May-Jun 69 (Fre)
[Prophylactic treatment of abortions during the first trimester with systematic hormonal determinations and hormonal treatment with gonadotrophins, estrogens and progesterone carried out from the beginnings of pregnancies in patients with previous pathological histories] Béclère C, et al.
Rev Franc Gynec Obstet 62:495-501, Sep 67 (Fre)
[The effect of a single gonadotropin application in anovulation] Keller PJ, et al.
Gynaecologia (Basel) 167:434-8, 1969 (Ger)
[Current possibilities of medical treatment for "secretory" male sterility] Valsecchi A, et al.
Minerva Ginec 20:1831-9, 15 Dec 68 (Ita)
[The effect of male sex hormones on the thyroid gland function in hypogonadism and Kleinfelter's syndrome] Starkova NT, et al.
Probl Endokr (Moskva) 14:23-9, Jul-Aug 68 (Rus)

URINE

Metabolic clearance of human chorionic gonadotrophin administered to non pregnant women. Wide L, et al.
Acta Endocr (Kobenhavn) 59:579-94, Dec 68
Pelvic arteography in malignant trophoblastic neoplasia. Kolstad P, et al.
Amer J Obstet Gynec 105:175-82, 15 Sep 69
Biological properties of human chorionic gonadotropin. Yogo I. **Endocr Jap 16:215-25, Apr 69**
[On the therapy of choriocarcinoma] Engeler V.
Gynaecologia (Basel) 167:405-11, 1969 (Ger)
[The effect of a single gonadotropin application in anovulation] Keller PJ, et al.
Gynaecologia (Basel) 167:434-8, 1969 (Ger)
[A new pregnancy test (modified Pregnosticon-test)] Ledermair O, et al.
Wien Med Wschr 119:494-5, 21 Jun 69 (Ger)
[Research on fetal biology during pregnancy and delivery] Centaro A.
Riv Ostet Ginec 22:659-96, 10 Oct 67 (Ita)
[Radioimmunoassay of chorionic gonadotropin (HCG), with special reference to the practice of its theory and its significance as a clinical examination] Tojo S, et al.
Clin Endocr (Tokyo) 17:523-9, Jun 69 (Jap)
[Simple rapid measurement of urinary HCG and its clinical application. Slide test-Gravindex] Ashidaka Y. **J Jap Obstet Gynec Soc 21:421-6, Apr 69 (Jap)**
[Serological method of quantitative estimation of choriogonadotrophin, excreted in the course of normal pregnancy] Samochowiec E, et al.
Ginek Pol 40:497-503, May 69 (Pol)
[Studies on chorionic gonadotropin excretion in threatened abortion] Wawryk R, et al.
Ginek Pol 40:643-8, Jun 69 (Pol)
[Clinical evaluation of prepuerin cell blood test in pregnancy] Konopka P, et al.
Pol Tyg Lek 24:927-9, 16 Jun 69 (Pol)
[Trial of development of a rapid immunological test for early diagnosis of pregnancy] Momchilov BB, et al.
Lab Delo 5:289-92, 1968 (Rus)
[Determintio of chrorionic gonadotropin by adsorption on kaolin] Popova TT. **Lab Delo 2:77-9, 1968 (Rus)**

GONADOTROPINS, EQUINE

ANTAGONISTS & INHIBITORS

Partial separation of gonadotropin-inhibiting substance in human urine. Ota M, et al.
Endocr Jap 16:279-81, Apr 69

BLOOD

Equine pregnancy diagnosis. A comparison of two methods for the detection of gonadotrophin in serum. Jeffcott LB, et al. **Vet Rec 84:80-3, 25 Jan 69**

PHARMACODYNAMICS

Persistent levels of phosphorylase in the rat ovary after oestradiol and gonadotrophin treatment. Bruzzone S.
Acta Endocr (Kobenhavn) 61:323-8, Jun 69
Glucose metabolism in the superovulated rat ovary in vitro. Effects of luteinizing hormone and the role of glucose metabolism in steroidogenesis. Flint AP, et al.
Biochem J 112:243-54, Apr 69
Acute effects of various gonadotropins and other pituitary hormones on preovulatory ovarian progestin secretion in hypophysectomized rats. Uchida K, et al.
Endocr Jap 16:239-49, Apr 69
Presence of hypothalamo-pituitary testicular axis in the early postnatal period. Yagimura T, et al.
Endocr Jap 16:5-10, Feb 69

Selective inhibition of superovulation by blockade of dopamine synthesis during the "critical period" in the immature rat. Kordon C, et al. **Endocrinology 85:924-31, Nov 69**

Inhibition of reduction in female mouse meiosis. Jagiello GM. **Experientia 25:695-6, 1969**

Effect of a progestinestrogen combination (Enovid) on pituitary gonadotrophin and ovulation in rats. Husain SM, et al. **Rev Canad Biol 27:431-5, Dec 68**

Fluctuation of urinary level of follicle stimulating substance and of estrogen during pregnancy. Nagai S, et al. **Tohoku J Exp Med 98:135-46, Jun 69**

The production of lambs in autumn from a commercial flock in England. Rankin JE, et al. **Vet Rec 85:275-8, 6 Sep 69**

[Endogenous and exogenous influences on the ovarian function and embryonal development] Smidt D. **Arch Gynaek 207:155-64, 1969 (Ger)**

[Electron microscopic picture of the ovary of juvenile rats and rabbits after stimulation with pregnant mare serum (PMS) and human chorionic gonadotropin (HCG). I. Theca and stroma (interstitial gland)] Merker HJ, et al. **Z Zellforsch 94:605-23, 1969 (Ger)**

[The effect of pregnant mare serum on pregnant cows] Vasin AD. **Veterinariia 44:90, Feb 67 (Rus)**

THERAPEUTIC USE

[Current possibilities of medical treatment for "secretory" male sterility] Valsecchi A, et al. **Minerva Ginec 20:1831-9, 15 Dec 68 (Ita)**

PLACENTAL EXTRACTS

[Experimental study on toxemia of pregnancy in spontaneously hypertensive rats] Atsuji I. **J Kumamoto Med Soc 43:360-74, 25 Apr 69 (Jap)**

ANALYSIS

Placenti alkaline phosphatase types in Papuans and Fijians. Blake NM, et al. **Med J Aust 2:342-4, 16 Aug 69**

[Hyaluronidase and placenta. Experimental study] Panazzolo A, et al. **Minerva Ginec 20:1840-52, 15 Dec 68 (Ita)**

DIAGNOSTIC USE

[Importance of the placental scrapping after estrogen tests in the diagnosis of amenorrhea of some uterine cause] Salvatore CA. **Ginec Obstet Mex 22:1537-41, Nov 67 (Spa)**

METABOLISM

Further stereochemical studies of the catalytic reduction of delta-1,4-3-keto steroids with tritium. Brodie HJ, et al. **J Org Chem 34:2697-702, Sep 69**

PHARMACODYNAMICS

[The effect of placentin-3--a new preparation from human placental tissue--on the blood coagulating system] Limvinov VV. **Biull Eksp Biol Med 67:19-21, Feb 69 (Rus)**

PLACENTAL HORMONES

Human placental lactogen (HPL): the review of a protein hormone important to obstetrics and gynecology. Spellacy WN. **Southern Med J 62:1054-7, Sep 69**

[Studies of the human placental lactogenic factor. II. Effects of photo-oxidation in presence of rose bengal] Neri P, et al. **Boll Soc Ital Biol Sper 44:1362-4, 31 Aug 68 (Ita)**

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[Studies of the human placental lactogenic factor. I. Preparation and properties] Neri P, et al. **Boll Soc Ital Biol Sper 44:1359-62, 31 Aug 68 (Ita)**

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Human placental lactogen. **Brit Med J 3:668-9, 20 Sep 69**

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The relationship between human chorionic somato-mammotropine hormone and thyrostimuline in biological and radioimmunological assays. Genazzani AR, et al. **Experientia 25:419-20, 15 Apr 69**

Action of "chorionic growth hormone-prolactin" on growth and carcass composition of hypophysectomized rat. Beas F, et al. **Proc Soc Exp Biol Med 131:1171-5, Sep 69**

[Observation on HPL derived from ciliated tumors] Mochizuki M, et al. **J Jap Obstet Gynec Soc 21:321-2, Mar 69 (Jap)**

PHYSIOLOGY

Human placental lactogen. Lyons WR. **New Eng J Med 281:742-3, 25 Sep 69**

PLACENTAL LACTOGEN

[Studies of the human placental lactogenic factor. II. Effects of photo-oxidation in presence of rose bengal] Neri P, et al. **Boll Soc Ital Biol Sper 44:1362-4, 31 Aug 68 (Ita)**

ANALYSIS

[Studies of the human placental lactogenic factor. I. Preparation and properties] Neri P, et al. **Boll Soc Ital Biol Sper 44:1359-62, 31 Aug 68 (Ita)**

BIOSYNTHESIS

Human placental lactogen (HPL): the review of a protein hormone important to obstetrics and gynecology. Spellacy WN. **Southern Med J 62:1054-7, Sep 69**

BLOOD

Human placental lactogen. **Brit Med J 3:668-9, 20 Sep 69**

The relationship between human chorionic somato-mammotropine hormone and thyrostimuline in biological and radioimmunological assays. Genazzani AR, et al. **Experientia 25:419-20, 15 Apr 69**

Serum insulin and growth hormone responses to arginine infusion before and during treatment with contraceptive steroids. Vela P, et al. **J Clin Endocr 29:1212-6, Sep 69**

HPL levels and intervention in pregnancy. Emerson K Jr. **New Eng J Med 281:852, 9 Oct 69**

Human placental lactogen (HPL): the review of a protein hormone important to obstetrics and gynecology. Spellacy WN. **Southern Med J 62:1054-7, Sep 69**

METABOLISM

Development of endocrine function in the human placenta and fetus (second of two parts). Villee DB. **New Eng J Med 281:533-41, 4 Sep 69 (63 ref.)**

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PHARMACODYNAMICS

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[Observation on HPL derived from ciliated tumors]

Mochizuki M, et al.
J Jap Obstet Gynec Soc 21:321-2, Mar 69 (Jap)

PHYSIOLOGY

Human placental lactogen. Brit Med J 3:668-9, 20 Sep 69

Human placental lactogen. Lyons WR.
New Eng J Med 281:742-3, 25 Sep 69

Human placental lactogen (HPL): the review of a protein hormone important to obstetrics and gynecology. Spellacy WN.
Southern Med J 62:1054-7, Sep 69

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The action of parathyroid extract on the metabolism of ribonucleic acids in cultivated bone tissue. Isolation and characterization of RNA from calvaria of 20-day-old rat embryos. Wermeskerken RK van. **Proc Kon Nederl Akad Wet [Biol Med] 72:336-53, 1969**

[Contribution to the parathyroid scintigraphic study] Gruss JD, et al. **Presse Med 77:1235-6, 6 Sep 69 (Fre)**

[Action of parathormone on human erythrocytic angiotensinase in vitro] Gilli P, et al. **Boll Soc Ital Biol Sper 44:1295-7, 31 Aug 68 (Ita)**

ABNORMALITIES

Parathyroids and cervical thymus in sudden unexpected death in infancy. Ellis HA, et al. **Pediatrics 44:225-33, Aug 69**

BLOOD SUPPLY

[Arterial circulation of the parathyroid glands] Stamatiadis Y. **Tip Fak Mec (Istanbul) 31:375-400, 1968 (Tur)**

CYTOLOGY

An electron microscopic study of the parathyroid glands in man: evidence of secretory material. Weymouth RJ, et al. **Acta Endocr (Kobenhavn) 61:334-42, Jun 69**

[Ultrastructural study of ultimobranchial body of chicken. I. Normal aspect and embryonal development] Stoeckel ME, et al. **Z Zellforsch 94:495-512, 1969 (Fre)**

[The incidence and function of oxyphilous Welsh cells in parathyroid glands] Rother P. **Z Mikr Anat Forsch 79:533-56, 1968 (Ger)**

[Electron microscopic studies of the rabbit parathyroid gland. On the secretory activity of the chief cell] Tanaka S. **Folia Endocr Jap 45:335-8, 20 Jun 69 (Jap)**

[Occurrence of intranuclear glycogen inclusion bodies in the parathyroid gland cells in cows] Hoshino T, et al. **Med Biol (Tokyo) 78:207-9, 10 Jun 69 (Jap)**

EMBRYOLOGY

Development of endocrine function in the human placenta and fetus (second of two parts). Villee DB. **New Eng J Med 281:533-41, 4 Sep 69 (63 ref.)**

METABOLISM

An electron microscopic study of the parathyroid glands in man: evidence of secretory material. Weymouth RJ, et al. **Acta Endocr (Kobenhavn) 61:334-42, Jun 69**

[The incidence and function of oxyphilous Welsh cells in parathyroid glands] Rother P. **Z Mikr Anat Forsch 79:533-56, 1968 (Ger)**

[Occurrence of intranuclear glycogen inclusion bodies in the parathyroid gland cells in cows] Hoshino T, et al. **Med Biol (Tokyo) 78:207-9, 10 Jun 69 (Jap)**

PATHOLOGY

An electron microscopic study of the parathyroid glands in man: evidence of secretory material. Weymouth RJ, et al. **Acta Endocr (Kobenhavn) 61:334-42, Jun 69**

Correlative light and electron microscopy in primary hyperparathyroidism. Black WC 3d. **Arch Path (Chicago) 88:225-41, Sep 69**

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 40-1969. **New Eng J Med 281:783-91, 2 Oct 69**

Parathyroids and cervical thymus in sudden unexpected death in infancy. Ellis HA, et al. **Pediatrics 44:225-33, Aug 69**

PHYSIOLOGY

Dystrophic calcification of myocardium as conditioning factor in genesis of congestive heart failure. An experimental study. Bajusz E. **Amer Heart J 78:202-10, Aug 69**

Importance of dietary Ca:PO4 ratios on skeletal, Ca, Mg, and PO4 metabolism. Clark I. **Amer J Physiol 217:865-70, Sep 69**

The effect of thyroidectomy and parathyroidectomy in the remodelling of bone defects in adult dogs. Detenbeck LC, et al. **Clin Orthop 65:199-202, Jul-Aug 69**

Pyrophosphate enhancement of hypocalcemic effect of thyrocalcitonin in rat. Orimo H, et al. **Endocr Jap 16:309-13, Jun 69**

Plasma phosphate and the hypocalcemic response of intact, parathyroidectomized and nephrectomized rats to thyrocalcitonin. Kennedy JW 3d, et al. **Endocrinology 85:657-61, Oct 69**

Effect of endocrines on central nervous system. II. Relkin R. **New York J Med 69:2248-65, 15 Aug 69 (279 ref.)**

The effect of thyroidectomy and thyroparathyroidectomy on the accretion of phosphorus into the skeleton of young goats. Symonds HW. **Res Vet Sci 10:218-21, Mar 69**

[The incidence and function of oxyphilous Welsh cells in parathyroid glands] Rother P. **Z Mikr Anat Forsch 79:533-56, 1968 (Ger)**

[Changes in the bone tissue of intact and parathyroidectomized rats under the effect of calcium gluconate and parathyroid hormone] Volozhin AI, et al. **Probl Endokr (Moskva) 14:105-7, May-Jun 68 (Rus)**

PHYSIOPATHOLOGY

Relation between parathyroid cell mass and plasma calcium concentration in normal and uremic subjects. A theoretical model with an analysis of the concept of autonomy, and speculations on the mechanism of parathyroid hyperplasia. Parfitt AM. **Arch Intern Med (Chicago) 124:269-73, Sep 69**

Oral roentgenographic findings in osteitis fibrosa generalisata associated with chronic renal disease. Walsh RF, et al. **Oral Surg 28:273-81, Aug 69**

SECRETION

Polypeptide hormones and calcium metabolism. Aurbach GD, et al. **Ann Intern Med 70:1243-65, Jun 69 (60 ref.)**

[Electron microscopic studies of the rabbit parathyroid gland. On the secretory activity of the chief cell] Tanaka S. **Folia Endocr Jap 45:335-8, 20 Jun 69 (Jap)**

SURGERY

The effect of parathyroidectomy on submaxillary and

retrolingual gland in the rat. Bazerque PM, et al. **Acta Physiol Lat Amer** 19:16-21, 1969

Long-standing recurrent pancreatitis as manifested in parathyroid carcinoma. Scharf Y, et al. **Amer J Gastroent** 52:111-5, Aug 69

Physiologic studies in renal osteodystrophy treated by subtotal parathyroidectomy. Gill G, et al. **Amer J Med** 46:930-40, Jun 69

Epilepsy and electroencephalographic abnormalities in chronic surgical hypoparathyroidism. Basser LS, et al. **Ann Intern Med** 71:507-15, Sep 69

Calcium metabolism and osteodystrophy after renal transplantation. Hampers CL, et al. **Arch Intern Med (Chicago)** 124:282-91, Sep 69

Osteodystrophy developing spontaneously in the course of chronic renal failure. Stanbury SW, et al. **Arch Intern Med (Chicago)** 124:274-81, Sep 69

Haemodialysis and tertiary hyperparathyrodism: renal homotransplantation and tubular dysfunction. Doak PB, et al. **Aust Ann Med** 18:138-42, May 69 (22 ref.)

The effect of thyroidectomy and parathyroidectomy in the remodelling of bone defects in adult dogs. Detenbeck LC, et al. **Clin Orthop** 65:199-202, Jul-Aug 69

Plasma phosphate and the hypocalcemic response of intact, parathyroidectomized and nephrectomized rats to thyrocalcitonin. Kennedy JW 3d, et al. **Endocrinology** 85:657-61, Oct 69

2-Thiophenecarboxylic acid: a hypoglycemic, antilipolytic agent with hypocalcemic and hypophosphatemic effects in rats. Lloyd W, et al. **Endocrinology** 85:763-8, Oct 69

Interrelationships between thyrocalcitonin, parathyroid hormone and vitamin D: control of serum calcium in hypervitaminosis D. Melancon MJ Jr, et al. **Endocrinology** 85:704-10, Oct 69

Adult-onset vitamin-D-resistant hypophosphatemic osteomalacia. Effect of total parathyroidectomy. Riggs BL, et al. **New Eng J Med** 281:762-6, 2 Oct 69

Effects of calcium on serum gastrin levels in the zollinger-Ellison syndrome. Trudeau WL, et al. **New Eng J Med** 281:862-6, 16 Oct 69

The effect of thyroidectomy and thyroparathyroidectomy on the accretion of phosphorus into the skeleton of young goats. Symonds HW. **Res Vet Sci** 10:218-21, Mar 69

Diphosphonates inhibit hydroxyapatite dissolution in vitro and bone resorption in tissue culture and in vivo. Fleisch H, et al. **Science** 165:1262-4, 19 Sep 69

[Parathyroidectomy] Seta K, et al. **Shujutsu** 23:552-8, May 69 **(Jap)**

[Changes in the bone tissue of intact and parathyroidectomized rats under the effect of calcium gluconate and parathyroid hormone] Volozhin AI, et al. **Probl Endokr (Moskva)** 14:105-7, May-Jun 68 **(Rus)**

PARATHYROID AND BONE

II. Disorders of the Parathyroid Glands

HYPERPARATHYROIDISM

Primary hyperparathyroidism with giant cell tumors of the maxilla: report of case. Carlotti AE, et al. **J Oral Surg** 27:722-7, Sep 69

Hyperparathyroidism complicating pregnancy. Findlay WS. **Proc Roy Soc Med** 62:835, Aug 69

[Jaffé-Lichtenstein's fibrous dysplasia. (Apropos of a case with biological anomalies)] Salle B, et al. **Ann Pediat (Paris)** 14:511-6, Jun-Jul 67 (Fre)

[Contribution to the parathyroid scintigraphic study] Gruss JD, et al. **Presse Med** 77:1235-6, 6 Sep 69 (Fre)

[On disease courses and complications in primary hyperparathyroidism] Kaiser W, et al. **Z Ges Inn Med** 24:289-97, 15 May 69 (Ger)

[Primary chronic hyperparathyroidism. Findings on 3 personal cases] Petronio R, et al. **Chir Pat Sper** 15:455-88, Oct-Dec 67 (Ita)

[Case of hyperparathyroidism] Okada K, et al. **Orthop Surg (Tokyo)** 20:462-6, Mar 69 (Jap)

BLOOD

Normocalcemic primary hyperparathyroidism. Wills MR, et al. **Amer J Med** 47:384-91, Sep 69

The effect of hemodialysis, vitamin D, and renal homotransplantation on the calcium malabsorption of chronic renal failure. Messner RP, et al. **J Lab Clin Med** 74:472-81, Sep 69

Tertiary hyperparathyroidism with fluctuating serum calcium levels. Cotton SG, et al. **Proc Roy Soc Med** 62:737-8, 7 Jul 69

[Differential diagnosis of congenital systemic diseases of the skeleton based on biochemical changes in the body fluids] Hirthe D, et al. **Beitr Orthop Trauma** 15:653-8, 1968 (Ger)

[On the detection of primary hyperparathyroidism in nephrolithiasis] Buhr J, et al. **Z Ges Inn Med** 24:297-301, 15 May 69 (Ger)

[On disease courses and complications in primary hyperparathyroidism] Kaiser W, et al. **Z Ges Inn Med** 24:289-97, 15 May 69 (Ger)

CHEMICALLY INDUCED

Selective renal involvement in the early development of hypercalcemia and hypophosphatemia in VX-2 carcinoma-bearing rabbits: studies on serum and tissues alkaline phosphatase and renal handling of phosphorus. Shtacher G. **Cancer Res** 29:1512-8, Aug 69

COMPLICATIONS

Chromophobe pituitary adenoma with acromegaly and TSH-induced hyperthyroidism associated with parathyroid adenoma. Acromegaly and parathyroid adenoma. Lamberg BA, et al. **Acta Endocr (Kobenhavn)** 60:157-72, Jan 69

Hypercalcemia of complex etiology: a case report. Ceballos R. **Alabama J Med Sci** 6:315-20, Jul 69

Some recent advances in endocrine surgery. Egdahl RH. **Amer J Surg** 118:363-7, Sep 69 (33 ref.)

Haemodialysis and tertiary hyperparathyrodism: renal homotransplantation and tubular dysfunction. Doak PB, et al. **Aust Ann Med** 18:138-42, May 69 (22 ref.)

Bone structure in osteomalacia, with special reference to ultrastructure. Bonucci E, et al. **J Bone Joint Surg [Brit]** 51:511-28, Aug 69

Muscular weakness in osteomalacia and hyperparathyroidism. Smith R, et al. **J Neurol Sci** 8:511-20, May-Jun 69

Carcinoma of female urethra. Occurrence with hyperparathyroidism. Huvos AG, et al. **New York J Med** 69:2042-5, 15 Jul 69

[Hyperfunction of the parathyroid glands with renal insufficiency and pruritus] Pacovský V. **Cas Lek Cesk** 108:1107, Sep 69 (Cze)

[Calcium: its metabolism, its excess in the organism] Aillet J. **Anesth Analg (Paris)** 26:363-75, May-Jun 69 (Fre)

[Tumor calcinosis in secondary hyperparathyroidism (physical and chemical study on calcified products)] Lapiere CM, et al. **Arch Belg Derm Syph** 24:153-63, 1968 (Fre)

[On a depressive syndrome in primary hyperparathyroidism] Bruck J, et al. **Wien Z Nervenheilk** 27:107-14, May 69 (Ger)

[On the detection of primary hyperparathyroidism in nephrolithiasis] Buhr J, et al. **Z Ges Inn Med** 24:297-301, 15 May 69 (Ger)

[On disease courses and complications in primary hyperparathyroidism] Kaiser W, et al. **Z Ges Inn Med** 24:289-97, 15 May 69 (Ger)

DIAGNOSIS

Normocalcemic primary hyperparathyroidism. Wills MR, et al. **Amer J Med** 47:384-91, Sep 69

A case of mild hyperparathyroidism in childhood. Latham SC, et al. **Arch Dis Child** 44:521-6, Aug 69

Benign osteoblastoma of the spine. Case report. Bloom MH, et al. **Clin Orthop** 65:157-62, Jul-Aug 69

The value of the selenomethionine Se 75 scan in preoperative localization of parathyroid adenomas. DiGiulio W, et al. **JAMA** 209:1873-80, 22 Sep 69

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 40-1969. **New Eng J Med** 281:783-91, 2 Oct 69

[Differential diagnosis of congenital systemic diseases of the skeleton based on biochemical changes in the body fluids] Hirthe D, et al. **Beitr Orthop Trauma** 15:653-8, 1968 (Ger)

[On the detection of primary hyperparathyroidism in nephrolithiasis] Buhr J, et al. **Z Ges Inn Med** 24:297-301, 15 May 69 (Ger)

[On disease courses and complications in primary hyperparathyroidism] Kaiser W, et al. **Z Ges Inn Med** 24:289-97, 15 May 69 (Ger)

[Laboratory diagnosis of hyperparathyroidism] Leshsh E. **Probl Endokr (Moskva)** 14:27-31, Nov-Dec 68 (Rus)

DRUG THERAPY

Parathyroid disease in long-term maintenance hemodialysis. Pendras JP. **Arch Intern Med (Chicago)** 124:312-21, Sep 69

Osteodystrophy developing spontaneously in the course of chronic renal failure. Stanbury SW, et al. **Arch Intern Med (Chicago)** 124:274-81, Sep 69

Tertiary hyperparathyroidism following postgastrectomy osteomalacia. Nadarajah A, et al. **Proc Roy Soc Med** 62:709-10, 7 Jul 69

[Transitory hyperparathyroidism in child of a hypoparathyroid mother] Schlack HG. **Arch Kinderheilk** 179:72-7, May 69 (Ger)

ENZYMOLOGY

Tubular reabsorption of phosphate in nephrolithiasis and hyperparathyroidism. Möllerberg H, et al. **Scand J Urol Nephrol** 2:109-14, 1968

ETIOLOGY

Physiologic studies in renal osteodystrophy treated by subtotal parathyroidectomy. Gill G, et al. **Amer J Med** 46:930-40, Jun 69

Normocalcemic primary hyperparathyroidism. Wills MR, et al. **Amer J Med** 47:384-91, Sep 69

A case of mild hyperparathyroidism in childhood. Latham SC, et al. **Arch Dis Child** 44:521-6, Aug 69

Invited discussion. Bricker NS, et al. **Arch Intern Med (Chicago)** 124:292-301, Sep 69

Calcium metabolism and osteodystrophy after renal transplantation. Hampers CL, et al. **Arch Intern Med (Chicago)** 124:282-91, Sep 69

The problem and unanswered questions. Renal osteodystrophy, soft tissue calcification, and distrubed divalent ion metabolism in chronic renal

failure. Kleeman CR, et al.
Arch Intern Med (Chicago) 124:262-8, Sep 69
Parathyroid disease in long-term maintenance hemodialysis. Pendras JP.
Arch Intern Med (Chicago) 124:312-21, Sep 69
Haemodialysis and tertiary hyperparathyrodism: renal homotransplantation and tubular dysfunction. Doak PB, et al. Aust Ann Med 18:138-42, May 69 (22 ref.)
Tertiary hyperparathyroidism after renal transplantation. JAMA 209:2048, 29 Sep 69
Intermittent peritoneal dialysis. A study of medical complications occurring in 16 patients. Cangiano JL, et al. Ohio Med J 65:681-7, Jul 69
Tertiary hyperparathyroidism following postgastrectomy osteomalacia. Nadarajah A, et al. Proc Roy Soc Med 62:709-10, 7 Jul 69
[Transitory hyperparathyroidism in child of a hypoparathyroid mother] Schlack HG.
Arch Kinderheilk 179:72-7, May 69 (Ger)
[Autonomous hyperparathyroidism due to parathyroid adenoma following kidney transplantation] Kistler HJ, et al.
Deutsch Med Wschr 94:2140-5, 17 Oct 69 (Ger)
[Importance of surgical management before and after organ transplantation] Pichlmaier H, et al.
Deutsch Med Wschr 94:2082-6, 10 Oct 69 (Ger)
[On a depressive syndrome in primary hyperparathyroidism] Bruck J, et al.
Wien Z Nervenheilk 27:107-14, May 69 (Ger)

METABOLISM

Selective renal involvement in the early development of hypercalcemia and hypophosphatemia in VX-2 carcinoma-bearing rabbits: studies on serum and tissues alkaline phosphatase and renal handling of phosphorus. Shtacher G. Cancer Res 29:1512-8, Aug 69
Tubular reabsorption of phosphate in nephrolithiasis and hyperparathyroidism. Möllerberg H, et al.
Scand J Urol Nephrol 2:109-14, 1968
[Transitory hyperparathyroidism in child of a hypoparathyroid mother] Schlack HG.
Arch Kinderheilk 179:72-7, May 69 (Ger)

OCCURRENCE

Distribution of serum calcium and phosphorus values in unselected ambulatory patients. Keating FR Jr, et al.
J Lab Clin Med 74:507-14, Sep 69

PATHOLOGY

Calcium metabolism and osteodystrophy after renal transplantation. Hampers CL, et al.
Arch Intern Med (Chicago) 124:282-91, Sep 69
Parathyroid disease in long-term maintenance hemodialysis. Pendras JP.
Arch Intern Med (Chicago) 124:312-21, Sep 69
Correlative light and electron microscopy in primary hyperparathyroidism. Black WC 3d.
Arch Path (Chicago) 88:225-41, Sep 69
Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 40-1969.
New Eng J Med 281:783-91, 2 Oct 69

PHYSIOPATHOLOGY

Relation between parathyroid cell mass and plasma calcium concentration in normal and uremic subjects. A theoretical model with an analysis of the concept of autonomy, and speculations on the mechanism of parathyroid hyperplasia. Parfitt AM.
Arch Intern Med (Chicago) 124:269-73, Sep 69
Effect of endocrines on central nervous system. II. Relkin R.
New York J Med 69:2248-65, 15 Aug 69 (279 ref.)
[Role of hormones in magnesium metabolism] Blahos J.
Sem Hop Paris 45:1895-900, 8 Jun 69 (71 ref.) (Fre)

RADIOGRAPHY

Triangular cartilage calcification in the wrists: its incidence in elderly persons. Dodds WJ, et al.
Amer J Roentgen 105:850-2, Apr 69
Calcium metabolism and osteodystrophy after renal transplantation. Hampers CL, et al.
Arch Intern Med (Chicago) 124:282-91, Sep 69
Parathyroid disease in long-term maintenance hemodialysis. Pendras JP.
Arch Intern Med (Chicago) 124:312-21, Sep 69
[On disease courses and complications in primary hyperparathyroidism] Kaiser W, et al.
Z Ges Inn Med 24:289-97, 15 May 69 (Ger)
[Case of hyperparathyroidism] Okada K, et al.
Orthop Surg (Tokyo) 20:462-6, Mar 69 (Jap)
[Tumor of the large cells and hyperparathyroidism] Marín Hernández G, et al.
Rev Clin Esp 114:67-70, 15 Jul 69 (Spa)

SURGERY

Physiologic studies in renal osteodystrophy treated by subtotal parathyroidectomy. Gill G, et al.
Amer J Med 46:930-40, Jun 69
Tertiary hyperparathyroidism after renal transplantation. JAMA 209:2048, 29 Sep 69
Effects of calcium on serum gastrin levels in the zollinger-Ellison syndrome. Trudeau WL, et al.
New Eng J Med 281:862-6, 16 Oct 69
[Hyperfunction of the parathyroid glands with renal insufficiency and pruritus] Pacovský V.
Cas Lek Cesk 108:1107, Sep 69 (Cze)
[On a depressive syndrome in primary hyperparathyroidism] Bruck J, et al.
Wien Z Nervenheilk 27:107-14, May 69 (Ger)
[On the detection of primary hyperparathyroidism in nephrolithiasis] Buhr J, et al.
Z Ges Inn Med 24:297-301, 15 May 69 (Ger)
[Parathyroidectomy] Seta K, et al.
Shujutsu 23:552-8, May 69 (Jap)

URINE

[On the detection of primary hyperparathyroidism in nephrolithiasis] Buhr J, et al.
Z Ges Inn Med 24:297-301, 15 May 69 (Ger)
[On disease courses and complications in primary hyperparathyroidism] Kaiser W, et al.
Z Ges Inn Med 24:289-97, 15 May 69 (Ger)

HYPOPARATHYROIDISM

[Hypoparathyroidism in childhood] Fanconi A.
Ergebn Inn Med Kinderheilk 28:54-119, 1969 (306 ref.) (Ger)
[Case of idiopathic hypoparathyroidism] Kuramitsu H, et al. Naika 23:769-74, Apr 69 (Jap)

BLOOD

Epilepsy and electroencephalographic abnormalities in chronic surgical hypoparathyroidism. Basser LS, et al.
Ann Intern Med 71:507-15, Sep 69
[Hypoparathyroidism in childhood] Fanconi A.
Ergebn Inn Med Kinderheilk 28:54-119, 1969 (306 ref.) (Ger)

CHEMICALLY INDUCED

Diminished functional parathyroid reserve following I-131 treatment for hyperthyroidism. Better OS, et al.
Israel J Med Sci 5:419-22, May-Jun 69
[Relationship between parathyroid hormone, calcitonin, thyroxine and bone metabolism] Blahoš J, et al. Cas Lek Cesk 108:1118-21, Sep 69 (Cze)

COMPLICATIONS

Epilepsy and electroencephalographic abnormalities in chronic surgical hypoparathyroidism. Basser LS, et al.
Ann Intern Med 71:507-15, Sep 69
[Transitory hyperparathyroidism in child of a hypoparathyroid mother] Schlack HG.
Arch Kinderheilk 179:72-7, May 69 (Ger)
[Hypoparathyroidism in childhood] Fanconi A.
Ergebn Inn Med Kinderheilk 28:54-119, 1969 (306 ref.) (Ger)

CONGENITAL

Congenital hypoparathyroidism simulating epilepsy, with other symptoms and dental signs of intra-uterine hypocalcemia. Moshkowitz A, et al.
Pediatrics 44:401-9, Sep 69
[Hypoparathyroidism in childhood] Fanconi A.
Ergebn Inn Med Kinderheilk 28:54-119, 1969 (306 ref.) (Ger)

PARATHYROID AND BONE

DIAGNOSIS

Congenital hypoparathyroidism simulating epilepsy, with other symptoms and dental signs of intra-uterine hypocalcemia. Moshkowitz A, et al.
Pediatrics 44:401-9, Sep 69
[Case of idiopathic hypoparathyroidism] Kuramitsu H, et al. Naika 23:769-74, Apr 69 (Jap)

DRUG THERAPY

[Hypoparathyroidism in childhood] Fanconi A.
Ergebn Inn Med Kinderheilk 28:54-119, 1969 (306 ref.) (Ger)
[Treatment of hypoparathyroidism] Fujita T, et al.
Jap J Clin Med 27:1477-82, May 69 (Jap)

ETIOLOGY

Epilepsy and electroencephalographic abnormalities in chronic surgical hypoparathyroidism. Basser LS, et al.
Ann Intern Med 71:507-15, Sep 69
[Hypoparathyroidism in childhood] Fanconi A.
Ergebn Inn Med Kinderheilk 28:54-119, 1969 (306 ref.) (Ger)
[Secondary hypoparathyroidism (clinical and metabolic studies on 1344 cases of thyroidectomy)] Molinatti GM, et al.
Folia Endocr (Roma) 21:447-58, Aug 68 (Ita)

METABOLISM

Adult-onset vitamin-D-resistant hypophosphatemic osteomalacia. Effect of total parathyroidectomy. Riggs BL, et al. New Eng J Med 281:762-6, 2 Oct 69
[Secondary hypoparathyroidism (clinical and metabolic studies on 1344 cases of thyroidectomy)] Molinatti GM, et al.
Folia Endocr (Roma) 21:447-58, Aug 68 (Ita)

PATHOLOGY

[Case of idiopathic hypoparathyroidism] Kuramitsu H, et al. Naika 23:769-74, Apr 69 (Jap)

PHYSIOPATHOLOGY

Epilepsy and electroencephalographic abnormalities in chronic surgical hypoparathyroidism. Basser LS, et al.
Ann Intern Med 71:507-15, Sep 69
Effect of endocrines on central nervous system. II. Reikin R.
New York J Med 69:2248-65, 15 Aug 69 (279 ref.)
[Role of hormones in magnesium metabolism] Blahos J.
Sem Hop Paris 45:1895-900, 8 Jun 69 (71 ref.) (Fre)

RADIOGRAPHY

[Hypoparathyroidism in childhood] Fanconi A.
Ergebn Inn Med Kinderheilk 28:54-119, 1969 (306 ref.) (Ger)

THERAPY

[Treatment of hypoparathyroidism] Fujita T, et al.
Jap J Clin Med 27:1477-82, May 69 (Jap)

URINE

[Hypoparathyroidism in childhood] Fanconi A.
Ergebn Inn Med Kinderheilk 28:54-119, 1969 (306 ref.) (Ger)

PARATHYROID DISEASES

CHEMICALLY INDUCED

Renal and parathyroid changes produced by high calcium intake in growing pullets. Shane SM, et al.
Avian Dis 13:558-67, Aug 69

DIAGNOSIS

Applications of radioisotopes to urology and renal medicine. Hill DW. Brit J Urol Suppl:4-14, Aug 69
Radioisotope scanning in internal medicine. Ephraim KH. Folia Med Neerl 11:100-37, 1968 (23 ref.)

PATHOLOGY

An electron microscopic study of the parathyroid glands in man: evidence of secretory material. Weymouth RJ, et al.
Acta Endocr (Kobenhavn) 61:334-42, Jun 69
Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 40-1969.
New Eng J Med 281:783-91, 2 Oct 69

SURGERY

Some recent advances in endocrine surgery. Egdahl RH. Amer J Surg 118:363-7, Sep 69 (33 ref.)

VETERINARY

Renal and parathyroid changes produced by high calcium intake in growing pullets. Shane SM, et al.
Avian Dis 13:558-67, Aug 69

PARATHYROID NEOPLASMS

Parathyroid adenoma. Campbell JG, et al.
J Okla Med Ass 62:363-8, Aug 69
Parathyroid adenoma. Edwards PA.
Nurs Times 65:1162-5, 11 Sep 69

COMPLICATIONS

Chromophobe pituitary adenoma with acromegaly and TSH-induced hyperthyroidism associated with parathyroid adenoma. Acromegaly and parathyroid adenoma. Lamberg BA, et al.
Acta Endocr (Kobenhavn) 60:157-72, Jan 69
Hypercalcemia of complex etiology: a case report. Ceballos R. Alabama J Med Sci 6:315-20, Jul 69
Long-standing recurrent pancreatitis as manifested in parathyroid carcinoma. Scharf Y, et al.
Amer J Gastroent 52:111-5, Aug 69
Normocalcemic primary hyperparathyroidism. Wills MR, et al. Amer J Med 47:384-91, Sep 69
Haemodialysis and tertiary hyperparathyrodism: renal homotransplantation and tubular dysfunction. Doak PB, et al. Aust Ann Med 18:138-42, May 69 (22 ref.)
[Autonomous hyperparathyroidism due to parathyroid adenoma following kidney transplantation] Kistler HJ, et al.
Deutsch Med Wschr 94:2140-5, 17 Oct 69 (Ger)
[On a depressive syndrome in primary hyperparathyroidism] Bruck J, et al.
Wien Z Nervenheilk 27:107-14, May 69 (Ger)
[Primary chronic hyperparathyroidism. Findings on 3 personal cases] Petronio R, et al.
Chir Pat Sper 15:455-88, Oct-Dec 67 (Ita)
[Case of hyperparathyroidism] Okada K, et al.
Orthop Surg (Tokyo) 20:462-6, Mar 69 (Jap)
[Primary hyperthyroidism] Otero C.
Rev Med Chile 97:267-9, Apr 69 (Spa)

DIAGNOSIS

Parathyroid adenoma. J Tenn Med Ass 62:830-3, Sep 69
The value of the selenomethionine Se 75 scan in preoperative localization of parathyroid adenomas. DiGiulio W, et al. JAMA 209:1873-80, 22 Sep 69
[Contribution to the parathyroid scintigraphic study] Gruss JD, et al. Presse Med 77:1235-6, 6 Sep 69 (Fre)

METABOLISM

[The effect of sterols and steroids on the body calcium fractions] Harnapp GO.
Z Aerztl Fortbild (Jena) 63:612-21, 1 Jun 69 (Ger)

PATHOLOGY

An electron microscopic study of the parathyroid glands in man: evidence of secretory material. Weymouth RJ, et al.
Acta Endocr (Kobenhavn) 61:334-42, Jun 69
Long-standing recurrent pancreatitis as manifested in parathyroid carcinoma. Scharf Y, et al.
Amer J Gastroent 52:111-5, Aug 69
Correlative light and electron microscopy in primary hyperparathyroidism. Black WC 3d.
Arch Path (Chicago) 88:225-41, Sep 69
[Tumor calcinosis in secondary hyperparathyroidism (physical and chemical study on calcified products)]

Lapiere CM, et al.
Arch Belg Derm Syph 24:153-63, 1968 (Fre)
[Autonomous hyperparathyroidism due to parathyroid adenoma following kidney transplantation] Kistler HJ, et al.
Deutsch Med Wschr 94:2140-5, 17 Oct 69 (Ger)
[Primary chronic hyperparathyroidism. Findings on 3 personal cases] Petronio R, et al.
Chir Pat Sper 15:455-88, Oct-Dec 67 (Ita)

RADIOGRAPHY

The value of the selenomethionine Se 75 scan in preoperative localization of parathyroid adenomas. DiGiulio W, et al. JAMA 209:1873-80, 22 Sep 69
Parathyroid adenoma. Edwards PA.
Nurs Times 65:1162-5, 11 Sep 69
[Tumor of the large cells and hyperparathyroidism] Marín Hernández G, et al.
Rev Clin Esp 114:67-70, 15 Jul 69 (Spa)

SURGERY

Long-standing recurrent pancreatitis as manifested in parathyroid carcinoma. Scharf Y, et al.
Amer J Gastroent 52:111-5, Aug 69
Normocalcemic primary hyperparathyroidism. Wills MR, et al. Amer J Med 47:384-91, Sep 69
A case of mild hyperparathyroidism in childhood. Latham SC, et al. Arch Dis Child 44:521-6, Aug 69
The value of the selenomethionine Se 75 scan in preoperative localization of parathyroid adenomas. DiGiulio W, et al. JAMA 209:1873-80, 22 Sep 69
[On a depressive syndrome in primary hyperparathyroidism] Bruck J, et al.
Wien Z Nervenheilk 27:107-14, May 69 (Ger)
[On a rare cause of pathogenesis of the aortic arch syndrome] Karobath H, et al.
Z Kreislaufforsch 58:397-404, Apr 69 (Ger)

PARATHYROID AND BONE

III. Parathyroid Hormone

PARATHYROID HORMONE

Polypeptide hormones. Behrens OK, et al.
Ann Rev Biochem 38:83-112, 1969 (231 ref.)
The effect of environment on skeletal tissue in culture. Fell HB.
Embryologia (Nagoya) 10:181-205, Feb 69 (27 ref.)
Structural studies on polypeptide hormones. II. Polarization of fluorescence. Bernstein RS, et al.
J Biol Chem 244:4398-405, 25 Aug 69
Structural studies on polypeptide hormones. I. Fluorescence. Edelhoch H, et al.
J Biol Chem 244:3876-83, 25 Jul 69
[Hormones regulating the calcium-phosphorus equilibrium: parathormon and thyrocalcitonin] Langer-Gawin D.
Wiad Lek 22:1201-5, 1 Jul 69 (20 ref.) (Pol)

ADMINISTRATION & DOSAGE

Effect of steroid hormones on the parathyroid hormone dose-response curve. Magargal LE, et al.
J Pharmacol Exp Ther 169:138-41, Sep 69

ANALYSIS

Hypercalcemic crisis in acute leukemia. Benvenisti DS, et al. Amer J Med 46:976-84, Jun 69 (30 ref.)
Tyrosine fluorescence in proteins. Edelhoch H, et al.
Ann NY Acad Sci 158:391-409, 16 May 69
Polypeptide hormones. Behrens OK, et al.
Ann Rev Biochem 38:83-112, 1969 (231 ref.)
[Biologic determination of parathyroid hormone in 3-day-old rats] Garel JM.
C R Acad Sci [D] (Paris) 268:2932-3, 16 Jun 69 (Fre)
[Advances and problems in the determination of parathyroid hormone and thyrocalcitonin] Orimo H.
Clin Endocr (Tokyo) 17:325-41, Apr 69 (70 ref.) (Jap)

BLOOD

Physiologic studies in renal osteodystrophy treated by subtotal parathyroidectomy. Gill G, et al.
Amer J Med 46:930-40, Jun 69
Some recent advances in endocrine surgery. Egdahl RH. Amer J Surg 118:363-7, Sep 69 (33 ref.)
Plasma parathyroid hormone concentration in hypocalcemic parturient cows. Mayer GP, et al.
Amer J Vet Res 30:1587-97, Sep 69

DIAGNOSTIC USE

Subcutaneous calcification in the naevoid basal-cell carcinoma syndrome: response to parathyroid hormone and relationship to pseudo-hypoparathyroidism. Murphy KJ.
Clin Radiol 20:287-93, Jul 69

ISOLATION & PURIFICATION

Polypeptide hormones. Behrens OK, et al.
Ann Rev Biochem 38:83-112, 1969 (231 ref.)
Isolation techniques for pharmacologically active substances (animal). Temple DM.
Ann Rev Pharmacol 9:407-18, 1969 (165 ref.)

METABOLISM

Enzymatic hydrolysis of 125I-labeled parathyroid hormone. Fujita T, et al. Endocr Jap 16:383-9, Jun 69
Effect of steroid hormones on the parathyroid hormone dose-response curve. Magargal LE, et al.
J Pharmacol Exp Ther 169:138-41, Sep 69
[Nipiopharmacology of the anterior hypophysis hormones] Falorni A.
Minerva Nipiol 17:295-324, Nov-Dec 67 (403 ref.) (Ita)

PHARMACODYNAMICS

Dystrophic calcification of myocardium as conditioning factor in genesis of congestive heart failure. An experimental study. Bajusz E.
Amer Heart J 78:202-10, Aug 69
Bioassay of parathyroid hormone in vitro with a stable preparation of adenyl cyclase from rat kidney. Marcus R, et al. Endocrinology 85:801-10, Nov 69
Laboratory findings in a child with pseudo-vitamin D deficiency rickets. Matsuda I, et al.
Helv Paediat Acta 24:329-36, Jun 69
Inhibition by steroids of parathyroid hormone-induced Ca45 release from embryonic rat bone in vitro. Stern PH. J Pharmacol Exp Ther 168:211-7, Aug 69
Phosphate excretion in the laying hen. Martindale L.
J Physiol (London) 203:82P-83P, Jul 69
Effect of estradiol, testosterone, cortisone acetate, somatotropin, thyrotropin and parathyroid hormone on the lumbar intervertebral disc in growing dogs. Paatsama S, et al. J Small Anim Pract 10:351-4, Aug 69
Effects of calcium on serum gastrin levels in the zollinger-Ellison syndrome. Trudeau WL, et al.
New Eng J Med 281:862-6, 16 Oct 69
The effect of thyrocalcitonin and parathyroid hormone on bone metabolism in tissue culture. The effect on collagen breakdown in relation to bone demineralization. Heersche JN.
Proc Kon Nederl Akad Wet [Biol Med] 72:286-98, 1969
The action of parathyroid hormone on salivary glands in organ culture. I. Some aspects of the organ culture of mouse and rat embryonic salivary glands with special reference to the duct system. Plasmeyer JH.
Proc Kon Nederl Akad Wet [Biol Med] 72:354-69, 1969
[Relationship between parathyroid hormone, calcitonin, thyroxine and bone metabolism] Blahoš J, et al. Cas Lek Cesk 108:1118-21, Sep 69 (Cze)
[Regulation of calcemia] Courvoisier B.
Praxis 58:757-8, 1969 (Fre)
[Hypoparathyroidism in childhood] Fanconi A.
Ergebn Inn Med Kinderheilk 28:54-119, 1969 (306 ref.) (Ger)
[Fluorescence microscopic contributions on the growth process of tetracycline-labeled long bones of young rats with special reference to parathormone-induced bone changes] Scheier CA, et al. Z Mikr Anat Forsch 79:515-32, 1968 (Ger)
[Action of parathormone on human erythrocytic angiotensinase in vitro] Gilli P, et al.
Boll Soc Ital Biol Sper 44:1295-7, 31 Aug 68 (Ita)
[Nipiopharmacology of the anterior hypophysis hormones] Falorni A.
Minerva Nipiol 17:295-324, Nov-Dec 67 (403 ref.) (Ita)
[Calcemia in normal adult toads treated with parathormone and calcitonine following removal of the prepericardiac body. Preliminary results] Guardabassi A, et al. Ric Sci 38:742-4, Jul-Aug 68 (Ita)
[Histochemical study of periodontal tissue during tooth movement in the rat] Deguchi T.
J Jap Orthodont Soc 28:1-11, Jun 69 (Jap)
[Effects of parathyroid hormone on the microsomal functions of rat kidney] Yachiku S.
Jap J Urol 60:367-72, May 69 (Jap)
[The effect of parathyroidin on renal function] Kulaev DV. Probl Endokr (Moskva) 15:95-8, Mar-Apr 69 (Rus)
[Changes in the bone tissue of intact and parathyroidectomized rats under the effect of calcium gluconate and parathyroid hormone] Volozhin AI, et al.
Probl Endokr (Moskva) 14:105-7, May-Jun 68 (Rus)

PHYSIOLOGY

Gastric mucus and the gastric mucous barrier. A review. Menguy R.
Amer J Surg 117:806-12, Jun 69 (25 ref.)
Polypeptide hormones and calcium metabolism. Aurbach GD, et al.
Ann Intern Med 70:1243-65, Jun 69 (60 ref.)
Polypeptide hormones. Behrens OK, et al.
Ann Rev Biochem 38:83-112, 1969 (231 ref.)
The effect of thyroidectomy and parathyroidectomy in the remodelling of bone defects in adult dogs.

Detenbeck LC, et al.
Clin Orthop 65:199-202, Jul-Aug 69

Interrelationships between thyrocalcitonin, parathyroid hormone and vitamin D: control of serum calcium in hypervitaminosis D. Melancon MJ Jr, et al.
Endocrinology 85:704-10, Oct 69

[Calcium: its metabolism, its excess in the organism] Aillet J.
Anesth Analg (Paris) 26:363-75, May-Jun 69 (Fre)

[Role of hormones in magnesium metabolism] Biahos J.
Sem Hop Paris 45:1895-900, 8 Jun 69 (71 ref.) (Fre)

[Transitory hyperparathyroidism in child of a hypoparathyroid mother] Schlack HG.
Arch Kinderheilk 179:72-7, May 69 (Ger)

[On the ultrastructure of skeletal cells] Knese KH.
Hippokrates 40:241-7, 15 Apr 69 (Ger)

[The effect of sterols and steroids on the body calcium fractions] Harnapp GO.
Z Aerztl Fortbild (Jena) 63:612-21, 1 Jun 69 (Ger)

[The incidence and function of oxyphilous Welsh cells in parathyroid glands] Rother P.
Z Mikr Anat Forsch 79:533-56, 1968 (Ger)

[The role of bone tissue in calcium homeostasis] Rasmussen P.
Norske Tannlaegeforen Tid 78:713-25, Dec 68 (Nor)

SECRETION

The treatment of osteoporosis with calcium infusions. Evaluation of bone biopsies. Jowsey J, et al.
Amer J Med 47:17-22, Jul 69

Metabolic interrelations of calcium, magnesium, and phosphate. Clark I. Amer J Physiol 217:871-8, Sep 69

Relation between parathyroid cell mass and plasma calcium concentration in normal and uremic subjects. A theoretical model with an analysis of the concept of autonomy, and speculations on the mechanism of parathyroid hyperplasia. Parfitt AM.
Arch Intern Med (Chicago) 124:269-73, Sep 69

Magnesium and the haemodialysis patient. Stewart JH, et al. Lancet 2:798-9, 11 Oct 69

Adult-onset vitamin-D-resistant hypophosphatemic osteomalacia. Effect of total parathyroidectomy. Riggs BL, et al. New Eng J Med 281:762-6, 2 Oct 69

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BONE AND BONES

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Characterization of the cyanogen bromide peptides from the alpha-2 chain of chick skin collagen. Kang AH, et al. **Biochemistry (Wash)** 8:3200-4, Aug 69

The molecular weights of the alpha chains of chicken bone collagen by high-speed sedimentation equilibrium. Katz EP, et al. **Biochemistry (Wash)** 8:2609-15, Jun 69

Observations on the chemical reaction between bone tissue and Chlorazol Fast Pink BK. Mäkinen KK. **J Histochem Cytochem** 17:280-90, Apr 69

Bone-marrow and skeletal scanning. Kniseley RM, et al. **Radiol Clin N Amer** 7:265-80, Aug 69

Strontium-90 in human bone, July-September 1968. **Radiol Health Data Rep** 10:405-7, Sep 69

Measurements of bone strain in the walking animal. Lanyon LE, et al. **Res Vet Sci** 10:93-4, Jan 69

The staging of Hodgkin's disease. Vita VT de, et al. **Rev Franc Etud Clin Biol** 13:1004-6, Dec 68

[Osseous pains of growth] Herrault A. **Ann Pediat (Paris)** 14:523-5, Jun-Jul 67 (Fre)

[The use of phosphates and bone meal in the diet as anticariogenic factor. Experimental study on the hamster] Crone FL. **Rev Franc Odontostomat** 16:663-5, May 69 (Fre)

[18F complex compounds for bone scintigraphy] Maier-Borst W, et al. **Nuclearmedizin** 7:396-401, 31 Dec 68 (Ger)

[Studies on the fibrinolytic activity of human tissue] Sturm G, et al. **Z Orthop** 105:492-7, Jan 69 (Ger)

[Expedited decalcification of tissue samples through ultrasonic treatment] Thomas C, et al. **Zbl Allg Path** 112:194-5, 1969 (Ger)

[Homogenizer for hard tissue] Okuneva LM, et al. **Lab Delo** 1:59, 1967 (Rus)

[On the question of elasticity of freeze dried tissues sterilized by gamma rays] Khakkenzel'ner KhA, et al. **Sborn Ved Prac Lek Fak Karlov Univ Suppl**:549-51, 1968 (Rus)

ABNORMALITIES

Tricho-rhino-phalangeal syndrome. Gorlin RJ, et al. **Amer J Dis Child** 118:595-9, Oct 69

Frontometaphyseal dysplasia. A new syndrome. Gorlin RJ, et al. **Amer J Dis Child** 118:487-94, Sep 69

Ehlers-Danlos Syndrome with some unusual skeletal abnormalities. Avogaro P, et al. **Clin Orthop** 65:183-90, Jul-Aug 69

Variations in teratogenic response to hypervitaminosis A in three strains of the albino rat. Nolen GA. **Food Cosmet Toxic** 7:209-14, May 69

Congenital dislocation of the head of the radius. Almquist EE, et al. **J Bone Joint Surg [Amer]** 51:1118-27, Sep 69

Orthopaedic aspects of the Ehlers-Danlos syndrome. Beighton P, et al. **J Bone Joint Surg [Brit]** 51:444-53, Aug 69

Dysmelia. A classification and a pattern of malformation in a group of congenital defects of the limbs. Henkel L, et al. **J Bone Joint Surg [Brit]** 51:399-414, Aug 69

Syndrome of retardation with urogenital and skeletal anomalies (Smith-Lemli-Opitz syndrome): clinical features and mode of inheritance. Dallaire L. **J Med Genet** 6:113-20, Jun 69

The Rubinstein-Taybi syndrome. Walker AC, et al. **Med J Aust** 2:99-101, 12 Jul 69

Hereditary deafness in man. Konigsmark BW. **New Eng J Med** 281:774-8 contd, 2 Oct 69 (24 ref.)

Teratologic studies of carbaryl, diazinon, norea, disulfiram, and thiram in small laboratory animals. Robens JF. **Toxic Appl Pharmacol** 15:152-63, Jul 69

[On three cases of C trisomy] Lejeune J, et al. **Ann Genet (Paris)** 12:28-35, Mar 69 (Fre)

[Embryotoxic and teratogenic action of a methylhydrazine in mice and rabbits] Mercier-Parot L, et al. **C R Soc Biol (Paris)** 163:16-20, 1969 (Fre)

[Skeletal deformity during Turner's syndrome] Linquette M, et al. **Lille Med** 12:409-20, Apr 67 (Fre)

[Human genetic problems of malformations] Wittwer B. **Beitr Orthop Trauma** 15:581-3, Oct 68 (Ger)

[The XYY status in children] Keutel J, et al. **Z Kinderheilk** 106:314-32, 1969 (Ger)

[Pyknodysostosis. Radiological aspects] Emmola C. **Minerva Pediat** 21:1311-3, 14 Jul 69 (Ita)

[Radiologic study of the supernumerary bones of the foot] Tsuruta T, et al. **Rinsho Hosha** 14:460-71, Jun 69 (Jap)

[Clinico-radiological, biochemical and genetic contributions to the study of periosteal dysplasias] Thoveanu G, et al. **Rev Medicochir Iasi** 73:327-32, Apr-Jun 69 (Rum)

[Dysostosis in children] Strokovskii S. **Pediatriia** 48:80-2, Jun 69 (Rus)

[Iliacotrochanteric bone] Dickman GH, et al. **Prensa Med Argent** 55:668-70, 7 Jun 68 (Spa)

[Malformations in rabbit embryos after maternal blood loss] Grote W. **German Med Monthly** 14:241-2, May 69 (Mul)

ANALYSIS

Histochemical analysis of the structural stability of biopolymers (preliminary data). Velican C. **Acta Histochem (Jena)** 31:261-86, 1968

Plutonium content of several internal organs following occupational exposure. Lagerquist CR, et al. **Amer Industr Hyg Ass J** 30:417-21, Jul-Aug 69

The distribution of lead and zinc in the human skeleton. Strehlow CD, et al. **Amer Industr Hyg Ass J** 30:372-8, Jul-Aug 69

Importance of dietary Ca:PO4 ratios on skeletal, Ca, Mg, and PO4 metabolism. Clark I. **Amer J Physiol** 217:865-70, Sep 69

Separation of radiocarbon from radiometals in biological samples. Nigrovic V, et al. **Anal Biochem** 30:403-12, Sep 69

An organically combined fluorine compound in bone. Peters RA, et al. **Biochem J** 113:9P-10P, Jun 69

Characterization of the cyanogen bromide peptides from the alpha 1 chain of chick skin collagen. Kang AH, et al. **Biochemistry (Wash)** 8:1506-14, Apr 69

A study on the effect of vitamin D in rats maintained on diets with different calcium and phosphorus content but with the same high ratio of calcium to phosphorus. Harrand RB, et al. **Brit J Nutr** 23:523-31, Aug 69

Isolation and fractionation of ribonucleic acids from regenerating rabbit bone. Deutsch A, et al. **Calcif Tissue Res** 3:249-60, 1969

Selective renal involvement in the early development of hypercalcemia and hypophosphatemia in VX-2 carcinoma-bearing rabbits: studies on serum and tissues alkaline phosphatase and renal handling of phosphorus. Shtacher G. **Cancer Res** 29:1512-8, Aug 69

Photodensitometry of bone roentgenograms with an on-line computer. Colbert C, et al. **Clin Orthop** 65:39-45, Jul-Aug 69

Population similarities in the onset and rate of adult endosteal bone loss. Garn SM, et al. **Clin Orthop** 65:51-60, Jul-Aug 69

Quantification of fat, muscle and bone in man. Malina RM. **Clin Orthop** 65:9-38, Jul-Aug 69 (177 ref.)

Muscle and bone hypertrophy. Positive effect of running exercise in the rat. Saville PD, et al. **Clin Orthop** 65:81-8, Jul-Aug 69

Strontium-90 in human bone. (Denmark 1964-1967). Levi H, et al. **Health Phys** 17:354-6, Aug 69

Investigation of the composition and crystal structure of bone salt by derivatography and infrared spectrophotometry. Paulik F, et al. **Hoppe Seyler Z Physiol Chem** 350:418-26, Apr 69

Zinc deficiency in the maternal rat during gestation, and zinc, iron, copper, and calcium content and enzyme activity in maternal and fetal tissues. Cox DH, et al. **J Nutr** 98:449-58, Aug 69

Manganese determination in mammalian bone by neutron activation analysis. Howes AD, et al. Life Sci 8:583-9, 15 Jun 69

Strontium-90 in human bone, April-June 1968. Radiol Health Data Rep 10:322-4, Jul 69

Acute toxicity of inhaled plutonium-239 nitrate in beagles. BNWL-714. Park JF, et al. US AEC Battelle Northwest 3.22-3+, May 68

Long-term studies of inhaled 144Ce-144Pro2 in beagles. BNWL-714. Stuart BO. US AEC Battelle Northwest 3.27-3+, May 68

Inhalation studies with promethium oxide in beagle dogs. BNWL-714. Stuart BO. US AEC Battelle Northwest 3.29-3+, May 68

Acute toxicity of inhaled crushed 238PuO2 microspheres in beagles. BNWL-714. Willard DH. US AEC Battelle Northwest 4.9-4+, May 68

Dichroism with congo red. A specific test for amyloid? Reissenweber NJ, et al. Virchow Arch [Path Anat] 347:254-9, 1969

Microradiography and scanning electron microscopy of bone sections. Hobdell MH, et al. Z Zellforsch 94:487-94, 1969

[Constitution of the hard tissue minerals relevant to Scherrer method] Hirai G, et al. J Jap Stomat Soc 36:79-86, Jun 69 (Jap)

[Solubility of bone collagen] Kuboki Y. J Jap Stomat Soc 36:121, Jun 69 (Jap)

[Experimental studies on radioactive strontium-85] Yoshii H. J Kumamoto Med Soc 43:427-43, 25 May 69 (Jap)

[Experimental study on antibiotic distribution to the temporal bone with special reference to tetracycline] Hiroishi T. J Otolaryng Jap 72:1029-51, May 69 (Jap)

[Studies on the constituents of Fossilia ossis mastodi. I] Fujii Y, et al. J Pharm Soc Jap 89:1024-7, Jul 69 (Jap)

[The use of spectography in determining the mineral component of bone tissue in hygienic studies] Novikov IuV, et al. Gig Sanit 34:72-6, Jun 69 (Rus)

[Some biochela indices of metabolism of the bone tissu n Isenk-Cushing disease] Kuuz AL. Probl Endokr (Moskva) 15:18-21, Jan-Feb 69 (Rus)

[Changes in the bone tissue of intact and parathyroidectomized rats under the effect of calcium gluconate and parathyroid hormone] Volozhin AI, et al. Probl Endokr (Moskva) 14:105-7, May-Jun 68 (Rus)

ANATOMY & HISTOLOGY

Homology of the extremities. Brindley HH. Amer J Orthop Surg 11:40-3 contd, Feb 69

Treatment plans in homogeneous tissue, using electrons of 15 to 37 MEV. Ovadia J. Ann NY Acad Sci 161:243-53, 3 Jul 69

Normal aging in the bone of the adult dog. Detenbeck LC, et al. Clin Orthop 65:76-80, Jul-Aug 69

Population similarities in the onset and rate of adult endosteal bone loss. Garn SM, et al. Clin Orthop 65:51-60, Jul-Aug 69

Fatty acid composition of caribou bone marrow. Meng MS, et al. Comp Biochem Physiol 30:187-91, 1 Jul 69

An introduction to the comparative morphology of mineralized tissues. Isenberg HD, et al. Curr Pract Orthop Surg 4:202-37, 1969

Weight of bone during the fetal period. Trotter M, et al. Growth 33:167-84, Jun 69

Scanning electron microscopy of primary membrane bone. Boyde A, et al. Z Zellforsch 99:98-108, 1969

[Anatomic and physiologic basis for the construction of seats] Akerblom B. Ergonomics 12:120-31, Mar 69 (Ger)

[On intraosseous tissue fissures] Chirkova AM. Arkh Anat 56:91-5, Jan 69 (Rus)

BLOOD SUPPLY

Bone marrow reactions to trauma. Stimulation of erythropoietic marrow by mechanical disruption, fracture or endosteal curettage. Van Dyke D, et al. Blood 34:257-75, Sep 69

Bone loss as a result of immobilization and chelation. Preliminary results in Macaca mulatta. Kazarian LE, et al. Clin Orthop 65:67-75, Jul-Aug 69

[Radioisotope scanning for diagnosis of bone tumors] Inoue S. Jap J Cancer Clin 15:237-42, Mar 69 (Jap)

[On intraosseous tissue fissures] Chirkova AM. Arkh Anat 56:91-5, Jan 69 (Rus)

[Importance of spinal osteoangiography in the diagnosis of localization of vertebromedullar processes] Vogelsang H, et al. Acta Oncol (Madrid) 7:185-200, Jul-Dec 68 (Spa)

CYTOLOGY

Mineral dynamics during hibernation and chronic immobility: a review. Bruce DS, et al. Aerospace Med 40:855-61, Aug 69 (101 ref.)

Tetracycline-based analysis of bone remodelling in osteopetrosis. Frost HM, et al. Clin Orthop 65:203-17, Jul-Aug 69

Impaired accumulation of ribonucleic acid precursors and depletion of ribonucleic acid in glucocorticoid-treated bone cells. Peck WA, et al. J Biol Chem 244:4174-84, 10 Aug 69

Microradiography and scanning electron microscopy of bone sections. Hobdell MH, et al. Z Zellforsch 94:487-94, 1969

[On the ultrastructure of skeletal cells] Knese KH. Hippokrates 40:241-7, 15 Apr 69 (Ger)

DRUG EFFECTS

Tissue reactions to some root filling materials implanted in the bone of rabbits. Friend LA, et al. Arch Oral Biol 14:629-38, Jun 69

Insulin effect on amino acid transport in bone. Hahn TJ, et al. Biochim Biophys Acta 184:675-7, 2 Sep 69

The effect of environment on skeletal tissue in culture. Fell HB. Embryologia (Nagoya) 10:181-205, Feb 69 (27 ref.)

Effect of calcitonin on glycosaminoglycan synthesis by embryo calf bone cells in vitro. Martin TJ, et al. Experientia 25:375-6, 15 Apr 69

Impaired accumulation of ribonucleic acid precursors and depletion of ribonucleic acid in glucocorticoid-treated bone cells. Peck WA, et al. J Biol Chem 244:4174-84, 10 Aug 69

The effect of thyrocalcitonin and parathyroid hormone on bone metabolism in tissue culture. The effect on collagen breakdown in relation to bone demineralization. Heersche JN. Proc Kon Nederl Akad Wet [Biol Med] 72:286-98, 1969

The action of parathyroid extract on the metabolism of ribonucleic acids in cultivated bone tissue. Isolation and characterization of RNA from calvaria of 20-day-old rat embryos. Wermeskerken RK van. Proc Kon Nederl Akad Wet [Biol Med] 72:336-53, 1969

[Changes in the bone tissue of intact and parathyroidectomized rats under the effect of calcium gluconate and parathyroid hormone] Volozhin AI, et al. Probl Endokr (Moskva) 14:105-7, May-Jun 68 (Rus)

EMBRYOLOGY

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Insulin effect on amino acid transport in bone. Hahn TJ, et al. Biochim Biophys Acta 184:675-7, 2 Sep 69

Effect of calcitonin on glycosaminoglycan synthesis by embryo calf bone cells in vitro. Martin TJ, et al. Experientia 25:375-6, 15 Apr 69

An investigation of the development of the wing skeleton in the quail (Coturnix c. japonica). Lansdown AB. J Anat 105:103-14, Jul 69

Impaired accumulation of ribonucleic acid precursors and depletion of ribonucleic acid in glucocorticoid-treated bone cells. Peck WA, et al. J Biol Chem 244:4174-84, 10 Aug 69

Inhibition by steroids of parathyroid hormone-induced Ca45 release from embryonic rat bone in vitro. Stern PH. J Pharmacol Exp Ther 168:211-7, Aug 69

[Research on the mode and mechanism of growth of embryonal chick tibia in vitro] Mareel M. C R Soc Biol (Paris) 163:221-4, 1969 (Fre)

ENZYMOLOGY

[Phenolphthalein phosphate method for the determination of alkaline phosphatase activity in tissues] Sviderskaia TA, et al. Lab Delo 1:57, 1969 (Rus)

GROWTH & DEVELOPMENT

Weight of bone in the fetus during the last half of pregnancy. Trotter M, et al. Clin Orthop 65:46-50, Jul-Aug 69

The effect of environment on skeletal tissue in culture.

Fell HB.
Embryologia (Nagoya) 10:181-205, Feb 69 (27 ref.)
[Endocrine factors in dental development] Job JC, et al. Rev Franc Odontostomat 16:625-34, May 69 (Fre)
[Premature physical aging in children] Lachmann D, et al. Wien Klin Wschr 81:499-500, 27 Jun 69 (Ger)

IMMUNOLOGY

The effect of environment on skeletal tissue in culture. Fell HB.
Embryologia (Nagoya) 10:181-205, Feb 69 (27 ref.)

INJURIES

Bone marrow reactions to trauma. Stimulation of erythropoietic marrow by mechanical disruption, fracture or endosteal curettage. Van Dyke D, et al. Blood 34:257-75, Sep 69

METABOLISM

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Metabolic interrelations of calcium, magnesium, and phosphate. Clark I. Amer J Physiol 217:871-8, Sep 69
Importance of dietary Ca:PO4 ratios on skeletal, Ca, Mg, and PO4 metabolism. Clark I. Amer J Physiol 217:865-70, Sep 69
Changes in the marrow cell cycle time following deposition of Ca45 in bone. Barranco SC, et al. Amer J Roentgen 106:802-7, Aug 69
Studies on the role of manganese in bone formation. II. Effect upon chondroitin sulfate synthesis in chick epiphyseal cartilage. Leach RM Jr, et al. Arch Biochem 133:22-8, Aug 69
Relationship between Sr85 uptake and histological changes during healing in dental extraction wounds in rats. Green LJ, et al. Arch Oral Biol 14:865-72, Aug 69
A model for studying the initiation of normal calcification in vivo. Alcock NW, et al. Biochem J 112:511-3, May 69
Insulin effect on amino acid transport in bone. Hahn TJ, et al. Biochim Biophys Acta 184:675-7, 2 Sep 69
Comparison of calcium kinetics in man and the rat. Bronner F, et al. Calcif Tissue Res 3:238-48, 1969
Tetracycline-based histological analysis of bone remodeling. Frost HM. Calcif Tissue Res 3:211-37, 1969 (41 ref.)
On the nature of exchangeable sodium in bone. Neuman WF, et al. Calcif Tissue Res 3:261-5, 1969
Photodensitometry of bone roentgenograms with an on-line computer. Colbert C, et al. Clin Orthop 65:39-45, Jul-Aug 69
Comparative metabolism of 137Cs by adult, suckling and prenatal rats. Mahlum DD, et al. Comp Biochem Physiol 30:169-75, 1 Jul 69
Plasma phosphate and the hypocalcemic response of intact, parathyroidectomized and nephrectomized rats to thyrocalcitonin. Kennedy JW 3d, et al. Endocrinology 85:657-61, Oct 69
2-Thiophenecarboxylic acid: a hypoglycemic, antilipolytic agent with hypocalcemic and hypophosphatemic effects in rats. Lloyd W, et al. Endocrinology 85:763-8, Oct 69
Interrelationships between thyrocalcitonin, parathyroid hormone and vitamin D: control of serum calcium in hypervitaminosis D. Melancon MJ Jr, et al. Endocrinology 85:704-10, Oct 69
Some effects of laser upon the bones. Kolár J, et al. Experientia 25:365-6, 15 Apr 69
Effect of calcitonin on glycosaminoglycan synthesis by embryo calf bone cells in vitro. Martin TJ, et al. Experientia 25:375-6, 15 Apr 69
Recent advances in the metabolism and function of vitamin D. DeLuca HF. Fed Proc 28:1678-89, Sep-Oct 69
On the question of differences in the number of endogenous haemopoietic tissue colonies in the spleens of irradiated hairless and haired mice. Vacek A, et al. Folia Biol (Krakow) 17:197-204, 1969
Calcium kineticstudies in patients with malaborption syndrome. Harrison JE, et al. Gastroenterology 56:751-7, Apr 69
The metabolism of tellurium in rats. Hollins JG. Health Phys 17:497-505, Sep 69
The deposition of uranium in bone. Rowland RE, et al. Health Phys 17:139-44, Jul 69
Impaired accumulation of ribonucleic acid precursors and depletion of ribonucleic acid in glucocorticoid-treated bone cells. Peck WA, et al. J Biol Chem 244:4174-84, 10 Aug 69
Effects of the carrier colloid on the clearance and distribution of radiocolloids. Anghileri LJ. J Nucl Biol Med 12:134-6, Jul-Sep 68
Cationic aggregation and experimental brain tumors' uptake of 51Cr-beta-glycerophosphate. Anghileri LJ. J Nucl Biol Med 12:128-33, Jul-Sep 68
Effects of magnesium deficiency, dietary sulfate and thyroxine treatment on kidney calcification and tissue protein-bound carbohydrate in the rat. Jacob M, et al. J Nutr 99:51-7, Sep 69
The effect of thyrocalcitonin and parathyroid hormone on bone metabolism in tissue culture. The effect on collagen breakdown in relation to bone demineralization. Heersche JN. Proc Kon Nederl Akad Wet [Biol Med] 72:286-98, 1969
The effect of thyroidectomy and thyroparathyroidectomy on the accretion of phosphorus into the skeleton of young goats. Symonds HW. Res Vet Sci 10:218-21, Mar 69
Metabolic and therapeutic studies of plutonium. IV. ANL-7535. Lindenbaum A, et al. US AEC Argonne Nat Lab 60-5, Dec 68
Effective dose of DTPA, spaced at 3-day intervals, in removal of skeletal plutonium. ANL-7535. Rosenthal MW, et al. US AEC Argonne Nat Lab 65-7, Dec 68
Inhalation studies with promethium oxide in beagle dogs. BNWL-714. Stuart BO. US AEC Battelle Northwest 3.29-3+, May 68
[Relationship between parathyroid hormone, calcitonin, thyroxine and bone metabolism] Blahoš J, et al. Cas Lek Cesk 108:1118-21, Sep 69 (Cze)
[Calcium: its metabolism, its excess in the organism] Aillet J. Anesth Analg (Paris) 26:363-75, May-Jun 69 (Fre)
[Aerobic metabolism and mineralisation of bone tissue] Cartier P. Bull Soc Chim Biol (Paris) 50:1819-32, 30 Jan 69 (Fre)
[X-ray diffraction study of incorporation in vivo of carbonate into bony mineral substance] Baud CA, et al. C R Acad Sci [D] (Paris) 268:2956-7, 16 Jun 69 (Fre)
[Apparent absorption and retention of sodium, potassium, calcium, and phosphorus in axenic and holoaxenic rats] Garnier H, et al. C R Acad Sci [D] (Paris) 269:379-82, 1969 (Fre)
[Effect of swine thyrocalcitonin on human osteoporosis] Milhaud G, et al. C R Acad Sci [D] (Paris) 268:3100-2, 23 Jun 69 (Fre)
[Calcium metabolism] Vignon G, et al. Rev Lyon Med 16:539-52, Jul-Aug 67 (Fre)
[Variation in the temporal-spatial distribution of 228Ra and 224Ra in the RES and marrow-free skeleton after incorporation of colloidal ThO2 (thorotrast)] Kaul A, et al. Biophysik 5:331-40, 1969 (Ger)
[18F complex compounds for bone scintigraphy] Maier-Borst W, et al. Nuclearmedizin 7:396-401, 31 Dec 68 (Ger)
[Investigations with tritium-labeled polyvinylpyrrolidone on storage and elimination in the rat] Marek H, et al. Z Ges Exp Med 150:213-22, 1969 (Ger)
[Experimental studies on radioactive strontium-85] Yoshii H. J Kumamoto Med Soc 43:427-43, 25 May 69 (Jap)
[Experimental study on antibiotic distribution to the temporal bone with special reference to tetracycline] Hiroishi T. J Otolaryng Jap 72:1029-51, May 69 (Jap)
[The role of bone tissue in calcium homeostasis] Rasmussen P. Norske Tanniaegeforen Tid 78:713-25, Dec 68 (Nor)
[Hormones regulating the calcium-phosphorus equilibrium: parathormon and thyrocalcitonin] Langer-Gawin D. Wiad Lek 22:1201-5, 1 Jul 69 (20 ref.) (Pol)
[The state of magnesium metabolism in various models of experimental rickets] Vagalova LB. Biull Eksp Biol Med 67:52-4, Mar 69 (Rus)
[Sr90 in the bone tissue of the population of the Soviet Union (1957-1967)] Mareĭ AN, et al. Gig Sanit 34:37-43, Mar 69 (Rus)
[The effect of the combined administration of Diacarb and sodium bicarbonate on the elimination of uranium in various routes of its entry into the organism] Ivannikov AT. Med Radiol (Moskva) 12:63-4, Aug 67 (Rus)
[The effect of excision of the (extraorbital) lacrimal glands on mineral metabolism in calcified tissues on the basis of the index of incorporated Ca45] Bubiakina MS. Pat Fiziol Eksp Ter 11:68-70, Mar-Apr 67 (Rus)

[Some biocheia indices of metabolism of the bone tissu n Isenk-Cushing disease] Kuuz AL.
Probl Endokr (Moskva) 15:18-21, Jan-Feb 69 (Rus)

[Changes in the bone tissue of intact and parathyroidectomized rats under the effect of calcium gluconate and parathyroid hormone] Volozhin AI, et al.
Probl Endokr (Moskva) 14:105-7, May-Jun 68 (Rus)

[Diffuse osteoclastosis in various forms of osteoporosis: a working hypothesis] De Portugal Alvarez J, et al.
Rev Clin Esp 110:127-36, 31 Jul 68 (52 ref.) (Spa)

[On the biological activity of provitamin D3] Mironova VM. **Ukr Biokhim Zh 40:576-80, 1968 (Ukr)**

PATHOLOGY

Comparison and analysis of the results of cytodiagnosis and frozen sections during operation. Sakai Y, et al.
Acta Cytol (Balt) 13:359-68, Jun 69

Hereditary hyperphosphatasia. Studies of three siblings. Thompson RC Jr, et al.
Amer J Med 47:209-19, Aug 69

A case of mild hyperparathyroidism in childhood. Latham SC, et al. **Arch Dis Child 44:521-6, Aug 69**

A study on the effect of vitamin D in rats maintained on diets with different calcium and phosphorus content but with the same high ratio of calcium to phosphorus. Harrand RB, et al. **Brit J Nutr 23:523-31, Aug 69**

A method for osseal radiomicrometric measurements in mice experiments. Berek L.
Experientia 25:633-4, 15 Jun 69

Bone structure in osteomalacia, with special reference to ultrastructure. Bonucci E, et al.
J Bone Joint Surg [Brit] 51:511-28, Aug 69

Malignant lymphomas of extrathymic origin induced in rats by murine erythroblastosis virus. Kirsten WH, et al. **J Nat Cancer Inst 43:735-46, Sep 69**

Hereditary lymphopenic agammaglobulinemia associated with a distinctive form of short-limbed dwarfism and ectodermal dysplasia. Gatti RA, et al.
J Pediat 75:675-84, Oct 69

Gaucher's disease: report of a case. McKelvie IJ, et al.
Med J Aust 2:297-9, 9 Aug 69

[Osteoporosis] Kaplan G.
Presse Med 77:1345-8, 24 Sep 69 (Fre)

[On a typical case of thyroid medullary carcinoma with demonstrated calcitonin hypersecretion] Gilbert-Dreyfus, et al.
Rev Franc Endocr Clin 10:205-19, May-Jun 69 (Fre)

[A contribution to etiology of congenital clubfoot (pathologic-anatomic studies on fetuses)] Schirmeyer R. **Beitr Orthop Trauma 15:591-4, Oct 68 (Ger)**

[To the question of a generalized blastomatosis (carcinoidomatosis) of the "helle zellen" system] Dirschmid K. **Beitr Path Anat 139:187-98, 1969 (Ger)**

[Treatment of osteoporosis with sodium fluoride. Morphological bone findings in 8 clinical cases] Kuhlencordt F, et al.
Deutsch Med Wschr 94:1730-4, 29 Aug 69 (Ger)

[On so-called Scott-Robb Smith histiocytic medullary reticulosis] Hardmeier T, et al.
Schweiz Med Wschr 99:806-12, 31 May 69 (Ger)

[Different reactions of osseous and soft supporting tissues to autopolymerizing plastic implants] Willert HG, et al. **Z Orthop 106:231-52, May 69 (Ger)**

[Radiologic, scintigraphic and bioptic findings in neoplastic lesions of the skeleton studied with radiostrontium (85Sr)] Trinci M, et al.
Nunt Radiol 33:1191-200, Oct 67 (Ita)

[Pathological changes of bones contributing to the development of bone sarcoma] Witwicki T, et al.
Wiad Lek 22:1071-6, 15 Jun 69 (Pol)

[On intraosseous tissue fissures] Chirkova AM.
Arkh Anat 56:91-5, Jan 69 (Rus)

PHYSIOLOGY

Polypeptide hormones. Behrens OK, et al.
Ann Rev Biochem 38:83-112, 1969 (231 ref.)

[Investigations on the stress of the temporo-maxillary joint] Molitor J.
Z Anat Entwicklungsgesch 128:109-40, 1969 (Ger)

[Kinetic study of the bone] Narabayashi Y.
J Jap Orthop Ass 43:475-80, Jun 69 (Jap)

PHYSIOPATHOLOGY

Mineral dynamics during hibernation and chronic immobility: a review. Bruce DS, et al.
Aerospace Med 40:855-61, Aug 69 (101 ref.)

Tetracycline-based analysis of bone remodelling in osteopetrosis. Frost HM, et al.
Clin Orthop 65:203-17, Jul-Aug 69

Muscle and bone hypertrophy. Positive effect of running exercise in the rat. Saville PD, et al.
Clin Orthop 65:81-8, Jul-Aug 69

[Infected pseudarthroses of the diaphyses of long bones] Kovanda M.
Acta Chir Orthop Traum Cech 36:204-6, Aug 69 (Cze)

[Condition of the bone-joint system in male hypogonadism (clinico-roentgenological examination] Starkova NT, et al.
Probl Endokr (Moskva) 15:3-7, May-Jun 69 (Rus)

RADIATION EFFECTS

Lymphatic and visceral irradiation from endolymphatic infusion in the rabbit. Lord R, et al.
Amer J Roentgen 106:700-7, Aug 69

High-energy electron dose perturbations in regions of tissue heterogeneity. Boone ML, et al.
Ann NY Acad Sci 161:214-32, 3 Jul 69

The effect of inhomogeneities on dose distributions of high-energy electrons. Brenner M, et al.
Ann NY Acad Sci 161:233-42, 3 Jul 69

Some effects of laser upon the bones. Kolár J, et al.
Experientia 25:365-6, 15 Apr 69

Radiation therapy with electron beam: current techniques. Tapley N duV, et al.
Radiol Clin N Amer 7:301-17, Aug 69

The argonne radium studies. Summary of fundamental data. ANL-7531 and ACRH-106. Miller CE, et al.
US AEC Argonne Nat Lab 1-596, Jan 69

Effect of age and physicochemical form on plutonium toxicity and metabolism in the rat. BNWL-714. Sikov MR, et al. **US AEC Battelle Northwest 5.8-5+, May 68**

[Tooth extractions and physiotherapy treatment of oro-pharyngo-laryngeal cancers] Bertoin P.
J Franc Otorhinolaryng 16:283-4, Apr 67 (Fre)

[Distribution of doses in the soft tissue in the vicinity of bones during exposure to gamma irradiation Co-60] Lobodziec W. **Nowotwory 19:147-52, Apr-Jun 69 (Pol)**

[On the pathological anatomy of lesions produced by Np 237] Lemberg VK, et al.
Arkh Pat 30:36-41, 1968 (Rus)

RADIOGRAPHY

Tricho-rhino-phalangeal syndrome. Gorlin RJ, et al.
Amer J Dis Child 118:595-9, Oct 69

Frontometaphyseal dysplasia. A new syndrome. Gorlin RJ, et al. **Amer J Dis Child 118:487-94, Sep 69**

Use of a digital computer in the measurement of roentgenographic bone density. Vogt FB, et al.
Amer J Roentgen 105:870-6, Apr 69

A case of mild hyperparathyroidism in childhood. Latham SC, et al. **Arch Dis Child 44:521-6, Aug 69**

Photodensitometry of bone roentgenograms with an on-line computer. Colbert C, et al.
Clin Orthop 65:39-45, Jul-Aug 69

A review of inherited osteopetrosis in the mouse. Man and other mammals also considered. Murphy HM.
Clin Orthop 65:97-109, Jul-Aug 69 (72 ref.)

Hereditary hematuria associated with mental retardation, convulsions, abnormal EEG and ocular abnormalities. Hirooka M, et al.
Tohoku J Exp Med 98:199-211, Jun 69

Microradiography and scanning electron microscopy of bone sections. Hobdell MH, et al.
Z Zellforsch 94:487-94, 1969

[Skeletal deformity during Turner's syndrome] Linquette M, et al. **Lille Med 12:409-20, Apr 67 (Fre)**

[Radiologic examination of Egyptian mummies in Danish museums] Christensen OE.
Sem Hop Paris 45:1990-8, 14 Jun 69 (Fre)

[A case of diffuse ochronosis] Wasa J, et al.
Beitr Orthop Trauma 15:482-4, Aug 68 (Ger)

[Significance of arteriography in leg ulcer] Teisinger P, et al. **Hautarzt 19:271-4, Jun 68 (Ger)**

[The Sanfilippo syndrome (polydystrophic oligophrenia, HS-mucopolysaccharidosis). Report on 8 cases and review of the literature] Rampini S.
Helv Paediat Acta 24:55-91, Feb 69 (63 ref.) (Ger)

[Changes of bones and joints in hemochromatosis] Dorfmann H, et al.
Munchen Med Wschr 111:1396-401, 20 Jun 69 (Ger)

[Radiological changes in bones in leukemia of adult

patients] Kolakowski L.
Pol Tyg Lek 24:841-3, 2 Jun 69 (Pol)
[Condition of the bone-joint system in male hypogonadism (clinico-roentgenological examination] Starkova NT, et al.
Probl Endokr (Moskva) 15:3-7, May-Jun 69 (Rus)

SURGERY

[Local fibroinolytic hemorrhages in orthopedic operations] Sturm G.
Beitr Orthop Trauma 15:437-44, Aug 68 (Ger)

CALCIFICATION, PHYSIOLOGIC

Metabolic interrelations of calcium, magnesium, and phosphate. Clark I. Amer J Physiol 217:871-8, Sep 69
The circumnatal status of molar crown maturation among the hominoidea. Oka SW, et al.
Arch Oral Biol 14:639-59, Jun 69
A model for studying the initiation of normal calcification in vivo. Alcock NW, et al.
Biochem J 112:511-3, May 69
Association of inorganic pyrophosphatase activity with normal calcification of rat costal cartilage in vivo. Alcock NW, et al. Biochem J 112:505-10, May 69
Comparison of calcium kinetics in man and the rat. Bronner F, et al. Calcif Tissue Res 3:238-48, 1969
Tetracycline-based histological analysis of bone remodeling. Frost HM.
Calcif Tissue Res 3:211-37, 1969 (41 ref.)
The influence of the periostracum on the shell structure of bivalve molluscs. Taylor JD, et al.
Calcif Tissue Res 3:274-83, 1969
The recalcification plasma clotting time. A valuable general clotting test in man and rats. Renaud S.
Canad J Physiol Pharmacol 47:689-93, Aug 69
An introduction to the comparative morphology of mineralized tissues. Isenberg HD, et al.
Curr Pract Orthop Surg 4:202-37, 1969
The transmural potentials in the functional oviduct of the hen. Leonard EM.
J Physiol (London) 203:83P-84P, Jul 69
Phosphate excretion in the laying hen. Martindale L.
J Physiol (London) 203:82P-83P, Jul 69
Lipid metabolism in normal and rachitic rat epiphyseal cartilage. Havivi E, et al.
Proc Soc Exp Biol Med 131:1300-4, Sep 69
Biochemistry and ion binding of connective tissue. 3. ANL-7535. Lindenbaum A, et al.
US AEC Argonne Nat Lab 67, Dec 68
[Aerobic metabolism and mineralisation of bone tissue] Cartier P.
Bull Soc Chim Biol (Paris) 50:1819-32, 30 Jan 69 (Fre)
[Growth in vitro of the chick embryo tibia] Mareel M.
C R Soc Biol (Paris) 162:2328-30, 1968 (Fre)
[Round table conference: conception of dental caries and its prevention] Onishi M, et al.
J Jap Dent Ass 22:264-75, Jun 69 (Jap)
[Grade of tissue calcification in the microscopic level] Nakano S. J Jap Orthop Ass 43:441-54, Jun 69 (Jap)
[Studies on the healing process of bone fracture, by means of histochemistry, microradiography and tetracycline labeling] Chiwata H.
Odontology (Tokyo) 57:8-39, Jun 69 (Jap)
[The role of bone tissue in calcium homeostasis] Rasmussen P.
Norske Tannlaegeforen Tid 78:713-25, Dec 68 (Nor)

DRUG EFFECTS

Calcium and phosphorus requirements for maximal growth and mineralization of the rat. Bernhart FW, et al. J Nutr 98:443-8, Aug 69

CALCIUM

METABOLISM

Physiologic studies in renal osteodystrophy treated by subtotal parathyroidectomy. Gill G, et al.
Amer J Med 46:930-40, Jun 69
The treatment of osteoporosis with calcium infusions. Evaluation of bone biopsies. Jowsey J, et al.
Amer J Med 47:17-22, Jul 69
Effect of skeletal muscle potentiators on Ca++ in cardiac sarcoplasmic reticulum. Nayler WG, et al.
Amer J Physiol 217:609-14, Aug 69
Calcium-binding protein and calcium absorption after vitamin D administration. Harmeyer J, et al.
Arch Biochem 133:247-54, Sep 69
Sarcoplasmic reticulum. 8. Use of 8-anilino-1-naphthalene sulfonate as conformational probe on biological membranes. Vanderkooi J, et al.
Arch Biochem 133:153-63, Aug 69
Intracellular inorganic ions and amino-acid pool in the isolated intestinal mucosa of the tortoise "Testudo hermanni hermanni" Gmelin. Gilles-Baillien M.
Arch Int Physiol 77:305-13, May 69
The interaction of reduced pyridine nucleotides with the red cell membrane. Wins P.
Arch Int Physiol 77:251-9, May 69
A model for studying the initiation of normal calcification in vivo. Alcock NW, et al.
Biochem J 112:511-3, May 69
Association of inorganic pyrophosphatase activity with normal calcification of rat costal cartilage in vivo. Alcock NW, et al. Biochem J 112:505-10, May 69
The effects of plant hormones on the efflux of inorganic ions from wheat aleurone tissue. Eastwood D, et al. Biochem J 113:33P, Jul 69
The adenosine triphosphatase and calcium ion-transporting activities of the sarcoplasmic reticulum of developing musce. Holland DL, et al.
Biochem J 114:161-70, Sep 69
Calcium uptake in mitochondria and vesicles of heart and skeletal muscle in presence of potassium, sodium, k-strophanthin and pentobarbital. Dransfeld H, et al.
Biochem Pharmacol 18:1335-45, Jun 69
Inhibition and activation of calcium transport in mitochondria. Effect of lanthanides and local anesthetic drugs. Mela L.
Biochemistry (Wash) 8:2481-6, Jun 69
The effect of noradrenaline on the calcium uptake of the sarcoplasmic reticulum. Shinebourne EA, et al.
Cardiovasc Res 3:113-7, Apr 69
Bone loss as a result of immobilization and chelation. Preliminary results in Macaca mulatta. Kazarian LE, et al. Clin Orthop 65:67-75, Jul-Aug 69
Water intake, gut absorption and sodium fluxes in amphibious and aquatic fishes. Dall W, et al.
Comp Biochem Physiol 30:247-60, 15 Jul 69
The twenty-four-hour seminal hydration response in goldfish (Carassius auratus). I. Sodium, potassium, calcium, magnesium, chloride and osmolality of serum and seminal fluid. Grant FB, et al.
Comp Biochem Physiol 30:273-80, 15 Jul 69
Annual meeting of the Endocrine Society in conjunction with International Congress of Endocrinology. Fisher GR.
Delaware Med J 41:124-6, Apr 69
Interrelationships between thyrocalcitonin, parathyroid hormone and vitamin D: control of serum calcium in hypervitaminosis D. Melancon MJ Jr, et al.
Endocrinology 85:704-10, Oct 69
Some effects of laser upon the bones. Kolár J, et al.
Experientia 25:365-6, 15 Apr 69
A comparative study of the intracellular divalent Ca movements in white and red muscle. Patriarca P, et al.
Experientia 25:598-9, 15 Jun 69
Pharmacology of excitation-contraction coupling in muscle. Introduction: statement of the problem. Bianchi CP. Fed Proc 28:1624-7, Sep-Oct 69
Agents which affect excitation-contraction coupling in normal and dystrophic muscle. Brust M.
Fed Proc 28:1649-56, Sep-Oct 69
Pharmacological action of local anesthetics on excitation-contraction coupling in striated and smooth muscle. Feinstein MB, et al.
Fed Proc 28:1643-8, Sep-Oct 69
Calcium kineticstudies in patients with malaborption syndrome. Harrison JE, et al.
Gastroenterology 56:751-7, Apr 69
The treatment of uraemic osteopathy. Schaefer K, et al.
German Med Monthly 14:238-40, May 69
Absorption of electrolytes from the colon in cases of ulcerative colitis and in control subjects. Gooptu D, et al. Gut 10:555-61, Jul 69
Laboratory findings in a child with pseudo-vitamin D deficiency rickets. Matsuda I, et al.
Helv Paediat Acta 24:329-36, Jun 69
The influence of adenosine triphosphate on isolated rat peritoneal mast cells. Diamant B.
Int Arch Allerg 36:3-21, 1969
Transport of calcium into adipose tissue in response to adrenocorticotropic hormone. Yanagi I, et al.
J Biochem (Tokyo) 66:99-100, Jul 69
Ca2+ uptake and acetyl phosphatase of skeletal muscle microsomes. Inhibition by Na+, K+, Li+, and

adenosine triphosphate. De Meis L.
J Biol Chem 244:3733-9, 25 Jul 69

Studies on the activation of phosphorylase in skeletal muscle by contraction and by epinephrine. Drummond GI, et al.
J Biol Chem 244:4235-40, 10 Aug 69

Energy-linked ion translocation in submitochondrial particles. I. Ca++ accumulation in submitochondrial particles. Loyter A, et al.
J Biol Chem 244:4422-7, 25 Aug 69

Intestinal capillaries. II. Structural effects ofEDTA and histamine. Clementi F, et al.
J Cell Biol 42:706-14, Sep 69

A comparative study of the role of mitochondria and the sarcoplasmic reticulum in the uptake and release of Ca++ by the rat diaphragm. Carafoli E, et al.
J Cell Physiol 74:17-30, Aug 69

Purification and ultrastructural properties of the calcium accumulating membranes in isolated sarcoplasmic reticulum preparations from skeletal muscle. Greaser ML, et al.
J Cell Physiol 74:37-50, Aug 69

Effects of trypan blue and Niagara blue 2B on the in vitro absorption of ions by the rat visceral yolk sac. Kernis MM, et al.
J Embryol Exp Morph 22:115-25, Aug 69

The effect of electrical stimulation and high potassium concentrations on the efflux of (3H) gamma-aminobutyric acid from brain slices. Srinivasan V, et al. J Neurochem 16:1235-44, Aug 69

Body composition in experimental intrauterine growth retardation in the rat. Hohenauer L, et al.
J Nutr 99:23-6, Sep 69

Inhibition by steroids of parathyroid hormone-induced Ca45 release from embryonic rat bone in vitro. Stern PH. J Pharmacol Exp Ther 168:211-7, Aug 69

Effects of lanthanum on contraction, calcium distribution and Ca45 movements in intestinal smooth muscle. Weiss GB, et al.
J Pharmacol Exp Ther 169:46-55, Sep 69

Aequorin-monitored calcium transients in single Maia muscle fibres. Ashley CC.
J Physiol (London) 203:32P-33P, Jul 69

Acid angiotensinase as a lysosomal enzyme. Matsunaga M, et al. Jap Circ J 33:545-51, May 69

Calcium activation of electrically inexcitable muscle fibers in primary hypokalemic periodic paralysis. Engel AG, et al. Neurology (Minneap) 19:851-8, Sep 69

25-hydroxycholecalciferol, the active form of vitamin D--Wisconsin scores again. Raisz LG.
New Eng J Med 281:616-7, 11 Sep 69

Vitamin D dependent calcium-binding protein. Current concepts. Wright LD.
New York J Med 69:1421-4, 1 Jun 69

Mechanical performance and calcium metabolism in rat isolated heart muscle after adrenalectomy. Gerlach A, et al. Pflueger Arch 311:96-108, 1969

Influence of calcium and magnesium on manganese absorption. Maas EV, et al.
Plant Physiol 44:796-800, Jun 69

The effect of thyrocalcitonin and parathyroid hormone on bone metabolism in tissue culture. The effect on collagen breakdown in relation to bone demineralization. Heersche JN.
Proc Kon Nederl Akad Wet [Biol Med] 72:286-98, 1969

Active transport of magnesium in escherichia coli. Silver S. Proc Nat Acad Sci USA 62:764-71, Mar 69

Separable spike and plateau action potentials and their roles in contraction of frog ventricle. Goto M, et al.
Proc Soc Exp Biol Med 131:1427-31, Sep 69

Studies on the sarcoplasmic reticulum of normal and dystrophic animals. Hsu QS, et al.
Proc Soc Exp Biol Med 131:1398-402, Sep 69

Calcium in the intestinal contents of rats on different calcium diets. Sernka TJ, et al.
Proc Soc Exp Biol Med 131:1420-3, Sep 69

The calcium pump of erythrocyte membrane and its inhibition by ethacrynic acid. Vincenzi FF.
Proc West Pharmacol Soc 11:58-60, 1968

Calcium ion and muscle contraction. Ebashi S, et al.
Progr Biophys 18:123-83, 1968 (280 ref.)

Cation exchange in blood, brain and CSF. Katzman R, et al. Progr Brain Res 29:283-96, 1968

Ion movements in isolated preparations from the mammalian brain. MacIlwain H.
Progr Brain Res 29:273-81, 1968 (35 ref.)

Thyrocalcitonin: evidence for physiological function. Gray TKMUNSON PL. Science 166:512-3, 24 Oct 69

The effect of urea on aggregation and incubation resistance of human platelets. Reuter H, et al.
Thromb Diath Haemorrh 21:403-8, 15 Jun 69

Histochemical study on mucopolysaccharides in calcium bilirubinate gallstones. Maki T, et al.
Tohoku J Exp Med 98:81-6, May 69

Effect of anticoagulants on calcium and magnesium content of human platelets. Aledort LM, et al.
Transfusion 9:212-3, Jul-Aug 69

The influence of Mg and Ca ions on the maintenance of avian kidney cells in tissue cultures. Sinkovic B.
Vet Rec 85:292-3, 6 Sep 69

[Calcium and the digestive tract. 2. Effect of gastrointestinal diseases on calcium absorption] Kocián J.
Cesk Gastroent Vyz 23:269-79, Sep 69 (102 ref.) (Cze)

[Nutritional problems in aerospace medicine] Fabre J, et al. Ann Nutr (Paris) 23:47-71, 1969 (Fre)

[Albers-Schönberg osteopetrosis. 2 cases with study of digestive absorption of Ca47] Rosenberg D, et al.
Ann Pediat (Paris) 16:237-47, 2 Apr 69 (Fre)

[A rapid separation method of sarcoplasm vesicles from their incubation media] François C.
Arch Int Physiol 77:376-7, May 69 (Fre)

[Collagen metabolism in pregnant rats] Nusagens N, et al. Arch Int Physiol 77:392-3, May 69 (Fre)

[Effect of swine thyrocalcitonin on human osteoporosis] Milhaud G, et al.
C R Acad Sci [D] (Paris) 268:3100-2, 23 Jun 69 (Fre)

[Pharmacologic action of pure Naja nigricollis venom fractions and calcium liberation in striated muscles] Tazieff-Depierre F, et al.
C R Acad Sci [D] (Paris) 268:2511-4, 19 May 69 (Fre)

[Nonspecific effects of allethrine on the ion permeabilities of rat embryo myocardium] Bernard C, et al. C R Soc Biol (Paris) 162:1998-2003, May 69 (Fre)

[Variation of the calcium and phosphorus levels of the rat fetus as a function of gestational age] Chef R.
C R Soc Biol (Paris) 163:215-8, 1969 (Fre)

[Specific inhibitors of membrane permeabilities and cardiac electrogenesis in an isopod crustacean: Porcellio dilatus] Holley A, et al.
J Physiol (Paris) 60:Suppl 2:461-2, 1968 (Fre)

[Demonstration of functionally active endogenous acetylcholine in embryonic myocardium before innervation] Obrecht-Coutris G.
J Physiol (Paris) 60:Suppl 2:506, 1968 (Fre)

[Effect of ouabain and cyclic A.M.P. on the catecholamine output of the isolated adrenal gland] Poyart CF, et al.
J Physiol (Paris) 60:Suppl 2:523, 1968 (Fre)

[Regulation of calcemia] Courvoisier B.
Praxis 58:757-8, 1969 (Fre)

[Osteoporosis] Kaplan G.
Presse Med 77:1345-8, 24 Sep 69 (Fre)

[Effect of potassium deficiency on intestinal absorption of calcium in growing rat] Cuisinier-Gleizes P, et al.
Rev Franc Etud Clin Biol 14:395-400, Apr 69 (Fre)

[Osteoporosis of rheumatoid polyarthritis] Vignon G, et al. Rev Lyon Med 16:529-38, Jul-Aug 67 (Fre)

[The role of calcium in implantology] Reynou R.
Rev Odontoimplant 24:35-8, Apr 69 (Fre)

[Transitory hyperparathyroidism in child of a hypoparathyroid mother] Schlack HG.
Arch Kinderheilk 179:72-7, May 69 (Ger)

[Differential diagnosis of congenital systemic diseases of the skeleton based on biochemical changes in the body fluids] Hirthe D, et al.
Beitr Orthop Trauma 15:653-8, 1968 (Ger)

[Hypercalciuria during therapy with calcium paraaminosalicylate as a pathogenic factor of urolithiasis] Schöne D, et al.
Deutsch Med Wschr 94:1928-32, 19 Sep 69 (Ger)

[Hypoparathyroidism in childhood] Fanconi A.
Ergebn Inn Med Kinderheilk 28:54-119, 1969 (306 ref.) (Ger)

[Effect of Sr ions on divalent Ca exchange in the guinea pig atrium] Glitsch HG.
Experientia 25:612-3, 15 Jun 69 (Ger)

[Influence of chlorpromazine, prenylamine, imipramine and reserpine on calcium exchange and muscle function (m. rectus and sartorius of frog)] Balzer H, et al.
Naunyn Schmiedeberg Arch Pharm 264:129-46, 1969 (Ger)

[Effect of alkali ions on the accumulation of divalent Ca+2 in mitochondria and vesicles] Dransfeld H, et al.
Naunyn Schmiedeberg Arch Pharm 263:25-6, 1969 (Ger)

[Effect of digitalis on the binding of Ca+2 in

subcellular fractions of the myocardium] Klaus W.
Naunyn Schmiedeberg Arch Pharm 263:24-5, 1969 (Ger)

[In vitro studies on the effect of digitoxin on the uptake of calcium in lipoid extracts from heart muscle] Klaus W, et al.
Naunyn Schmiedeberg Arch Pharm 263:230-1, 1969 (Ger)

[Studies on the efflux of divalent Ca+2 in erythrocyte ghosts] Porzig H.
Naunyn Schmiedeberg Arch Pharm 263:245-6, 1969 (Ger)

[The mechanism of action of cardiac glycosides] Schatzmann HJ.
Naunyn Schmiedeberg Arch Pharm 263:12-23, 1969 (126 ref.) (Ger)

[Comparative metabolic studies on young infants fed with low-protein and high-protein cow milk-ready-made foods] Heine W, et al.
Paediat Grenzgeb 7:301-16, 1968 (Ger)

[Effect of oral and intramuscular massive vitamin D doses on serum calcium in premature infants] Wagner E, et al. **Wien Med Wschr 119:415-8, 31 May 69 (Ger)**

[On a depressive syndrome in primary hyperparathyroidism] Bruck J, et al.
Wien Z Nervenheilk 27:107-14, May 69 (Ger)

[The incidence and function of oxyphilous Welsh cells in parathyroid glands] Rother P.
Z Mikr Anat Forsch 79:533-56, 1968 (Ger)

[Chronic calcific pancreatitis: etio-pathogenetic considerations] Gramegna A, et al.
Arch Ital Chir 94:723-35, 1968 (Ita)

[Secondary hypoparathyroidism (clinical and metabolic studies on 1344 cases of thyroidectomy)] Molinatti GM, et al.
Folia Endocr (Roma) 21:447-58, Aug 68 (Ita)

[Ca++ in the growth and thermoresistence of Bacillus stearothermophilus] Galdiero F, et al.
Riv Ist Sieroter Ital 43:323-7, Nov-Dec 68 (Ita)

[Preliminary studies on the mineral metabolism in Bacillus stearthermophilus] Tufano MA, et al.
Riv Ist Sieroter Ital 43:314-22, Nov-Dec 68 (Ita)

[Advances and problems in the determination of parathyroid hormone and thyrocalcitonin] Orimo H.
Clin Endocr (Tokyo) 17:325-41, Apr 69 (70 ref.) (Jap)

[Study on metabolism of Ca during pregnancy with special reference to interrelations between mother and child] Honda H.
J Jap Obstet Gynec Soc 21:281-90, Mar 69 (Jap)

[Action mechanism of ACTH] Fujii S, et al.
Jap J Clin Med 27:1422-5, May 69 (Jap)

[Study on iron absorption of the intestines. 1] Shimada T. **Nippon Ika Daig Z 36:170-5, 1969 (Jap)**

[Experimental study on calcium metabolism in osteomyelitis of the mandible] Kawachi H.
Shikwa Gaku 69:594-619, Apr 69 (Jap)

[The role of bone tissue in calcium homeostasis] Rasmussen P.
Norske Tannlaegeforen Tid 78:713-25, Dec 68 (Nor)

[Hormones regulating the calcium-phosphorus equilibrium: parathormon and thyrocalcitonin] Langer-Gawin D.
Wiad Lek 22:1201-5, 1 Jul 69 (20 ref.) (Pol)

[ATPase activity and Ca-transport by sarcoplasmic reticulum fragments] Boldyrev AA, et al.
Biokhimiia 34:119-24, Jan-Feb 69 (Rus)

[Concerning the effect of depancreatization on the dynamics of changes in ion concentration in tissues and blood plasma] Gutkin VI, et al.
Fiziol Zh SSSR Sechenov 54:583-7, May 68 (Rus)

[Effect of noradrenalin on the metabolism of electrolytes in the myocardium] Butenko GM.
Kardiologiia 9:104-9, Apr 69 (Rus)

[Condition of phosphorus-calcium metabolism in kidney function disorder] Barannikova IA.
Lab Delo 10:587-90, 1968 (Rus)

[The rentgenophotometric method of diagnosis of calcium deficiency in chronic enterocolitis] Lukash LK, et al. **Sovet Med 32:96-9, Jun 69 (Rus)**

[The problems of osteoporosis] Jesserer H.
Folia Clin Int (Barc) 17:527-34, Nov 69 (Spa)

[Effect of the chelate action of sodium citrate on calcium metabolism in rats] Murillo A, et al.
Rev Esp Fisiol 25:35-9, Mar 69 (Spa)

[Osteogenesis imperfecta. Clinical, genetic and metabolic findings apropos of 2 cases] Aeschlimann MI, et al. **Rev Med Chile 96:133-7, Mar 68 (Spa)**

[Study on the release mechanism of platelet factor 4] Akman N, et al.
Tip Fak Mec (Istanbul) 31:451-4, 1968 (Tur)

CHOLECALCIFEROL

BLOOD

An improved system for the separation of metabolites of isotopically labelled vitamin D3 on silicic acid columns. Mawer EB, et al. **Biochem J 112:255-6, Apr 69**

CHEMICAL SYNTHESIS

25-hydroxycholecalciferol, the active form of vitamin D--Wisconsin scores again. Raisz LG.
New Eng J Med 281:616-7, 11 Sep 69

ISOLATION & PURIFICATION

25-hydroxycholecalciferol, the active form of vitamin D--Wisconsin scores again. Raisz LG.
New Eng J Med 281:616-7, 11 Sep 69

METABOLISM

In vitro production of 25-hydroxycholecalciferol. Horsting M, et al.
Biochem Biophys Res Commun 36:251-6, 23 Jul 69

An improved system for the separation of metabolites of isotopically labelled vitamin D3 on silicic acid columns. Mawer EB, et al. **Biochem J 112:255-6, Apr 69**

Recent advances in the metabolism and function of vitamin D. DeLuca HF. **Fed Proc 28:1678-89, Sep-Oct 69**

PHARMACODYNAMICS

Calcium-binding protein and calcium absorption after vitamin D administration. Harmeyer J, et al.
Arch Biochem 133:247-54, Sep 69

25-hydroxycholecalciferol, the active form of vitamin D--Wisconsin scores again. Raisz LG.
New Eng J Med 281:616-7, 11 Sep 69

Vitamin D3-stimulated template activity of chromatin from rat intestine. Hallick RB, et al.
Proc Nat Acad Sci USA 63:528-31, Jun 69

Diphosphonates inhibit formation of calcium phosphate crystals in vitro and pathological calcification in vivo. Francis MD, et al.
Science 165:1264-6, 19 Sep 69

PHYSIOLOGY

Interrelationships between thyrocalcitonin, parathyroid hormone and vitamin D: control of serum calcium in hypervitaminosis D. Melancon MJ Jr, et al.
Endocrinology 85:704-10, Oct 69

THERAPEUTIC USE

[On the biological activity of provitamin D3] Mironova VM. **Ukr Biokhim Zh 40:576-80, 1968 (Ukr)**

DIHYDROTACHYSTEROL

[On the significiance of mast cells in the calcification of tissues during calciphylaxis] Polushkin BV.
Arkh Pat 30:45-9, 1968 (Rus)

PHARMACODYNAMICS

[On the pathogenesis of experimental calciphylaxis of salivary glands] Immenkamp M, et al.
Virchow Arch [Path Anat] 347:211-24, 1969 (Ger)

[The effect of sterols and steroids on the body calcium fractions] Harnapp GO.
Z Aerztl Fortbild (Jena) 63:612-21, 1 Jun 69 (Ger)

THERAPEUTIC USE

[Treatment of hypoparathyroidism] Fujita T, et al.
Jap J Clin Med 27:1477-82, May 69 (Jap)

ERGOCALCIFEROL

Arterial acid mucopolysaccharides following vitamin D induced injury. Tanaka Y, et al.
Kurume Med J 16:43-51, 1969

[Studies on the stability of vitamin D2 powder preparations. I. Relationship between surface acidity of excipients and isomerization of vitamin D2. (1)] Takahashi T, et al.
J Pharm Soc Jap 89:909-13, Jul 69 (Jap)

[Studies on the stability of vitamin D2 powder

preparations. IV. Isomerization of vitamin D2 and related compounds catalyzed by surface acid on excipients, and active site for catalytic reactions] Takahashi T, et al.
J Pharm Soc Jap 89:925-32, Jul 69 (Jap)

[Studies on the stability of vitamin D2 powder preparations. 3. Structure of a new isomer of vitamin D2] Takahashi T, et al.
J Pharm Soc Jap 89:919-24, Jul 69 (Jap)

[Studies on the stability of vitamin D2 powder preparations. VII. Prevention of vitamin D2 isomerization catalyzed by surface acid on solids] Takahashi T, et al.
J Pharm Soc Jap 89:943-6, Jul 69 (Jap)

[Studies on the stability of vitamin D2 powder preparations. II. Relationship between surface acidity of excipients and isomerization of vitamin D2. (2)] Takahashi T, et al.
J Pharm Soc Jap 89:914-8, Jul 69 (Jap)

[Studies on the stability of vitamin D2 powder preparations. VI. Influence of some vitamins and acids on the isomerization of vitamin D2] Takahashi T, et al.
J Pharm Soc Jap 89:938-42, Jul 69 (Jap)

ADMINISTRATION & DOSAGE

[Histopathological study of experimental hypervitaminosis D2 on the periodontium] Nomura H.
Shikwa Gaku 69:539-93, Apr 69 (Jap)

ADVERSE EFFECTS

[Reaction of the cardiovascular system of children to therapeutic doses of vitamin D2] Slobodian LM.
Pediatriia 48:48-50, Mar 69 (Rus)

ANALYSIS

Arterial acid mucopolysaccharides following vitamin D induced injury. Tanaka Y, et al.
Kurume Med J 16:43-51, 1969

[On the presence of calciferol in higher plants] Raoul Y, et al. Ann Nutr (Paris) 23:A41-2, 1969 (Fre)

[Determination of vitamin D in the presence of vitamin A. Utilization of the reaction of vitamin A dyshydratation for the chromatographic separation of the 2 vitamins] Mariani A, et al.
Ann Ist Sup Sanit 3:193-203, 1967 (Ita)

[Studies on the stability of vitamin D2 powder preparations. V. Separation and determination of vitamin D2 and its isomers] Takahashi T, et al.
J Pharm Soc Jap 89:933-7, Jul 69 (Jap)

[Quantitative determination of vitamin D by use of chromatography on hydrophobin thin layers of aluminum oxide] Petrova EA, et al.
Lab Delo 1:43-4, 1969 (Rus)

ANTAGONISTS & INHIBITORS

2-Thiophenecarboxylic acid: a hypoglycemic, antilipolytic agent with hypocalcemic and hypophosphatemic effects in rats. Lloyd W, et al.
Endocrinology 85:763-8, Oct 69

BLOOD

The isolation and identification of 25-hydroxyergocalciferol. Suda T, et al.
Biochemistry (Wash) 8:3515-20, Sep 69

ISOLATION & PURIFICATION

The isolation and identification of 25-hydroxyergocalciferol. Suda T, et al.
Biochemistry (Wash) 8:3515-20, Sep 69

METABOLISM

The isolation and identification of 25-hydroxyergocalciferol. Suda T, et al.
Biochemistry (Wash) 8:3515-20, Sep 69

PHARMACODYNAMICS

[Some problems of preventing disorder of the vitamin A nutrition of cows] Khakimov LK.
Veterinariia 44:79-81, Sep 67 (Rus)

POISONING

Metastatic calcification of soft tissue on overdosage of vitamin D. Irnell L. Acta Med Scand 185:147-52, Mar 69

THERAPEUTIC USE

Metastatic calcification of soft tissue on overdosage of vitamin D. Irnell L. Acta Med Scand 185:147-52, Mar 69

Haemodialysis and tertiary hyperparathyrodism: renal homotransplantation and tubular dysfunction. Doak PB, et al. Aust Ann Med 18:138-42, May 69 (22 ref.)

The isolation and identification of 25-hydroxyergocalciferol. Suda T, et al.
Biochemistry (Wash) 8:3515-20, Sep 69

Tertiary hyperparathyroidism following postgastrectomy osteomalacia. Nadarajah A, et al.
Proc Roy Soc Med 62:709-10, 7 Jul 69

HYPERCALCEMIA

Selective renal involvement in the early development of hypercalcemia and hypophosphatemia in VX-2 carcinoma-bearing rabbits: studies on serum and tissues alkaline phosphatase and renal handling of phosphorus. Shtacher G. Cancer Res 29:1512-8, Aug 69

Bone loss as a result of immobilization and chelation. Preliminary results in Macaca mulatta. Kazarian LE, et al. Clin Orthop 65:67-75, Jul-Aug 69

Interrelationships between thyrocalcitonin, parathyroid hormone and vitamin D: control of serum calcium in hypervitaminosis D. Melancon MJ Jr, et al.
Endocrinology 85:704-10, Oct 69

[Calcium: its metabolism, its excess in the organism] Aillet J.
Anesth Analg (Paris) 26:363-75, May-Jun 69 (Fre)

CHEMICALLY INDUCED

Metastatic calcification of soft tissue on overdosage of vitamin D. Irnell L. Acta Med Scand 185:147-52, Mar 69

2-Thiophenecarboxylic acid: a hypoglycemic, antilipolytic agent with hypocalcemic and hypophosphatemic effects in rats. Lloyd W, et al.
Endocrinology 85:763-8, Oct 69

Interrelationships between thyrocalcitonin, parathyroid hormone and vitamin D: control of serum calcium in hypervitaminosis D. Melancon MJ Jr, et al.
Endocrinology 85:704-10, Oct 69

Thyrocalcitonin: evidence for physiological function. Gray TKMUNSON PL. Science 166:512-3, 24 Oct 69

[Biologic determination of parathyroid hormone in 3-day-old rats] Garel JM.
C R Acad Sci [D] (Paris) 268:2932-3, 16 Jun 69 (Fre)

[Contribution of the norsteroids in the treatment of advanced breast cancer] Gorins A, et al.
Presse Med 77:817, 3 May 69 (Fre)

[Chemical study on inhibition of calcification] Rubin L, et al. Rev Canad Biol 27:313-9, Dec 68 (Fre)

[Induced hypercalcemia test in patients with gonadal dysgenesis] Pencea V, et al.
Rev Medicochir Iasi 73:313-8, Apr-Jun 69 (Rum)

COMPLICATIONS

Dystrophic calcification of myocardium as conditioning factor in genesis of congestive heart failure. An experimental study. Bajusz E.
Amer Heart J 78:202-10, Aug 69

Hypercalcemic crisis in acute leukemia. Benvenisti DS, et al. Amer J Med 46:976-84, Jun 69 (30 ref.)

John hunter and after: renal calculi and cancer of the bladder. (Hunter J), Pyrah LN.
Ann Roy Coll Surg Eng 45:1-22, Jul 69

Immunochemical classes of myelomatosis. Including data from a therapeutic trial conducted by a Medical Research Council working party. Hobbs JR.
Brit J Haemat 16:599-606, Jun 69

Infantile hypercalcaemic syndrome (without hypercalcaemia). Mann TP.
Proc Roy Soc Med 62:328, Apr 69

[Hypercalcemia and electroencephalographic anomalies. Apropos of an observation of Kahler's disease with hypercalcemia] Manigand G, et al.
Sem Hop Paris 45:2026-30, 20 Jun 69 (Fre)

DIAGNOSIS

[Calcium: its metabolism, its excess in the organism]

Aillet J.
Anesth Analg (Paris) 26:363-75, May-Jun 69 (Fre)
[Pediatric guiding principles. 20. Electrolytes] Schmalz H, et al.
Z Aerztl Fortbild (Jena) 63:478-86, 1 May 69 (Ger)

DRUG THERAPY

Hypercalcemic crisis in acute leukemia. Benvenisti DS, et al. Amer J Med 46:976-84, Jun 69 (30 ref.)
A case of mild hyperparathyroidism in childhood. Latham SC, et al. Arch Dis Child 44:521-6, Aug 69
Tertiary hyperparathyroidism with fluctuating serum calcium levels. Cotton SG, et al.
Proc Roy Soc Med 62:737-8, 7 Jul 69
[Chemical study on inhibition of calcification] Rubin L, et al. Rev Canad Biol 27:313-9, Dec 68 (Fre)
[Hypercalcemia and electroencephalographic anomalies. Apropos of an observation of Kahler's disease with hypercalcemia] Manigand G, et al.
Sem Hop Paris 45:2026-30, 20 Jun 69 (Fre)

ETIOLOGY

Hypercalcemia of complex etiology: a case report. Ceballos R. Alabama J Med Sci 6:315-20, Jul 69
Calcium metabolism and osteodystrophy after renal transplantation. Hampers CL, et al.
Arch Intern Med (Chicago) 124:282-91, Sep 69
Haemodialysis and tertiary hyperparathyrodism: renal homotransplantation and tubular dysfunction. Doak PB, et al. Aust Ann Med 18:138-42, May 69 (22 ref.)
Tertiary hyperparathyroidism after renal transplantation. JAMA 209:2048, 29 Sep 69
Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 40-1969.
New Eng J Med 281:783-91, 2 Oct 69
Tertiary hyperparathyroidism with fluctuating serum calcium levels. Cotton SG, et al.
Proc Roy Soc Med 62:737-8, 7 Jul 69
[Calcium: its metabolism, its excess in the organism] Aillet J.
Anesth Analg (Paris) 26:363-75, May-Jun 69 (Fre)
[Hypercalcemia and electroencephalographic anomalies. Apropos of an observation of Kahler's disease with hypercalcemia] Manigand G, et al.
Sem Hop Paris 45:2026-30, 20 Jun 69 (Fre)
[Autonomous hyperparathyroidism due to parathyroid adenoma following kidney transplantation] Kistler HJ, et al.
Deutsch Med Wschr 94:2140-5, 17 Oct 69 (Ger)
[Toxic hypercalcemia and reversible soft tissue calcification in the polyuric phase after acute kidney failure] Lange H, et al.
Deutsch Med Wschr 94:2155-6 passim, 17 Oct 69 (Ger)
[Idiopathic hypercalcemia. Review and presentation of a case] Vieira Filho JP.
Rev Ass Med Brasil 13:355-60, Oct 67 (Por)

OCCURRENCE

Distribution of serum calcium and phosphorus values in unselected ambulatory patients. Keating FR Jr, et al.
J Lab Clin Med 74:507-14, Sep 69

PATHOLOGY

Fine structure of the thyroid parafollicular cells in normal, vitamin D and CaCl2-treated, and CaCl2-treated mice. Nanba H, et al.
Arch Histol Jap 30:283-93, Apr 69
[Idiopathic hypercalcemia. Review and presentation of a case] Vieira Filho JP.
Rev Ass Med Brasil 13:355-60, Oct 67 (Por)

PHYSIOPATHOLOGY

The physicochemical state and renal handling of divalent ions in chronic renal failure. Coburn JW, et al. Arch Intern Med (Chicago) 124:302-11, Sep 69
Relation between parathyroid cell mass and plasma calcium concentration in normal and uremic subjects. A theoretical model with an analysis of the concept of autonomy, and speculations on the mechanism of parathyroid hyperplasia. Parfitt AM.
Arch Intern Med (Chicago) 124:269-73, Sep 69

PREVENTION & CONTROL

Biochemical studies on the anticalcinotic effect of sodium salicylate. Berczi I, et al.
Canad J Physiol Pharmacol 47:597-601, Jul 69

RADIOGRAPHY

[Calcium: its metabolism, its excess in the organism] Aillet J.
Anesth Analg (Paris) 26:363-75, May-Jun 69 (Fre)

OSTEOGENESIS IMPERFECTA

[Linear studies in osteogenesis imperfecta] Pissarek H. Beitr Orthop Trauma 15:631-3, Oct 68 (Ger)
[A rare case of delayed, complete, and sporadic osteogenesis imperfecta] Fratarcangeli S.
Valsalva 44:259-67, Oct 68 (Ita)
[Osteogenesis imperfecta of the van der Hoeve type in an 8-year-old girl] Zieleźnik E, et al.
Pol Tyg Lek 24:931, 16 Jun 69 (Pol)
[Osteogenesis imperfecta. Clinical, genetic and metabolic findings apropos of 2 cases] Aeschlimann MI, et al. Rev Med Chile 96:133-7, Mar 68 (Spa)

BLOOD

[A contribution to the clinical picture of osteogenesis imperfecta] Janke D.
Beitr Orthop Trauma 15:634-5, Oct 68 (Ger)
[Biochemical findings in osteogenesis imperfecta] Mühlbach R.
Beitr Orthop Trauma 15:635-6, Oct 68 (Ger)
[Linear studies in osteogenesis imperfecta] Pissarek H. Beitr Orthop Trauma 15:631-3, Oct 68 (Ger)

CLASSIFICATION

A pedigree of osteogenesis imperfecta. Ray AK.
J Genet Hum 17:69-74, May 69
[Clinical course and prognosis of osteogenesis imperfecta] Schickedanz H, et al.
Beitr Orthop Trauma 15:628-30, Oct 68 (Ger)

COMPLICATIONS

Hereditary deafness in man. Konigsmark BW.
New Eng J Med 281:827-32 concl, 9 Oct 69 (38 ref.)
[Clinical and blood coagulation studies on hemorrhagic diathesis in hereditary collagen diseases] Kashiwagi H. Naika 23:763-8, Apr 69 (Jap)

DIAGNOSIS

[Osteodysplasic geroderma of sex-linked heredity, a new clinical and genetic entity] Boreux G.
J Genet Hum 17:137-78, May 69 (Fre)

DRUG THERAPY

[A contribution to osteogenesis imperfecta] Schiewing P. Beitr Orthop Trauma 15:633-4, Oct 68 (Ger)

FAMILIAL & GENETIC

A pedigree of osteogenesis imperfecta. Ray AK.
J Genet Hum 17:69-74, May 69
[A rare case of delayed, complete, and sporadic osteogenesis imperfecta] Fratarcangeli S.
Valsalva 44:259-67, Oct 68 (Ita)

PHYSIOPATHOLOGY

Intraocular pressure and excretion of mucopolysaccharides in osteogenesis imperfecta. Berggren L, et al.
Acta Ophthal (Kobenhavn) 47:122-8, 1969

RADIOGRAPHY

[Clinical course and prognosis of osteogenesis imperfecta] Schickedanz H, et al.
Beitr Orthop Trauma 15:628-30, Oct 68 (Ger)

REHABILITATION

[A contribution to osteogenesis imperfecta] Schiewing P. Beitr Orthop Trauma 15:633-4, Oct 68 (Ger)

SURGERY

[Linear studies in osteogenesis imperfecta] Pissarek H. Beitr Orthop Trauma 15:631-3, Oct 68 (Ger)
[Orthopedic treatment of children with dysplastic diseases of the skeleton] Wolkow MW, et al. Beitr Orthop Trauma 15:649-52, 1968 (Ger)
[Experiences in realignment osteotomy for skeletal system diseases] Fujii H, et al. Orthop Surg (Tokyo) 20:869-78, Jun 69 (Jap)

URINE

Intraocular pressure and excretion of mucopolysaccharides in osteogenesis imperfecta. Berggren L, et al. Acta Ophthal (Kobenhavn) 47:122-8, 1969
[Differential diagnosis of congenital systemic diseases of the skeleton based on biochemical changes in the body fluids] Hirthe D, et al. Beitr Orthop Trauma 15:653-8, 1968 (Ger)

OSTEOMALACIA

[Osteoporosis] Kaplan G. Presse Med 77:1345-8, 24 Sep 69 (Fre)
[Osteomalacia] Chapuy P, et al. Rev Lyon Med 16:509-27, Jul-Aug 67 (Fre)

BLOOD

Serum alkaline phosphatase in adult coeliac disease. Harris OD, et al. Gut 10:655-8, Aug 69
Fibrinogenesis imperfecta ossium. Thomas WC Jr, et al. Trans Amer Clin Climat Ass 80:54-62, 1969

COMPLICATIONS

Muscular weakness in osteomalacia and hyperparathyroidism. Smith R, et al. J Neurol Sci 8:511-20, May-Jun 69
Osteomalacia. Connolly CK, et al. Proc Roy Soc Med 62:735-6, 7 Jul 69
Tertiary hyperparathyroidism following postgastrectomy osteomalacia. Nadarajah A, et al. Proc Roy Soc Med 62:709-10, 7 Jul 69

DIAGNOSIS

Fibrinogenesis imperfecta ossium. Thomas WC Jr, et al. Trans Amer Clin Climat Ass 80:54-62, 1969

DRUG THERAPY

Osteomalacia. Connolly CK, et al. Proc Roy Soc Med 62:735-6, 7 Jul 69
Tertiary hyperparathyroidism following postgastrectomy osteomalacia. Nadarajah A, et al. Proc Roy Soc Med 62:709-10, 7 Jul 69

ETIOLOGY

Invited discussion. Bricker NS, et al. Arch Intern Med (Chicago) 124:292-301, Sep 69
Parathyroid disease in long-term maintenance hemodialysis. Pendras JP. Arch Intern Med (Chicago) 124:312-21, Sep 69
Bone structure in osteomalacia, with special reference to ultrastructure. Bonucci E, et al. J Bone Joint Surg [Brit] 51:511-28, Aug 69
Adult-onset vitamin-D-resistant hypophosphatemic osteomalacia. Effect of total parathyroidectomy. Riggs BL, et al. New Eng J Med 281:762-6, 2 Oct 69
Fibrinogenesis imperfecta ossium. Thomas WC Jr, et al. Trans Amer Clin Climat Ass 80:54-62, 1969
[Fanconi's syndrome in adults (phospho-gluco-amino diabetes) and cancer] Lièvre JA, et al. Ann Med Intern (Paris) 120:459-68, Jun-Jul 69 (Fre)
[Osteomalacia] Chapuy P, et al. Rev Lyon Med 16:509-27, Jul-Aug 67 (Fre)
[Chronic feminine gout and postgastrectomy osteomalacia] Mardomingo Varela P, et al. Rev Clin Esp 113:455-60, 15 Jun 69 (Spa)

METABOLISM

Calcium kineticstudies in patients with malaborption syndrome. Harrison JE, et al. Gastroenterology 56:751-7, Apr 69
Adult-onset vitamin-D-resistant hypophosphatemic osteomalacia. Effect of total parathyroidectomy. Riggs BL, et al. New Eng J Med 281:762-6, 2 Oct 69

PATHOLOGY

Bone structure in osteomalacia, with special reference to ultrastructure. Bonucci E, et al. J Bone Joint Surg [Brit] 51:511-28, Aug 69
Adult-onset vitamin-D-resistant hypophosphatemic osteomalacia. Effect of total parathyroidectomy. Riggs BL, et al. New Eng J Med 281:762-6, 2 Oct 69
Fibrinogenesis imperfecta ossium. Thomas WC Jr, et al. Trans Amer Clin Climat Ass 80:54-62, 1969
[Osteomalacia] Chapuy P, et al. Rev Lyon Med 16:509-27, Jul-Aug 67 (Fre)

RADIOGRAPHY

[Chronic feminine gout and postgastrectomy osteomalacia] Mardomingo Varela P, et al. Rev Clin Esp 113:455-60, 15 Jun 69 (Spa)

THERAPY

Adult-onset vitamin-D-resistant hypophosphatemic osteomalacia. Effect of total parathyroidectomy. Riggs BL, et al. New Eng J Med 281:762-6, 2 Oct 69

OSTEOPETROSIS

Tetracycline-based analysis of bone remodelling in osteopetrosis. Frost HM, et al. Clin Orthop 65:203-17, Jul-Aug 69
[Albers-Schönberg osteopetrosis. 2 cases with study of digestive absorption of Ca47] Rosenberg D, et al. Ann Pediat (Paris) 16:237-47, 2 Apr 69 (Fre)

COMPLICATIONS

Hereditary deafness in man. Konigsmark BW. New Eng J Med 281:827-32 concl, 9 Oct 69 (38 ref.)
[Peripheral facial nerve paralysis during Albers-Schönberg disease] Gecow A, et al. Pediat Pol 44:745-7, Jun 69 (Pol)

ETIOLOGY

The oncogenic effects of nontransforming viruses from avian myeloblastosis virus. Smith RE, et al. Cancer Res 29:1356-66, Jul 69
[Contributions to osteopetrosis in pediatrics] Mikulowski W, et al. Przegl Lek 25:488-90, 24 Jun 69 (Pol)

FAMILIAL & GENETIC

A review of inherited osteopetrosis in the mouse. Man and other mammals also considered. Murphy HM. Clin Orthop 65:97-109, Jul-Aug 69 (72 ref.)

PATHOLOGY

A review of inherited osteopetrosis in the mouse. Man and other mammals also considered. Murphy HM. Clin Orthop 65:97-109, Jul-Aug 69 (72 ref.)

RADIOGRAPHY

Tetracycline-based analysis of bone remodelling in osteopetrosis. Frost HM, et al. Clin Orthop 65:203-17, Jul-Aug 69
[Albers-Schönberg osteopetrosis. 2 cases with study of digestive absorption of Ca47] Rosenberg D, et al. Ann Pediat (Paris) 16:237-47, 2 Apr 69 (Fre)
[Osteosynthesis in marble bone disease Albers-Schönberg] Müller-Stephann H. Beitr Orthop Trauma 15:639-40, Oct 68 (Ger)
[Contributions to osteopetrosis in pediatrics] Mikulowski W, et al. Przegl Lek 25:488-90, 24 Jun 69 (Pol)

SURGERY

[Osteosynthesis in marble bone disease Albers-Schönberg] Müller-Stephann H. Beitr Orthop Trauma 15:639-40, Oct 68 (Ger)

OSTEOPOROSIS

Rates of femoral cortical bone loss in two Nubian populations. Utilizing normalized and non-normalized data. Dewey JR, et al. Clin Orthop 65:61-6, Jul-Aug 69

Multiple myeloma, osteosclerosis and neuromyopathy. Osuntokun BO, et al. W Afr Med J 18:43-6, Apr 69

[Osteoporosis] Kaplan G.
Presse Med 77:1345-8, 24 Sep 69 (Fre)

[Biostatics in pathologically changed vertebral bodies] Seyss R. Med Klin 64:1428-31, 8 Aug 69 (Ger)

[Orthopedic aspects of osteoporosis] Morscher E.
Ther Umsch 25:567-70, Oct 68 (Ger)

[Septicopyemic forms of blood salmonellosis and experience in their therapy] Primachenko NB, et al.
Sovet Med 32:112-5, Jun 69 (Rus)

[The problems of osteoporosis] Jesserer H.
Folia Clin Int (Barc) 17:527-34, Nov 69 (Spa)

CLASSIFICATION

[Osteoporosis] Kaplan G.
Presse Med 77:1345-8, 24 Sep 69 (Fre)

[The problems of osteoporosis] Jesserer H.
Folia Clin Int (Barc) 17:527-34, Nov 69 (Spa)

[Diffuse osteoclastosis in various forms of osteoporosis: a working hypothesis] De Portugal Alvarez J, et al.
Rev Clin Esp 110:127-36, 31 Jul 68 (52 ref.) (Spa)

COMPLICATIONS

Ehlers-Danlos Syndrome with some unusual skeletal abnormalities. Avogaro P, et al.
Clin Orthop 65:183-90, Jul-Aug 69

L-dopa treatment too successful. Greenberg J.
New Eng J Med 281:621, 11 Sep 69

[Osteoporosis of rheumatoid polyarthritis] Vignon G, et al. Rev Lyon Med 16:529-38, Jul-Aug 67 (Fre)

[Waldenström's disease and amyloidosis. (Apropos of an anatomo-clinical case)] Alaoui A, et al.
Sem Hop Paris 45:768-76, 8 Mar 69 (Fre)

[Orthopedic aspects of osteoporosis] Morscher E.
Ther Umsch 25:567-70, Oct 68 (Ger)

[Autopsy case of acute leukemia with marked generalized osteoporosis] Majima E, et al.
Jap J Clin Med 27:1279-89, Apr 69 (Jap)

[Pure gonadal dysgenesis] Matsuoka M, et al.
Saishin Igaku 24:1129-39, May 69 (Jap)

[Fractures of long bones in paraplegics] Milić D.
Reumatizam 16:125-6, 1969 (Cro)

DIAGNOSIS

A case of IgAK-myelomatosis with two urinary Bence-Jones proteins (BJK and BJL) and multiple chromosomal abnormalities. Dammacco F, et al.
Acta Haemat (Basel) 41:309-20, 1969

[Osteoporosis] Kaplan G.
Presse Med 77:1345-8, 24 Sep 69 (Fre)

[A 125I profile scanner for measuring bone density in the fingers] Börner W, et al.
German Med Monthly 14:301-5, Jun 69 (Ger)

[Dietetics and therapy of senile osteoporosis] Lenzi F, et al. Clin Ter 43:221-31, 15 Nov 67 (Ita)

DRUG THERAPY

The treatment of osteoporosis with calcium infusions. Evaluation of bone biopsies. Jowsey J, et al.
Amer J Med 47:17-22, Jul 69

Estrogenic antagonism of metabolic effects of administered growth hormone. Schwartz E, et al.
J Clin Endocr 29:1176-81, Sep 69

[Effect of swine thyrocalcitonin on human osteoporosis] Milhaud G, et al.
C R Acad Sci [D] (Paris) 268:3100-2, 23 Jun 69 (Fre)

[Treatment of osteoporosis with sodium fluoride. Morphological bone findings in 8 clinical cases] Kuhlencordt F, et al.
Deutsch Med Wschr 94:1730-4, 29 Aug 69 (Ger)

ETIOLOGY

[Fanconi's syndrome in adults (phospho-gluco-amino diabetes) and cancer] Lièvre JA, et al.
Ann Med Intern (Paris) 120:459-68, Jun-Jul 69 (Fre)

[Apropos of osteoarthropathies in idiopathic hemochromatoses] Nicolino J, et al.
Diabete 15:196-200, Jul-Sep 67 (Fre)

[Osteoporosis] Kaplan G.
Presse Med 77:1345-8, 24 Sep 69 (Fre)

[Changes of bones and joints in hemochromatosis] Dorfmann H, et al.
Munchen Med Wschr 111:1396-401, 20 Jun 69 (Ger)

[Experimental osteoporosis of the calcaneus] Surin V.
Z Orthop 106:373-9, May 69 (Ger)

[Radiological changes in bones in leukemia of adult patients] Kolakowski L.
Pol Tyg Lek 24:841-3, 2 Jun 69 (Pol)

[Condition of the bone-joint system in male hypogonadism (clinico-roentgenological examination] Starkova NT, et al.
Probl Endokr (Moskva) 15:3-7, May-Jun 69 (Rus)

[Periodontotrauma (occlusal trauma). A. Periodontal pathology. Review of the literature] Carranza FA.
An Esp Odontoestomat 28:293-304, Jul-Aug 69 (49 ref.) (Spa)

[The problems of osteoporosis] Jesserer H.
Folia Clin Int (Barc) 17:527-34, Nov 69 (Spa)

[Diffuse osteoclastosis in various forms of osteoporosis: a working hypothesis] De Portugal Alvarez J, et al.
Rev Clin Esp 110:127-36, 31 Jul 68 (52 ref.) (Spa)

FAMILIAL & GENETIC

Craniometaphyseal dysplasia. Brons R, et al.
Oral Surg 28:202-15, Aug 69

METABOLISM

Estrogenic antagonism of metabolic effects of administered growth hormone. Schwartz E, et al.
J Clin Endocr 29:1176-81, Sep 69

[The problems of osteoporosis] Jesserer H.
Folia Clin Int (Barc) 17:527-34, Nov 69 (Spa)

OCCURRENCE

Fluoridated water, hemodialysis, and renal disease.
Med Lett Drugs Ther 11:67-8, 8 Aug 69

Relationship of water fluoridation to bone density in two N.Y. towns. Korns RF.
Public Health Rep 84:815-25, Sep 69

PATHOLOGY

[Osteoporosis] Kaplan G.
Presse Med 77:1345-8, 24 Sep 69 (Fre)

[Treatment of osteoporosis with sodium fluoride. Morphological bone findings in 8 clinical cases] Kuhlencordt F, et al.
Deutsch Med Wschr 94:1730-4, 29 Aug 69 (Ger)

[Autopsy case of acute leukemia with marked generalized osteoporosis] Majima E, et al.
Jap J Clin Med 27:1279-89, Apr 69 (Jap)

[The problems of osteoporosis] Jesserer H.
Folia Clin Int (Barc) 17:527-34, Nov 69 (Spa)

PHYSIOPATHOLOGY

[Osteoporosis] Kaplan G.
Presse Med 77:1345-8, 24 Sep 69 (Fre)

[Experimental osteoporosis of the calcaneus] Surin V.
Z Orthop 106:373-9, May 69 (Ger)

RADIOGRAPHY

A study of inter- and intra-observer error in reading plain roentgenograms of the hands. Bland JH, et al.
Amer J Roentgen 105:853-9, Apr 69

A study of inter- and intra-observer error in reading plain roentgenograms of the hands. "To err is human". Bland JH, et al. Amer J Roentgen 105:853-9, Apr 69

A clinical and radiological study of rheumatoid arthritis with a note on the findings in osteoarthrosis. I. The shoulder joint. McNair MM, et al.
Clin Radiol 20:269-77, Jul 69

Relationship of water fluoridation to bone density in two N.Y. towns. Korns RF.
Public Health Rep 84:815-25, Sep 69

[Skeletal maturation in Mediterranean anemia] Leccisotti A, et al.
Nunt Radiol 33:Suppl:201-8, 1967 (Ita)

[Mixed microcythemic-hemoglobin diseases of radiological interest] Tempesta M.
Nunt Radiol 33:Suppl:188-200, 1967 (Ita)

THERAPY

[Dietetics and therapy of senile osteoporosis] Lenzi F, et al. Clin Ter 43:221-31, 15 Nov 67 (Ita)

PSEUDOHYPOPARATHYROIDISM

COMPLICATIONS

[The course of a pregnancy in pseudo-hypoparathyroidism] Galązka A, et al. Przegl Lek 25:602-3, 1969 (Pol)

DIAGNOSIS

Polypeptide hormones and calcium metabolism. Aurbach GD, et al.
Ann Intern Med 70:1243-65, Jun 69 (60 ref.)

Subcutaneous calcification in the naevoid basal-cell carcinoma syndrome: response to parathyroid hormone and relationship to pseudo-hypoparathyroidism. Murphy KJ.
Clin Radiol 20:287-93, Jul 69

PHYSIOPATHOLOGY

Effect of endocrines on central nervous system. II. Reikin R.
New York J Med 69:2248-65, 15 Aug 69 (279 ref.)

RICKETS

Nutrition activities of the World Health Organization. Bengoa JM. J Amer Diet Ass 55:228-32, Sep 69

[Jaffé-Lichtenstein's fibrous dysplasia. (Apropos of a case with biological anomalies)] Salle B, et al. Ann Pediat (Paris) 14:511-6, Jun-Jul 67 (Fre)

[The effect of rickets on the appearance of maxillofacial deformiti in children born prematurely] Koeff J. Orthodont Franc 39:177-81, 1968 (Fre)

BLOOD

[Value of rickets prophylaxis from the orthopedic viewpoint] Harnapp O.
Beitr Orthop Trauma 15:705-8, 1968 (Ger)

[The effect of sterols and steroids on the body calcium fractions] Harnapp GO.
Z Aerztl Fortbild (Jena) 63:612-21, 1 Jun 69 (Ger)

[Sensitivity of plasma citric acid in deficiency rickets] Cresto JC, et al.
Arch Argent Pediat 66:136-43, Apr-Jun 68 (Spa)

COMPLICATIONS

Growth in familial hypophosphatemic vitamin-D-resistant rickets. McNair SL, et al.
New Eng J Med 281:512-6, 4 Sep 69

[Albers-Schönberg osteopetrosis. 2 cases with study of digestive absorption of Ca47] Rosenberg D, et al. Ann Pediat (Paris) 16:237-47, 2 Apr 69 (Fre)

[Bone and bone marrow regeneration following fractures in rachitic animals] Tarsoly E, et al. Acta Chir Acad Sci Hung 10:1-11, 1969 (Ger)

[Therapy of occasional convulsions in children and adolescents] Matthes A.
Munchen Med Wschr 111:1803-6, 5 Sep 69 (Ger)

[Bilateral urinary tract calculi in an 14-month-old boy] Bittner K, et al. Pol Tyg Lek 24:1009-10, 30 Jun 69 (Pol)

[Disorders of calcium and phosphate metabolism in Turner's syndrome complicated with rickets] Maciejewski J, et al.
Pol Tyg Lek 24:1010-1, 30 Jun 69 (Pol)

[Disorders of acid-base equilibrium in rachitic infants with pneumonia] Pronicka E.
Roczn Pom Akad Med Swierczewski 14:388-411, 1968 (Pol)

[Rickets in teeth] Bartenjev M.
Zobozdrav Vestn 24:70-2, 1969 (Slv)

DIAGNOSIS

Laboratory findings in a child with pseudo-vitamin D deficiency rickets. Matsuda I, et al.
Helv Paediat Acta 24:329-36, Jun 69

[Tibial-fibular diaphyseal toxopachyostosis in a 7-year-old girl] Charto-Garofalidis G, et al.
Presse Med 76:2434, 25 Dec 68 (Fre)

[Metaphyseal dysostosis] Bauer R.
Arch Orthop Unfallchir 64:305-12, 1968 (Ger)

DRUG THERAPY

The isolation and identification of 25-hydroxyergocalciferol. Suda T, et al.
Biochemistry (Wash) 8:3515-20, Sep 69

Laboratory findings in a child with pseudo-vitamin D deficiency rickets. Matsuda I, et al.
Helv Paediat Acta 24:329-36, Jun 69

Growth in familial hypophosphatemic vitamin-D-resistant rickets. McNair SL, et al.
New Eng J Med 281:512-6, 4 Sep 69

[The state of magnesium metabolism in various models of experimental rickets] Vagalova LB.
Biull Eksp Biol Med 67:52-4, Mar 69 (Rus)

[On the biological activity of provitamin D3] Mironova VM. Ukr Biokhim Zh 40:576-80, 1968 (Ukr)

ENZYMOLOGY

Growth in familial hypophosphatemic vitamin-D-resistant rickets. McNair SL, et al.
New Eng J Med 281:512-6, 4 Sep 69

[Condition of the enzyme activity of the intestine and pancreas in children with rickets] Volkova IuV.
Pediatriia 48:41-4, Jun 69 (Rus)

ETIOLOGY

A study on the effect of vitamin D in rats maintained on diets with different calcium and phosphorus content but with the same high ratio of calcium to phosphorus. Harrand RB, et al. Brit J Nutr 23:523-31, Aug 69

FAMILIAL & GENETIC

Growth in familial hypophosphatemic vitamin-D-resistant rickets. McNair SL, et al.
New Eng J Med 281:512-6, 4 Sep 69

HISTORY

Nutrition research in Britain. Widdowson EM.
J Amer Diet Ass 55:233-8, Sep 69

METABOLISM

Laboratory findings in a child with pseudo-vitamin D deficiency rickets. Matsuda I, et al.
Helv Paediat Acta 24:329-36, Jun 69

Lipid metabolism in normal and rachitic rat epiphyseal cartilage. Havivi E, et al.
Proc Soc Exp Biol Med 131:1300-4, Sep 69

[The state of magnesium metabolism in various models of experimental rickets] Vagalova LB.
Biull Eksp Biol Med 67:52-4, Mar 69 (Rus)

OCCURRENCE

Rickets in the welfare state. Arthur AB, et al.
New Zeal Med J 70:29-31, Jul 69

[Value of rickets prophylaxis from the orthopedic viewpoint] Harnapp O.
Beitr Orthop Trauma 15:705-8, 1968 (Ger)

PATHOLOGY

A study on the effect of vitamin D in rats maintained on diets with different calcium and phosphorus content but with the same high ratio of calcium to phosphorus. Harrand RB, et al. Brit J Nutr 23:523-31, Aug 69

PHYSIOPATHOLOGY

[Bone and bone marrow regeneration following fractures in rachitic animals] Tarsoly E, et al. Acta Chir Acad Sci Hung 10:1-11, 1969 (Ger)

PREVENTION & CONTROL

Rickets in the welfare state. Arthur AB, et al.
New Zeal Med J 70:29-31, Jul 69

[Value of rickets prophylaxis from the orthopedic viewpoint] Harnapp O.
Beitr Orthop Trauma 15:705-8, 1968 (Ger)

[Effect of oral and intramuscular massive vitamin D doses on serum calcium in premature infants] Wagner E, et al. Wien Med Wschr 119:415-8, 31 May 69 (Ger)

RADIOGRAPHY

Laboratory findings in a child with pseudo-vitamin D deficiency rickets. Matsuda I, et al.
Helv Paediat Acta 24:329-36, Jun 69
Rickets in the welfare state. Arthur AB, et al.
New Zeal Med J 70:29-31, Jul 69

SURGERY

Growth in familial hypophosphatemic vitamin-D-resistant rickets. McNair SL, et al.
New Eng J Med 281:512-6, 4 Sep 69
[Experiences in realignment osteotomy for skeletal system diseases] Fujii H, et al.
Orthop Surg (Tokyo) 20:869-78, Jun 69 (Jap)

URINE

[Urinary amino acids and acid mucopolysaccharides in common rickets in children] Fontains G, et al.
Folia Clin Int (Barc) 19:69-75, Feb 69 (Spa)

TETANY

Prolonged posttetanic hyperpolarization induced in single nerve fibres by long lasting repetitive stimulation. Bergmans J.
Arch Int Physiol 77:321-3, May 69
Antagonism of ventricular arrhythmias induced by digitalis--a neural phenomenon. Standaert FG, et al.
Europ J Pharmacol 6:209-16, 1969
[Output of motor activity accomplished immediately after stretching contracted muscles] Cavagna GA, et al. J Physiol (Paris) 60:Suppl 2:414, 1968 (Fre)
[Bartter's syndrome--case report and literature review] Kono T, et al.
Jap J Clin Med 27:1179-201, Apr 69 (Jap)

BLOOD

[The effect of sterols and steroids on the body calcium fractions] Harnapp GO.
Z Aerztl Fortbild (Jena) 63:612-21, 1 Jun 69 (Ger)

CHEMICALLY INDUCED

Agents which affect excitation-contraction coupling in normal and dystrophic muscle. Brust M.
[Mechanical performances of striated muscle poisoned with 1-fluoro-2,4-dinitrobenzene] Dumoulin C, et al.
J Physiol (Paris) 60:Suppl 2:357, 1968 (Fre)

COMPLICATIONS

[Electroretino-encephalographic research on neurovegative reactivity in various diseases] Benetato A, et al.
Rev Roum Physiol 6:126-51, 1969 (Fre)
[The course of a pregnancy in pseudo-hypoparathyroidism] Galązka A, et al.
Przegl Lek 25:602-3, 1969 (Pol)

DIAGNOSIS

The diagnostic possibilities of the EMG in tetany. Lorenzoni E.
Electroenceph Clin Neurophysiol 27:212-3, Aug 69

ETIOLOGY

Lactational tetany in the cat. Edney AT.
J Small Anim Pract 10:231-6, Apr 69
An evaluation of tetany produced by electric shock. Tursky B, et al. Psychophysiology 6:31-7, Jul 69
[Diagnostic problems of cerebro-organic seizures] Aisen V. Med Klin 64:1460-5, 15 Aug 69 (Ger)
[Traumatic fistula of the thoracic duct, complicated by compression chylothorax and tetany] Puzhaflo VI, et al. Klin Khir (Kiev) 2:81-3, Feb 67 (Rus)

METABOLISM

[Influence of anaerobiosis and tetany on oxidation-reduction state of nicotinamide adenine dinucleotides in frog sartorius] Godfraind-de Becker A. Arch Int Physiol 77:360-2, May 69 (Fre)
[Thermogenesis and post-contractile fluorescence variations of amphibian striated muscle] Godfraind-de Becker A.
J Physiol (Paris) 60:Suppl 2:362-3, 1968 (Fre)
[Secondary hypoparathyroidism (clinical and metabolic studies on 1344 cases of thyroidectomy)] Molinatti GM, et al.
Folia Endocr (Roma) 21:447-58, Aug 68 (Ita)

PHYSIOPATHOLOGY

[Mechanical performances of striated muscle poisoned with 1-fluoro-2,4-dinitrobenzene] Dumoulin C, et al.
J Physiol (Paris) 60:Suppl 2:357, 1968 (Fre)

PREVENTION & CONTROL

Adult-onset vitamin-D-resistant hypophosphatemic osteomalacia. Effect of total parathyroidectomy. Riggs BL, et al. New Eng J Med 281:762-6, 2 Oct 69

VETERINARY

Lactational tetany in the cat. Edney AT.
J Small Anim Pract 10:231-6, Apr 69

THYROCALCITONIN

Polypeptide hormones. Behrens OK, et al.
Ann Rev Biochem 38:83-112, 1969 (231 ref.)
Pyrophosphate enhancement of hypocalcemic effect of thyrocalcitonin in rat. Orimo H, et al.
Endocr Jap 16:309-13, Jun 69
Practically applicable results of twenty years of research in endocrinology. Tausk M.
Fortschr Arzneimitteiforsch 12:137-64, 1968 (130 ref.)
[Role of hormones in magnesium metabolism] Biahos J.
Sem Hop Paris 45:1895-900, 8 Jun 69 (71 ref.) (Fre)
[Hormones regulating the calcium-phosphorus equilibrium: parathormon and thyrocalcitonin] Langer-Gawin D.
Wiad Lek 22:1201-5, 1 Jul 69 (20 ref.) (Pol)
[Physico-chemical characteristics of biologically active complexes of thyrocalcitonin] Stekol'nikov LI, et al.
Biokhimiia 34:115-8, Jan-Feb 69 (Rus)
[Thyrocalcitonin--a hypocalcemic hormone of te thyrod gland (review of the literature)] Orlov AF.
Probl Endokr (Moskva) 15:109-17, Jan-Feb 69 (76 ref.) (Rus)
[Physico-chemical and biological peculiarities of thyrocalcitonin complexes with high molecular
Vop Med Khim 15:276-9, May-Jun 69 (Rus)

ADMINISTRATION & DOSAGE

[Human calcitonin. Preliminary results of application in man] Dambacher MA, et al.
German Med Monthly 14:356-8, Jul 69 (Mul)

ANALYSIS

Polypeptide hormones. Behrens OK, et al.
Ann Rev Biochem 38:83-112, 1969 (231 ref.)
Amino acid composition of salmon calcitonin. O'Dor RK, et al. Canad J Biochem 47:823-5, Aug 69
[Advances and problems in the determination of parathyroid hormone and thyrocalcitonin] Orimo H.
Clin Endocr (Tokyo) 17:325-41, Apr 69 (70 ref.) (Jap)

BLOOD

Hypocalcemic activity of serum in patients with medullary carcinoma of the thyroid. Stephens CL, et al. Amer J Clin Path 52:170-2, Aug 69
Polypeptide hormones and calcium metabolism. Aurbach GD, et al.
Ann Intern Med 70:1243-65, Jun 69 (60 ref.)
[Thyrocalcitonin--a hypocalcemic hormone of te thyrod gland (review of the literature)] Orlov AF.
Probl Endokr (Moskva) 15:109-17, Jan-Feb 69 (76 ref.) (Rus)

CHEMICAL SYNTHESIS

Polypeptide hormones and calcium metabolism. Aurbach GD, et al.
Ann Intern Med 70:1243-65, Jun 69 (60 ref.)
[Thyrocalcitonin. V. Synthesis and characteristics of protected intermediate alpha-thyrocalcitonin-(1-9)-nonapeptide] Kamber B, et al. Helv Chim Acta 52:1074-81, 1969 (Ger)

[Thyrocalcitonin. IV. The total synthesis of alpha-thyrocalcitonin] Riniker B, et al.
Helv Chim Acta 52:1058-73, 1969 (Ger)

ISOLATION & PURIFICATION

Polypeptide hormones and calcium metabolism. Aurbach GD, et al.
Ann Intern Med 70:1243-65, Jun 69 (60 ref.)
Polypeptide hormones. Behrens OK, et al.
Ann Rev Biochem 38:83-112, 1969 (231 ref.)
Amino acid composition of salmon calcitonin. O'Dor RK, et al. **Canad J Biochem** 47:823-5, Aug 69
[Extraction and purification of swine thyrocalcitonin] Bulatov AA.
Probl Endokr (Moskva) 15:85-9, May-Jun 69 (Rus)
[Thyrocalcitonin--a hypocalcemic hormone of te thyrod gland (review of the literature)] Orlov AF.
Probl Endokr (Moskva) 15:109-17, Jan-Feb 69 (76 ref.) (Rus)

METABOLISM

Fine structure of the thyroid parafollicular cells in CaCl2-treated mice. Nanba H, et al.
Arch Histol Jap 30:283-93, Apr 69
[Nipiopharmacology of thyroid hormones, thyreotrope hormone, hormones of the neuro-hypophisis and serotonin] Cao A.
Minerva Nipiol 17:238-94, Nov-Dec 67 (999 ref.) (Ita)

PHARMACODYNAMICS

Amino acid composition of salmon calcitonin. O'Dor RK, et al. **Canad J Biochem** 47:823-5, Aug 69
Pyrophosphate enhancement of hypocalcemic effect of thyrocalcitonin in rat. Orimo H, et al.
Endocr Jap 16:309-13, Jun 69
Plasma phosphate and the hypocalcemic response of intact, parathyroidectomized and nephrectomized rats to thyrocalcitonin. Kennedy JW 3d, et al.
Endocrinology 85:657-61, Oct 69
Bioassay of parathyroid hormone in vitro with a stable preparation of adenyl cyclase from rat kidney. Marcus R, et al. **Endocrinology** 85:801-10, Nov 69
Effect of calcitonin on glycosaminoglycan synthesis by embryo calf bone cells in vitro. Martin TJ, et al.
Experientia 25:375-6, 15 Apr 69
The effect of thyrocalcitonin and parathyroid hormone on bone metabolism in tissue culture. The effect on collagen breakdown in relation to bone demineralization. Heersche JN.
Proc Kon Nederl Akad Wet [Biol Med] 72:286-98, 1969
[Relationship between parathyroid hormone, calcitonin, thyroxine and bone metabolism] Blahoš J, et al. **Cas Lek Cesk** 108:1118-21, Sep 69 (Cze)
[Regulation of calcemia] Courvoisier B.
Praxis 58:757-8, 1969 (Fre)
[Hypoparathyroidism in childhood] Fanconi A.
Ergebn Inn Med Kinderheilk 28:54-119, 1969 (306 ref.) (Ger)
[Calcemia in normal adult toads treated with parathormone and calcitonine following removal of the prepericardiac body. Preliminary results] Guardabassi A, et al. **Ric Sci** 38:742-4, Jul-Aug 68 (Ita)
[Physico-chemical and biological peculiarities of weight compounds] Stekol'nikov LI, et al.
Vop Med Khim 15:276-9, May-Jun 69 (Rus)

PHYSIOLOGY

Polypeptide hormones and calcium metabolism. Aurbach GD, et al.
Ann Intern Med 70:1243-65, Jun 69 (60 ref.)
Polypeptide hormones. Behrens OK, et al.
Ann Rev Biochem 38:83-112, 1969 (231 ref.)
Plasma phosphate and the hypocalcemic response of intact, parathyroidectomized and nephrectomized rats to thyrocalcitonin. Kennedy JW 3d, et al.
Endocrinology 85:657-61, Oct 69
Interrelationships between thyrocalcitonin, parathyroid hormone and vitamin D: control of serum calcium in hypervitaminosis D. Melancon MJ Jr, et al.
Endocrinology 85:704-10, Oct 69
Thyrocalcitonin: evidence for physiological function. Gray TKMUNSON PL. **Science** 166:512-3, 24 Oct 69
[The role of bone tissue in calcium homeostasis] Rasmussen P.
Norske Tannlaegeforen Tid 78:713-25, Dec 68 (Nor)

SECRETION

The treatment of osteoporosis with calcium infusions. Evaluation of bone biopsies. Jowsey J, et al.
Amer J Med 47:17-22, Jul 69
Metabolic interrelations of calcium, magnesium, and phosphate. Clark I. **Amer J Physiol** 217:871-8, Sep 69
Peptide-secreting tumours with special reference to the pancreas. Sircus W. **Gut** 10:506-15, Jul 69 (66 ref.)
Some morphological observations of the ultimobranchial gland in the rainbow trout, Salmo gairdneri. Robertson DR. **J Anat** 105:115-27, Jul 69
[On a typical case of thyroid medullary carcinoma with demonstrated calcitonin hypersecretion] Gilbert-Dreyfus, et al.
Rev Franc Endocr Clin 10:205-19, May-Jun 69 (Fre)
[Findings on induced hypercalcemia in hypothyroid patients] Iafusco F, et al.
Pediatria (Napoli) 75:874-81, 31 Dec 67 (Ita)
[Disturbances of thyrocalcitonin secretion in clinical practice] Araszkiewicz Z.
[Thyrocalcitonin--a hypocalcemic hormone of te thyrod gland (review of the literature)] Orlov AF.
Probl Endokr (Moskva) 15:109-17, Jan-Feb 69 (76 ref.) (Rus)

THERAPEUTIC USE

Some recent advances in endocrine surgery. Egdahl RH. **Amer J Surg** 118:363-7, Sep 69 (33 ref.)
The treatment of Paget's disease of bone. Hobson's choice? **JAMA** 209:1354-7, 1 Sep 69
[Effect of swine thyrocalcitonin on human osteoporosis] Milhaud G, et al.
C R Acad Sci [D] (Paris) 268:3100-2, 23 Jun 69 (Fre)

VITAMIN A

[Separaton and determination of vitamin D in the presence of vitamin A esters] Mariani A, et al.
Ann Ist Sup Sanit 4:90-100, 1968 (Ita)
[Nutrition and diet in dental health--especially, in relation to dental caries] Iizuka Y.
J Jap Dent Ass 22:123-33, May 69 (56 ref.) (Jap)

ADVERSE EFFECTS

Infantile cortical hyperostosis (Caffey's syndrome). A report of four cases from general practice. Rogers SC, et al. **Practitioner** 202:81-4, Jul 69

ANALYSIS

[Determination of vitamin D in the presence of vitamin A. Utilization of the reaction of vitamin A dyshydratation for the chromatographic separation of the 2 vitamins] Mariani A, et al.
Ann Ist Sup Sanit 3:193-203, 1967 (Ita)

BLOOD

[The manner of transport of the fat-soluble vitamins] Le Gall JY.

METABOLISM

[The manner of transport of the fat-soluble vitamins] **Ann Nutr (Paris)** 23:A27-38, 1969 (52 ref.) (Fre)
[Nipiopharmacology of vitamins] Scano V, et al.
Minerva Nipiol 17:325-63, Nov-Dec 67 (626 ref.) (Ita)
[Some problems of preventing disorder of the vitamin A nutrition of cows] Khakimov LK.
Veterinariia 44:79-81, Sep 67 (Rus)

PHARMACODYNAMICS

The effect of environment on skeletal tissue in culture. Fell HB.
Embryologia (Nagoya) 10:181-205, Feb 69 (27 ref.)
[Nipiopharmacology of vitamins] Scano V, et al.
Minerva Nipiol 17:325-63, Nov-Dec 67 (626 ref.) (Ita)

TOXICITY

Variations in teratogenic response to hypervitaminosis A in three strains of the albino rat. Nolen GA. Food Cosmet Toxic 7:209-14, May 69

VITAMIN D

Studies on the effect of vitamin D on calcium absorption and transport. Hashim G, et al. Biochem J 112:275-83, Apr 69

Isolation and identification of phospholipids of bovine rhodopsin. Adams RG. J Lipid Res 10:473-8, Sep 69

[Nephrocalcinosis, primary hyperoxaluria, hypervitaminosis D. Relation of 2 cases] Socquet Y, et al. Acta Urol Belg 35:545-72, Oct 67 (Fre)

[Nutrition and diet in dental health--especially, in relation to dental caries] Iizuka Y. J Jap Dent Ass 22:123-33, May 69 (56 ref.) (Jap)

ADMINISTRATION & DOSAGE

Studies on the effect of vitamin D on calcium absorption and transport. Hashim G, et al. Biochem J 112:275-83, Apr 69

[Albers-Schönberg osteopetrosis. 2 cases with study of digestive absorption of Ca47] Rosenberg D, et al. Ann Pediat (Paris) 16:237-47, 2 Apr 69 (Fre)

[Phosphocalcic, multiple and non-recurrent urinary lithiasis in the newborn infant, with psychomotor retardation and hip abnormalities] Royer P, et al. Arch Franc Pediat 26:605-20, Jun-Jul 69 (Fre)

[Effect of oral and intramuscular massive vitamin D doses on serum calcium in premature infants] Wagner E, et al. Wien Med Wschr 119:415-8, 31 May 69 (Ger)

ADVERSE EFFECTS

Growth in familial hypophosphatemic vitamin-D-resistant rickets. McNair SL, et al. New Eng J Med 281:512-6, 4 Sep 69

Infantile cortical hyperostosis (Caffey's syndrome). A report of four cases from general practice. Rogers SC, et al. Practitioner 202:81-4, Jul 69

[Phosphocalcic, multiple and non-recurrent urinary lithiasis in the newborn infant, with psychomotor retardation and hip abnormalities] Royer P, et al. Arch Franc Pediat 26:605-20, Jun-Jul 69 (Fre)

[Idiopathic hypercalcemia. Review and presentation of a case] Vieira Filho JP. Rev Ass Med Brasil 13:355-60, Oct 67 (Por)

ANALYSIS

The occurrence of ergosterol in the fungus Ceratocystis fagacearum. Collins RP, et al. Mycologia 61:645-6, May-Jun 69

25-hydroxycholecalciferol, the active form of vitamin D--Wisconsin scores again. Raisz LG. New Eng J Med 281:616-7, 11 Sep 69

Rickets in the welfare state. Arthur AB, et al. New Zeal Med J 70:29-31, Jul 69

[Separaton and determination of vitamin D in the presence of vitamin A esters] Mariani A, et al. Ann Ist Sup Sanit 4:90-100, 1968 (Ita)

ANTAGONISTS & INHIBITORS

[The effect of sterols and steroids on the body calcium fractions] Harnapp GO. Z Aerztl Fortbild (Jena) 63:612-21, 1 Jun 69 (Ger)

BIOSYNTHESIS

[An effect of ethanol upon sterine biosynthesis by yeasts] Gal'tsova RD, et al. Mikrobiologiia 37:672-5, Jul-Aug 68 (Rus)

BLOOD

[The manner of transport of the fat-soluble vitamins] Le Gall JY. Ann Nutr (Paris) 23:A27-38, 1969 (52 ref.) (Fre)

CHEMICAL SYNTHESIS

Recent advances in the metabolism and function of vitamin D. DeLuca HF. Fed Proc 28:1678-89, Sep-Oct 69

DIAGNOSTIC USE

[Osteoporosis] Kaplan G. Presse Med 77:1345-8, 24 Sep 69 (Fre)

ISOLATION & PURIFICATION

[Separaton and determination of vitamin D in the presence of vitamin A esters] Mariani A, et al. Ann Ist Sup Sanit 4:90-100, 1968 (Ita)

METABOLISM

In vitro production of 25-hydroxycholecalciferol. Horsting M, et al. Biochem Biophys Res Commun 36:251-6, 23 Jul 69

The effect of cultural conditons on the ergosterol ester components of yeast. Madyastha PB, et al. Biochim Biophys Acta 176:858-62, 10 Jun 69

Recent advances in the metabolism and function of vitamin D. DeLuca HF. Fed Proc 28:1678-89, Sep-Oct 69

Muscular weakness in osteomalacia and hyperparathyroidism. Smith R, et al. J Neurol Sci 8:511-20, May-Jun 69

25-hydroxycholecalciferol, the active form of vitamin D--Wisconsin scores again. Raisz LG. New Eng J Med 281:616-7, 11 Sep 69

Vitamin D dependent calcium-binding protein. Current concepts. Wright LD. New York J Med 69:1421-4, 1 Jun 69

[The manner of transport of the fat-soluble vitamins] Le Gall JY. Ann Nutr (Paris) 23:A27-38, 1969 (52 ref.) (Fre)

[Microbiological isomerization of ergosterol peroxide] Petzoldt K, et al. Liebig Ann Chem 724:194-8, 1969 (Ger)

[Nipiopharmacology of vitamins] Scano V, et al. Minerva Nipiol 17:325-63, Nov-Dec 67 (626 ref.) (Ita)

PHARMACODYNAMICS

Fine structure of the thyroid parafollicular cells in normal, vitamin D and CaCl2-treated, and CaCl2-treated mice. Nanba H, et al. Arch Histol Jap 30:283-93, Apr 69

Studies on the effect of vitamin D on calcium absorption and transport. Hashim G, et al. Biochem J 112:275-83, Apr 69

A study on the effect of vitamin D in rats maintained on diets with different calcium and phosphorus content but with the same high ratio of calcium to phosphorus. Harrand RB, et al. Brit J Nutr 23:523-31, Aug 69

The treatment of uraemic osteopathy. Schaefer K, et al. German Med Monthly 14:238-40, May 69

Comparison of three isotopic methods for the study of calcium absorption. Agnew JE, et al. Gut 10:590-7, Jul 69

Vitamin D dependent calcium-binding protein. Current concepts. Wright LD. New York J Med 69:1421-4, 1 Jun 69

[Regulation of calcemia] Courvoisier B. Praxis 58:757-8, 1969 (Fre)

[The effect of sterols and steroids on the body calcium fractions] Harnapp GO. Z Aerztl Fortbild (Jena) 63:612-21, 1 Jun 69 (Ger)

[Nipiopharmacology of vitamins] Scano V, et al. Minerva Nipiol 17:325-63, Nov-Dec 67 (626 ref.) (Ita)

[Study on metabolism of Ca during pregnancy with special reference to interrelations between mother and child] Honda H. J Jap Obstet Gynec Soc 21:281-90, Mar 69 (Jap)

Rasmussen P. Norske Tanniaegeforen Tid 78:713-25, Dec 68 (Nor)

PHYSIOLOGY

Recent advances in the metabolism and function of vitamin D. DeLuca HF. Fed Proc 28:1678-89, Sep-Oct 69

[Calcium: its metabolism, its excess in the organism] Aillet J. Anesth Analg (Paris) 26:363-75, May-Jun 69 (Fre)

[Role of hormones in magnesium metabolism] Biahos J. Sem Hop Paris 45:1895-900, 8 Jun 69 (71 ref.) (Fre)

[The incidence and function of oxyphilous Welsh cells in parathyroid glands] Rother P. Z Mikr Anat Forsch 79:533-56, 1968 (Ger)

POISONING

Metastatic calcification of soft tissue on overdosage of vitamin D. Irneli L. Acta Med Scand 185:147-52, Mar 69

[Vitamin D intoxication with radiologically visible nephrocalcinosis] Pereda JM, et al.
Rev Clin Esp 110:61-4, 15 Jul 68 (Spa)

THERAPEUTIC USE

Invited discussion. Bricker NS, et al.
Arch Intern Med (Chicago) 124:292-301, Sep 69

The problem and unanswered questions. Renal osteodystrophy, soft tissue calcification, and distrubed divalent ion metabolism in chronic renal failure. Kleeman CR, et al.
Arch Intern Med (Chicago) 124:262-8, Sep 69

Parathyroid disease in long-term maintenance hemodialysis. Pendras JP.
Arch Intern Med (Chicago) 124:312-21, Sep 69

Osteodystrophy developing spontaneously in the course of chronic renal failure. Stanbury SW, et al.
Arch Intern Med (Chicago) 124:274-81, Sep 69

The treatment of uraemic osteopathy. Schaefer K, et al.
German Med Monthly 14:238-40, May 69

Laboratory findings in a child with pseudo-vitamin D deficiency rickets. Matsuda I, et al.
Helv Paediat Acta 24:329-36, Jun 69

The effect of hemodialysis, vitamin D, and renal homotransplantation on the calcium malabsorption of chronic renal failure. Messner RP, et al.
J Lab Clin Med 74:472-81, Sep 69

Muscular weakness in osteomalacia and hyperparathyroidism. Smith R, et al.
J Neurol Sci 8:511-20, May-Jun 69

Fluoridated water, hemodialysis, and renal disease.
Med Lett Drugs Ther 11:67-8, 8 Aug 69

Growth in familial hypophosphatemic vitamin-D-resistant rickets. McNair SL, et al.
New Eng J Med 281:512-6, 4 Sep 69

Adult-onset vitamin-D-resistant hypophosphatemic osteomalacia. Effect of total parathyroidectomy. Riggs BL, et al. New Eng J Med 281:762-6, 2 Oct 69

Rickets in the welfare state. Arthur AB, et al.
New Zeal Med J 70:29-31, Jul 69

Congenital hypoparathyroidism simulating epilepsy, with other symptoms and dental signs of intra-uterine hypocalcemia. Moshkowitz A, et al.
Pediatrics 44:401-9, Sep 69

Osteomalacia. Connolly CK, et al.
Proc Roy Soc Med 62:735-6, 7 Jul 69

[Transitory hyperparathyroidism in child of a hypoparathyroid mother] Schlack HG.
Arch Kinderheilk 179:72-7, May 69 (Ger)

[Treatment of osteoporosis with sodium fluoride. Morphological bone findings in 8 clinical cases] Kuhlencordt F, et al.
Deutsch Med Wschr 94:1730-4, 29 Aug 69 (Ger)

[Hypoparathyroidism in childhood] Fanconi A.
Ergebn Inn Med Kinderheilk 28:54-119, 1969 (306 ref.) (Ger)

[Therapy of occasional convulsions in children and adolescents] Matthes A.
Munchen Med Wschr 111:1803-6, 5 Sep 69 (Ger)

[Treatment of hypoparathyroidism] Fujita T, et al.
Jap J Clin Med 27:1477-82, May 69 (Jap)

[The state of magnesium metabolism in various models of experimental rickets] Vagalova LB.
Biull Eksp Biol Med 67:52-4, Mar 69 (Rus)

TOXICITY

Metastatic calcification of soft tissue on overdosage of vitamin D. Irneli L. Acta Med Scand 185:147-52, Mar 69

VITAMIN D DEFICIENCY

BLOOD

[Sensitivity of plasma citric acid in deficiency rickets] Cresto JC, et al.
Arch Argent Pediat 66:136-43, Apr-Jun 68 (Spa)

COMPLICATIONS

Bone structure in osteomalacia, with special reference to ultrastructure. Bonucci E, et al.
J Bone Joint Surg [Brit] 51:511-28, Aug 69

[Osteomalacia] Chapuy P, et al.
Rev Lyon Med 16:509-27, Jul-Aug 67 (Fre)

[Disorders of calcium and phosphate metabolism in Turner's syndrome complicated with rickets] Maciejewski J, et al.
Pol Tyg Lek 24:1010-1, 30 Jun 69 (Pol)

METABOLISM

Calcium-binding protein and calcium absorption after vitamin D administration. Harmeyer J, et al.
Arch Biochem 133:247-54, Sep 69

Studies on the effect of vitamin D on calcium absorption and transport. Hashim G, et al.
Biochem J 112:275-83, Apr 69

Recent advances in the metabolism and function of vitamin D. DeLuca HF. Fed Proc 28:1678-89, Sep-Oct 69

I. Physical and Functional Aspects

AMYGDALOID BODY

Structural changes in scrapieaffected brain. Field EJ, et al. **Biochem J** 114:19P-20P, Sep 69

Effects of hypothalamic and amygdaloid lesions on development and growth of carcinogen-induced mammary tumors in the female rat. Welsch CW, et al. **Cancer Res** 29:1541-9, Aug 69

Neurosurgery in the control of unmanageable affective reactions: a critical review. Turnbull F. **Clin Neurosurg** 16:218-33, 1969

[New model of an amygdaloid epileptic focus of rapid development and lasting focalization] Thomalske G, et al. **Neurochirurgia (Stuttgart)** 12:115-22, Jul 69 **(Fre)**

DRUG EFFECTS

Possible role of amygdala in regulation of gastric secretion in chronic fistula rats. Lee YH, et al. **Amer J Physiol** 217:505-10, Aug 69

[On the anticonvulsant properties of oxazepam. Experimental study on the cat. Bertolini M, et al. **Arzneimittelforschung** 19:742-8, May 69

A new benzodiazepine: electroencephalographic studies of its anticonvulsant activity in non-anesthetized, non-curarized rabbits. Mille T, et al. **Arzneimittelforschung** 19:730-5, May 69

Effects of cations and hyaluronidase on cerebral electrical impedance. Wang HH, et al. **Exp Neurol** 25:70-84, Sep 69

[On the antiepileptic mechanism of action of 5-carbamyl-5H-dibenzo(b,f)azepine. Neurophysiologic studies on cats] Dolce G. **Arzneimittelforschung** 19:1257-63, Aug 69 **(Ger)**

[Animal experimental studies of pain and its pharmacological modification] Hoffmeister F. **Arzneimittelforschung** Suppl 16:1-116, 1968 **(Ger)**

[Neuropharmacologic study on the effect of nitrazepam on the central nervous system] Yamamoto K, et al. **Brain Nerve (Tokyo)** 21:488-502, May 69 **(Jap)**

EMBRYOLOGY

The development of the human amygdala during early embryonic life. Humphrey T. **J Comp Neurol** 132:135-65, Jan 68

ENZYMOLOGY

Distribution of cholinesterase in the basal rhinencephalic structures of the Senegal bush baby (Galago senegalensis senegalensis). Girgis M. **Acta Anat (Basel)** 72:94-100, 1969

The chemoarchitectonics in the chiropteran brain. Masai H, et al. **J Hirnforsch** 10:271-8, 1968

[Influence of a deficient diet on the enzymatic activity of the central nervous system] Legrand J. **J Physiol (Paris)** 60:Suppl 2:485, 1968 **(Fre)**

GROWTH & DEVELOPMENT

[Biometric analysis of the amygdaloid body volume in an ontogenic series of albino mice] Kretschmann HJ, et al. **Brain Res** 12:200-22, Jan 69 **(Ger)**

METABOLISM

[Relation between intake and urinary elimination of sodium chloride in rats with nuclear amygdalase lesions] Saad WA. **Rev Fac Farm Odont Araraquara** 2:7-11, Jan-Jun 68 **(Por)**

PATHOLOGY

Encephalitis with myoclonus in Whipple's disease. Stoupel N, et al. **J Neurol Neurosurg Psychiat** 32:338-43, Aug 69

PHYSIOLOGY

Electrical activities of the brain and behaviour. Leeuwen WS van. **Acta Physiol Pharmacol Neerl** 15:179-87, Jun 69

Possible role of amygdala in regulation of gastric secretion in chronic fistula rats. Lee YH, et al. **Amer J Physiol** 217:505-10, Aug 69

"Aggression" -- biophysiological aspects. Kermani EJ. **Dis Nerv Syst** 30:407-14, Jun 69 (84 ref.)

Sleep of unrestrained chimpanzee: cortical and subcortical recordings. Freemon FR, et al. **Exp Neurol** 25:129-37, Sep 69

Effects of cations and hyaluronidase on cerebral electrical impedance. Wang HH, et al. **Exp Neurol** 25:70-84, Sep 69

Limbic lesions and error reduction. Douglas RJ, et al. **J Comp Physiol Psychol** 68:437-41, Jul 69

Brain stem influence upon limbic and prefrontal discharge activity. Koshino K, et al. **Jap J Physiol** 19:187-97, 15 Apr 69

Central nervous system: recovery of function. Stein DG, et al. **Science** 166:528-30, 24 Oct 69

[Central analgesics and pain mechanisms] Viars P. **Anesth Analg (Paris)** 26:231-48, Mar-Apr 69 **(Fre)**

[Factor analysis of subcortical evoked potential thresholds] Holm E, et al. **Exp Brain Res** 8:79-96, 1969 **(Ger)**

[Motor and electrographic effects of the stimulation of nuclei of the amygdaliform complex] Vediaev FP. **Fiziol Zh SSSR Sechenov** 53:743-51, Jul 67 **(Rus)**

PHYSIOPATHOLOGY

Experimental evidence for the existence of an extrarhinencephalic control of the activity of the cobalt rhinencephalic epileptogenic focus. Part 1. The role played by the caudate nucleus. Mutani R. **Epilepsia (Amst)** 10:337-50, Sep 69

Experimental evidence for the existence of an extrarhinencephalic control of the activity of the cobalt rhinencephalic epileptogenic focus. Part 2. Effects of the paleocerebellar stimulation. Mutani R, et al. **Epilepsia (Amst)** 10:351-62, Sep 69

HYPOTHALAMO-HYPOPHYSEAL SYSTEM

Diagnosis of Cushing's syndrome. The differentiation between adrenocortical hyperplasia and adrenocrotical adenoma by means of lysine-vasopressin. Bethge H, et al. **Acta Endocr (Kobenhavn)** 60:47-59, Jan 69

Pituitary regulation by the hypothalamus: functions of the median eminence gland. Reichlin S. **Conn Med** 33:369-78, Jun 69

[Clinical, neurological and endocrinological studies of hypothalamo-hypophyseal diseases] Tsuji S, et al. **Saishin Igaku** 24:1034-8, May 69 **(Jap)**

[Diagnosis and therapeutic results in selected cases of hormonal disorders of the hypothalamus] Klimek R, et al. **Folia Med Cracov** 11:3-12, 1969 **(Pol)**

[Morphologic expression of the process of autolysis of structural elements in the hypothalamo-hypophyseal neurosecretory system] Antipov BV, et al. **Arkh Pat** 30:66-71, 1968 **(Rus)**

ANATOMY & HISTOLOGY

Hypothalamo-hypophyseal system in the minnow, Phoxinus phoxinus L. with a note on the effects of hypophysectomy. Bhargava HN. **J Comp Neurol** 137:89-105, Sep 69

An in situ study of the preoptico-neurohypophysial complex of the freshwater teleost Clarias batrachus (L.). Sathyanesan AG. **Z Zellforsch** 98:202-16, 1969

[Research on the origin and sites of termination of monoaminergic fibers of the

hypothalamo-hypophyseal system] Barry J.
C R Soc Biol (Paris) 162:1946-8, May 69 (Fre)
[Modification of hypothalomo-hypophyseal neurosecretion in confined animals] Roudier R, et al.
C R Soc Biol (Paris) 162:2073-6, 1968 (Fre)

BLOOD SUPPLY

Anterior and posterior groups of portal vessels in the avian pituitary. Dominic CJ, et al.
Gen Comp Endocr 13:22-6, Aug 69

CYTOLOGY

An electron microscopic study of the human infundibulum. Bergland RM, et al.
Z Zellforsch 99:1-12, 1969
[Microstructure of the median eminence, with special reference to its relation to ACTH] Sano Y, et al.
Jap J Clin Med 27:1326-32, May 69 (42 ref.) (Jap)

DRUG EFFECTS

Inhibitory effect of diphenylhydantoin on the feedback control of corticotrophin release. Asfeldt VH, et al.
Acta Endocr (Kobenhavn) 61:551-60, Jul 69
Plasma 17-hydroxycorticosteroids response to pyrogen: a contribution to the standardization of the pyrogen test. Yamazaki K, et al.
Endocr Jap 16:391-7, Jun 69
Failure of neonatally administered reserpine to affect the hypothalamic catecholamines in the adult rat. Björklund A, et al. Endocrinology 85:788-90, Oct 69
Stimulation of LH release in men and women by LH-releasing hormone purified from porcine hypothalami. Kastin AJ, et al.
J Clin Endocr 29:1046-50, Aug 69
Physiologic and endocrinologic effects of the insecticide kepone in the Japanese quail. McFarland LZ, et al. Toxic Appl Pharmacol 15:441-50, Sep 69
[Hormonal contraception] Kohoutek M, et al.
Sborn Ved Prac Lek Fak Karlov Univ 11:691-5, 1968 (Ger)
[Oral contraceptives] Adachi H, et al.
Sanfujin Jissai 18:320-6, Apr 69 (Jap)
[On the reaction of the hypothalamo-hypophyseal neurosecretory system (HHNS) of dogs with experimental arteriosclerosis to the administration of adrenaline] Bogdanovich NK, et al.
Arkh Pat 30:8-14, 1968 (Rus)
[Change of the function of the hypothalamo-hypophyseo-ovarian system in rats with constant estrus] Propp MV, et al.
Probl Endokr (Moskva) 13:106-11, May-Jun 67 (Rus)

EMBRYOLOGY

Development of the neurosecretory hypothalamic-hypophyseal system of the chick embryo as evidenced in the total preparation. Lawzewitsch I von. Acta Anat (Basel) 72:83-93, 1969
[Secretion of luteinizing gonadotropin and its regulation at the early human ontogenesis] Levina SE.
Probl Endokr (Moskva) 14:56-60, Nov-Dec 68 (Rus)

GROWTH & DEVELOPMENT

Hypothalamo-hypophyseal system in the minnow, Phoxinus phoxinus L. with a note on the effects of hypophysectomy. Bhargava HN.
J Comp Neurol 137:89-105, Sep 69
[Animal experimental studies on the influence of hunger on the development of the neurosecretory hypothalamo-neurohypophyseal system] Rodeck H.
J Neurovisc Relat 31:136-60, 1969 (Ger)

IMMUNOLOGY

[The matrix-genetic theory of immunogenesis and the neuro-humoral regulation of antibody formation] Zdorodovskiĭ PF.
Zh Mikrobiol 44:3-14, Jul 67 (74 ref.) (Rus)

METABOLISM

Failure of neonatally administered reserpine to affect the hypothalamic catecholamines in the adult rat. Björklund A, et al. Endocrinology 85:788-90, Oct 69

PATHOLOGY

The course of radiation disease in hyper-and hypothyreotic rats. Slebodziński A, et al.
Folia Biol (Krakow) 17:145-58, 1969
Effects of cholera on the human hypothalamus and hypophysis. II. Choudhury RP.
J Trop Med Hyg 72:185-92, Aug 69

PHYSIOLOGY

A quantitative study of spermatogenesis in rats bearing hypothalamic lesions of mammillary and supra-chiasmatic nuclei. Rüedi BA.
Acta Endocr (Kobenhavn) 60:276-80, Feb 69
Effect of oestradiol benzoate on corpora lutea in rats bearing pituitary autografts. Stolzenberg SJ, et al.
Acta Endocr (Kobenhavn) 60:184-98, Feb 69
The regulation of ACTH secretion. Smelik PG.
Acta Physiol Pharmacol Neerl 15:123-35, Jun 69
Presence of hypothalamo-pituitary testicular axis in the early postnatal period. Yagimura T, et al.
Endocr Jap 16:5-10, Feb 69
Properties of the corticotrophin-releasing factor of the rat median eminence. Chan LT, et al.
Endocrinology 85:644-51, Oct 69
Evidence for a diurnal rhythm of corticotropin-releasing factor (CRF) in the hypothalamus. David-Nelson MA, et al.
Endocrinology 85:861-6, Nov 69
Effects of hypothalmic implants of GH on anterior pituitary weight and GH concentration. Katz SH, et al.
Endocrinology 85:725-34, Oct 69
Selective inhibition of superovulation by blockade of dopamine synthesis during the "critical period" in the immature rat. Kordon C, et al.
Endocrinology 85:924-31, Nov 69
Hypothalamic control of ACTH release from ectopic pituitary glands. Sirett NE, et al.
Endocrinology 85:784-8, Oct 69
Activity of the hypothalamo-neurohypophysial complex of the European eel (Anguilla anguilla L.) assessed by the use of an in situ staining technique and by autoradiography. Leatherland JF, et al.
Gen Comp Endocr 13:45-59, Aug 69
Evidence for a doubly innervated secretory unit in the anuran pars intermedia. I. Electrophysiologic studies. Oshima K, et al. Gen Comp Endocr 13:98-107, Aug 69
Once-a-day neurally stimulated and basal ACTH secretion phases in man and their response to corticoid inhibition. Ceresa F, et al.
J Clin Endocr 29:1074-82, Aug 69
Arginine induced growth hormone release after clomiphene treatment. Fiedler AJ, et al.
J Clin Endocr 29:1110-3, Aug 69
Radioimmunoassayable serum LH and FSH in girls with sexual precocity, premature thelarche and adrenarche. Kenny FM, et al.
J Clin Endocr 29:1272-5, Sep 69
Serum insulin and growth hormone responses to arginine infusion before and during treatment with contraceptive steroids. Vela P, et al.
J Clin Endocr 29:1212-6, Sep 69
Hypothalamo-hypophyseal system in the minnow, Phoxinus phoxinus L. with a note on the effects of hypophysectomy. Bhargava HN.
J Comp Neurol 137:89-105, Sep 69
Antidromic activation of neurones in the paraventricular nucleus by stimulation in the neural lobe of the pituitary. Cross BA, et al.
J Physiol (London) 203:68P-70P, Jul 69
On the mechanism of sexual differentiation of the rat hypothalamus. Flerkó B, et al.
Rass Neurol Veg 21:85-98, 30 Apr 67
"In vitro" studies of circadian rhythms in hypothalamic-pituitary-adrenal systems. Ungar F.
Rass Neurol Veg 21:57-70, 30 Apr 67
An electron microscopic study of the human infundibulum. Bergland RM, et al.
Z Zellforsch 99:1-12, 1969
Hypothalamic control of the pars intermedia in Xenopus laevis tadpoles. Goos HJ.
Z Zellforsch 97:118-24, 1969
[Role of the hypothalamus on the rat adrenal response of the rat fetus to formol agression] Cohen A, et al.
C R Soc Biol (Paris) 162:2070-3, 1968 (Fre)
[Modification of hypothalomo-hypophyseal neurosecretion in confined animals] Roudier R, et al.
C R Soc Biol (Paris) 162:2073-6, 1968 (Fre)

[Hypothalamo-gastric relationships] Martin MS, et al. Path Biol (Paris) 16:1099-113, Dec 68 (98 ref.) (Fre)

[The hypophysis and gravido-puerperalism] Delecour M, et al. Rev Franc Gynec Obstet 62:233-41, Apr-May 67 (Fre)

[Role of the hypothalamo-hypophyseal region in milk secretion] Delecour M, et al. Rev Franc Gynec Obstet 62:227-32, Apr-May 67 (Fre)

[Endocrinologic research] Bettendorf G. Arch Gynaek 207:383-9, 1969 (Ger)

[The central stimuli for follicular ripening and ovulation] Buchholz R. Arch Gynaek 207:107-23, 1969 (132 ref.) (Ger)

[Contribution to the knowledge of the correlations between the olfactory bulbs and the neuroendocrine system. II. Histomorphological changes of the hypothalamo-neurophyophysial system and of some endocrine glands of the rat exposed to removal of the olfactory bulbs in the prepuberal period] Tessitore V, et al. Boll Soc Ital Biol Sper 44:1804-7, 15 Nov 68 (Ita)

[The importance of the anterior part of the hypothalamus in the reaction of the luteinizing function of the adenohypophysis] Dmitrieva OK. Akush Ginek (Moskva) 45:44-8, May 69 (Rus)

[The blood-brain barrier problem in endocrinology] Kassil' GN. Probl Endokr (Moskva) 13:116-20, May-Jun 67 (18 ref.) (Rus)

[Change of the function of the hypothalamo-hypophyseo-ovarian system in rats with constant estrus] Propp MV, et al. Probl Endokr (Moskva) 13:106-11, May-Jun 67 (Rus)

[Early steroid regulation of sexual differentiation of the brain (review of the literature)] Vunder PA. Probl Endokr (Moskva) 15:114-20, May-Jun 69 (53 ref.) (Rus)

PHYSIOPATHOLOGY

Divergent responses of arteriosclerotic and non-arteriosclerotic rats to a catabolic dose of cortisone. Wexler BC, et al. Acta Endocr (Kobenhavn) 61:509-24, Jul 69

Radioimmunoassayable ACTH in dexamethasone nonsuppressible Cushing's syndrome. Rayyis SS, et al. J Clin Endocr 29:1231-7, Sep 69

Endocrines in cholera. Effects of cholera on the human hypothalamus-hypophysis-adrenal apparatus. Choudhury RP. J Trop Med Hyg 72:179-84, Aug 69

Amenorrhea following oral contraceptives. Halbert DR, et al. Obstet Gynec 34:161-7, Aug 69

[Hormone studies, treatment methodswith tranquilizers and norsteroids in juvenile metropathy] Tfh F, et al. Z Geburtsh Gynaek 170:302-7, 1969 (Ger)

[Experimental studies on the effect of low oxygen inhalation on adrenocortical secretion--by the retention cannula method for collecting lumbo-adrenal venous blood in the dog] Ota M. Folia Endocr Jap 45:284-309, 20 Jun 69 (Jap)

[On the reaction of the hypothalamo-hypophyseal neurosecretory system (HHNS) of dogs with experimental arteriosclerosis to the administration of adrenaline] Bogdanovich NK, et al. Arkh Pat 30:8-14, 1968 (Rus)

[Clinical picture and treatment of patients with diencephalo-hypophyseal nanism and subnanism] Kaiumov EG, et al. Probl Endokr (Moskva) 15:57-60, May-Jun 69 (Rus)

[The state of the organ of vision in children with hypophyseal nanism] Kizel'man ED, et al. Probl Endokr (Moskva) 15:60-3, May-Jun 69 (Rus)

[Functional state of adrenal cortex and deametasone depression of the hypothalamo-hypophyseo-adrenal cortex system n patentswth iabetes mellitus] Orkodashvili LSHORKDASHV. Probl Endokr (Moskva) 15:13-8, Jan-Feb 69 (Rus)

[Binding hydrocortisone with transcortin in diencephalic syndrome following the Itsenko-Cushing disease course] Rozen VB, et al. Probl Endokr (Moskva) 15:48-52, May-Jun 69 (Rus)

RADIATION EFFECTS

Sterility due to radioactive phosphorus in mice: a study of ovarian compensatory hypertrophy. Holmberg EA, et al. Acta Endocr (Kobenhavn) 62:133-46, Sep 69

SECRETION

[Microstructure of the median eminence, with special reference to its relation to ACTH] Sano Y, et al. Jap J Clin Med 27:1326-32, May 69 (42 ref.) (Jap)

[Feedback mechanism of ACTH secretion] Takebe K, et al. Jap J Clin Med 27:1379-89, May 69 (Jap)

SURGERY

Influence of pituitary stalk section on growth hormone, insulin and TSH secretion in women with metastatc breast cancer. Antony GJ, et al. J Clin Endocr 29:1238-50, Sep 69

HYPOTHALAMUS

Differential regulation of blood flow to red and white muscle in sleep and defense behavior. Reis DJ, et al. Amer J Physiol 217:541-6, Aug 69

Effects of hypothalamic and amygdaloid lesions on development and growth of carcinogen-induced mammary tumors in the female rat. Welsch CW, et al. Cancer Res 29:1541-9, Aug 69

The action of chlormadinone acetate (6-chloro-delta6-dehydro-17alpha-acetoxyprogesterone) upon experimentally induced ovulation in the rabbit. Harris GW, et al. J Physiol (London) 203:59-66, Jul 69

Pituitary-adrenal activation following intrahypothalamic microinjection of morphine. Lotti VJ, et al. Neuroendocrinology 4:326-32, 1969

Mammotropic effect of fluphenazine enanthate in the rat. Mishkinsky J, et al. Neuroendocrinology 4:321-5, 1969

Symposium. Intractable pain. Sano K, et al. Neurol Medicochir (Tokyo) 9:298-304, 1967

[Nauta's techniques applied to the study of wood mouse brain] Genton C, et al. J Physiol (Paris) 60:Suppl 2:449+, 1968 (Fre)

[Clinical aspects of hypothalamic diseases in childhood] Suzuki Y, et al. Advances Neurol Sci (Tokyo) 12:987-99, Dec 68 (Jap)

[Contribution to the knowledge of electroencephalographic changes in diseases of the subthalamic region] Popoviciu L, et al. Neurologia (Bucur) 14:131-5, Mar-Apr 69 (Rum)

[Changes in the optical density of mitochondria in the mucous membrane of the stomach and in the liver in neurogenic dystrophies] Zavodskaia IS, et al. Biull Eksp Biol Med 67:33-5, Feb 69 (Rus)

ANALYSIS

Sterility due to radioactive phosphorus in mice: a study of ovarian compensatory hypertrophy. Holmberg EA, et al. Acta Endocr (Kobenhavn) 62:133-46, Sep 69

The action of oestradiol benzoate on the activities of some polypeptidases in the hypothalamus of the pregnant rabbit after blastocyst implantation. Hooper KC, et al. Acta Endocr (Kobenhavn) 61:378-84, Jun 69

Rare earths in the human body. I. Yttrium. Erämetsä O, et al. Ann Med Exp Biol Fenn 46:179-84, 1968

Effects of psychoactive drugs on the metabolism of intracisternally administered serotonin in rat brain. Schildkraut JJ, et al. Biochem Pharmacol 18:1971-8, Aug 69

Properties of the corticotrophin-releasing factor of the rat median eminence. Chan LT, et al. Endocrinology 85:644-51, Oct 69

Isolation and properties of porcine thyrotropin-releasing hormone. Schally AV, et al. J Biol Chem 244:4077-88, 10 Aug 69

Stimulation of LH release in men and women by LH-releasing hormone purified from porcine hypothalami. Kastin AJ, et al. J Clin Endocr 29:1046-50, Aug 69

The effect of fixation with formaldehyde and glutaraldehyde on the composition of phospholipids extractable from rat hypothalamus. Roozemond RC. J Histochem Cytochem 17:482-6, Jul 69

Separation of catecholamine-storing synaptosomes in different regions of rat brain. Green AI, et al. J Pharmacol Exp Ther 168:264-71, Aug 69

Modification by desipramine (DMI) of the availability of norepinephrine released by reserpine in the hypothalamus of the rat in vivo. Sulser F, et al. J Pharmacol Exp Ther 168:272-82, Aug 69

Effect of environmental temperature on the turnover of noradrenaline in hypothalamus and other areas of rat brain. Simmonds MA. J Physiol (London) 203:199-210, Jul 69

[Fluorometric study of biogenic amines in isolated

cells] Hermetet JC, et al.
J Physiol (Paris) 60:Suppl 2:458-9, 1968 (Fre)
[Study of the hypothalamic follicle-stimulating hormone-releasing factor] Ebara Y.
J Jap Obstet Gynec Soc 21:381-90, Apr 69 (Jap)
[Study of the hypothalamic luteinizing hormone-releasing factor] Mayuzumi R.
J Jap Obstet Gynec Soc 21:371-80, Apr 69 (Jap)
[Factors regulating biosynthesis of ACTH] Kumagai A, et al. **Jap J Clin Med 27:1373-6, May 69 (Jap)**
[Dynamics of the hypothalamus releasing factors during the process of maturation] Kobayashi T, et al.
Saishin Igaku 24:1007-12, May 69 (Jap)
[Protein-binding corticotropin and hypothalamic corticotropin] Nakamura M, et al.
Saishin Igaku 24:988-92, May 69 (Jap)
[Concentration of the hypothalamic factor, stimulating hypophyseal secretion of the luteinizing hormone] Basova GG, et al.
Probl Endokr (Moskva) 14:78-82, May-Jun 68 (Rus)
[Distribution of labeled thyroxine in some endocrine glands of rats] Kolli EA, et al.
Probl Endokr (Moskva) 14:90-3, May-Jun 68 (Rus)
[Cholinesterase activity and acetylcholine concentration during immunogenesis] Kirdei EG, et al. **Zh Mikrobiol 44:67-70, Oct 67 (Rus)**

ANATOMY & HISTOLOGY

Synapsis of the human supraoptic nucleus. Azcoaga JE.
Ann Med Exp Biol Fenn 46:119-22, 1968
The prefrontal cortex of the rat. I. Cortical projection of the mediodorsal nucleus. II. Efferent connections. Leonard CM. **Brain Res 12:321-43, Feb 69**
The epithalamus and thalamus of the lungfish, protopterus. Schnitzlein HN, et al.
J Hirnforsch 10:351-71, 1968
[Microneurosurgical anatomy of the limbic system and of the hypothalamus] Nádvorník P.
Cesk Psychiat 65:230-5, Aug 69 (Cze)
[Study of the diencephalus of Meriones shavi (Gerbillidae) in comparison with that of Rattus norvegicus (Muridae)] Compoint C.
J Hirnforsch 10:325-50, 1968 (Fre)
[Hypothalamo-gastric relationships] Martin MS, et al.
Path Biol (Paris) 16:1099-113, Dec 68 (98 ref.) (Fre)
[Supraoptic and paraventricular nuclei of the anterior hypothalamus during pregnancy and labor] Anan'eva AA. **Probl Endokr (Moskva) 14:74-9, Jul-Aug 68 (Rus)**

BLOOD SUPPLY

[Sub-ependymal vessels of the hypophyseal recess] Duvernoy H, et al. **J Hirnforsch 10:227-45, 1968 (Fre)**

CYTOLOGY

Block-staining for electron microscopy of nervous tissue. Kokko A, et al.
Ann Med Exp Biol Fenn 46:123-31, 1968
Effect of excess L-thyroxine on the hypothalamus of thyroidectomized rat. Talanti S.
Ann Med Exp Biol Fenn 46:132-6, 1968
Analysis of hypothalamic influences on mono- and polysynaptic potentials of the spinal cord and on the electrocorticogram. Baklavadjan OG, et al.
Electroenceph Clin Neurophysiol 27:323, Sep 69
Effects of extra-hypothalamic structures on single cell activity in the posterior hypothalamus. Dafny N, et al.
Electroenceph Clin Neurophysiol 27:219, Aug 69
Electrom microscopic study of the anencephalic adenohypophysis with reference to the adrenocorticotrophs and their correlation with the functional differentiation of the hypothalamus during the foetal life. Hatakeyama S.
Endocr Jap 16:187-203, Feb 69
Developmental cell dynamics in the hypothalamus, the anterior pituitary and the ovary of the rat. Nakai T, et al. **Endocr Jap 16:379-82, Jun 69**
A comparison of the mode of termination of the hippocampal and hypothalamic afferents to the septal nuclei as revealed by electron microscopy of degeneration. Raisman G. **Exp Brain Res 7:317-43, 1969**
Some findings concerning the relationship between ontogenesis and cytoarchitecture of the primate brain. Schneider HR.
J Comp Neurol 133:411-27, Aug 68
[The fine structure of the organon vasculosum hypothalami of the frog (Rana temporaria). Braak H, et al. **Z Zellforsch 97:125-36, 1969**
Ultrastructure of synaptic terminals in nucleus infundibularis and nucleus supraopticus of Passer domesticus. Priedkalns J, et al.
Z Zellforsch 98:135-47, 1969
[Effect of drugs on the uptake of amines in hypothalamic vesicles] Philippu A, et al.
Naunyn Schmiedeberg Arch Pharm 263:243-4, 1969 (Ger)
[Electron microscopic study of releasing factors] Kobayashi T, et al.
Saishin Igaku 24:966-71, May 69 (Jap)
[Several characteristics of the ultrastructure of the mammillary body (corpora mammillaria) of the brain] Mikeladze AL, et al. **Arkh Anat 56:28-34, Jan 69 (Rus)**
[Changes of the volume of nuclei in the cells of supraoptic nucleus of the hypothalamus of rats during ontogenesis] Vladirmirov SV.
Probl Endokr (Moskva) 15:70-4, Mar-Apr 69 (Rus)

DRUG EFFECTS

The action of oestradiol benzoate on the activities of some polypeptidases in the hypothalamus of the pregnant rabbit after blastocyst implantation. Hooper KC, et al. **Acta Endocr (Kobenhavn) 61:378-84, Jun 69**
Effects of intracerebral dexamethasone on pituitary-adrenal function in female rats. Zimmermann E, et al. **Amer J Physiol 217:392-6, Aug 69**
Effect of excess L-thyroxine on the hypothalamus of thyroidectomized rat. Talanti S.
Ann Med Exp Biol Fenn 46:132-6, 1968
3. Effects of central nervous system lesions and stimulation of food and water intake. Chronic infusion studies on the hypothalamic regulation of food intake. Reynolds RW, et al.
Ann NY Acad Sci 157:755-7, 15 May 69
A new benzodiazepine: electroencephalographic studies of its anticonvulsant activity in non-anesthetized, non-curarized rabbits. Mille T, et al.
Arzneimitteiforschung 19:730-5, May 69
Steroid-sensitive neurones in rat brain: anatomical localization and responses to neurohumours and ACTH. Steiner FA, et al. **Brain Res 12:74-85, Jan 69**
Sensitivity of chick embryos to chlorpromazine. Vernadakis A. **Brain Res 12:223-6, Jan 69**
Analysis of hypothalamic influences on mono- and polysynaptic potentials of the spinal cord and on the electrocorticogram. Baklavadjan OG, et al.
Electroenceph Clin Neurophysiol 27:323, Sep 69
Electroencephalographic changes in anovulatory cycles. Bental E, et al.
Electroenceph Clin Neurophysiol 27:216, Aug 69
Effects of hypothalmic implants of GH on anterior pituitary weight and GH concentration. Katz SH, et al.
Endocrinology 85:725-34, Oct 69
Effects of glucose on multi-unit activity in the hypothalamus. Brown KA, et al.
Exp Neurol 24:363-73, Jul 69
Arginine induced growth hormone release after clomiphene treatment. Fiedler AJ, et al.
J Clin Endocr 29:1110-3, Aug 69
Enhancement and impairment of avoidance behavior by chemical stimulation of the hypothalamus. Sepinwall J. **J Comp Physiol Psychol 68:393-9, Jul 69**
The effect of calcium chloride and formaldehyde on the release and composition of phospholipids from cryostat sections of rat hypothalamus. Roozemond RC. **J Histochem Cytochem 17:273-9, Apr 69**
Clinical temperature. New physiological basis. Benzinger TH. **JAMA 209:1200-6, 25 Aug 69**
The analysis of inter-spike interval fluctuation of hypothalamic unit activity in response to luteinizing hormone and oxytocin. Kawakami M, et al.
Jap J Physiol 19:243-59, 15 Apr 69
Measurement of hyperactivity in rats in a dose-response-curve after intrahypothalamic norepinephrine injection. Benkert O.
Life Sci 8:943-8, 1 Sep 69
Noradrenergic synapses for the suppression of feeding behavior. Margules DL. **Life Sci 8:693-704, 1 Jul 69**
Estrogen: direct effects on hypothalamus or pituitary in relation to pituitary weight changes. Lisk RD.
Neuroendocrinology 4:368-73, 1969
Sites and modes of action of antipyretic-analgesic drugs. Keele CA.
Proc Roy Soc Med 62:535-9, Jun 69 (18 ref.)
Iontophoretic application of acetylcholine to thermoregulatory centers of rats. Kirpatrickwe, et al.
Proc West Pharmacol Soc 12:725, 1969
Thermoregulation in the rat: interactions of

cholinergic and adrenergic agents in the hypothalamus. Lomax P, et al.
Proc West Pharmacol Soc 11:48-51, 1968
The cental nervous system and pituitary-adrenocortical feedback mechanisms. Davidson JM, et al. Rass Neurol Veg 21:9-27, 30 Apr 67
Thermoregulation and norepinephrine. Meyers RD, et al. Science 165:1030-1, 5 Sep 69
Brain lesions in an infant rhesus monkey treated with monsodium glutamate. Olney JW, et al.
Science 166:386-8, 17 Oct 69
[Variations of monoamines induced by p-chloro N-methylamphetamine in different parts of the rat brain] Boissier JR, et al.
C R Acad Sci [D] (Paris) 268:2298-300, 5 May 69 (Fre)
[Action of estrogens on tubero-infundibular monoamines in female hamsters] Hermand E.
C R Soc Biol (Paris) 162:1959-61, May 69 (Fre)
[Fluorometric study of biogenic amines in isolated cells] Hermetet JC, et al.
J Physiol (Paris) 60:Suppl 2:458-9, 1968 (Fre)
[Experimental studies with the new appetite depressant N-(3-chlorpropyl)-1-methyl-2-phenylethylamine hydrochloride (Ro 4-5282)] Blum JE.
Arzneimitteiforschung 19:748-55, May 69 (Ger)
[Animal experimental studies of pain and its pharmacological modification] Hoffmeister F.
Arzneimitteiforschung Suppl 16:1-116, 1968 (Ger)
[Effect of barbiturates on the electroretinogram] Trimarchi F. Ann Ottal 94:1225-9, Oct 68 (Ita)
[Neuropharmacologic study on the effect of nitrazepam on the central nervous system] Yamamoto K, et al. Brain Nerve (Tokyo) 21:488-502, May 69 (Jap)
[On the reaction of the hypothalamo-hypophyseal neurosecretory system (HHNS) of dogs with experimental arteriosclerosis to the administration of adrenaline] Bogdanovich NK, et al.
Arkh Pat 30:8-14, 1968 (Rus)
[Serotonin-reactive structures of the hypothalamus and the function of hypophyseo-adrenal system] Naumenko EV, et al.
Probl Endokr (Moskva) 14:83-6, Jul-Aug 68 (Rus)

EMBRYOLOGY

[Secretion of luteinizing gonadotropin and its regulation at the early human ontogenesis] Levina SE.
Probl Endokr (Moskva) 14:56-60, Nov-Dec 68 (Rus)
[Changes of the volume of nuclei in the cells of supraoptic nucleus of the hypothalamus of rats during ontogenesis] Vladirmirov SV.
Probl Endokr (Moskva) 15:70-4, Mar-Apr 69 (Rus)

ENZYMOLOGY

The action of oestradiol benzoate on the activities of some polypeptidases in the hypothalamus of the pregnant rabbit after blastocyst implantation. Hooper KC, et al. Acta Endocr (Kobenhavn) 61:378-84, Jun 69
Sensitivity of chick embryos to chlorpromazine. Vernadakis A. Brain Res 12:223-6, Jan 69
Cytochrome oxidase activity in different hypothalamic areas. Influence of castration. Moguilevsky JA, et al.
Experientia 25:378-9, 15 Apr 69
Quantitative changes of acid phosphatase in the hypothalamus, pituitary, adrenals, and thyroid of mice (Mus musculus L.) exposed to large, single doses of UV or x-rays, taking into account the circadian rhythm. Surowiak J.
Folia Biol (Krakow) 17:105-40, 1969
The chemoarchitectonics in the chiropteran brain. Masai H, et al. J Hirnforsch 10:271-8, 1968
Cyclic 3',5'-nucleotide phosphodiesterase in brain. Breckenridge BM, et al.
J Histochem Cytochem 17:505-11, Aug 69
A regional study of some osmotic, ionic and age factors affecting the stability of cerebral lysosomes. Sellinger OZ, et al. J Neurochem 16:1219-29, Aug 69
Separation of catecholamine-storing synaptosomes in different regions of rat brain. Green AI, et al.
J Pharmacol Exp Ther 168:264-71, Aug 69

GROWTH & DEVELOPMENT

Ontogenetic study on development of secondary components of evoked response in rabbit. Ata-Muradova FA.
Electroenceph Clin Neurophysiol 27:322-3, Sep 69
Alteration by neonatal hypothyroidism of the critical period for the induction of persistent estrus in the rat. Kikuyama S. Endocr Jap 16:269-73, Apr 69
On the mechanism of sexual differentiation of the rat hypothalamus. Flerkó B, et al.
Rass Neurol Veg 21:85-98, 30 Apr 67
[Sexual differentiation of the hypothalamus (review of the literature)] Babichev VN.
Probl Endokr (Moskva) 15:120-4, May-Jun 69 (48 ref.) (Rus)

INJURIES

Pharmacological alteration of hyper-reactivity in rats with septal and hypothalamic lesions. Beattie CW, et al. Int J Neuropharmacol 8:365-71, Jul 69

INNERVATION

Connections of cerebral structures functioning in neurohypophysial hormone release. Woods WH, et al.
Brain Res 12:26-46, Jan 69
Effect of hypothalamic de-afferentation on induction of pseudopregnancy by vaginal-cervical stimulation in the rat. Arai Y. J Reprod Fertil 19:573-5, Aug 69
[Modifications of monoaminergic fibers and cells of the guinea pig infundibulo-tuberal region during the estral cycle] Léonardelli J.
C R Soc Biol (Paris) 162:1937-40, May 69 (Fre)

METABOLISM

Distribution and metabolism of norepinephrine after its administration into the cerebroventricular system of the cat. Carr LA, et al.
Biochem Pharmacol 18:1907-18, Aug 69
6-hydroxytryptamine--a new tool in monoamine fluorescence histochemistry. Jonsson G, et al.
Brain Res 13:190-5, Mar 69
Evoked release of 5-HT and NEFA from the hypothalamus of the conscious monkey during thermoregulation. Myers RD, et al.
Experientia 25:705-6, 1969
Subcellular distribution and chemical nature of the receptor for 5-hydroxytryptamine in the central nervous system. Fiszer S, et al.
J Neurochem 16:1201-9, Aug 69
Modification by desipramine (DMI) of the availability of norepinephrine released by reserpine in the hypothalamus of the rat in vivo. Sulser F, et al.
J Pharmacol Exp Ther 168:272-82, Aug 69
Effect of environmental temperature on the turnover of noradrenaline in hypothalamus and other areas of rat brain. Simmonds MA.
J Physiol (London) 203:199-210, Jul 69
Failure to demonstrate uptake of 3H-testosterone by the hypothalamus of young rats. Sherratt M, et al.
Neuroendocrinology 4:374-6, 1969
[The fine structure of the organon vasculosum hypothalami of the frog (Rana temporaria). Braak H, et al. Z Zellforsch 97:125-36, 1969
Hypothalamic control of the pars intermedia in Xenopus laevis tadpoles. Goos HJ.
Z Zellforsch 97:118-24, 1969
A histochemical study of the primary catecholamines in the hypothalamic neurons of the rat in relation to the ontogenetic and sexual differentiation. Hyyppä M.
Z Zellforsch 98:550-60, 1969
[Study of the penetration of 3H-1,2-testosterone into the anterior pituitary, hypothalamus and cerebral cortex of normal and castrated rats] Samperez S, et al.
Bull Soc Chim Biol (Paris) 51:117-31, 4 Jun 69 (Fre)
[Influence of castration and testosterone on the in vitro biosynthesis of ribonucleic acids in rat cerebral cortex, hypothalamus, and pituitary gland] Valotaire Y, et al.
Bull Soc Chim Biol (Paris) 51:211-24, 26 Jun 69 (Fre)
[Variations of monoamines induced by p-chloro N-methylamphetamine in different parts of the rat brain] Boissier JR, et al.
C R Acad Sci [D] (Paris) 268:2298-300, 5 May 69 (Fre)
[Demonstration of a macromolecular association of 3H-1-2-testosterone in normal and castrated rat anterior pituitary and hypothalamus] Samperez S, et al. C R Acad Sci [D] (Paris) 268:2965-7, 16 Jun 69 (Fre)
[Action of estrogens on tubero-infundibular monoamines in female hamsters] Hermand E.
C R Soc Biol (Paris) 162:1959-61, May 69 (Fre)
[Action of injection of m-tyrosine on infundibulo-tuberal monoamines of female guinea pigs and male guinea pigs treated with testosterone]

Léonardelli J.
C R Soc Biol (Paris) 162:1956-9, May 69 (Fre)
[The adrenaline-noradrenaline relationship in the hypothalamus, the heart, and the adrenals in squirrels hibernating and in a waking state] Petrović VM, et al.
J Physiol (Paris) 60:Suppl 2:514, 1968 (Fre)
[Fluorescence microscopy studies on the hypothalamus of male rats following treatment with an active anti-androgenic substance] Meinhardt DW, et al. **Experientia 25:643, 15 Jun 69 (Ger)**
[Effect of drugs on the uptake of amines in hypothalamic vesicles] Philippu A, et al.
Naunyn Schmiedeberg Arch Pharm 263:243-4, 1969 (Ger)
[CRF (corticotropin-releasing factor)] Hiroshige T, et al. **Jap J Clin Med 27:1364-73, May 69 (Jap)**
[Synthesis and release of LH, prolactin and TSH in rabbits and birds] Kanematsu S, et al.
Saishin Igaku 24:1002-6, May 69 (Jap)
[Mechanism of the hypothalamus autonomic nervous system and ovulation] Kobayashi T, et al.
Saishin Igaku 24:1024-6, May 69 (Jap)
[Metabolism of catecholamines in the brain and sexual cycle. 2] Kurachi K, et al.
Saishin Igaku 24:997-1001, May 69 (Jap)

PATHOLOGY

Radio-frequency-current and direct-current lesions in the ventromedial hypothalamus. Herrero S.
Amer J Physiol 217:403-10, Aug 69
Oral glucose tolerance tests and growth hormone assays in children with asthma. Snyder RD, et al.
Ann Allerg 27:425-8, Sep 69
Delayed radiation necrosis of the hypothalamus. Report of a case simulating recurrent craniopharyngioma. Ghatak NR, et al.
Arch Neurol (Chicago) 21:425-30, Oct 69
Encephalitis with myoclonus in Whipple's disease. Stoupel N, et al.
J Neurol Neurosurg Psychiat 32:338-43, Aug 69
Effects of cholera on the human hypothalamus and hypophysis. II. Choudhury RP.
J Trop Med Hyg 72:185-92, Aug 69
Hypothalamic tonic regulation of blood pressure in spontaneously hypertensive rats. Yamori Y, et al.
Jap Circ J 33:509-19, May 69
Wernicke's encephalopathy and Korsakow's syndrome. Biemond A. **Psychiat Clin (Basel) 2:146-66, 1969**
A study of body, adrenal and pituitary weight changes in mouse scrapie with a note on neurosecretory activity. Field EJ. **Res Vet Sci 10:151-5, Mar 69**
Thermoregulatory responses to intra-abdominal heating of sheep. Rawson RO, et al.
Science 165:919-20, 29 Aug 69
[Studies on the problem of alcoholic paranoia; contribution on the interpretation of somatogenic psychoses] Fodstad H.
Schweiz Arch Neurol Neurochir Psychiat 102:431-55, 1968 (Ger)
[Distribution of Alzheimer's neurofibrillar changes (NFA) in postencephalitic parkinsonism] Ishii T.
Advances Neurol Sci (Tokyo) 12:909-19, Dec 68 (Jap)
[On the reaction of the hypothalamo-hypophyseal neurosecretory system (HHNS) of dogs with experimental arteriosclerosis to the administration of adrenaline] Bogdanovich NK, et al.
Arkh Pat 30:8-14, 1968 (Rus)
[The functional state of the posterior structures of the rabbit hypothalamus in experimental tuberculosis] Broun GR. **Biull Eksp Biol Med 67:40-3, Feb 69 (Rus)**
[Reaction of ultrastructure of various functioning neurosecretory cells to general irradiation] Voĭtkevich AA, et al.
Probl Endokr (Moskva) 15:60-5, Mar-Apr 69 (Rus)
[Pathomorphologic changes in the nuclei of the anterior hypothalamus in hypertension] Grintsevich II, et al. **Vrach Delo 6:87-90, Jun 69 (Rus)**

PHYSIOLOGY

Thermosensitive bar-pressing behavior of the rat with unilateral lesion in the hypothalamus and during cortical spreading depression. Rüdiger W, et al.
Acta Biol Exp (Warsz) 28:375-82, 1968
A quantitative study of spermatogenesis in rats bearing hypothalamic lesions of mammillary and supra-chiasmatic nuclei. Rüedi BA.
Acta Endocr (Kobenhavn) 60:276-80, Feb 69
The regulation of ACTH secretion. Smelik PG.
Acta Physiol Pharmacol Neerl 15:123-35, Jun 69
A comparative analysis of hypothalamic stimulation during physiological sleep and wakefulness. Karmos G, et al. **Activ Nerv Sup (Praha) 11:149-53, 1969**
Factors affecting obesity. Foster ME.
Alabama J Med Sci 6:275-84, Jul 69 (47 ref.)
Radio-frequency-current and direct-current lesions in the ventromedial hypothalamus. Herrero S.
Amer J Physiol 217:403-10, Aug 69
Production of hypothalamic obesity by microsurgery. Jansen GR, et al. **Amer J Physiol 217:487-93, Aug 69**
Cholinergic synapses of a periventricular punishment system in the medial hypothalamus. Margules DL, et al. **Amer J Physiol 217:475-80, Aug 69**
3. Effects of central nervous system lesions and stimulation of food and water intake. Chronic infusion studies on the hypothalamic regulation of food intake. Reynolds RW, et al.
Ann NY Acad Sci 157:755-7, 15 May 69
VI. Sensory mechanisms and multi-factor models in the regulation of food and water intake. Mechanisms in the control of food and water intake. Stevenson JA.
Ann NY Acad Sci 157:1069-83, 15 May 69 (45 ref.)
Steroid-sensitive neurones in rat brain: anatomical localization and responses to neurohumours and ACTH. Steiner FA, et al. **Brain Res 12:74-85, Jan 69**
Connections of cerebral structures functioning in neurohypophysial hormone release. Woods WH, et al.
Brain Res 12:26-46, Jan 69
Hypothalamic and rate feedback in the thyroid hormone regulation system: an hypothesis. DiStefano JJ 3d. **Bull Math Biophys 31:233-46, Jun 69**
Effects of verapamil on cardiovascular responses to lateral hypothalamic stimulation in normal and coronary-ligated dogs. Garvey HL, et al.
Canad J Physiol Pharmacol 47:675-84, Aug 69
"Aggression" -- biophysiological aspects. Kermani EJ.
Dis Nerv Syst 30:407-14, Jun 69 (84 ref.)
Analysis of hypothalamic influences on mono- and polysynaptic potentials of the spinal cord and on the electrocorticogram. Baklavadjan OG, et al.
Electroenceph Clin Neurophysiol 27:323, Sep 69
Electroencephalographic changes in anovulatory cycles. Bental E, et al.
Electroenceph Clin Neurophysiol 27:216, Aug 69
Effects of extra-hypothalamic structures on single cell activity in the posterior hypothalamus. Dafny N, et al.
Electroenceph Clin Neurophysiol 27:219, Aug 69
Pathways involved in caudate nucleus effects on the posterior hypothalamus. Feldman S, et al.
Electroenceph Clin Neurophysiol 27:218-9, Aug 69
Changes in electrical and conditioned activity after ablation of the laternal hypothalamus in rabbits. Kalyuzhny LV, et al.
Electroenceph Clin Neurophysiol 27:325, Sep 69
Slow potential changes in cat brain during classical appetitive and aversive conditioning of jaw movement. Rebert CS, et al.
Electroenceph Clin Neurophysiol 27:152-61, Aug 69
The influence of intra-hippocampal gamma-amino-butyric acid on the orienting reflex. Rogozea R, et al.
Electroenceph Clin Neurophysiol 27:162-8, Aug 69
Changes in blood serotonin titre in rabbits during sustained stimulation of the anterior segments of the hypothalamus with electric current. Vekshina NL.
Electroenceph Clin Neurophysiol 27:324, Sep 69
Evidence for a diurnal rhythm of corticotropin-releasing factor (CRF) in the hypothalamus. David-Nelson MA, et al.
Endocrinology 85:861-6, Nov 69
Dissociation of reproductive physiology and behavior induced by neonatal treatment with steroids. Thomas TR, et al. **Endocrinology 85:781-4, Oct 69**
Interaction of defence and flight reactions produced by simultaneous stimulation at two points in the hypothalamus of the cat. Brown JL, et al.
Exp Brain Res 8:130-49, 1969
Defence, attack, and flight elicited by electrical stimulation of the hypothalamus of the cat. Brown JL, et al. **Exp Brain Res 8:113-29, 1969**
Feeding and drinking following stimulation of the diencephalon of the monkey with amines and other substances. Sharpe LG, et al.
Exp Brain Res 8:295-310, 1969
Effects of glucose on multi-unit activity in the hypothalamus. Brown KA, et al.
Exp Neurol 24:363-73, Jul 69
Environmental temperature and firing rate of

NEUROENDOCRINOLOGY

hypothalamic neurons. Hellon RF.
Experientia 25:610, 15 Jun 69

Responses to microinjections of d-tubocurarine into the hypothalamus of cats. Fletcher A, et al.
Int J Neuropharmacol 8:373-7, Jul 69

Operant conditioning of changes in heart rate in curarized rats. Hothersall D, et al.
J Comp Physiol Psychol 68:338-42, Jul 69

Enhancement and impairment of avoidance behavior by chemical stimulation of the hypothalamus. Sepinwall J. **J Comp Physiol Psychol 68:393-9, Jul 69**

A miniature FM transmitter for the radio-telemetry of unit activity. Beechey P, et al.
J Physiol (London) 203:5P-6P, Jul 69

Does oxytocin influence the activity of hypothalamic neurones? Cross BA, et al.
J Physiol (London) 203:70P-71P, Jul 69

Antidromic activation of neurones in the paraventricular nucleus by stimulation in the neural lobe of the pituitary. Cross BA, et al.
J Physiol (London) 203:68P-70P, Jul 69

The time relation between the secretory and electical responses of supraoptic neurones to osmotic stimuli. Dyball RE. **J Physiol (London) 203:67P-68P, Jul 69**

The effect of hypothalamic lesions on the melanocyte-stimulating hormone content and histology of the pars intermedia of the rat pituitary gland. Howe A, et al.
J Physiol (London) 203:159-71, Jul 69

Clinical temperature. New physiological basis. Benzinger TH. **JAMA 209:1200-6, 25 Aug 69**

The analysis of inter-spike interval fluctuation of hypothalamic unit activity in response to luteinizing hormone and oxytocin. Kawakami M, et al.
Jap J Physiol 19:243-59, 15 Apr 69

Noradrenergic synapses for the suppression of feeding behavior. Margules DL. **Life Sci 8:693-704, 1 Jul 69**

The puzzle of pain. Murray JB.
Percept Motor Skills 28:887-99, Jun 69 (36 ref.)

Temperature control. Roddie IC.
Practitioner 202:108-14, Jul 69

Disulfiram and brain-stimulated emotional behavior. MacDonnell MF, et al.
Quart J Stud Alcohol 30:719-23, Sep 69

The role of the hypothalamus in hormonal sex differentiation. Hyyppä M.
Rev Roum Physiol 5:289-99, 1968

Behavioral regulation of hypothalamic temperature. Corbit JD. **Science 166:256-8, 10 Oct 69**

Plasticity of hypothalamic motivational systems. Wise RA. **Science 165:929-30, 29 Aug 69**

The hypothalamic regulation of thyrotrophic hormone secretion during the estrous cycle. Soliman FA, et al.
Zbl Veterinaermed [A] 16:471-5, Jul 69

[Central analgesics and pain mechanisms] Viars P.
Anesth Analg (Paris) 26:231-48, Mar-Apr 69 (Fre)

[Variations of amylasuria under the effect of sound and vibration injuries (preliminary note)] Miclesco-Groholsky S.
Ann Otolaryng (Paris) 86:251-8, Apr-May 69 (Fre)

[Hypothalamic control of thermoregulation and of hibernation in the European hamster Cricetus cricetus] Malan A.
Arch Sci Physiol (Paris) 23:47-87, 1969 (Fre)

[Heterogenicity of purified extracts containing the hypothalamus factor controlling LH-ICSH secretion in guinea pigs] Moschetto Y, et al.
C R Acad Sci [D] (Paris) 268:3096-9, 23 Jun 69 (Fre)

[Influence of destruction of the hypothalamic ventromedial nuclei on the feeding behavior of rats nourished by separate meals] Péret J, et al.
C R Acad Sci [D] (Paris) 268:2119-21, 21 Apr 69 (Fre)

[Research on the role of infundibular monoamines during lactation in mice] Barry J.
C R Soc Biol (Paris) 162:1954-5, May 69 (Fre)

[Modifications of monoaminergic fibers and cells of the guinea pig infundibulo-tuberal region during the estral cycle] Léonardelli J.
C R Soc Biol (Paris) 162:1937-40, May 69 (Fre)

[Modifications of the genital apparatus in female guinea pigs after stereotaxic lesions of the anterior hypothalamus] Poulain P.
C R Soc Biol (Paris) 162:1943-5, May 69 (Fre)

[Unit activity in the hypothalamus studied in relation to ovulation in free chronic rabbits] Faure JM, et al.
J Physiol (Paris) 60:Suppl 2:439+, 1968 (Fre)

[Influence of the destruction of hypothalamic ventromedian nucleus on the behavior of rats receiving separate feedings] Peretianu J, et al.
J Physiol (Paris) 60:Suppl 2:510-1, 1968 (Fre)

[Unit activities received in the hippocampus during waking and sleeping in free chronic rabbits] Vincent JD, et al. **J Physiol (Paris) 60:Suppl 2:568, 1968 (Fre)**

[Hypothalamo-gastric relationships] Martin MS, et al.
Path Biol (Paris) 16:1099-113, Dec 68 (98 ref.) (Fre)

[Role of the hypothalamo-hypophyseal region in milk secretion] Delecour M, et al.
Rev Franc Gynec Obstet 62:227-32, Apr-May 67 (Fre)

[Factor analysis of subcortical evoked potential thresholds] Holm E, et al.
Exp Brain Res 8:79-96, 1969 (Ger)

[Neural influence of the hypothalamus on the function of the adrenal cortex] Smollich A, et al.
J Neurovisc Relat 31:128-35, 1969 (Ger)

[Pharmacological effects of chronic perazine administration in rats of various ages] Fähndrich E. **Naunyn Schmiedeberg Arch Pharm 263:205-6, 1969 (Ger)**

[Physiological and pharmacological aspects of psychosomatic medicine] Konzett H.
Wien Klin Wschr 81:577-81, 15 Aug 69 (Ger)

[Somatomotor interrelations following activation of the hypothalamus and caudate nucleus. II. Somatomotor effects of contemporary or successive stimulation of the perifornix area of the hypothalamus on one side and of the homolateral or contralateral caudate nucleus] Giammanco S, et al.
Boll Soc Ital Biol Sper 44:1800-2, 15 Nov 68 (Ita)

[Somatomotor interrelations following activation of the hypothalamus and caudate nucleus. I. Somatomotor effects of isolated or contemporary stimulation of the hypothalamus and caudate nucleus, in cats with permanent electrodes] Giammanco S, et al. **Boll Soc Ital Biol Sper 44:1797-800, 15 Nov 68 (Ita)**

[The blood flow-pressure relationship in the pulmonary circulation during hypothalamic stimulation in the curarized cat] Lenzi F, et al.
Boll Soc Ital Biol Sper 44:1346-9, 31 Aug 68 (Ita)

[Relationship between the hypothalamus and the limbic system, with special reference to its dynamics in feedback mechanism] Iizuka R, et al.
Clin Endocr (Tokyo) 17:427-35, May 69 (Jap)

[Study on physiological action of LH-RF (luteinizing hormone releasing factor) using rats with continuous estrus] Ichikawa H.
J Jap Obstet Gynec Soc 21:245-54, Mar 69 (Jap)

[Factors determining extinction resistance of intracranial self-stimulation---frequency of reinforcement and time factors after the last reinforcement] Yamanaka Y.
Jap J Psychol 40:76-84, Jun 69 (Jap)

[Emotional behavior and single cell activities of the ventromedial nucleus of the hypothalamus in unanesthetized and unrestrained cats] Baba M.
Psychiat Neurol Jap 71:537-47, Jun 69 (Jap)

[Mechanism of the hypothalamus autonomic nervous system and ovulation] Kobayashi T, et al.
Saishin Igaku 24:1024-6, May 69 (Jap)

[Effect of the hypothalamus on ultrastructure of the anterior pituitary cells, with special reference to various findings on somatotrophs and gonadotrophs] Shiotani Y, et al. **Saishin Igaku 24:956-62, May 69 (Jap)**

[The central nervous apparatus for regulation of osmosis] Walloe L.
T Norsk Laegeforen 89:1077-82, 1 Jul 69 (Nor)

[On the reaction of the hypothalamo-hypophyseal neurosecretory system (HHNS) of dogs with experimental arteriosclerosis to the administration of adrenaline] Bogdanovich NK, et al.
Arkh Pat 30:8-14, 1968 (Rus)

[Supraoptic and paraventricular nuclei of the anterior hypothalamus during pregnancy and labor] Anan'eva AA. **Probl Endokr (Moskva) 14:74-9, Jul-Aug 68 (Rus)**

[Hypothalamic control of the luteinizing function of the hypophysis in male rats] Babichev VN.
Probl Endokr (Moskva) 15:68-72, May-Jun 69 (Rus)

[The effect of destruction and stimulation of the paraventricular and supraoptical nuclei of the hypothalamus on the sensitivity of rat ovaries to gonadotropin, estrogens, androgens and progesterone] Myslitskiĭ VF.
Probl Endokr (Moskva) 15:72-6, May-Jun 69 (Rus)

[Serotonin-reactive structures of the hypothalamus and the function of hypophyseo-adrenal system] Naumenko EV, et al.
Probl Endokr (Moskva) 14:83-6, Jul-Aug 68 (Rus)

[The significance of paraventricular nuclei of the hypothalamus in the regulation of hormone formation in the thyroid gland] Samsonova VM.
Probl Endokr (Moskva) 15:65-70, Mar-Apr 69 (Rus)

[The role of paraventricular nuclei of the anterior hypothalamus of rats in the regulation of thyroid hormone secretion] Samsonova VM.
Probl Endokr (Moskva) 15:76-9, May-Jun 69 (Rus)
[Early steroid regulation of sexual differentiation of the brain (review of the literature)] Vunder PA.
Probl Endokr (Moskva) 15:114-20, May-Jun 69 (53 ref.) (Rus)

PHYSIOPATHOLOGY

Electrical changes in the brain in the course of experimental allergic encephalomyelitis in rabbits. Feldman S, et al. J Neurol Sci 8:413-24, May-Jun 69
Hypothalamic tonic regulation of blood pressure in spontaneously hypertensive rats. Yamori Y, et al.
Jap Circ J 33:509-19, May 69
Modification of insulin response and alloxan diabetes by hypothalamic lesions in rats. Kokka N, et al.
Neuroendocrinology 4:333-46, 1969
[Central nervous control of the pituitary-adrenal system, with special reference to the function of the hippocampus in stress] Kawakami M, et al.
Jap J Clin Med 27:1348-62, May 69 (Jap)
[Chromophobe adenoma of the pituitary gland diagnosed as postgestational hypothalamosis] Czerwiński L, et al. Ginek Pol 40:809-15, Jul 69 (Pol)
[The functional state of the posterior structures of the rabbit hypothalamus in experimental tuberculosis] Broun GR. Biull Eksp Biol Med 67:40-3, Feb 69 (Rus)

RADIATION EFFECTS

[Reaction of ultrastructure of various functioning neurosecretory cells to general irradiation] Voitkevich AA, et al.
Probl Endokr (Moskva) 15:60-5, Mar-Apr 69 (Rus)

SECRETION

Evoked release of 5-HT and NEFA from the hypothalamus of the conscious monkey during thermoregulation. Myers RD, et al.
Experientia 25:705-6, 1969
[Endocrinologic research] Bettendorf G.
Arch Gynaek 207:383-9, 1969 (Ger)
[Biorhythms in clinical and experimental endocrinology. Introduction] Lunedei A.
Rass Neurol Veg 21:3-8, 30 Apr 67 (Ita)
[Experimental hypertension, especially on spontaneously hypertensive rats] Okamoto K.
Iryo 23:293-305, Mar 69 (Jap)
[Short feedback control of gonadotropin secretion of the anterior pituitary gland] Igarashi M, et al.
Saishin Igaku 24:993-6, May 69 (Jap)
[Mechanism of ACTH secretion in the pituitary gland] Ito S, et al. Saishin Igaku 24:986-8, May 69 (Jap)
[Electron microscopic study of releasing factors] Kobayashi T, et al.
Saishin Igaku 24:966-71, May 69 (Jap)
[Factors regulating TSH secretion] Tsuji S, et al.
Saishin Igaku 24:976-82, May 69 (Jap)

SURGERY

Connections of cerebral structures functioning in neurohypophysial hormone release. Woods WH, et al.
Brain Res 12:26-46, Jan 69
The stereotaxic treatment of paedophilic homsexuality. Roeder F, et al.
German Med Monthly 14:265-71, Jun 69
Modification of insulin response and alloxan diabetes by hypothalamic lesions in rats. Kokka N, et al.
Neuroendocrinology 4:333-46, 1969
Symposium. Parkinsonism. Narabayashi H, et al.
Neurol Medicochir (Tokyo) 9:293-7, 1967
[Hypothalamic control of thermoregulation and of hibernation in the European hamster Cricetus cricetus] Malan A.
Arch Sci Physiol (Paris) 23:47-87, 1969 (Fre)
[Post-operative development of corticosteronemia after hypophysectomy or hypophthalamo-hypophyseal disconnection in ducks] Baylé JD. J Physiol (Paris) 60:Suppl 2:397, 1968 (Fre)
[Hypothalamo-gastric relationships] Martin MS, et al.
Path Biol (Paris) 16:1099-113, Dec 68 (98 ref.) (Fre)

PINEAL BODY

Induction of polycystic ovarian disease in rats by continuous ght. IV. Effect of a bovine pineal gland extract. Singh KB.
Amer J Obstet Gynec 105:274-5, 15 Sep 69
Spectral sensitivity of the parietal eye of the green iguana. Hamasaki DI. Vision Res 9:515-23, Apr 69
[The clinic, morphology and treatment of the tumor in the pineal region] Tamaki N.
Kobe J Med Sci 14:293-326, Dec 68 (Ger)
[Effects of epiphyseal extracts on the psychomotor lability of the child] Toncescu N, et al.
Psychiat Neurol Med Psychol (Leipzig) 21:37-9, Jan 69 (Ger)

ANALYSIS

Determination by neutron activation of copper, manganese, and zinc in the pineal body and other areas of brain tissue. Wong PY, et al.
J Neurochem 16:1231-4, Aug 69
Innervation and fluorescence histochemistry of monoamines in the pineal organ of a snake (Natrix natrix). Quay WB, et al.
J Neurovisc Relat 31:11-25, 1968
[Anti-gonadotropic principle of the pineal gland] Thiebiot L, et al.
J Physiol (Paris) 60:Suppl 2:554, 1968 (Fre)
[Studies on the amino acid composition of the pineal body in warm-blooded and cold-blooded animals by means of paper chromatography] Rzeszowska G, et al.
Endokr Pol 20:325-30, 1969 (Pol)

ANATOMY & HISTOLOGY

The brain in Cynoglossus bilineatus (Lac.). Saxena PK.
Anat Anz 124:210-7, 1969
Innervation and fluorescence histochemistry of monoamines in the pineal organ of a snake (Natrix natrix). Quay WB, et al.
J Neurovisc Relat 31:11-25, 1968
Pineal gland, melatonin synthesis, and testicular development in the rat. Tait GR, et al.
Life Sci 8:717-25, 1 Jul 69
[Comparative observations on the epiphysis of Strigiformes and other similar orders] Renzoni A.
Arch Ital Anat Embriol 73:321-36, 1968 (Ita)
[The ultrastructure of the pineal body in the parakeet Melopsittacus undulatus with special reference to cellular types and their functions] Quay WB, et al.
Riv Biol 61:371-93, Oct-Dec 68 (Mul)

BLOOD SUPPLY

Rapid flow of blood through pituitary autografts in the rat. Goldman H, et al. Amer J Physiol 217:567-9, Aug 69

CYTOLOGY

[On the innervation of the endocrine glands. Contribution on modern morphology and comparative anatomy] Vollrath L.
Munchen Med Wschr 111:1464-8, 4 Jul 69 (Ger)
[Studies on the fluorescence and electron-microscopic identification of 5-hydroxy-tryptamine (5-HT) in the pineal organ of Lacerta viridis and L. muralis] Wartenberg H, et al.
Z Anat Entwicklungsgesch 128:185-210, 1969 (Ger)
[The ultrastructure of the pineal body in the parakeet Melopsittacus undulatus with special reference to cellular types and their functions] Quay WB, et al.
Riv Biol 61:371-93, Oct-Dec 68 (Mul)

DRUG EFFECTS

Incorporation of 14C-tryptophan into 14C-protein by cultured rat pineals: stimulation by l-norepinephrine. Wurtman RJ, et al.
Proc Nat Acad Sci USA 62:749-55, Mar 69
Cyclic adenosine monophosphate: stimulation of melatonin and serotonin synthesis in cultured rat pineals. Shein HM, et al. Science 166:519-20, 24 Oct 69
[Comparative study of 5-hydroxytryptamine levels of rat brain and epiphysis during sleep induced by chloral hydrate] Weil-Fugazza J, et al.
J Physiol (Paris) 60:Suppl 2:569+, 1968 (Fre)
[Studies on the fluorescence and electron-microscopic identification of 5-hydroxy-tryptamine (5-HT) in the pineal organ of Lacerta viridis and L. muralis]

Wartenberg H, et al.
Z Anat Entwicklungsgesch 128:185-210, 1969 (Ger)

EMBRYOLOGY

[Comparative observations on the epiphysis of Strigiformes and other similar orders] Renzoni A.
Arch Ital Anat Embriol 73:321-36, 1968 (Ita)

INNERVATION

Circadian serotonin rhythm control: sympathetic and nonsympathetic pathways in rat pineals of different ages. Machado CR, et al.
Endocrinology 85:846-8, Nov 69

Selective demonstration of a type of synaptic vesicle by phosphotungstic acid staining. Jaim-Etcheverry G, et al. J Cell Biol 42:855-60, Sep 69

Innervation and fluorescence histochemistry of monoamines in the pineal organ of a snake (Natrix natrix). Quay WB, et al.
J Neurovisc Relat 31:11-25, 1968

[On the innervation of the endocrine glands. Contribution on modern morphology and comparative anatomy] Vollrath L.
Munchen Med Wschr 111:1464-8, 4 Jul 69 (Ger)

METABOLISM

Metamorphosis and the pineal complex in the brook lamprey, Lampetra planeri. Eddy JM.
J Endocr 44:451-2, Jul 69

Pineal gland, melatonin synthesis, and testicular development in the rat. Tait GR, et al.
Life Sci 8:717-25, 1 Jul 69

Incorporation of 14C-tryptophan into 14C-protein by cultured rat pineals: stimulation by l-norepinephrine. Wurtman RJ, et al.
Proc Nat Acad Sci USA 62:749-55, Mar 69

[Comparative study of 5-hydroxytryptamine levels of rat brain and epiphysis during sleep induced by chloral hydrate] Weil-Fugazza J, et al.
J Physiol (Paris) 60:Suppl 2:569+, 1968 (Fre)

[Studies on the fluorescence and electron-microscopic identification of 5-hydroxy-tryptamine (5-HT) in the pineal organ of Lacerta viridis and L. muralis]

Wartenberg H, et al.
Z Anat Entwicklungsgesch 128:185-210, 1969 (Ger)

PATHOLOGY

Intracranial meningiomas. A retrospective analysis of the diagnostic value of plain skull films. Gold LH, et al.
Neurology (Minneap) 19:873-8, Sep 69

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Stratified squamous metaplasia of the uterine epithelium in early androgen-treated rats and its inhibition by light deprivation. Reiter RJ.
Anat Rec 164:479-87, Aug 69

Electrocortical reactions of pinealectomized and intact rats to lethal doses of pentobarbital. Behroozi K, et al.
Electroenceph Clin Neurophysiol 27:220, Aug 69

Changes in the electrical activity of the brain following pinealectomy. Nir I, et al.
Electroenceph Clin Neurophysiol 27:220, Aug 69

Circadian serotonin rhythm control: sympathetic and nonsympathetic pathways in rat pineals of different ages. Machado CR, et al.
Endocrinology 85:846-8, Nov 69

Growth of the endocrine organs of female hamsters blinded at 25 days of age. Reiter RJ.
Experientia 25:751-2, 1969

Metamorphosis and the pineal complex in the brook lamprey, Lampetra planeri. Eddy JM.
J Endocr 44:451-2, Jul 69

Preliminary observations on the reproductive effects of the pineal gland in blinded, anosmic male rats. Reiter RJ, et al. J Reprod Fertil 19:563-5, Aug 69

Effect of endocrines on central nervous system. II. Relkin R.
New York J Med 69:2248-65, 15 Aug 69 (279 ref.)

PHYSIOPATHOLOGY

[Correlation between intracranial calcifications and diagnostic tests for toxoplasmosis] Kolář J, et al.
Cesk Radiol 23:145-53, Jul 69 (Cze)

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HYPOTHALAMUS

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Pharmacological alteration of hyper-reactivity in rats with septal and hypothalamic lesions. Beattie CW, et al. **Int J Neuropharmacol 8:365-71, Jul 69**

PINEALOMA

Pinealoma metastasizing within the central nervous system. Enger E. **J Oslo City Hosp 19:62-7, Apr 69**

[Clinical aspects of hypothalamic diseases in childhood] Suzuki Y, et al.
Advances Neurol Sci (Tokyo) 12:987-99, Dec 68 (Jap)

CEREBROSPINAL FLUID

Cytopathology of the cerebrospinal fluid examined with the sedimentation technique after Sayk. Hartog Jager WA den. **J Neurol Sci 9:155-77, Jul-Aug 69**

COMPLICATIONS

Pinealoma metastasizing within the central nervous system. Enger E. **J Oslo City Hosp 19:62-7, Apr 69**

[Reflections on a case of tumor of the pineal region] Schmitt J, et al.
Rev Otoneuroophtal 41:18-25, Jan-Feb 69 (Fre)

DIAGNOSIS

[Reflections on a case of tumor of the pineal region] Schmitt J, et al.
Rev Otoneuroophtal 41:18-25, Jan-Feb 69 (Fre)

RADIOTHERAPY

Roentgen sensitivity of cerebral tumours and so-called late irradiation necrosis of the brain. Zülch KJ. **Acta Radiol [Ther] (Stockholm) 8:92-110, Feb-Apr 69**

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Endocr Jap 16:171-7, Feb 69

Facilitatory and inhibitory influences on the pituitary-adrenal system: a study with chlorpromazine. Bohus B, et al.
Rass Neurol Veg 21:71-83, 30 Apr 67

[Microstructure of the median eminence, with special reference to its relation to ACTH] Sano Y, et al.
Jap J Clin Med 27:1326-32, May 69 (42 ref.) (Jap)

[Feedback mechanism of ACTH secretion] Takebe K, et al. **Jap J Clin Med 27:1379-89, May 69 (Jap)**

[Mechanism of ACTH secretion in the pituitary gland] Ito S, et al. **Saishin Igaku 24:986-8, May 69 (Jap)**

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Clin Endocr (Tokyo) 17:274-84, Apr 69 (134 ref.) (Jap)

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Saishin Igaku 24:876-83, Apr 69 (Jap)

ISOLATION & PURIFICATION

Properties of the corticotrophin-releasing factor of the rat median eminence. Chan LT, et al.
Endocrinology 85:644-51, Oct 69

METABOLISM

Brain monoamines and adrenocortical activation. De Schaepdryver A, et al.
Brit J Pharmacol 35:460-7, Mar 69

Evidence for a diurnal rhythm of corticotropin-releasing factor (CRF) in the hypothalamus. David-Nelson MA, et al.
Endocrinology 85:861-6, Nov 69

[CRF (corticotropin-releasing factor)] Hiroshige T, et al. **Jap J Clin Med 27:1364-73, May 69 (Jap)**

PHARMACODYNAMICS

Possible interaction of luteinizing hormone-releasing factor with other hypothalamic releasing factors at the level of the adenohypophysis. Crighton DB, et al.
J Endocr 44:405-10, Jul 69

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Hypothalamic control of ACTH release from ectopic pituitary glands. Sirett NE, et al.
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Proc West Pharmacol Soc 11:22, 1968

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Pineal gland, melatonin synthesis, and testicular development in the rat. Tait GR, et al.
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Cyclic adenosine monophosphate: stimulation of melatonin and serotonin synthesis in cultured rat pineals. Shein HM, et al. **Science 166:519-20, 24 Oct 69**

CEREBROSPINAL FLUID

Studies on the relation of melatonin to sleep. Barchas J.
Proc West Pharmacol Soc 11:22, 1968

METABOLISM

5-hydroxytryptamine metabolism in early embryogenesis, and the development of brain and retinal tissues. A review. Baker PC, et al.
Brain Res 12:273-95, Feb 69 (85 ref.)

PHARMACODYNAMICS

Role of cyclic AMP in mediating the effects of MSH, norepinephrine, and melatonin on frog skin color. Abe K, et al. **Endocrinology 85:674-82, Oct 69**

Effects of chronic melatonin and saline injections on pituitary adrenal secretion. Barchas J, et al.
Experientia 25:413-4, 15 Apr 69

Effect of melatonin on mammalian hair color. Clive D, et al. **J Invest Derm 53:159-62, Aug 69**

Melatonin and its precursors' effects on 131-I uptake by the thyroid gland under different photic conditions. De Prospo ND, et al. **Life Sci 8:837-42, 1 Aug 69**

Incorporation of 14C-tryptophan into 14C-protein by cultured rat pineals: stimulation by l-norepinephrine. Wurtman RJ, et al.
Proc Nat Acad Sci USA 62:749-55, Mar 69

Studies on the relation of melatonin to sleep. Barchas J.
Proc West Pharmacol Soc 11:22, 1968

Hair color, molt, and testis size in male, short-tailed weasels treated with melatonin. Rust CC, et al.
Science 165:921-2, 29 Aug 69

[Endocrinologic research] Bettendorf G.
Arch Gynaek 207:383-9, 1969 (Ger)

PHYSIOLOGY

Role of cyclic AMP in mediating the effects of MSH, norepinephrine, and melatonin on frog skin color. Abe K, et al. **Endocrinology 85:674-82, Oct 69**

Ultrastructure of amphibian melanophores after light-dark adaptation and hormonal treatment. Wise GE. **J Ultrastruct Res 27:472-85, Jun 69**

Cutaneous neurohormones. Bamshad J.
Missouri Med 66:740-1, Sep 69

PITUITARY HORMONE RELEASING FACTORS

The uptake of (6,7-3H) 17beta-oestradiol by tissues of the domestic fowl during an ovulation cycle. Hawkins RA, et al. **Acta Endocr (Kobenhavn) 60:210-5, Feb 69**

Partial somatotrophin insufficiency in Cushing's syndrome. Strauch G, et al.
Acta Endocr (Kobenhavn) 60:121-9, Jan 69

The regulation of ACTH secretion. Smelik PG.
Acta Physiol Pharmacol Neerl 15:123-35, Jun 69

Regulation of LH secretion in the rat. Van Rees GP.
Acta Physiol Pharmacol Neerl 15:136-40, Jun 69

Granular localization of corticotropin-releasing activity in horse hypophysial stalk homogenate. Ishii S, et al.
Endocr Jap 16:171-7, Feb 69

Influence of pituitary stalk section on growth hormone, insulin and TSH secretion in women with metastatc breast cancer. Antony GJ, et al.
J Clin Endocr 29:1238-50, Sep 69

Arginine induced growth hormone release after clomiphene treatment. Fiedler AJ, et al.
J Clin Endocr 29:1110-3, Aug 69

Circadian rhythmicity in photoperiodically induced gonadotrophin release and gonadal growth in the quail. Follett BK, et al.
Nature (London) 223:968-71, 30 Aug 69

[Role of the hypothalamo-hypophyseal region in milk secretion] Delecour M, et al.
Rev Franc Gynec Obstet 62:227-32, Apr-May 67 (Fre)

[Fluorescence microscopy studies on the

hypothalamus of male rats following treatment with an active anti-androgenic substance] Meinhardt DW, et al. **Experientia 25:643, 15 Jun 69 (Ger)**
[Electron microscopic study of releasing factors] Kobayashi T, et al.
Saishin Igaku 24:966-71, May 69 (Jap)

ANALYSIS

[Measurement of releasing factors] Ito S, et al. **Clin Endocr (Tokyo) 17:274-84, Apr 69 (134 ref.) (Jap)**
[Study of the hypothalamic follicle-stimulating hormone-releasing factor] Ebara Y.
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[Study of the hypothalamic luteinizing hormone-releasing factor] Mayuzumi R.
J Jap Obstet Gynec Soc 21:371-80, Apr 69 (Jap)
[Peptides in the brain] Nakajima T.
Protein (Tokyo) 14:279-86, Mar 69 (115 ref.) (Jap)
[Dynamics of the hypothalamus releasing factors during the process of maturation] Kobayashi T, et al.
Saishin Igaku 24:1007-12, May 69 (Jap)
[Concentration of the hypothalamic factor, stimulating hypophyseal secretion of the luteinizing hormone] Basova GG, et al.
Probl Endokr (Moskva) 14:78-82, May-Jun 68 (Rus)

BLOOD

Anterior and posterior groups of portal vessels in the avian pituitary. Dominic CJ, et al.
Gen Comp Endocr 13:22-6, Aug 69

ISOLATION & PURIFICATION

Stimulation of LH release in men and women by LH-releasing hormone purified from porcine hypothalami. Kastin AJ, et al.
J Clin Endocr 29:1046-50, Aug 69

PHARMACODYNAMICS

Effect of biogenic amines, FSH-releasing factor (FRF) and other substances on the release of FSH by pituitaries incubated in vitro. Kamberi IA, et al.
Endocrinology 85:815-24, Nov 69
Stimulation of LH release in men and women by LH-releasing hormone purified from porcine hypothalami. Kastin AJ, et al.
J Clin Endocr 29:1046-50, Aug 69
Possible interaction of luteinizing hormone-releasing factor with other hypothalamic releasing factors at the level of the adenohypophysis. Crighton DB, et al.
J Endocr 44:405-10, Jul 69
Hormonal stimulation of lactose synthetase in mammary carcinoma. McGuire WL.
Science 165:1013-4, 5 Sep 69
[Concentration of the hypothalamic factor, stimulating hypophyseal secretion of the luteinizing hormone] Basova GG, et al.
Probl Endokr (Moskva) 14:78-82, May-Jun 68 (Rus)

PHYSIOLOGY

[Study on physiological action of LH-RF (luteinizing hormone releasing factor) using rats with continuous estrus] Ichikawa H.
J Jap Obstet Gynec Soc 21:245-54, Mar 69 (Jap)

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[Study of the hypothalamic follicle-stimulating hormone-releasing factor] Ebara Y.
J Jap Obstet Gynec Soc 21:381-90, Apr 69 (Jap)

THYROTROPIN RELEASING FACTOR

Isolation and properties of porcine thyrotropin-releasing hormone. Schally AV, et al.
J Biol Chem 244:4077-88, 10 Aug 69
[Synthetic polypeptide derivatives with thyrotropin releasing factor hypophysiotropic activity] Burgus R, et al.
C R Acad Sci [D] (Paris) 268:2116-8, 21 Apr 69 (Fre)
[Factors regulating TSH secretion] Tsuji S, et al.
Saishin Igaku 24:976-82, May 69 (Jap)

ANALYSIS

Isolation and properties of porcine thyrotropin-releasing hormone. Schally AV, et al.
J Biol Chem 244:4077-88, 10 Aug 69
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Clin Endocr (Tokyo) 17:274-84, Apr 69 (134 ref.) (Jap)
[Neuroendocrine mechanism in the control of TSH secretion. 3. TRF determination in vitro] Tsuji S, et al.
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ISOLATION & PURIFICATION

Isolation and properties of porcine thyrotropin-releasing hormone. Schally AV, et al.
J Biol Chem 244:4077-88, 10 Aug 69

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Isolation and properties of porcine thyrotropin-releasing hormone. Schally AV, et al.
J Biol Chem 244:4077-88, 10 Aug 69

PHYSIOLOGY

Relationships between blood thyrotrophin level, protein bound iodine and free thyroxine concentration in man under normal physiological conditions. Lemarchand-Béraud T, et al.
Acta Endocr (Kobenhavn) 60:315-26, Feb 69

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ADENOSINE CYCLIC 3',5'-PHOSPHATE

Adenosine 3',5' monophosphate as an inhibitor of ovulation and reproduction. Ryan WL, et al. **Amer J Obstet Gynec 105:121-3, 1 Sep 69**

The fructose 1,6-diphosphatase of Dictyostelium discoideum. Baumann P, et al. **Biochemistry (Wash) 8:1655-9, Apr 69**

Characterization of rat heart myosin. II. Enzymatic properties. McCarl RL, et al. **Biochemistry (Wash) 8:3659-64, Sep 69**

Metabolic control and structure of glycolytic enzymes. VI. Competitive inhibition of yeast glyceraldehyde 3-phosphate dehydrogenase by cyclic adenosine monophosphate, adenosine triphosphate, and other adenine-containing compounds. Yang ST, et al. **Biochemistry (Wash) 8:2806-13, Jul 69**

Metabolic control and structure of glycolytic enzymes. VII. Destabilization and inactivation of yeast glyceraldehyde 3-phosphate dehydrogenase by adenosine phosphates and chymotrypsin. Yang ST, et al. **Biochemistry (Wash) 8:2814-20, Jul 69**

Cyclic phosphodiesterase having 3'-nucleotidase activity from Bacillus subtilis. Purification and some properties of the enzyme. Shimada K, et al. **Biochim Biophys Acta 185:367-80, 1969**

Enthalpy of hydrolysis of the 3' bond of adenosine 3',5'-monophosphate and guanosine 3',5'-monophosphate. Greengard P, et al. **J Biol Chem 244:4798-800, 10 Sep 69**

Studies on the kinetic mechanism and allosteric nature of bovine brain hexokinase. Ning J, et al. **J Biol Chem 244:3840-6, 25 Jul 69**

Adenyl cyclase and hormone action. I. Effects of adrenocorticotropic hormone, glucagon, and epinephrine on the plasma membrane of rat fat cells. Bär HP, et al. **Proc Nat Acad Sci USA 63:350-6, Jun 69**

On the mechanism of action of adrenocorticotropic hormone: the binding of cyclic-3',5'-adenosine monophosphate to an adrenal cortical protein. Gill GN, et al. **Proc Nat Acad Sci USA 63:512-9, Jun 69**

[Effects of cyclic 3', 5'-AMP and theophylline on the smooth muscle and heart preparation] Ozawa H, et al. **Folia Pharmacol Jap 65:17-27, 20 Mar 69 (Jap)**

[Nucleolytic enzymes in analytics] Filipowicz B. **Postepy Biochem 15:175-92, Apr 69 (79 ref.) (Pol)**

[Localization of specific nucleases and their role in nucleic acid metabolism] Sierakowska H. **Postepy Biochem 15:193-213, Apr 69 (107 ref.) (Pol)**

ANALYSIS

Effect of epinephrine on glucose metabolism in Novikoff ascites hepatoma cells. Nigam VN. **Acta Endocr (Kobenhavn) 61:209-18, Jun 69**

Determination of enzymatically produced adenosine 3',5'-monophosphate. Straub M. **Biochim Biophys Acta 184:649-50, 2 Sep 69**

Role of cyclic AMP in mediating the effects of MSH, norepinephrine, and melatonin on frog skin color. Abe K, et al. **Endocrinology 85:674-82, Oct 69**

Bioassay of parathyroid hormone in vitro with a stable preparation of adenyl cyclase from rat kidney. Marcus R, et al. **Endocrinology 85:801-10, Nov 69**

Enzyme histochemistry and hormones of the developing gastrointestinal tract of the chick embryo. I. A histochemical and quantitative study of glycogen, uridine diphosphate glucose-glycogen transglucosylase, glucose-6-phosphatase and phosphorylase. Baxter-Grillo DL. **Histochemie 19:31-43, 1969**

A method for determination of 3',5'-cyclic adenosine monophosphate based on adenosine triphosphate formation. Kaneko T, et al. **J Lab Clin Med 74:682-90, Oct 69**

BIOSYNTHESIS

Stimulation of 3',5'-cyclic AMP formation in dog myocardium following arrest of blood flow. Wollenberger A, et al. **Biochem Biophys Res Commun 36:664-70, 15 Aug 69**

[Hormonal influences on the formation of cyclic adenosine 3'-5'-monophosphate in the rat kidney] Schultz G. **Naunyn Schmiedeberg Arch Pharm 263:250-1, 1969 (Ger)**

BLOOD

Metabolism of cyclic adenosine 3',5'-monophosphate-8-14C by isolated, perfused rat liver. Levine RA, et al. **J Biol Chem 244:4017-22, 10 Aug 69**

ISOLATION & PURIFICATION

Adenosine-3',5'-phosphate: identification as acrasin in a species of cellular slime mold. Barkley DS. **Science 165:1133-4, 12 Sep 69**

METABOLISM

Quantitative studies on the lipolytic response of human subcutaneous and omental adipose tissue to noradrenaline and theophylline. Carlson LA, et al. **Acta Med Scand 185:465-9, Jun 69**

Adenyl cyclase activity in particles from fat cells. Vaughan M, et al. **Biochemistry (Wash) 8:3092-9, Jul 69**

Organ culture of fetal rat pancreas. I. Insulin release induced by caffeine and by sugars and some derivatives. Lambert AE, et al. **Biochim Biophys Acta 184:529-39, 2 Sep 69**

Effects of chemical and enzymatic modifications of glucagon on its activation of hepatic adenyl cyclase. Spiegel AM, et al. **Endocrinology 85:638-43, Oct 69**

Liver 3':5'-nucleotide phosphodiesterase and its activity in rat livers perfused with insulin. Menahan LA, et al. **Europ J Biochem 8:435-43, Apr 69**

A possible role for cyclic AMP in gibberellic acid triggered release of alpha-amylase in barley endosperm slices. Duffus CM, et al. **Experientia 25:581, 15 Jun 69**

Studies on the activation of phosphorylase in skeletal muscle by contraction and by epinephrine. Drummond GI, et al. **J Biol Chem 244:4235-40, 10 Aug 69**

Control of gluconeogenesis in liver. IV. Differential effects of fatty acids and glucagon on ketogenesis and gluconeogenesis in the perfused rat liver. Exton JH, et al. **J Biol Chem 244:4095-102, 10 Aug 69**

Cyclic guanosine 3',5'-monophosphate in mammalian tissues and urine. Goldberg ND, et al. **J Biol Chem 244:4458-66, 25 Aug 69**

Metabolism of cyclic adenosine 3',5'-monophosphate-8-14C by isolated, perfused rat liver. Levine RA, et al. **J Biol Chem 244:4017-22, 10 Aug 69**

Cyclic 3',5'-nucleotide phosphodiesterase in brain. Breckenridge BM, et al.
J Histochem Cytochem 17:505-11, Aug 69
Inhibitory effects of alloxan on mammalian adenyl cyclase. Cohen KL, et al.
J Pharmacol Exp Ther 169:80-6, Sep 69
The effects of theophylline, diazoxide and imidazole on isoproterenol-induced inhibition of the rabbit ileum. Wilkenfeld BE, et al.
J Pharmacol Exp Ther 169:61-7, Sep 69
Lipolytic action of serotonin in brown adipose tissue in vitro. Yoshimura K, et al.
Jap J Physiol 19:176-86, 15 Apr 69
Role of adrenergic receptors in glucose-induced insulin secretion in man. Cerasi E, et al.
Lancet 2:301-2, 9 Aug 69
Reduced adenosine 3',5'-monophosphate phosphodiesterase activity in the pancreas and adipose tissue of spontaneously diabetic mice. Kupiecki FP. Life Sci 8:645-9, 15 Jun 69
Bacteriophage sigma factor for RNA polymerase. Travers AA. Nature (London) 223:1107-10, 13 Sep 69
[Natriuretic and hydrosmotic responses to theophylline in Rana esculenta after adaptation to low temperature] Ripoche P, et al.
J Physiol (Paris) 60:Suppl 2:377, 1968 (Fre)
[Symposium on problems in the clinical pharmacology of coronary dilators. Introduction] Holtz P.
Naunyn Schmiedeberg Arch Pharm 263:121-7, 1969 (Ger)
[On the mechanism of the cardiac effects of 2-bromo-LSD] Pöch G, et al.
Naunyn Schmiedeberg Arch Pharm 263:244-5, 1969 (Ger)
[Observation on the action mechanism of ACTH] Imura H, et al. Jap J Clin Med 27:1425-9, May 69 (Jap)
[Current views on the mechanism of cellular action of antidiuretic hormone (review of the literature)] Natochin IuV.
Probl Endokr (Moskva) 14:118-26, Jul-Aug 68 (123 ref.) (Rus)

PHARMACODYNAMICS

Effect of neurohypophyseal hormones and their mechanism of action on gall-bladder water transport. Cremaschi D, et al. Arch Int Physiol 76:813-22, Dec 68
A cyclic AMP--stimulated protein kinase in adipose tissue. Corbin JD, et al.
Biochem Biophys Res Commun 36:328-36, 23 Jul 69
Interferon and cyclic-3'5'-adenosine monophosphate: potentiation of antiviral activity. Friedman RM, et al.
Biochem Biophys Res Commun 36:735-40, 22 Aug 69
The subcellular distribution of 32P-labelled phospholipids, 32P-labelled ribonucleic acid and 125I-labelled odoprotein in pig thyroid slices. Effect in vitro of thyrotrophic hormone and dibutyryl-3',5'-(cyclic)-adeosine onophosphate. Kerkof PR, et al. Biochem J 112:729-39, May 69
Studies on the mechanism of induction of tyrosine aminotransferase in neonatal rat liver. Holt PG, et al.
Biochemistry (Wash) 8:1429-37, Apr 69
Studies on the action of insulin in isolated adipose tissue cells. II. 3',5'-Nucleotide phosphodiesterase and antilipolysis. Hepp KD, et al.
Biochim Biophys Acta 184:554-65, 2 Sep 69
Persistence of the steroidogenic effect of adenosin-3',5'-monophosphate in vitro: evidence for a third factor during the steroidogenic effect of ACTH. Farese RV, et al. Endocrinology 85:867-74, Nov 69
Similarities between effects of adenosine 3',5'-monophosphate and guanosine 3' 5'-monophosphate on liver and adrenal metabolism. Glinsmann WH, et al. Endocrinology 85:711-9, Oct 69
Effect of cyclic 3',5'-AMP on glucose metabolism in thyroid homogenates. Macchia V, et al.
Endocrinology 85:895-8, Nov 69
The effect of luteinizing hormone and adenosine 3',5'-monophosphate on progesterone biosynthesis by bovine granulosa cells in culture. Cirillo VJ, et al.
Exp Cell Res 57:139-42, Sep 69
The involvement of cyclic 3',5'-adenosine monophosphate in the growth hormone release mechanism (s). Müller EE, et al.
Experientia 25:750-1, 1969
The beta adrenergic receptor and cyclic 3',5'-adenosine monophosphate: possible roles in the regulation of melanophore responses of the spadefoot toad, Scaphiopus couchi. Goldman JM, et al.
Gen Comp Endocr 13:151-63, Aug 69
Identification of adenosine-3',5'-monophosphate as the bacterial attractant for myxamoebae of Dictyostelium discoideum. Konijn TM, et al. J Bact 99:510-2, Aug 69
Induction of hepatic enzymes by adenosine 3',5'-monophosphate in organ culture. Wicks WD.
J Biol Chem 244:3941-50, 25 Jul 69
Potentiation of the anticalorigenic action of the adrenergic beta-receptor antagonist MJ 1999 by cyclic 3',5'-AMP. Estler CJ, et al. Life Sci 8:759-64, 1 Jul 69
Cyclic AMP regulates catabolite and transient repression in E. coli. Perlman RL, et al.
Nature (London) 223:810-2, 23 Aug 69
The stimulatory effect of cyclic adenosine 3'5'-monophosphate on DNA-directed synthesis of beta-galactosidase in a cell-free system. Chambers DA, et al. Proc Nat Acad Sci USA 63:118-22, May 69
3',5'-cyclic AMP and the adrenal desmolase system. Cohen MP, et al.
Proc Soc Exp Biol Med 131:1267-70, Sep 69
Cyclic guanosine monophosphate: effects on short-circuit current and water permeability. Bourgoignie J, et al. Science 165:1362-3, 26 Sep 69
Cyclic adenosine monophosphate: stimulation of melatonin and serotonin synthesis in cultured rat pineals. Shein HM, et al. Science 166:519-20, 24 Oct 69
Cyclic adenosine monophosphate: possible mediator for norepinephrine effects on cerebellar Purkinje cells. Siggins GR, et al. Science 165:1018-20, 5 Sep 69
[Role of 3'-5'-monophosphate cyclic adenosine in the liberation of pituitary TSH] Cehovic G.
C R Acad Sci [D] (Paris) 268:2929-31, 16 Jun 69 (Fre)
[Effect of ouabain and cyclic A.M.P. on the catecholamine output of the isolated adrenal gland] Poyart CF, et al.
J Physiol (Paris) 60:Suppl 2:523, 1968 (Fre)
[Interaction of ouabain and lipolytic drugs] Vulliemoz Y, et al. J Physiol (Paris) 60:Suppl 2:569, 1968 (Fre)

PHYSIOLOGY

Polypeptide hormones. Behrens OK, et al.
Ann Rev Biochem 38:83-112, 1969 (231 ref.)
Studies on the secretion of pancreatic glucagon. Chesney TM, et al. Diabetes 18:627-32, Sep 69
Role of cyclic AMP in mediating the effects of MSH, norepinephrine, and melatonin on frog skin color. Abe K, et al. Endocrinology 85:674-82, Oct 69
2-Thiophenecarboxylic acid: a hypoglycemic, antilipolytic agent with hypocalcemic and hypophosphatemic effects in rats. Lloyd W, et al.
Endocrinology 85:763-8, Oct 69
Effect of cyclic 3',5'-AMP on glucose metabolism in thyroid homogenates. Macchia V, et al.
Endocrinology 85:895-8, Nov 69
The beta adrenergic receptor and cyclic 3',5'-adenosine monophosphate: possible roles in the regulation of melanophore responses of the spadefoot toad, Scaphiopus couchi. Goldman JM, et al.
Gen Comp Endocr 13:151-63, Aug 69
The fine structure of brown adipose tissue. 3. The effect of cold exposure and its mediation in newborn rats. Suter ER. Lab Invest 21:259-68, Sep 69
[Effect of ACTH (synthetic) and 3',5'-AMP on cholesterol transformation in the adrenocortical mitochondria of cattle] Matsuba M.
Jap J Clin Med 27:1429-33, May 69 (Jap)

ADENYL CYCLASE

Determination of enzymatically produced adenosine 3',5'-monophosphate. Straub M.
Biochim Biophys Acta 184:649-50, 2 Sep 69
The structure of heparin: interaction of heparin with basic dyes by visible spectrometry. Yen TF, et al.
Biochim Biophys Acta 184:646-8, 2 Sep 69
Adenyl cyclase and hormone action. I. Effects of adrenocorticotropic hormone, glucagon, and epinephrine on the plasma membrane of rat fat cells. Bär HP, et al. Proc Nat Acad Sci USA 63:350-6, Jun 69

ANALYSIS

Bioassay of parathyroid hormone in vitro with a stable preparation of adenyl cyclase from rat kidney. Marcus R, et al. Endocrinology 85:801-10, Nov 69
ACTH sensitive adenyl cyclase in bovine adrenal cortex membrane fractions. Hechter O, et al.
Life Sci 8:935-42, 1 Sep 69

APPENDIX

ISOLATION & PURIFICATION

Isolation of adenyl cyclase from Escherichia coli. Tao M, et al. Proc Nat Acad Sci USA 63:86-92, May 69

METABOLISM

The development of hormone sensitivity by the adenyl cyclase of the tadpole erythrocyte. Rosen OM, et al. Arch Biochem 133:171-7, Aug 69

Glucagon and epinephrine stimulation of adenyl cyclase in isolated rat liver plasma membranes. Marinetti GV, et al. Biochem Biophys Res Commun 36:185-93, 23 Jul 69

Stimulation of 3',5'-cyclic AMP formation in dog myocardium following arrest of blood flow. Wollenberger A, et al. Biochem Biophys Res Commun 36:664-70, 15 Aug 69

Adenyl cyclase activity in particles from fat cells. Vaughan M, et al. Biochemistry (Wash) 8:3092-9, Jul 69

Organ culture of fetal rat pancreas. II. Insulin release induced by amino and organic acids, by hormonal peptides, by cationic alterations of the medium and by other agents. Lambert AE, et al. Biochim Biophys Acta 184:540-53, 2 Sep 69

Role of cyclic AMP in mediating the effects of MSH, norepinephrine, and melatonin on frog skin color. Abe K, et al. Endocrinology 85:674-82, Oct 69

Effects of chemical and enzymatic modifications of glucagon on its activation of hepatic adenyl cyclase. Spiegel AM, et al. Endocrinology 85:638-43, Oct 69

Inhibitory effects of alloxan on mammalian adenyl cyclase. Cohen KL, et al. J Pharmacol Exp Ther 169:80-6, Sep 69

Role of adrenergic receptors in glucose-induced insulin secretion in man. Cerasi E, et al. Lancet 2:301-2, 9 Aug 69

[Symposium on problems in the clinical pharmacology of coronary dilators. Introduction] Holtz P. Naunyn Schmiedeberg Arch Pharm 263:121-7, 1969 (Ger)

[Hormonal influences on the formation of cyclic adenosine 3'-5'-monophosphate in the rat kidney] Schultz G. Naunyn Schmiedeberg Arch Pharm 263:250-1, 1969 (Ger)

[Effect of ACTH (synthetic) and 3',5'-AMP on cholesterol transformation in the adrenocortical mitochondria of cattle] Matsuba M. Jap J Clin Med 27:1429-33, May 69 (Jap)

PHYSIOLOGY

Polypeptide hormones. Behrens OK, et al. Ann Rev Biochem 38:83-112, 1969 (231 ref.)

The fine structure of brown adipose tissue. 3. The effect of cold exposure and its mediation in newborn rats. Suter ER. Lab Invest 21:259-68, Sep 69

[Recent data concerning the control of insulin secretion] Tchobroutsky G. Rev Franc Endocr Clin 10:237-42, May-Jun 69 (Fre)

HORMONES, ECTOPIC

SECRETION

Catecholamine-secreting paraganglioma of glomus-jugulare region resembling pheochromocytoma. Levit SA, et al. New Eng J Med 281:805-11, 9 Oct 69

[New endocrine disorders attracting current interest--female gonadal system] Tojo S. Clin Endocr (Tokyo) 17:422-6, May 69 (Jap)

[Erythropoietin secreting tumor] Takahisa F. Jap J Clin Med 27:1718-9, Jun 69 (Jap)

[Interesting case of heterotopic ACTH syndrome caused by cancer of the large intestine] Miura K, et al. Saishin Igaku 24:943-52 Apr 69 (Jap)

Peptide-secreting tumorus with special reference to the pancreas. Sircus, W. Gut 10:506-15, Jul 69 (66 ref)

[Case of Cushing's syndrome caused by pancreatic tumor] Ogawa M, et al. Clin Endocr (Toyko) 17:448-52, May 69 (Jap)

Saishin Igaku 24:943-52, Apr 69 (Jap)

[Comparative evaluation of colpocyto-hormonal and clinico histological data in patients with uterine myoma] Lesakova AS, et al. Akush Ginek (Moskva) 43:41-6, Apr 67 (Rus)

PROSTAGLANDINS

ADMINISTRATION & DOSAGE

Cutaneous vascular reactions to prostaglandins in healthy subjects and in patients with urticaria and atopic dermatitis. Juhlin L, et al. Acta Dermatovener (Stockholm) 49:251-61, 1969

ANALYSIS

Prostaglandins in human seminal fluid and their correlation to fertility. Bygdeman M. Int J Fertil 14:228-31, Jul-Sep 69

[Role of prostaglandins in the pathogenesis of hypertension] Nekrasova AA, et al. Kardiologiia 9:86-93, Jun 69 (Rus)

BIOSYNTHESIS

[Chemical and biological aspects of the mechanism of action of mixed functional oxygenases] Nover L. Pharmazie 24:361-78, Jul 69 (215 ref.) (Ger)

[Role of prostaglandins in the pathogenesis of hypertension] Nekrasova AA, et al. Kardiologiia 9:86-93, Jun 69 (Rus)

BLOOD

A vasodepressor lipid resembling prostaglandin E2 (PGE2) in the renal venous blood of hypertensive patients. Edwards WG Jr, et al. J Lab Clin Med 74:389-99, Sep 69

CHEMICAL SYNTHESIS

Stereo-controlled synthesis of prostaglandins F-2a and E-2 (dl). Corey EJ, et al. J Amer Chem Soc 91:5675-7, 24 Sep 69

A synthesis of prostaglandin F1-alpha and related substances. Just G, et al. J Amer Chem Soc 91:5364-71, 10 Sep 69

The synthesis of prostaglandin E1 and related substances. Schneider WP, et al. J Amer Chem Soc 91:5372-8, 10 Sep 69

Smooth muscle activity of RAC.-7-oxaprostaglandin F1alpha and related substances. Ford SH, et al. Life Sci 8:983-7, 1 Sep 69

ISOLATION & PURIFICATION

A vasodepressor lipid resembling prostaglandin E2 (PGE2) in the renal venous blood of hypertensive patients. Edwards WG Jr, et al. J Lab Clin Med 74:389-99, Sep 69

[Occurrence of prostaglandin E1 in the mucous membrane layer of swine large intestine. Miyazaki Y. Sapporo Med J 34:321-34, Nov 68

APPENDIX

METABOLISM

Structures of urinary metabolites of prostaglandin F2alpha in the rat. Green K.
Acta Chem Scand 23:1453-5, 1969

Selective passage of prostaglandins across the lung. McGiff JC, et al. Nature (London) 223:742-5, 16 Aug 69

PHARMACODYNAMICS

Cutaneous vascular reactions to prostaglandins in healthy subjects and in patients with urticaria and atopic dermatitis. Juhlin L, et al.
Acta Dermatovener (Stockholm) 49:251-61, 1969

Influence of prostaglandin E1 on the terminal vascular bed. Weiner R, et al. Amer J Physiol 217:563-6, Aug 69

Studies on the mechanism of induction of tyrosine aminotransferase in neonatal rat liver. Holt PG, et al.
Biochemistry (Wash) 8:1429-37, Apr 69

Microcirculatory effects of prostaglandins. Viguera MG, et al. Canad J Physiol Pharmacol 47:627-34, Jul 69

Prostaglandin-induced serotonin release. Thompson

Inhibition of gastric acid secretion in the rat by synthetic prostaglandins. Lippmann W.
J Pharm Pharmacol 21:335-6, May 69

Prostaglandin e1 action on canine isolated tracheal muscle. Türker RK, et al.
J Pharm Pharmacol 21:498-501, Aug 69

Smooth muscle activity of RAC.-7-oxaprostaglandin F1alpha and related substances. Ford SH, et al.
Life Sci 8:983-7, 1 Sep 69

Selective passage of prostaglandins across the lung. McGiff JC, et al. Nature (London) 223:742-5, 16 Aug 69

[Effect of prostaglandin E 1 on respiration of rat cerebral cortex slices] Rigon-Macri P, et al.
Boll Soc Ital Biol Sper 44:1461-3, 30 Sep 68 (Ita)

[Effects of prostaglandin E1 on the cardiovascular system] Suzuki T, et al.
Folia Pharmacol Jap 65:1-6, 20 Mar 69 (Jap)

PHYSIOLOGY

[Prostaglandins and their role in the female genitalia] Jeske W. Ginek Pol 40:935-8, Aug 69 (Pol)

SECRETION

Peptide-secreting tumours with special reference to the pancreas. Sircus W. Gut 10:506-15, Jul 69 (66 ref.)

URINE

Structures of urinary metabolites of prostaglandin F2alpha in the rat. Green K.
Acta Chem Scand 23:1453-5, 1969

REVIEW SECTION

REVIEW SECTION

ADDISON'S DISEASE

[Special studies on endocrine diseases--Addison's disease] Motohashi K.
Clin Endocr (Tokyo) 17:539-41, Jun 69 (16 ref.) (Jap)

ADRENAL CORTEX HORMONES

Interaction of adrenal and gonadal steroids with proteins in human plasma. Rosner W.
New Eng J Med 281:658-65, 18 Sep 69 (28 ref.)

ANALYSIS

[Advances and problems in corticoid measurement] Nakao K, et al.
Clin Endocr (Tokyo) 17:285-92, Apr 69 (79 ref.) (Jap)

BIOSYNTHESIS

[Inborn errors of hormone synthesis] Imura H, et al.
Saishin Igaku 24:1176-86, Jun 69 (65 ref.) (Jap)

ADRENAL GLAND DISEASES

[New endocrine disorders attracting current interest--adrenal system] Miura K, et al.
Clin Endocr (Tokyo) 17:407-21, May 69 (130 ref.) (Jap)

ADRENAL GLAND HYPERFUNCTION

PHYSIOPATHOLOGY

Effect of endocrines on central nervous system. I. Reikin R.
New York J Med 69:2133-45, 1 Aug 69 (109 ref.)

ADRENAL GLAND HYPOFUNCTION

PHYSIOPATHOLOGY

Effect of endocrines on central nervous system. I. Reikin R.
New York J Med 69:2133-45, 1 Aug 69 (109 ref.)

ADRENAL GLANDS

DRUG EFFECTS

[Biochemical and physiological effects of a food additive: di-tertiary-butyl-hydroxytoluene (BHT)] Pascal G, et al.
Ann Nutr (Paris) 23:Suppl:15-62, 1969 (73 ref.) (Fre)

ALDOSTERONE

ANALYSIS

[Advances and problems in aldosterone measurement] Katsushima I, et al.
Clin Endocr (Tokyo) 17:293-9, Apr 69 (31 ref.) (Jap)

PHARMACODYNAMICS

[Recent findings on the mechanism of action of aldosterone and diuretics] Losert W, et al.
Arzneimittelforschung 19:709-19, May 69 (89 ref.) (Ger)

AMYGDALOID BODY

PHYSIOLOGY

"Aggression" -- biophysiological aspects. Kermani EJ.
Dis Nerv Syst 30:407-14, Jun 69 (84 ref.)

ANDROGENS

PHYSIOLOGY

Recent studies on androgenic function in human subjects. Ismail AA, et al.
J Obstet Gynaec Brit Comm 75:929-40, Sep 68 (78 ref.)

[Sexual differentiation of the hypothalamus (review of the literature)] Babichev VN.
Probl Endokr (Moskva) 15:120-4, May-Jun 69 (48 ref.) (Rus)

[Early steroid regulation of sexual differentiation of the brain (review of the literature)] Vunder PA.
Probl Endokr (Moskva) 15:114-20, May-Jun 69 (53 ref.) (Rus)

BONE AND BONES

ANALYSIS

Quantification of fat, muscle and bone in man. Malina RM. Clin Orthop 65:9-38, Jul-Aug 69 (177 ref.)

GROWTH & DEVELOPMENT

The effect of environment on skeletal tissue in culture. Fell HB.
Embryologia (Nagoya) 10:181-205, Feb 69 (27 ref.)

PHYSIOPATHOLOGY

Mineral dynamics during hibernation and chronic immobility: a review. Bruce DS, et al.
Aerospace Med 40:855-61, Aug 69 (101 ref.)

CALCIUM

METABOLISM

Polypeptide hormones and calcium metabolism. Aurbach GD, et al.
Ann Intern Med 70:1243-65, Jun 69 (60 ref.)

[Calcium and the digestive tract. 2. Effect of gastrointestinal diseases on calcium absorption] Kocián J.
Cesk Gastroent Vyz 23:269-79, Sep 69 (102 ref.) (Cze)

[The mechanism of action of cardiac glycosides] Schatzmann HJ.
Naunyn Schmiedeberg Arch Pharm 263:12-23, 1969 (126 ref.) (Ger)

[Hormones regulating the calcium-phosphorus equilibrium: parathormon and thyrocalcitonin] Langer-Gawin D.
Wiad Lek 22:1201-5, 1 Jul 69 (20 ref.) (Pol)

PHARMACODYNAMICS

[Action mechanism of cardiotonics, with special reference to relationship between cardiac glycosides and electrolytes] Saito H, et al.
Jap J Clin Med 27:1202-7, Apr 69 (59 ref.) (Jap)

PHYSIOLOGY

Calcium ion and muscle contraction. Ebashi S, et al.
Progr Biophys 18:123-83, 1968 (280 ref.)
[Role of the calcium pump of the sarcoplasmic reticulum in the relaization of the cardiac systole and diastole] Meerson FZ, et al.
Kardiologiia 9:144-53, Apr 69 (36 ref.) (Rus)

CHORIOCARCINOMA

DRUG THERAPY

[Development of chemotherapy of chorionic tumors] Ishizuka N, et al.
Jap J Clin Med 27:1610-7, Jun 69 (41 ref.) (Jap)

CONTRACEPTIVES, ORAL

Oral contraceptives. Lahiri BC.
J Indian Med Ass 52:38-40, 1 Jan 69 (50 ref.)

ADVERSE EFFECTS

[Contraceptive pills and neoplasms of the breast, uterus and ovaries] Haddad J.
Rev Ass Med Brasil 15:43-50, Jan 69 (57 ref.) (Por)

CORTICOTROPIN

ANALYSIS

[Advances and problems of ACTH measurement] Idemura H, et al.
Clin Endocr (Tokyo) 17:245-52, Apr 69 (53 ref.) (Jap)

BLOOD

[On serum ACTH] Imura H, et al.
Jap J Clin Med 27:1407-21, May 69 (61 ref.) (Jap)

PHARMACODYNAMICS

Hormones and cholesterol ester metabolism. Schweppe JS, et al. J Amer Geriat Soc 17:740-54, Aug 69 (67 ref.)

SECRETION

[Microstructure of the median eminence, with special reference to its relation to ACTH] Sano Y, et al.
Jap J Clin Med 27:1326-32, May 69 (42 ref.) (Jap)

THERAPEUTIC USE

Relation of laboratory evaluation to clinical effectiveness of antiepileptic drugs. Millichap JG.
Epilepsia (Amst) 10:315-28, Jun 69 (43 ref.)

CRYPTORCHISM

DRUG THERAPY

[Current state and prerequisites for improvement of hormone therapy in cryptorchism (review of the literature)] Iunda IF, et al.
Probl Endokr (Moskva) 15:112-6, Mar-Apr 69 (113 ref.) (Rus)

ENDOCRINE DISEASES

[New endocrine disorders attracting current interest--female gonadal system] Tojo S.
Clin Endocr (Tokyo) 17:422-6, May 69 (Jap)

COMPLICATIONS

[Aspect of hormones and hypertension] Torikai T.
J Jap Soc Intern Med 58:579-92, 10 Jul 69 (29 ref.) (Jap)

FAMILIAL & GENETIC

[Inborn errors of hormone synthesis] Imura H, et al.
Saishin Igaku 24:1176-86, Jun 69 (65 ref.) (Jap)

SURGERY

Some recent advances in endocrine surgery. Egdahl RH. Amer J Surg 118:363-7, Sep 69 (33 ref.)

ENDOCRINE GLANDS

EMBRYOLOGY

Development of endocrine function in the human placenta and fetus (second of two parts). Villee DB.
New Eng J Med 281:533-41, 4 Sep 69 (63 ref.)

PHYSIOLOGY

Effect of endocrines on central nervous system. II. Relkin R.
New York J Med 69:2248-65, 15 Aug 69 (279 ref.)
[The blood-brain barrier problem in endocrinology] Kassil' GN.
Probl Endokr (Moskva) 13:116-20, May-Jun 67 (18 ref.) (Rus)

ENDOCRINOLOGY

Practically applicable results of twenty years of research in endocrinology. Tausk M.
Fortschr Arzneimittelforsch 12:137-64, 1968 (130 ref.)

ESTRADIOL

Interaction of adrenal and gonadal steroids with proteins in human plasma. Rosner W.
New Eng J Med 281:658-65, 18 Sep 69 (28 ref.)

PHARMACODYNAMICS

Hormones and cholesterol ester metabolism. Schweppe JS, et al. J Amer Geriat Soc 17:740-54, Aug 69 (67 ref.)

ESTRIOL

BIOSYNTHESIS

[Estriol as a function of the feto-placentar unity. I. Biosynthesis, excretion and metabolism of estriol in normal course of pregnancy] Vizzone A, et al.
Quad Clin Ostet Ginec 22:633-53, Sep 67 (111 ref.) (Ita)

METABOLISM

[Estriol as a function of the feto-placentar unity. I. Biosynthesis, excretion and metabolism of estriol in normal course of pregnancy] Vizzone A, et al.
Quad Clin Ostet Ginec 22:633-53, Sep 67 (111 ref.) (Ita)

ESTROGENS

ANALYSIS

[Advances and problems in estrogen measurement] Kambegawa A.
Clin Endocr (Tokyo) 17:300-9, Apr 69 (75 ref.) (Jap)

METABOLISM

[Estrogenic hormones and the red cell] Lachowicz L.
Ginek Pol 40:571-8, May 69 (33 ref.) (Pol)

THERAPEUTIC USE

[Hormonal treatment of the menopause] Soiva K.
Duodecim 85:360-4, 1969 (14 ref.) (Fin)

FSH

ANALYSIS

[Advances and problems in FSH and LH measurement] Igarashi M, et al.
Clin Endocr (Tokyo) 17:227-37, Apr 69 (95 ref.) (Jap)

GLUCOCORTICOIDS

THERAPEUTIC USE

[Eye drops containing antibiotics and corticosteroids. Review of literature] Renovanz HD, et al.
Med Welt 18:1084-90, 3 May 69 (60 ref.) (Ger)

GOITER

[Recent studies on goiter in Spain] Sánchez Martin JA.
Munchen Med Wschr 111:1416-20, 20 Jun 69 (39 ref.) (Ger)

ETIOLOGY

Dietary iodine and goiter in Ceylon.
Nutr Rev 27:108-10, Apr 69 (7 ref.)
[Recent contributions on simple goiter in Spain]
Sánchez Martín JA.
Rev Clin Esp 113:517-22, 30 Jun 69 (39 ref.) (Spa)

GOITER, EXOPHTHALMIC

ETIOLOGY

Mechanisms of Graves' disease and endocrine exophthalmos. Anderson DR.
Amer J Ophthal 68:46-57, Jul 69 (131 ref.)

GONADS

PHYSIOLOGY

[Early steroid regulation of sexual differentiation of the brain (review of the literature)] Vunder PA.
Probl Endokr (Moskva) 15:114-20, May-Jun 69 (53 ref.) (Rus)

GRAAFIAN FOLLICLE

[The central stimuli for follicular ripening and ovulation] Buchholz R.
Arch Gynaek 207:107-23, 1969 (132 ref.) (Ger)

GRANULOSA CELL TUMOR

[Tumors of the granulosa. Review of the literature and presentation of 7 cases] Audet-Lapointe P, et al.
Un Med Canada 96:975-1000, Aug 67 (74 ref.) (Fre)

HERMAPHRODITISM

Experimental reversal of germ cells. Turner CD.
Embryologia (Nagoya) 10:206-30, Feb 69 (23 ref.)

HORMONES

CHEMICAL SYNTHESIS

Chemical synthesis of peptides. Katsoyannis P, et al.
Ann Rev Biochem 38:881-912, 1969 (198 ref.)

ISOLATION & PURIFICATION

Isolation techniques for pharmacologically active substances (animal). Temple DM.
Ann Rev Pharmacol 9:407-18, 1969 (165 ref.)

METABOLISM

Effects of some pesticides and related compounds on steroid function and metabolism. Kupfer D.
Residue Rev 19:11-30, 1967 (96 ref.)

PHYSIOLOGY

[Role of hormones in magnesium metabolism] Blahos J.
Sem Hop Paris 45:1895-900, 8 Jun 69 (71 ref.) (Fre)

THERAPEUTIC USE

[Current state and prerequisites for improvement of hormone therapy in cryptorchism (review of the literature)] Iunda IF, et al.
Probl Endokr (Moskva) 15:112-6, Mar-Apr 69 (113 ref.) (Rus)

HYDROCORTISONE

METABOLISM

Influence of chlorinated hydrocarbons and organophosphate insecticides on metabolism of steroids. Kupfer D.
Ann NY Acad Sci 160:244-53, 1969 (27 ref.)

HYPERALDOSTERONISM

DIAGNOSIS

[The role of renin in the pathophysiology and diagnosis, excluding pregnancy and its complications] Kokot F, et al. Ginek Pol 40:579-85, May 69 (27 ref.) (Pol)

HYPERCALCEMIA

COMPLICATIONS

Hypercalcemic crisis in acute leukemia. Benvenisti DS, et al. Amer J Med 46:976-84, Jun 69 (30 ref.)

ETIOLOGY

Haemodialysis and tertiary hyperparathyrodism: renal homotransplantation and tubular dysfunction. Doak PB, et al. Aust Ann Med 18:138-42, May 69 (22 ref.)

HYPERPARATHYROIDISM

COMPLICATIONS

Haemodialysis and tertiary hyperparathyrodism: renal homotransplantation and tubular dysfunction. Doak PB, et al. Aust Ann Med 18:138-42, May 69 (22 ref.)

HYPERTHYROIDISM

METABOLISM

[Activity and metabolism of catecholamines in hyperthyroidism (review of the literature)] Geller LI.
Probl Endokr (Moskva) 15:108-11, Mar-Apr 69 (115 ref.) (Rus)

HYPOPARATHYROIDISM

[Hypoparathyroidism in childhood] Fanconi A.
Ergebn Inn Med Kinderheilk 28:54-119, 1969 (306 ref.) (Ger)

HYPOTHALAMO-HYPOPHYSEAL SYSTEM

CYTOLOGY

[Microstructure of the median eminence, with special reference to its relation to ACTH] Sano Y, et al.
Jap J Clin Med 27:1326-32, May 69 (42 ref.) (Jap)

PHYSIOLOGY

[The central stimuli for follicular ripening and ovulation] Buchholz R.
Arch Gynaek 207:107-23, 1969 (132 ref.) (Ger)
[Early steroid regulation of sexual differentiation of the brain (review of the literature)] Vunder PA.
Probl Endokr (Moskva) 15:114-20, May-Jun 69 (53 ref.) (Rus)

HYPOTHALAMUS

GROWTH & DEVELOPMENT

[Sexual differentiation of the hypothalamus (review of the literature)] Babichev VN.
Probl Endokr (Moskva) 15:120-4, May-Jun 69 (48 ref.) (Rus)

PHYSIOLOGY

"Aggression" -- biophysiological aspects. Kermani EJ.
Dis Nerv Syst 30:407-14, Jun 69 (84 ref.)
[Hypothalamo-gastric relationships] Martin MS, et al.
Path Biol (Paris) 16:1099-113, Dec 68 (98 ref.) (Fre)

IODINE

Dietary iodine and goiter in Ceylon.
Nutr Rev 27:108-10, Apr 69 (7 ref.)

LH

ANALYSIS

[Advances and problems in FSH and LH measurement] Igarashi M, et al.
Clin Endocr (Tokyo) 17:227-37, Apr 69 (95 ref.) (Jap)

MINERALOCORTICOIDS

ANTAGONISTS & INHIBITORS

[Steroid spirolactones--antagonists of

mineralocorticoids] Linèt O.
Cesk Farm 18:218-26, Jun 69 (184 ref.) (Cze)

OSTEOPETROSIS

FAMILIAL & GENETIC

A review of inherited osteopetrosis in the mouse. Man and other mammals also considered. Murphy HM.
Clin Orthop 65:97-109, Jul-Aug 69 (72 ref.)

OSTEOPOROSIS

ETIOLOGY

[Diffuse osteoclastosis in various forms of osteoporosis: a working hypothesis] De Portugal Alvarez J, et al.
Rev Clin Esp 110:127-36, 31 Jul 68 (52 ref.) (Spa)

OVARIAN NEOPLASMS

[Tumors of the granulosa. Review of the literature and presentation of 7 cases] Audet-Lapointe P, et al.
Un Med Canada 96:975-1000, Aug 67 (74 ref.) (Fre)

CHEMICALLY INDUCED

[Contraceptive pills and neoplasms of the breast, uterus and ovaries] Haddad J.
Rev Ass Med Brasil 15:43-50, Jan 69 (57 ref.) (Por)

OVULATION

[The central stimuli for follicular ripening and ovulation] Buchholz R.
Arch Gynaek 207:107-23, 1969 (132 ref.) (Ger)
[Principles of the ovulation phenomenon] Iizuka R, et al. Sanfujin Jissai 18:294-300, Apr 69 (42 ref.) (Jap)
[Endocrinological consideration of ovulation] Tojo S, et al. Sanfujin Jissai 18:285-93, Apr 69 (46 ref.) (Jap)

PARATHYROID HORMONE

Polypeptide hormones. Behrens OK, et al.
Ann Rev Biochem 38:83-112, 1969 (231 ref.)
[Hormones regulating the calcium-phosphorus equilibrium: parathormon and thyrocalcitonin] Langer-Gawin D.
Wiad Lek 22:1201-5, 1 Jul 69 (20 ref.) (Pol)

ANALYSIS

[Advances and problems in the determination of parathyroid hormone and thyrocalcitonin] Orimo H.
Clin Endocr (Tokyo) 17:325-41, Apr 69 (70 ref.) (Jap)

PHYSIOLOGY

Polypeptide hormones and calcium metabolism. Aurbach GD, et al.
Ann Intern Med 70:1243-65, Jun 69 (60 ref.)

PITUITARY DISEASES

[New endocrine disorders attracting current interest--posterior pituitary gland and syndrome of excessive secretion of vasopressin (ADH)] Saito T.
Clin Endocr (Tokyo) 17:389-94, May 69 (47 ref.) (Jap)

METABOLISM

[New endocrine disorders attracting current interest--anterior pituitary gland] Matsuzaki F.
Clin Endocr (Tokyo) 17:383-8, May 69 (26 ref.) (Jap)

PITUITARY GLAND

CYTOLOGY

[Electron microscopic findings of the general structure and secretory mechanism of the anterior pituitary cells] Kurosumi K.
Clin Endocr (Tokyo) 17:471-81, Jun 69 (22 ref.) (Jap)
[Relationship between ultrastructure and function of the anterior pituitary gland in birds] Mikami S.
Clin Endocr (Tokyo) 17:502-11, Jun 69 (28 ref.) (Jap)
[Functional classification and postnatal development of the anterior pituitary cells in mice] Yamashita K.
Clin Endocr (Tokyo) 17:482-91, Jun 69 (42 ref.) (Jap)

GROWTH & DEVELOPMENT

[Functional classification and postnatal development of the anterior pituitary cells in mice] Yamashita K.
Clin Endocr (Tokyo) 17:482-91, Jun 69 (42 ref.) (Jap)

PHYSIOLOGY

[Relationship between ultrastructure and function of the anterior pituitary gland in birds] Mikami S.
Clin Endocr (Tokyo) 17:502-11, Jun 69 (28 ref.) (Jap)

SECRETION

[Electron microscopic findings of the general structure and secretory mechanism of the anterior pituitary cells] Kurosumi K.
Clin Endocr (Tokyo) 17:471-81, Jun 69 (22 ref.) (Jap)

PITUITARY GLAND IRRADIATION

[Destruction of the hypophysis by interstitial irradiation (review of the literature)] Liass FM.
Vop Neirokhir 33:52-6, Mar-Apr 69 (37 ref.) (Rus)

PITUITARY GLAND, POSTERIOR

[New endocrine disorders attracting current interest--posterior pituitary gland and syndrome of excessive secretion of vasopressin (ADH)] Saito T.
Clin Endocr (Tokyo) 17:389-94, May 69 (47 ref.) (Jap)

PITUITARY HORMONE RELEASING FACTORS

ANALYSIS

[Measurement of releasing factors] Ito S, et al.
Clin Endocr (Tokyo) 17:274-84, Apr 69 (134 ref.) (Jap)

PITUITARY HORMONES, ANTERIOR

[Nipiopharmacology of the anterior hypophysis hormones] Falorni A.
Minerva Nipiol 17:295-324, Nov-Dec 67 (403 ref.) (Ita)

BIOSYNTHESIS

[Inborn errors of hormone synthesis] Imura H, et al.
Saishin Igaku 24:1176-86, Jun 69 (65 ref.) (Jap)

PITUITARY HORMONES, POSTERIOR

[Nipiopharmacology of thyroid hormones, thyreotrope hormone, hormones of the neuro-hypophisis and serotonin] Cao A.
Minerva Nipiol 17:238-94, Nov-Dec 67 (999 ref.) (Ita)

PLACENTA

METABOLISM

Development of endocrine function in the human placenta and fetus (second of two parts). Villee DB.
New Eng J Med 281:533-41, 4 Sep 69 (63 ref.)
Human placental lactogen (HPL): the review of a protein hormone important to obstetrics and gynecology. Spellacy WN.
Southern Med J 62:1054-7, Sep 69
[Estriol as a function of the feto-placentar unity. I. Biosynthesis, excretion and metabolism of estriol in normal course of pregnancy] Vizzone A, et al.
Quad Clin Ostet Ginec 22:633-53, Sep 67 (111 ref.) (Ita)

PHYSIOLOGY

Placental function tests: a review of tests showing promise but not yet established. Fort AT.
Southern Med J 62:1080-4, Sep 69 (20 ref.)

PLACENTAL HORMONES

Human placental lactogen (HPL): the review of a protein hormone important to obstetrics and gynecology. Spellacy WN.
Southern Med J 62:1054-7, Sep 69

PROGESTERONE

BLOOD

[Advances and problems in quantitative measurement of progesterone in the blood] Tokuda G, et al. Clin Endocr (Tokyo) 17:317-24, Apr 69 (36 ref.) (Jap)

RENIN

C. The renin-angiotensin system. A history and review of the renin-angiotensin system. Peart WS. Proc Roy Soc [Biol] 173:317-25, 1 Jul 69 (41 ref.)

BLOOD

[Significance of renin in physiopathology and diagnosis] Kokot F. Z Ges Inn Med 24:193-7, 1 Apr 69 (48 ref.) (Ger)

[Advances and problems in the determination of the renin activity of the blood] Otsuka K. Clin Endocr (Tokyo) 17:357-60, Apr 69 (23 ref.) (Jap)

[Studies on renin in normal pregnancy] Kokot F, et al. Ginek Pol 40:711-8, Jun 69 (30 ref.) (Pol)

PHYSIOLOGY

[The role of renin in the pathophysiology and diagnosis, excluding pregnancy and its complications] Kokot F, et al. Ginek Pol 40:579-85, May 69 (27 ref.) (Pol)

SECRETION

[Structure and function of the juxtaglomerular apparatus of the kidney under normal conditions] Cain H, et al. Deutsch Med Wschr 94:2173-80, 17 Oct 69 (88 ref.) (Ger)

SEX CHROMATIN

[Nuclear sex] Saldanha PH. Rev Paul Med 71:243-56, Nov 67 (122 ref.) (Por)

[Some problems of present condition of rapid diagnosis of disorders of the sex chromosome system (review of the literature)] Rezina SN, et al. Lab Delo 5:259-64, 1968 (15 ref.) (Rus)

SEX CHROMOSOME ABNORMALITIES

COMPLICATIONS

Abnormal sex chromosomes and mental disorders. Polani PE. Nature (London) 223:680-6, 16 Aug 69 (98 ref.)

DIAGNOSIS

[Some problems of present condition of rapid diagnosis of disorders of the sex chromosome system (review of the literature)] Rezina SN, et al. Lab Delo 5:259-64, 1968 (15 ref.) (Rus)

SEX DETERMINATION

Experimental reversal of germ cells. Turner CD. Embryologia (Nagoya) 10:206-30, Feb 69 (23 ref.)

SOMATOTROPIN

ANALYSIS

[Advances and problems of hormone measurement: growth hormone (GH)] Imura H, et al. Clin Endocr (Tokyo) 17:261-9, Apr 69 (53 ref.) (Jap)

BLOOD

[Evaluation of some radioimmunologic methods of determination of growth hormone in blood serum (literature review)] Balaboikin MI. Lab Delo 6:329-33, 1969 (23 ref.) (Rus)

SECRETION

The hormonal response to physical exercise. Sutton JR, et al. Aust Ann Med 18:84-90, May 69 (48 ref.)

SPIRONOLACTONE

PHARMACODYNAMICS

[Steroid spirolactones--antagonists of mineralocorticoids] Linèt O. Cesk Farm 18:218-26, Jun 69 (184 ref.) (Cze)

STEROIDS

ANALYSIS

[Principle of electron capture detection in gas-liquid chromatography and application to the determination of steroids] Drosdowsky MA. Rev Franc Etud Clin Biol 14:420-7, Apr 69 (35 ref.) (Fre)

PHARMACODYNAMICS

[Steroid spirolactones--antagonists of mineralocorticoids] Linèt O. Cesk Farm 18:218-26, Jun 69 (184 ref.) (Cze)

[Drug review. Narcostics] Richter J, et al. Pharm Prax 7:145-8, 1969 (49 ref.) (Ger)

[Nipiopharmacology of steroid hormones] Macciotta A. Minerva Nipiol 17:204-38, Nov-Dec 67 (746 ref.) (Ita)

TESTOSTERONE

Interaction of adrenal and gonadal steroids with proteins in human plasma. Rosner W. New Eng J Med 281:658-65, 18 Sep 69 (28 ref.)

ADVERSE EFFECTS

[On the necessity of limiting the indications for the use of testosterone in the hormonal treatment of women] Teter J. Pol Tyg Lek 24:1185-7, Aug 69 (18 ref.) (Pol)

BLOOD

Recent studies on androgenic function in human subjects. Ismail AA, et al. J Obstet Gynaec Brit Comm 75:929-40, Sep 68 (78 ref.)

PHARMACODYNAMICS

Hormones and cholesterol ester metabolism. Schweppe JS, et al. J Amer Geriat Soc 17:740-54, Aug 69 (67 ref.)

URINE

Recent studies on androgenic function in human subjects. Ismail AA, et al. J Obstet Gynaec Brit Comm 75:929-40, Sep 68 (78 ref.)

[Testosterone in the urine of women] Drobnjak P. Lijecn Vjesn 90:881-4, Sep 68 (Cro)

THYROCALCITONIN

Polypeptide hormones. Behrens OK, et al. Ann Rev Biochem 38:83-112, 1969 (231 ref.)

[Hormones regulating the calcium-phosphorus equilibrium: parathormon and thyrocalcitonin] Langer-Gawin D. Wiad Lek 22:1201-5, 1 Jul 69 (20 ref.) (Pol)

[Thyrocalcitonin--a hypocalcemic hormone of te thyrod gland (review of the literature)] Orlov AF. Probl Endokr (Moskva) 15:109-17, Jan-Feb 69 (76 ref.) (Rus)

ANALYSIS

[Advances and problems in the determination of parathyroid hormone and thyrocalcitonin] Orimo H. Clin Endocr (Tokyo) 17:325-41, Apr 69 (70 ref.) (Jap)

PHYSIOLOGY

Polypeptide hormones and calcium metabolism. Aurbach GD, et al. Ann Intern Med 70:1243-65, Jun 69 (60 ref.)

SECRETION

[Disturbances of thyrocalcitonin secretion in clinical practice] Araszkiewicz Z. Pol Arch Med Wewnet 42:955-63, Jun 69 (Pol)

THYROID DISEASES

FAMILIAL & GENETIC

The genetics of thyroid disease. Fraser GR.
Progr Med Genet 6:89-115, 1969 (113 ref.)

SURGERY

[The thyroid gland and anesthesia] Simone M, et al.
Acta Anaesth (Padova) 19:Suppl 4:145+, 1968 (124 ref.) (Ita)

THYROID GLAND FUNCTION TESTS

Recent advances in the diagnosis of the diseases of the thyroid. Rall JE.
Clin Chim Acta 25:339-44, Aug 69 (16 ref.)

THYROID HORMONES

BIOSYNTHESIS

[Inborn errors of hormone synthesis] Imura H, et al.
Saishin Igaku 24:1176-86, Jun 69 (65 ref.) (Jap)

BLOOD

[Advances and problems in thyroid hormone measurement] Nagataki S.
Clin Endocr (Tokyo) 17:342-8, Apr 69 (41 ref.) (Jap)
[Progress in thyroid hormone determination] Nagataki S. Naika 24:73-9, Jul 69 (19 ref.) (Jap)

PHARMACODYNAMICS

[Nipiopharmacology of thyroid hormones, thyreotrope hormone, hormones of the neuro-hypophisis and serotonin] Cao A.
Minerva Nipiol 17:238-94, Nov-Dec 67 (999 ref.) (Ita)

THYROID NEOPLASMS

THERAPY

[Therapy of thyroid carcinoma] Holsti LR.
Duodecim 85:385-92, 1969 (21 ref.) (Fin)

THYROIDECTOMY

[The thyroid gland and anesthesia] Simone M, et al.
Acta Anaesth (Padova) 19:Suppl 4:145+, 1968 (124 ref.) (Ita)

THYROIDITIS, LYMPHOMATOUS

[Hashimoto's disease] Suzuki H.
Clin Endocr (Tokyo) 17:457-61, May 69 (24 ref.) (Jap)

IMMUNOLOGY

Auto-immunity and Hashimoto's thyroiditis. Chatterjee SN.
J Indian Med Ass 52:64-7, 16 Jan 69 (26 ref.)

THYROTROPIN

ANALYSIS

[Advances and problems in TSH measurement] Miyai K, et al.
Clin Endocr (Tokyo) 17:253-60, Apr 69 (41 ref.) (Jap)

SECRETION

[Nipiopharmacology of thyroid hormones, thyreotrope hormone, hormones of the neuro-hypophisis and serotonin] Cao A.
Minerva Nipiol 17:238-94, Nov-Dec 67 (999 ref.) (Ita)

THYROXINE

BLOOD

Recent advances in the diagnosis of the diseases of the thyroid. Rall JE.
Clin Chim Acta 25:339-44, Aug 69 (16 ref.)

PHARMACODYNAMICS

Hormones and cholesterol ester metabolism. Schweppe JS, et al. J Amer Geriat Soc 17:740-54, Aug 69 (67 ref.)

TRANSCORTIN

Interaction of adrenal and gonadal steroids with proteins in human plasma. Rosner W.
New Eng J Med 281:658-65, 18 Sep 69 (28 ref.)

TRIIODOTHYRONINE

BLOOD

Recent advances in the diagnosis of the diseases of the thyroid. Rall JE.
Clin Chim Acta 25:339-44, Aug 69 (16 ref.)

TURNER'S SYNDROME

Personality and intelligence in Turner's syndrome. A critical review. Garron DC, et al.
Arch Gen Psychiat (Chicago) 21:339-46, Sep 69 (58 ref.)

FAMILIAL & GENETIC

[Relation of chromosomal aberration and clinical signs in childhood] Harada Y.
J Kumamoto Med Soc 43:387-98, 25 May 69 (131 ref.) (Jap)

VASOPRESSIN

[Current views on the mechanism of cellular action of antidiuretic hormone (review of the literature)] Natochin IuV.
Probl Endokr (Moskva) 14:118-26, Jul-Aug 68 (123 ref.) (Rus)

ANALYSIS

[Advances and problem in measurement of hormones: anti-diuretic hormone (ADH)] Yoshida H.
Clin Endocr (Tokyo) 17:270-3, Apr 69 (32 ref.) (Jap)

SECRETION

[New endocrine disorders attracting current interest--posterior pituitary gland and syndrome of excessive secretion of vasopressin (ADH)] Saito T.
Clin Endocr (Tokyo) 17:389-94, May 69 (47 ref.) (Jap)
[Syndrome of inappropriate secretion of ADH (anti-diuretic hormone)] Yoshida S, et al.
Jap J Clin Med 27:1171-8, Apr 69 (43 ref.) (Jap)

VITAMIN D

METABOLISM

Recent advances in the metabolism and function of vitamin D. DeLuca HF. Fed Proc 28:1678-89, Sep-Oct 69
[The manner of transport of the fat-soluble vitamins] Le Gall JY.
Ann Nutr (Paris) 23:A27-38, 1969 (52 ref.) (Fre)

WATERHOUSE-FRIDERICHSEN SYNDROME

ETIOLOGY

Infection and the spleen: association between hyposplenism, pneumococcal sepsis and disseminated intravascular coagulation. Whitaker AN.
Med J Aust 1:1213-9, 14 Jun 69 (49 ref.)

METHOD SECTION

(See editorial note in front of issue)

This section is meant to be an alerting device for articles which describe: 1) new methods or techniques, 2) modifications of existing methods or 3) comparisons of different methods. For methods on a particular substance or for a specific type of method, see the subject index or the subject section (particularly the subheadings; analysis, blood, cerebrospinal fluid, chemical synthesis, isolation & purification, and urine).

AUTOANALYSIS

[Automated determination of hormonal iodine in the plasma: methodology, experimental study, clinical application] Jaffiol C, et al.
Rev Franc Endocr Clin 10:7-30, Jan-Feb 69 (Fre)
ADENOMA, blood/ ADULT/ AUTOANALYSIS/ BLOOD CHEMICAL ANALYSIS/ CHEMISTRY, CLINICAL/ CHOLANGIOGRAPHY/ CHOLECYSTOGRAPHY/ DIABETES MELLITUS, blood/ DIIODOTYROSINE, blood/ GOITER, EXOPHTHALMIC, blood/ HUMAN/ *IODINE, blood/ IODIPAMIDE, diagnostic use/ ION EXCHANGE RESINS/ KIDNEY DISEASES, blood/ LIVER DISEASES, blood/ METHODS/ MIDDLE AGE/ MYXEDEMA, blood/ SERUM ALBUMIN, RADIO-IODINATED/ *THYROID HORMONES, blood/ THYROID NEOPLASMS, blood/ THYROXINE, blood/ UROGRAPHY

BIOLOGICAL ASSAY

Bioassay of parathyroid hormone in vitro with a stable preparation of adenyl cyclase from rat kidney. Marcus R, et al. **Endocrinology 85:801-10, Nov 69**
*ADENINE NUCLEOTIDES, analysis/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, analysis/ ADENYL CYCLASE, analysis/ ANIMAL EXPERIMENTS/ *BIOLOGICAL ASSAY/ CATTLE/ CORTICOTROPIN, pharmacodynamics/ *ENZYMES, analysis/ EPINEPHRINE, pharmacodynamics/ GEL FILTRATION/ GLUCAGON, pharmacodynamics/ HISTONES, pharmacodynamics/ IN VITRO/ *KIDNEY, enzymology/ MALE/ METHODS/ MSH, pharmacodynamics/ *PARATHYROID HORMONE, pharmacodynamics/ PEPTIDES, pharmacodynamics/ PHOSPHORUS ISOTOPES/ PROTAMINES, pharmacodynamics/ RATS/ SOMATOTROPIN, pharmacodynamics/ STIMULATION, CHEMICAL/ THYROCALCITONIN, pharmacodynamics/ THYROTROPIN, pharmacodynamics/ THYROXINE, pharmacodynamics/ VASOPRESSIN, pharmacodynamics

A vasodepressor lipid resembling prostaglandin E2 (PGE2) in the renal venous blood of hypertensive patients. Edwards WG Jr, et al.
J Lab Clin Med 74:389-99, Sep 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CHROMATOGRAPHY, THIN LAYER/ HUMAN/ *HYPERTENSION, RENAL, blood/ KIDNEY FUNCTION TESTS/ *LIPIDS, blood/ LIPIDS, isolation & purification/ METHODS/ *PROSTAGLANDINS, blood/ PROSTAGLANDINS, isolation & purification/ RATS/ RENAL ARTERY OBSTRUCTION, blood/ RENAL VEINS/ SPECTRUM ANALYSIS/ *VASODILATOR AGENTS, blood/ VASODILATOR AGENTS, isolation & purification

A method for determination of 3',5'-cyclic adenosine monophosphate based on adenosine triphosphate formation. Kaneko T, et al.
J Lab Clin Med 74:682-90, Oct 69
*ADENINE NUCLEOTIDES, analysis/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, analysis/ *ADENOSINE TRIPHOSPHATE, biosynthesis/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BRAIN, enzymology/ BRAIN CHEMISTRY/ CARBON ISOTOPES/ CHROMATOGRAPHY/ CHROMATOGRAPHY, THIN LAYER/ DOGS/ GLUCOSEPHOSPHATE DEHYDROGENASE/ HEXOKINASE/ INDICATORS AND REAGENTS/ LIVER, analysis/ METHODS/ PHOSPHATASES/ PHOSPHOGLUCONATE DEHYDROGENASE/ PHOSPHOTRANSFERASES/ PYRUVATE KINASE/ RATS/ THYROID GLAND, analysis/ TISSUE EXTRACTS, analysis

A comparative study of the insulin content of islet tissue of various species using anti-insulin serum and the epididymal adipose tissue methods. Dixit PK, et al. **Proc Soc Exp Biol Med 131:1124-8, Sep 69**
ADIPOSE TISSUE/ ANIMAL EXPERIMENTS/ *BIOLOGICAL ASSAY/ BLOOD/ CATTLE/ COMPARATIVE STUDY/ CYTOPLASMIC GRANULES/ FISHES/ GUINEA PIGS/ *IMMUNOASSAY/ *INSULIN, analysis/ INSULIN ANTIBODIES/ IODINE ISOTOPES/ *ISLANDS OF LANGERHANS, analysis/ METHODS/ MITOCHONDRIA/ RATS

Improved method for measurement of renin activity in human plasma. Miura Y.
Tohoku J Exp Med 98:125-34, Jun 69
ANGIOTENSIN, blood/ ANGIOTENSIN AMIDE/ ANGIOTENSINASE, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BLOOD PRESSURE/ CHROMATOGRAPHY/ EDTA/ FEMALE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYPERALDOSTERONISM, blood/ HYPERTENSION, MALIGNANT, blood/ HYPERTENSION, RENAL, blood/ ISOFLUROPHATE/ MALE/ METHODS/ PENTOBARBITAL/ RATS/ *RENIN, blood

[Biologic determination of parathyroid hormone in 3-day-old rats] Garel JM.
C R Acad Sci [D] (Paris) 268:2932-3, 16 Jun 69 (Fre)
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ FEMALE/ HYPERCALCEMIA, chemically induced/ INJECTIONS, SUBCUTANEOUS/ METHODS/ *PARATHYROID HORMONE, analysis/ PREGNANCY/ RATS

[Advances and problems in the determination of the renin activity of the blood] Otsuka K.
Clin Endocr (Tokyo) 17:357-60, Apr 69 (23 ref.) (Jap)
ANGIOTENSINASE, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ METHODS/ RABBITS/ RADIOIMMUNOASSAY/ *RENIN, blood/ REVIEW

CHEMISTRY

Determination of enzymatically produced adenosine 3',5'-monophosphate. Straub M.
Biochim Biophys Acta 184:649-50, 2 Sep 69
*ADENINE NUCLEOTIDES, analysis/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, analysis/ ADENOSINE TRIPHOSPHATE/ ADENYL CYCLASE/ ANIMAL

EXPERIMENTS/ *BRAIN, enzymology/ CARBON ISOTOPES/ CHEMISTRY/ CHROMATOGRAPHY, PAPER/ DOGS/ ELECTROPHORESIS/ *ENZYMES/ METHODS/ RADIOAUTOGRAPHY/ TRITIUM/ ULTRAVIOLET RAYS

Natural occurrence of a new pyridine nucleotide consisting of nicotinamide adenine dinucleotide and adenosine diphosphate ribose joined through a ribosidic link. Imai T, et al.
J Biol Chem 244:4547-54, 10 Sep 69
*ADENINE NUCLEOTIDES, analysis/ ALCOHOL OXIDOREDUCTASES/ ALKALINE PHOSPHATASE/ *AZOTOBACTER, analysis/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ COENZYMES/ ELECTROPHORESIS/ FLUOROMETRY/ HYDROGEN-ION CONCENTRATION/ METHODS/ *NAD, analysis/ NUCLEOSIDASES/ NUCLEOTIDASES/ *NUCLEOTIDES, analysis/ NUCLEOTIDES, isolation & purification/ OPTICAL ROTATORY DISPERSION/ PHOSPHATASES/ *RIBOSE, analysis/ SACCHAROMYCES, enzymology/ SPECTROPHOTOMETRY/ ULTRAVIOLET RAYS/ VENOMS

[Automated determination of hormonal iodine in the plasma: methodology, experimental study, clinical application] Jaffiol C, et al.
Rev Franc Endocr Clin 10:7-30, Jan-Feb 69 (Fre)
ADENOMA, blood/ ADULT/ AUTOANALYSIS/ BLOOD CHEMICAL ANALYSIS/ CHEMISTRY, CLINICAL/ CHOLANGIOGRAPHY/ CHOLECYSTOGRAPHY/ DIABETES MELLITUS, blood/ DIIODOTYROSINE, blood/ GOITER, EXOPHTHALMIC, blood/ HUMAN/ *IODINE, blood/ IODIPAMIDE, diagnostic use/ ION EXCHANGE RESINS/ KIDNEY DISEASES, blood/ LIVER DISEASES, blood/ METHODS/ MIDDLE AGE/ MYXEDEMA, blood/ SERUM ALBUMIN, RADIO-IODINATED/ *THYROID HORMONES, blood/ THYROID NEOPLASMS, blood/ THYROXINE, blood/ UROGRAPHY

CHROMATOGRAPHY

Simplification of determination of serum thyroxine iodine by competitive binding analysis. Nusynowitz ML, et al. Amer J Roentgen 106:791-3, Aug 69
ADULT/ CHROMATOGRAPHY/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ HYPERTHYROIDISM, diagnosis/ HYPOPROTEINEMIA, diagnosis/ HYPOTHYROIDISM, diagnosis/ *IODINE, blood/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ METHODS/ PROTEIN BINDING/ PROTEIN-BOUND IODINE TEST/ *THYROID GLAND FUNCTION TESTS/ *THYROXINE, blood/ THYROXINE-BINDING PROTEIN

A method for determination of 3',5'-cyclic adenosine monophosphate based on adenosine triphosphate formation. Kaneko T, et al.
J Lab Clin Med 74:682-90, Oct 69
*ADENINE NUCLEOTIDES, analysis/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, analysis/ *ADENOSINE TRIPHOSPHATE, biosynthesis/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BRAIN, enzymology/ BRAIN CHEMISTRY/ CARBON ISOTOPES/ CHROMATOGRAPHY/ CHROMATOGRAPHY, THIN LAYER/ DOGS/ GLUCOSEPHOSPHATE DEHYDROGENASE/ HEXOKINASE/ INDICATORS AND REAGENTS/ LIVER, analysis/ METHODS/ PHOSPHATASES/ PHOSPHOGLUCONATE DEHYDROGENASE/ PHOSPHOTRANSFERASES/ PYRUVATE KINASE/ RATS/ THYROID GLAND, analysis/ TISSUE EXTRACTS, analysis

Automatic column chromatographic method for insect-moulting steroids. Hori M.
Steroids 14:33-46, Jul 69
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY/ ECDYSONE, analysis/ *INSECTS/ METHODS/ PLANT EXTRACTS/ PLANTS, analysis/ *STEROIDS, analysis

Improved method for measurement of renin activity in human plasma. Miura Y.
Tohoku J Exp Med 98:125-34, Jun 69
ANGIOTENSIN, blood/ ANGIOTENSIN AMIDE/ ANGIOTENSINASE, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BLOOD PRESSURE/ CHROMATOGRAPHY/ EDTA/ FEMALE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYPERALDOSTERONISM, blood/ HYPERTENSION, MALIGNANT, blood/ HYPERTENSION, RENAL, blood/ ISOFLUROPHATE/ MALE/ METHODS/ PENTOBARBITAL/ RATS/ *RENIN, blood

CHROMATOGRAPHY, GAS

Studies in plasma neutral steroid sulphates, urinary 11-deoxy-17-ketosteroids and estrogens, and plasma lipids in patients with hypercholesterolemia or hyperlipemia. Adlercreutz H, et al.
Ann Med Exp Biol Fenn 46:165-71, 1968
CHROMATOGRAPHY, GAS/ DEHYDROEPIANDROSTERONE, blood/ DEHYDROEPIANDROSTERONE, urine/ *ESTROGENS, urine/ FEMALE/ HUMAN/ *HYPERCHOLESTEREMIA, blood/ *HYPERCHOLESTEREMIA, urine/ *HYPERLIPEMIA, blood/ *HYPERLIPEMIA, urine/ *17-KETOSTEROIDS, urine/ *LIPIDS, blood/ MALE/ METHODS/ MIDDLE AGE/ SEX FACTORS/ *STEROIDS, blood/ SULFATES, blood

Position of the sulfate group in steroid sulfates from human plasma. Cronholm T. Steroids 14:285-96, Sep 69
*ANDROSTANES, blood/ CHROMATOGRAPHY, GAS/ ESTERS/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, blood/ MALE/ METHODS/ PREGNANES, blood/ SPECTRUM ANALYSIS/ STEROLS, blood/ *SULFATES, blood

[Principle of electron capture detection in gas-liquid chromatography and application to the determination of steroids] Drosdowsky MA.
Rev Franc Etud Clin Biol 14:420-7, Apr 69 (35 ref.) (Fre)
ACETATES, diagnostic use/ *CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ ELECTRODES/ *ELECTRONS/ ENGLISH ABSTRACT/ METHODS/ RADIOISOTOPES/ *RADIOMETRY/ RADIOMETRY, instrumentation/ REVIEW/ *STEROIDS, analysis/ STEROLS, analysis/ TESTOSTERONE, blood/ TESTOSTERONE, urine

[Determination of 4-iodothymol. V. Gas-liquid chromatography] Takino Y, et al.
J Pharm Soc Jap 89:84-7, Jan 69 (Jap)
ASCARIS/ *CHROMATOGRAPHY, GAS/ ENGLISH ABSTRACT/ *IODINE, analysis/ METHODS/ *THYMOL, analysis

CHROMATOGRAPHY, ION EXCHANGE

The iodotyrosine content of normal human serum. Wellby ML, et al. Biochem J 112:543-4, May 69
CHROMATOGRAPHY, ION EXCHANGE/ *DIIODOTYROSINE, blood/ HUMAN/ *HYPERTHYROIDISM, blood/ IODINE ISOTOPES/ IODOTYROSINE, blood/ METHODS/ RADIOISOTOPE DILUTION TECHNIC/ *THYROID HORMONES, blood/ *TYROSINE, blood

Estimation of adenine nucleotides in brain by enzymic and ion-exchange chromatographic methods. Wilson WS, et al. Biochem Pharmacol 18:1297-306, Jun 69
*ADENINE NUCLEOTIDES, analysis/ ADENOSINE TRIPHOSPHATASE/ AMINOHYDROLASES/ ANIMAL EXPERIMENTS/ *BRAIN CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ COMPARATIVE STUDY/ CREATINE KINASE/ FREEZE DRYING/ FREEZING/ LACTATE DEHYDROGENASE/ MALE/ METHODS/

MUSCLES/ PHOSPHOTRANSFERASES/ RATS/ SOLVENTS/ SPECTROPHOTOMETRY/ WATER

Natural occurrence of a new pyridine nucleotide consisting of nicotinamide adenine dinucleotide and adenosine diphosphate ribose joined through a ribosidic link. Imai T, et al.
J Biol Chem 244:4547-54, 10 Sep 69
*ADENINE NUCLEOTIDES, analysis/ ALCOHOL OXIDOREDUCTASES/ ALKALINE PHOSPHATASE/ *AZOTOBACTER, analysis/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ COENZYMES/ ELECTROPHORESIS/ FLUOROMETRY/ HYDROGEN-ION CONCENTRATION/ METHODS/ *NAD, analysis/ NUCLEOSIDASES/ NUCLEOTIDASES/ *NUCLEOTIDES, analysis/ NUCLEOTIDES, isolation & purification/ OPTICAL ROTATORY DISPERSION/ PHOSPHATASES/ *RIBOSE, analysis/ SACCHAROMYCES, enzymology/ SPECTROPHOTOMETRY/ ULTRAVIOLET RAYS/ VENOMS

CHROMATOGRAPHY, PAPER

Determination of enzymatically produced adenosine 3',5'-monophosphate. Straub M.
Biochim Biophys Acta 184:649-50, 2 Sep 69
*ADENINE NUCLEOTIDES, analysis/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, analysis/ ADENOSINE TRIPHOSPHATE/ ADENYL CYCLASE/ ANIMAL EXPERIMENTS/ *BRAIN, enzymology/ CARBON ISOTOPES/ CHEMISTRY/ CHROMATOGRAPHY, PAPER/ DOGS/ ELECTROPHORESIS/ *ENZYMES/ METHODS/ RADIOAUTOGRAPHY/ TRITIUM/ ULTRAVIOLET RAYS

Natural occurrence of a new pyridine nucleotide consisting of nicotinamide adenine dinucleotide and adenosine diphosphate ribose joined through a ribosidic link. Imai T, et al.
J Biol Chem 244:4547-54, 10 Sep 69
*ADENINE NUCLEOTIDES, analysis/ ALCOHOL OXIDOREDUCTASES/ ALKALINE PHOSPHATASE/ *AZOTOBACTER, analysis/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ COENZYMES/ ELECTROPHORESIS/ FLUOROMETRY/ HYDROGEN-ION CONCENTRATION/ METHODS/ *NAD, analysis/ NUCLEOSIDASES/ NUCLEOTIDASES/ *NUCLEOTIDES, analysis/ NUCLEOTIDES, isolation & purification/ OPTICAL ROTATORY DISPERSION/ PHOSPHATASES/ *RIBOSE, analysis/ SACCHAROMYCES, enzymology/ SPECTROPHOTOMETRY/ ULTRAVIOLET RAYS/ VENOMS

CHROMATOGRAPHY, THIN LAYER

Rapid resolution of flavin-adenine dinucleotide and its mononucleotides on cellulose layers using aqueous ammonium salts and formic acid. Harris AB.
Biochim Biophys Acta 184:467-9, 30 Jul 69
ACETATES/ *ADENINE NUCLEOTIDES, isolation & purification/ AMMONIUM COMPOUNDS/ CELLULOSE/ CHROMATOGRAPHY, THIN LAYER/ DRUG STABILITY/ *FAD, isolation & purification/ FLUORESCENCE/ *FMN, isolation & purification/ FORMATES/ FORMIC ACIDS/ GELS/ METHODS/ SILICA/ ULTRAVIOLET RAYS

A method for the determination of the molecular distribution of free and esterified cholesterol in serum by thin-layer chromatography. Beukers H, et al.
Clin Chim Acta 25:403-8, Sep 69
AMMONIUM COMPOUNDS/ *CHOLESTEROL, blood/ CHROMATOGRAPHY, THIN LAYER/ ESTERS, blood/ GELS/ HUMAN/ IRON/ MATHEMATICS/ METHODS/ SILICA

A vasodepressor lipid resembling prostaglandin E2 (PGE2) in the renal venous blood of hypertensive patients. Edwards WG Jr, et al.
J Lab Clin Med 74:389-99, Sep 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CHROMATOGRAPHY, THIN LAYER/ HUMAN/ *HYPERTENSION, RENAL, blood/ KIDNEY FUNCTION TESTS/ *LIPIDS, blood/ LIPIDS, isolation & purification/ METHODS/ *PROSTAGLANDINS, blood/ PROSTAGLANDINS, isolation & purification/ RATS/ RENAL ARTERY OBSTRUCTION, blood/ RENAL VEINS/ SPECTRUM ANALYSIS/ *VASODILATOR AGENTS, blood/ VASODILATOR AGENTS, isolation & purification

A method for determination of 3',5'-cyclic adenosine monophosphate based on adenosine triphosphate formation. Kaneko T, et al.
J Lab Clin Med 74:682-90, Oct 69
*ADENINE NUCLEOTIDES, analysis/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, analysis/ *ADENOSINE TRIPHOSPHATE, biosynthesis/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BRAIN, enzymology/ BRAIN CHEMISTRY/ CARBON ISOTOPES/ CHROMATOGRAPHY/ CHROMATOGRAPHY, THIN LAYER/ DOGS/ GLUCOSEPHOSPHATE DEHYDROGENASE/ HEXOKINASE/ INDICATORS AND REAGENTS/ LIVER, analysis/ METHODS/ PHOSPHATASES/ PHOSPHOGLUCONATE DEHYDROGENASE/ PHOSPHOTRANSFERASES/ PYRUVATE KINASE/ RATS/ THYROID GLAND, analysis/ TISSUE EXTRACTS, analysis

Determination of individual conjugated bile acids in human bile. Shioda R, et al.
J Lipid Res 10:546-54, Sep 69
*BILE, analysis/ *BILE ACIDS AND SALTS, analysis/ BILE ACIDS AND SALTS, biosynthesis/ CARBON ISOTOPES/ *CHOLESTEROL, analysis/ CHOLESTEROL, metabolism/ CHROMATOGRAPHY, THIN LAYER/ DIGITALIS GLYCOSIDES/ DUODENUM/ GELS/ GLYCINE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ LECITHINS, analysis/ METHODS/ METHYLATION/ *PHOSPHOLIPIDS, analysis/ SILICA/ SPECTROPHOTOMETRY/ STEROIDS, analysis/ TIME FACTORS/ ULTRAVIOLET RAYS

A competitive protein binding method for the measurement of plasma androstenedione. Rosenfield RL. Steroids 14:251-61, Sep 69
ADULT/ *ANDROSTANES, blood/ CHROMATOGRAPHY, THIN LAYER/ FEMALE/ HUMAN/ HYDROXYSTEROID DEHYDROGENASE, metabolism/ *17-KETOSTEROIDS, blood/ MALE/ METHODS/ PROTEIN BINDING/ *TESTOSTERONE, blood/ TRITIUM

[Principle of electron capture detection in gas-liquid chromatography and application to the determination of steroids] Drosdowsky MA.
Rev Franc Etud Clin Biol 14:420-7, Apr 69 (35 ref.) (Fre)
ACETATES, diagnostic use/ *CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ ELECTRODES/ *ELECTRONS/ ENGLISH ABSTRACT/ METHODS/ RADIOISOTOPES/ *RADIOMETRY/ RADIOMETRY, instrumentation/ REVIEW/ *STEROIDS, analysis/ STEROLS, analysis/ TESTOSTERONE, blood/ TESTOSTERONE, urine

[A reaction for the determination of testosterone in extracts of body fluids] Ittrich G.
Hoppe Seyler Z Physiol Chem 350:513-6, Apr 69 (Ger)
*ANDROSTANES, analysis/ *BODY FLUIDS, analysis/ CHROMATOGRAPHY, THIN LAYER/ ESTROGENS, analysis/ FLUOROMETRY/ GLUCOCORTICOIDS, analysis/ METHODS/ PREGNANES, analysis/ *TESTOSTERONE, analysis

[Serum cholesterol ester in the newborn and young infants] Spahn U, et al.
Z Kinderheilk 106:269-80, 1969 (Ger)
AGE FACTORS/ *CHOLESTEROL, blood/

CHROMATOGRAPHY, THIN LAYER/ ENGLISH ABSTRACT/ ESTERS, blood/ HUMAN/ HYPERBILIRUBINEMIA, blood/ INFANT/ *INFANT, NEWBORN/ INFANT NUTRITION/ INFANT, PREMATURE/ LINOLEIC ACID, blood/ LIPIDS, blood/ METHODS/ MILK, HUMAN/ OLEIC ACID, blood/ PALMITIC ACID, blood/ PHOSPHOLIPIDS, blood/ UMBILICAL CORD

[Development of methods for determination of steroids using impregnant thin layer chromatography] Yoshida T, et al. **Clin Endocr (Tokyo) 17:542-6, Jun 69 (Jap)**
ALCOHOL, METHYL/ *CHROMATOGRAPHY, THIN LAYER/ GLYCOLS/ METHODS/ SILICA/ *STEROIDS, isolation & purification

COLORIMETRY

A rapid and an accurate colorimetric microtechnic for the determination of total cholesterol in serum, whole blood or plasma, using Liebermann-Burchard reaction and without digitonin precipitation. Gupte RD. **Indian J Med Res 56:1771-6, Dec 68**
CHEMISTRY/ *CHOLESTEROL, blood/ *COLORIMETRY/ HUMAN/ METHODS

Simultaneous colorimetric determination of serum cholesterol, phospholipids and triglycerides. Torjescu V, et al. **Rom Med Rev 13:67-72, 1969**
*CHOLESTEROL, blood/ *COLORIMETRY/ HUMAN/ METHODS/ *PHOSPHOLIPIDS, blood/ *TRIGLYCERIDES, blood

COMPARATIVE STUDY

Simplification of determination of serum thyroxine iodine by competitive binding analysis. Nusynowitz ML, et al. **Amer J Roentgen 106:791-3, Aug 69**
ADULT/ CHROMATOGRAPHY/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ HYPERTHYROIDISM, diagnosis/ HYPOPROTEINEMIA, diagnosis/ HYPOTHYROIDISM, diagnosis/ *IODINE, blood/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ METHODS/ PROTEIN BINDING/ PROTEIN-BOUND IODINE TEST/ *THYROID GLAND FUNCTION TESTS/ *THYROXINE, blood/ THYROXINE-BINDING PROTEIN

Estimation of adenine nucleotides in brain by enzymic and ion-exchange chromatographic methods. Wilson WS, et al. **Biochem Pharmacol 18:1297-306, Jun 69**
*ADENINE NUCLEOTIDES, analysis/ ADENOSINE TRIPHOSPHATASE/ AMINOHYDROLASES/ ANIMAL EXPERIMENTS/ *BRAIN CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ COMPARATIVE STUDY/ CREATINE KINASE/ FREEZE DRYING/ FREEZING/ LACTATE DEHYDROGENASE/ MALE/ METHODS/ MUSCLES/ PHOSPHOTRANSFERASES/ RATS/ SOLVENTS/ SPECTROPHOTOMETRY/ WATER

A comparative study of the insulin content of islet tissue of various species using anti-insulin serum and the epididymal adipose tissue methods. Dixit PK, et al. **Proc Soc Exp Biol Med 131:1124-8, Sep 69**
ADIPOSE TISSUE/ ANIMAL EXPERIMENTS/ *BIOLOGICAL ASSAY/ BLOOD/ CATTLE/ COMPARATIVE STUDY/ CYTOPLASMIC GRANULES/ FISHES/ GUINEA PIGS/ *IMMUNOASSAY/ *INSULIN, analysis/ INSULIN ANTIBODIES/ IODINE ISOTOPES/ *ISLANDS OF LANGERHANS, analysis/ METHODS/ MITOCHONDRIA/ RATS

[Determination of 4-iodothymol. IV. Polarographic method] Iritani N, et al. **J Pharm Soc Jap 89:79-83, Jan 69 (Jap)**
ALKALIES/ BROMIDES/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *IODINE, analysis/ METHODS/ *POLAROGRAPHY/ POTASSIUM CHLORIDE/ *THYMOL, analysis

[Determination of cholesterin in dried on paper blood serum] Boechko FF. **Lab Delo 10:624, 1968 (Rus)**
*CHEMISTRY, ANALYTICAL/ CHOLESTEROL, blood/ COMPARATIVE STUDY/ METHODS

[Modification of Kunkel test] Vartikovskiĭ AM, et al. **Lab Delo 5:307, 1967 (Rus)**
*CHOLESTEROL, blood/ COMPARATIVE STUDY/ HUMAN/ METHODS

DENSITOMETRY, X-RAY

Information transmission in roentgen diagnostic chains. Experimental and clinical studies. Laasonen EM. **Acta Radiol [Diagn] (Stockholm) Suppl 280:7+, 1968**
COLON, radiography/ DENSITOMETRY, X-RAY/ GALLBLADDER, radiography/ HUMAN/ *INFORMATION THEORY/ METHODS/ MODELS, THEORETICAL/ *RADIOGRAPHY/ SKULL, radiography/ TECHNOLOGY, RADIOLOGIC/ TELEVISION/ THORACIC RADIOGRAPHY

Photodensitometry of bone roentgènograms with an on-line computer. Colbert C, et al. **Clin Orthop 65:39-45, Jul-Aug 69**
APATITES, analysis/ *BONE AND BONES, analysis/ BONE AND BONES, metabolism/ BONE AND BONES, radiography/ COLLAGEN, analysis/ *COMPUTERS, DIGITAL/ *DENSITOMETRY, X-RAY/ HUMAN/ MATHEMATICS/ METHODS/ *MINERALS, analysis/ WATER, analysis

DIALYSIS

Attempts to demonstrate a hormonal nattriuretic factor by micropuncture techniques. Hayslett JP, et al. **Yale J Biol Med 41:415-21, Jun 69**
ANIMAL EXPERIMENTS/ DESOXYCORTICOSTERONE, pharmacodynamics/ DIALYSIS/ DOGS/ EXTRACELLULAR SPACE, drug effects/ *HORMONES, isolation & purification/ INFUSIONS, PARENTERAL/ ISOTONIC SOLUTIONS, pharmacodynamics/ METHODS/ *NATRIURESIS/ PUNCTURES/ SODIUM CHLORIDE, pharmacodynamics

ELECTROPHORESIS

Determination of enzymatically produced adenosine 3',5'-monophosphate. Straub M. **Biochim Biophys Acta 184:649-50, 2 Sep 69**
*ADENINE NUCLEOTIDES, analysis/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, analysis/ ADENOSINE TRIPHOSPHATE/ ADENYL CYCLASE/ ANIMAL EXPERIMENTS/ *BRAIN, enzymology/ CARBON ISOTOPES/ CHEMISTRY/ CHROMATOGRAPHY, PAPER/ DOGS/ ELECTROPHORESIS/ *ENZYMES/ METHODS/ RADIOAUTOGRAPHY/ TRITIUM/ ULTRAVIOLET RAYS

Natural occurrence of a new pyridine nucleotide consisting of nicotinamide adenine dinucleotide and adenosine diphosphate ribose joined through a ribosidic link. Imai T, et al. **J Biol Chem 244:4547-54, 10 Sep 69**
*ADENINE NUCLEOTIDES, analysis/ ALCOHOL OXIDOREDUCTASES/ ALKALINE PHOSPHATASE/ *AZOTOBACTER, analysis/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ COENZYMES/ ELECTROPHORESIS/ FLUOROMETRY/ HYDROGEN-ION CONCENTRATION/ METHODS/ *NAD, analysis/ NUCLEOSIDASES/ NUCLEOTIDASES/ *NUCLEOTIDES, analysis/ NUCLEOTIDES, isolation & purification/ OPTICAL ROTATORY DISPERSION/ PHOSPHATASES/ *RIBOSE, analysis/ SACCHAROMYCES, enzymology/ SPECTROPHOTOMETRY/ ULTRAVIOLET RAYS/ VENOMS

FLUORESCENCE

Rapid resolution of flavin-adenine dinucleotide and its mononucleotides on cellulose layers using aqueous ammonium salts and formic acid. Harris AB.

Biochim Biophys Acta 184:467-9, 30 Jul 69
ACETATES/ *ADENINE NUCLEOTIDES, isolation & purification/ AMMONIUM COMPOUNDS/ CELLULOSE/ CHROMATOGRAPHY, THIN LAYER/ DRUG STABILITY/ *FAD, isolation & purification/ FLUORESCENCE/ *FMN, isolation & purification/ FORMATES/ FORMIC ACIDS/ GELS/ METHODS/ SILICA/ ULTRAVIOLET RAYS

FLUORESCENT ANTIBODY TECHNIC

Can LATS be detected by immunofluorescence? Beall GN, et al. J Clin Endocr 29:1114-6, Aug 69
ALCOHOL, ETHYL/ AUTOANTIBODIES/ CYTOPLASM/ *FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ HYPERTHYROIDISM, immunology/ *LONG-ACTING THYROID STIMULATOR, analysis/ METHODS/ MYXEDEMA, immunology/ *THYROID GLAND, immunology/ THYROIDITIS, immunology/ THYROIDITIS, LYMPHOMATOUS, immunology

FLUOROMETRY

Natural occurrence of a new pyridine nucleotide consisting of nicotinamide adenine dinucleotide and adenosine diphosphate ribose joined through a ribosidic link. Imai T, et al.
J Biol Chem 244:4547-54, 10 Sep 69
*ADENINE NUCLEOTIDES, analysis/ ALCOHOL OXIDOREDUCTASES/ ALKALINE PHOSPHATASE/ *AZOTOBACTER, analysis/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ COENZYMES/ ELECTROPHORESIS/ FLUOROMETRY/ HYDROGEN-ION CONCENTRATION/ METHODS/ *NAD, analysis/ NUCLEOSIDASES/ NUCLEOTIDASES/ *NUCLEOTIDES, analysis/ NUCLEOTIDES, isolation & purification/ OPTICAL ROTATORY DISPERSION/ PHOSPHATASES/ *RIBOSE, analysis/ SACCHAROMYCES, enzymology/ SPECTROPHOTOMETRY/ ULTRAVIOLET RAYS/ VENOMS

[A reaction for the determination of testosterone in extracts of body fluids] Ittrich G.
Hoppe Seyler Z Physiol Chem 350:513-6, Apr 69 (Ger)
*ANDROSTANES, analysis/ *BODY FLUIDS, analysis/ CHROMATOGRAPHY, THIN LAYER/ ESTROGENS, analysis/ FLUOROMETRY/ GLUCOCORTICOIDS, analysis/ METHODS/ PREGNANES, analysis/ *TESTOSTERONE, analysis

GEL FILTRATION

Bioassay of parathyroid hormone in vitro with a stable preparation of adenyl cyclase from rat kidney. Marcus R, et al. Endocrinology 85:801-10, Nov 69
*ADENINE NUCLEOTIDES, analysis/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, analysis/ ADENYL CYCLASE, analysis/ ANIMAL EXPERIMENTS/ *BIOLOGICAL ASSAY/ CATTLE/ CORTICOTROPIN, pharmacodynamics/ *ENZYMES, analysis/ EPINEPHRINE, pharmacodynamics/ GEL FILTRATION/ GLUCAGON, pharmacodynamics/ HISTONES, pharmacodynamics/ IN VITRO/ *KIDNEY, enzymology/ MALE/ METHODS/ MSH, pharmacodynamics/ *PARATHYROID HORMONE, pharmacodynamics/ PEPTIDES, pharmacodynamics/ PHOSPHORUS ISOTOPES/ PROTAMINES, pharmacodynamics/ RATS/ SOMATOTROPIN, pharmacodynamics/ STIMULATION, CHEMICAL/ THYROCALCITONIN, pharmacodynamics/ THYROTROPIN, pharmacodynamics/ THYROXINE, pharmacodynamics/ VASOPRESSIN, pharmacodynamics

IMMUNOASSAY

A comparative study of the insulin content of islet tissue of various species using anti-insulin serum and the epididymal adipose tissue methods. Dixit PK, et al. Proc Soc Exp Biol Med 131:1124-8, Sep 69
ADIPOSE TISSUE/ ANIMAL EXPERIMENTS/ *BIOLOGICAL ASSAY/ BLOOD/ CATTLE/ COMPARATIVE STUDY/ CYTOPLASMIC GRANULES/ FISHES/ GUINEA PIGS/ *IMMUNOASSAY/ *INSULIN, analysis/ INSULIN ANTIBODIES/ IODINE ISOTOPES/ *ISLANDS OF LANGERHANS, analysis/ METHODS/ MITOCHONDRIA/ RATS

ION EXCHANGE RESINS

[Automated determination of hormonal iodine in the plasma: methodology, experimental study, clinical application] Jaffiol C, et al.
Rev Franc Endocr Clin 10:7-30, Jan-Feb 69 (Fre)
ADENOMA, blood/ ADULT/ AUTOANALYSIS/ BLOOD CHEMICAL ANALYSIS/ CHEMISTRY, CLINICAL/ CHOLANGIOGRAPHY/ CHOLECYSTOGRAPHY/ DIABETES MELLITUS, blood/ DIIODOTYROSINE, blood/ GOITER, EXOPHTHALMIC, blood/ HUMAN/ *IODINE, blood/ IODIPAMIDE, diagnostic use/ ION EXCHANGE RESINS/ KIDNEY DISEASES, blood/ LIVER DISEASES, blood/ METHODS/ MIDDLE AGE/ MYXEDEMA, blood/ SERUM ALBUMIN, RADIO-IODINATED/ *THYROID HORMONES, blood/ THYROID NEOPLASMS, blood/ THYROXINE, blood/ UROGRAPHY

MICROCHEMISTRY

[On the colorimetric determination of small amounts of iodide] Paletta B. Mikrochim Acta 5:956-9, 1969 (Ger)
ENGLISH ABSTRACT/ *IODIDES, analysis/ IRON/ METHODS/ MICROCHEMISTRY/ SALICYLATES

[Application of a fast micro-method to determine the iodine content in drinking water] Mariño Aguiar M.
Rev Sanid Hig Publica (Madrid) 41:343-55, Oct-Dec 67 (Spa)
GOITER, etiology/ HUMAN/ *IODINE, analysis/ METHODS/ *MICROCHEMISTRY/ SPAIN/ *WATER SUPPLY, analysis

OPTICAL ROTATORY DISPERSION

Natural occurrence of a new pyridine nucleotide consisting of nicotinamide adenine dinucleotide and adenosine diphosphate ribose joined through a ribosidic link. Imai T, et al.
J Biol Chem 244:4547-54, 10 Sep 69
*ADENINE NUCLEOTIDES, analysis/ ALCOHOL OXIDOREDUCTASES/ ALKALINE PHOSPHATASE/ *AZOTOBACTER, analysis/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ COENZYMES/ ELECTROPHORESIS/ FLUOROMETRY/ HYDROGEN-ION CONCENTRATION/ METHODS/ *NAD, analysis/ NUCLEOSIDASES/ NUCLEOTIDASES/ *NUCLEOTIDES, analysis/ NUCLEOTIDES, isolation & purification/ OPTICAL ROTATORY DISPERSION/ PHOSPHATASES/ *RIBOSE, analysis/ SACCHAROMYCES, enzymology/ SPECTROPHOTOMETRY/ ULTRAVIOLET RAYS/ VENOMS

POLAROGRAPHY

[Determination of 4-iodothymol. IV. Polarographic method] Iritani N, et al.
J Pharm Soc Jap 89:79-83, Jan 69 (Jap)
ALKALIES/ BROMIDES/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *IODINE, analysis/ METHODS/ *POLAROGRAPHY/ POTASSIUM CHLORIDE/ *THYMOL, analysis

PRECIPITATION

Evaluation of the double antibody radioimmunoassay of insulin and the determination of insulin in plasma and urine in normal subjects. Jorgensen KR.
Acta Endocr (Kobenhavn) 60:327-51, Feb 69
ADOLESCENCE/ ADULT/ FASTING/ FEMALE/ GLUCOSE TOLERANCE TEST/ HUMAN/ IMMUNE SERUMS/ INFANT, NEWBORN/ *INSULIN, blood/ *INSULIN, urine/ IODINE ISOTOPES/ MALE/ METHODS/

MIDDLE AGE/ PRECIPITATION/
*RADIOIMMUNOASSAY

PROTEIN BINDING

Simplification of determination of serum thyroxine iodine by competitive binding analysis. Nusynowitz ML, et al. **Amer J Roentgen 106:791-3, Aug 69**
ADULT/ CHROMATOGRAPHY/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ HYPERTHYROIDISM, diagnosis/ HYPOPROTEINEMIA, diagnosis/ HYPOTHYROIDISM, diagnosis/ *IODINE, blood/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ METHODS/ PROTEIN BINDING/ PROTEIN-BOUND IODINE TEST/ *THYROID GLAND FUNCTION TESTS/ *THYROXINE, blood/ THYROXINE-BINDING PROTEIN

A competitive protein binding method for the measurement of plasma androstenedione. Rosenfield RL. **Steroids 14:251-61, Sep 69**
ADULT/ *ANDROSTANES, blood/ CHROMATOGRAPHY, THIN LAYER/ FEMALE/ HUMAN/ HYDROXYSTEROID DEHYDROGENASE, metabolism/ *17-KETOSTEROIDS, blood/ MALE/ METHODS/ PROTEIN BINDING/ *TESTOSTERONE, blood/ TRITIUM

[Determination of hormones by radiostereoassay] Shizume K. **Naika 24:80-4, Jul 69 (Jap)**
*HORMONES, analysis/ HORMONES, blood/ IODINE ISOTOPES/ METHODS/ PROTEIN BINDING/ *RADIOIMMUNOASSAY

RADIOAUTOGRAPHY

Determination of enzymatically produced adenosine 3',5'-monophosphate. Straub M.
ADENOSINE CYCLIC 3',5'-PHOSPHATE, analysis/ ADENOSINE TRIPHOSPHATE/ ADENYL CYCLASE/ ANIMAL EXPERIMENTS/ *BRAIN, enzymology/ CARBON ISOTOPES/ CHEMISTRY/ CHROMATOGRAPHY, PAPER/ DOGS/ ELECTROPHORESIS/ *ENZYMES/ METHODS/ RADIOAUTOGRAPHY/ TRITIUM/ ULTRAVIOLET RAYS

RADIOIMMUNOASSAY

Evaluation of the double antibody radioimmunoassay of insulin and the determination of insulin in plasma and urine in normal subjects. Jorgensen KR.
Acta Endocr (Kobenhavn) 60:327-51, Feb 69
ADOLESCENCE/ ADULT/ FASTING/ FEMALE/ GLUCOSE TOLERANCE TEST/ HUMAN/ IMMUNE SERUMS/ INFANT, NEWBORN/ *INSULIN, blood/ *INSULIN, urine/ IODINE ISOTOPES/ MALE/ METHODS/ MIDDLE AGE/ PRECIPITATION/ *RADIOIMMUNOASSAY

An abnormality of insulin-type in patients with myocardial infarction. Elliott RB.
Aust J Exp Biol Med Sci 47:305-10, Jun 69
ADULT/ DIABETES MELLITUS, JUVENILE, metabolism/ FEMALE/ HUMAN/ INSULIN, blood/ *INSULIN, isolation & purification/ INSULIN RESISTANCE/ IODINE ISOTOPES/ MALE/ METHODS/ MIDDLE AGE/ MYOCARDIAL INFARCT, blood/ *MYOCARDIAL INFARCT, metabolism/ PEPTIDE PEPTIDOHYDROLASES, analysis/ RADIOIMMUNOASSAY

[Advances and problems in the determination of the renin activity of the blood] Otsuka K.
Clin Endocr (Tokyo) 17:357-60, Apr 69 (23 ref.) (Jap)
ANGIOTENSINASE, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ METHODS/ RABBITS/ RADIOIMMUNOASSAY/ *RENIN, blood/ REVIEW

[Determination of hormones by radiostereoassay] Shizume K. **Naika 24:80-4, Jul 69 (Jap)**
*HORMONES, analysis/ HORMONES, blood/ IODINE ISOTOPES/ METHODS/ PROTEIN BINDING/ *RADIOIMMUNOASSAY

RADIOISOTOPE DILUTION TECHNIC

The iodotyrosine content of normal human serum. Wellby ML, et al. **Biochem J 112:543-4, May 69**
CHROMATOGRAPHY, ION EXCHANGE/ *DIIODOTYROSINE, blood/ HUMAN/ *HYPERTHYROIDISM, blood/ IODINE ISOTOPES/ IODOTYROSINE, blood/ METHODS/ RADIOISOTOPE DILUTION TECHNIC/ *THYROID HORMONES, blood/ *TYROSINE, blood

SPECTROPHOTOMETRY

Estimation of adenine nucleotides in brain by enzymic and ion-exchange chromatographic methods. Wilson WS, et al. **Biochem Pharmacol 18:1297-306, Jun 69**
*ADENINE NUCLEOTIDES, analysis/ ADENOSINE TRIPHOSPHATASE/ AMINOHYDROLASES/ ANIMAL EXPERIMENTS/ *BRAIN CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ COMPARATIVE STUDY/ CREATINE KINASE/ FREEZE DRYING/ FREEZING/ LACTATE DEHYDROGENASE/ MALE/ METHODS/ MUSCLES/ PHOSPHOTRANSFERASES/ RATS/ SOLVENTS/ SPECTROPHOTOMETRY/ WATER

Natural occurrence of a new pyridine nucleotide consisting of nicotinamide adenine dinucleotide and adenosine diphosphate ribose joined through a ribosidic link. Imai T, et al.
J Biol Chem 244:4547-54, 10 Sep 69
*ADENINE NUCLEOTIDES, analysis/ ALCOHOL OXIDOREDUCTASES/ ALKALINE PHOSPHATASE/ *AZOTOBACTER, analysis/ COENZYMES/ ELECTROPHORESIS/ FLUOROMETRY/ HYDROGEN-ION CONCENTRATION/ METHODS/ *NAD, analysis/ NUCLEOSIDASES/ NUCLEOTIDASES/ *NUCLEOTIDES, analysis/ NUCLEOTIDES, isolation & purification/ OPTICAL ROTATORY DISPERSION/ PHOSPHATASES/ *RIBOSE, analysis/ SACCHAROMYCES, enzymology/ SPECTROPHOTOMETRY/ ULTRAVIOLET RAYS/ VENOMS

Determination of individual conjugated bile acids in human bile. Shioda R, et al.
J Lipid Res 10:546-54, Sep 69
*BILE, analysis/ *BILE ACIDS AND SALTS, analysis/ BILE ACIDS AND SALTS, biosynthesis/ CARBON ISOTOPES/ *CHOLESTEROL, analysis/ CHOLESTEROL, metabolism/ CHROMATOGRAPHY, THIN LAYER/ DIGITALIS GLYCOSIDES/ DUODENUM/ GELS/ GLYCINE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ LECITHINS, analysis/ METHODS/ METHYLATION/ *PHOSPHOLIPIDS, analysis/ SILICA/ SPECTROPHOTOMETRY/ STEROIDS, analysis/ TIME FACTORS/ ULTRAVIOLET RAYS

SPECTRUM ANALYSIS

A vasodepressor lipid resembling prostaglandin E2 (PGE2) in the renal venous blood of hypertensive patients. Edwards WG Jr, et al.
J Lab Clin Med 74:389-99, Sep 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CHROMATOGRAPHY, THIN LAYER/ HUMAN/ *HYPERTENSION, RENAL, blood/ KIDNEY FUNCTION TESTS/ *LIPIDS, blood/ LIPIDS, isolation & purification/ METHODS/ *PROSTAGLANDINS, blood/ PROSTAGLANDINS, isolation & purification/ RATS/ RENAL ARTERY OBSTRUCTION, blood/ RENAL VEINS/ SPECTRUM ANALYSIS/ *VASODILATOR AGENTS, blood/ VASODILATOR AGENTS, isolation & purification

Position of the sulfate group in steroid sulfates from

human plasma. Cronholm T. Steroids 14:285-96, Sep 69
*ANDROSTANES, blood/ CHROMATOGRAPHY, GAS/ ESTERS/ HUMAN/
*17-HYDROXYCORTICOSTEROIDS, blood/
MALE/ METHODS/ PREGNANES, blood/
SPECTRUM ANALYSIS/ STEROLS, blood/
*SULFATES, blood

ADDENDUM OF TITLES

Gel filtration analysis of ovine pituitary gonadotropins.
Bullemma ML, et al.
Indian J Exp Biol 7:75-8, Apr 69

The ventral prostate weight method in hypophysectomized rats for luteinizing hormone. Specificity of the test.
Christiansen P.
Acta Endocr (Kobenhavn) 59:622-8, Dec 68

Approximate versus exact evaluation of bioassays based on quantal response.
Borth R, et al.
Acta Endocr (Kobenhavn) 60:216-20, Feb 69

Use of a digital computer in the measurement of roentgenographic bone density.
Vogt FB, et al.
Amer J Roentgen 105:870-6, Apr 69

Determination of human and bovine growth hormones in the physiological range by the immunoelectroadsorption method.
Rothen A, et al.
Experientia 25:420-1, 15 Apr 69

A fast procedure for radioimmunoassay of HGH
Pennisi F.
J Nucl Biol Med 12:137-8, Jul-Sept 68

Purification and determination of the antidiuretic substance in human urine.
Frandsen P.
Acta Endocr (Kobenhavn) 62:31-8, Sep 69

Comparison of various alkylboronic acids for the characterization of corticosteroids by gas-liquid chromatography-mass spectrometry.
Brooks, CJ, et al
Biochem J 114-15P, Aug 69

A gas liquid chromatographic method for routine determination of aldosterone in urine, with values for the excretion of aldosterone in normal adults and in hospitalized children.
Salokangas A, et al.
Ann Med Exp Biol Fenn 46:158-64, 1968

Thin-layer chromatographic separation of urinary aldosterone for determination with the tetrazolium blue reaction.
Cavina G, et al.
Steroids 14:315-25, Sep 69

New derivatives for electron capture--gas chromatography of steroids: a simplified procedure for measuring plasma testosterone.
Kirschner MA, et al.
Anal Biochem 30:346-57, Sep 69

A modification of the rapid method for the assay of plasma estriol in pregnancy: use of unconjugated 3H-estriol to correct for losses.
Ertel NH, et al.
J Clin Endocr 29:1266-8, Sep 69

The simultaneous fluorimetric determination of corticosterone and cortisol in human plasma.
Sasaki H, et al.
Acta Med Biol (Niigata) 17:65-83, Jun 69

A simple technique for separation of cortisol metabolites by thin-layer chromatography and its application for the measurement of cortisol secretion rate.
Albuquerque RH, et al.
Arq Brasil Endocr 16:183-90, Dec 67

A simple method for separate determination of the main 17, 21-dihydroxy-20-ketosteroids.
Pieterse EW, et al.
Clin Chim Acta 25:243-6, Aug 69

[Comparison with Steelman and Pohley's weight gain test of a new method of determining folliculostimulin (FSH)]
Roos J, et al.
C R Soc Biol (Paris) 162:2244-9, 1968 (Fre)

[Simple rapid measurement of HCG-radioimmunossay]
Mitsui I, et al
J Jap Obstet Gynec Soc 21:413-4, Apr 69 (Jap)

[A method of determination of thyrotropic hormone in blood]
Potin VV, et al.
Lab Delo 11:663-6, 1968 (Rus)

[Automated determination of hormonal iodine in the plasma; methodology, experimental study, clinical application.]
Jaffiol C, et al.
Rev Franc Endocr Clin 10:7-30, Jan-Feb 69 (Fre)

[Determination of the thyroglobulin content in toxic and euthyroid goiters with the aid of organo-specific antithyroid phytoprecipitin]
Artamonova-Krupnik SI.
Probl Endocr (Moskva) 14:39-43, Jul-Aug 68 (Rus)

[Method for determining testosterone and epitestosterone in human urine]
Drosdowsky MA, et al.
Bull Soc Chim Biol (Paris) 50:1723-37, 30 Jan 69 (Fre)

[Simple method for the determination of androstenolone in urine]
Kakushkina EA, et al.
Lab Delo 8:460-4, 1967 (Rus)

[Study on a new method for the determination of 7 fractions of urinary 17-dexycorticosteroid (DOC, Comp. B, Comp. A, allo THB, THB, THA and aldosterone). I. Method and basic experiments]
Ito, Y.
Folia Endocr Jap 45:12-28, 20 Apr 69 (Jap)

[Advances and problems in FSH and LH measurement]
Tgarashi M. et al.
Clin Endocr (Tokyo) 17:227-37, Apr 69 (95 ref.) (Jap)

[Test for determination of 17-oxycorticosteroids in urine and blood plasma by some modified forms of the Silber and Porter method]
Khazanav, MKh
Lab Delo 8:470-2, 1968 (Rus)

[Study on the Porter-Silber reaction--chromogenicity in various concentration of sulfuric acid]
Kyo Y, et al.
Jap J Clin Path 17:403-7, May 69 (Jap)

[On the method of determination of pregnanetriol]
Prlpva VG.
Lab Delo 6:351-3, 69 (Rus)

[Measurement of releasing factors]
Ito S, et al.
Clin Endocr (Tokyo) 17:274-84, Apr 69 (134 ref.) (Jap)

[Modification of the fluoromatic method of determination of 11-oxycorticosteroids in blood plasma]
Minsker El, et al.
Lab Delo 6:366-7, 1968 (Rus)

The ovarian ascorbic acid depletion test for luteinizing hormone. Lack of specificity.
Koed HJ, et al
Acta Endocr (Kobenhavn) 59:629-35, Dec 68

Citations from the Sept and Oct biweekly issues of the NLM Current Catalog are listed here. These are citations to publication, catalogued by the National Library of Medicine or one of its cooperative cataloging partners, which have an imprint date of the current or two preceding years. Citations include the price of the publication (in dollars) whenever this information is available.

ADRENAL CORTEX HORMONES

Symposium "Aspects of Corticosteroid and ACTH Therapy in Children with Asthma," Groningen, 1967. Aspects of corticosteroid and ACTH therapy in children with asthma; edited by K. Knol. Copenhagen, Munksgaard, 1969. 77 p. illus. (Scandinavian journal of respiratory diseases. Supplementum, no. 68)
DNLM: W1 SC154A no.68 1969 Cit. No. 164620

Jenkins, John S. An introduction to biochemical aspects of the adrenal cortex. Baltimore, Williams and Wilkins Co., 1968. vii, 120 p. illus.
SUNY: WK 750 J52i 1968 Cit. No. 162506

ADRENAL GLAND DISEASES

Jenkins, John S. An introduction to biochemical aspects of the adrenal cortex. Baltimore, Williams and Wilkins Co., 1968. vii, 120 p. illus.
SUNY: WK 750 J52i 1968 Cit. No. 162506

BONE AND BONES

Quinaux, Nicole. Contribution à l'étude de la composition des sels osseux chez le rat. Liège, 1968. 108 p. illus. Thèse - Liège (Docteur en sciences bio-médicales experimentales) Received the support of the U. S. Public Health Service, National Institute of Dental Research, Grant no. 5 R01 DE 00878-05.
DNLM: WE 200 Q8c 1968 Cit. No. 163135

Richelle, Léon J. Contribution à l'étude du metabolisme mineral de l'os chez le rat. Liège, 1967. 161 p. illus. Thèse - Liège (Docteur en sciences bio-médicales expérimentales) Received the support of the U. S. Public Health Service, National Institute of Dental Research, Grant no. DE-1931.
DNLM: WE 200 R528c 1967 Cit. No. 163137

CHROMATOGRAPHY

Gordon, A. H. Electrophoresis of proteins in polyacrylamide and starch gels [by] A. H. Gordon. An introduction to gel chromatography [by] L. Fischer. Immunochemical techniques for the identification and estimation of macromolecules [by] J. Clausen. Amsterdam, North-Holland Pub. Co.; New York, Wiley Interscience Division, 1969. viii, 572 p. illus. (Laboratory techniques in biochemistry and molecular biology, v. 1)
DNLM: W1 LA232K v.1 1969
SUNY: QU 25 L123 v.1 1969 Cit. No. 163654

Smith, Ivor. Chromatographic and electrophoretic techniques. 3d ed. New York, Interscience Publishers [1969]- v. illus.
DNLM: QD 271 S649c Cit. No. 165316

CONTRACEPTIVES, ORAL

Starup, Jørgen. Studier af et oralt antikonceptionsmiddel (megestrolacetat + mestranol); virkningen på de endokrine kirtler og leveren hos kvinder. København, 1969. 79 p. illus. Afhandling - Copenhagen. Summary in English.
DNLM: W6 P3 Cit. No. 166700

DIABETES MELLITUS

Gemeinsame Tagung der Zentraleuropäischen Anaesthesiegesellschaften, 10th, Salzburg, 1967. Anaesthesie und Kohlenhydratstoffwechsel. [Sammlung von Referaten, die als I. Hauptthema auf der X. Gemeinsamen Tagung der Zentraleuropäischen Anesthesiegesellschaften 1967 in Salbburg abgehandelt wurden] Hrsg. von V. Feurstein. Berlin, New York, Springer, 1969. 83 p. illus. (Anaesthesiology and resuscitation, 37) Contributions in German or French.
DNLM: W1 AN104E v.37 1969
MBCO: WO 200 A5 v.37 1969 Cit. No. 162472

Holcomb, Blair, 1894- How to live happily with diabetes; being the chronicles of one Hezekiah Perkins, a man who just happened to have diabetes. Portland, Or., Barkerbrook Press [1968] 92 p. illus.
DNLM: WK 850 H725h 1968 Cit. No. 163005

Vague, Jean. Facteurs génétiques & péristatiques du diabete; par Jean Vague. Conceptions actuelles sur la pathogenie de la maladie de Basedow, par Rolland Simonin. Paris, Laboratoires Porcher [1967?] 17, A-Y, 8 leaves. illus. (Documenta medicae: Endocrinologie, t. 1)
DNLM: W1 DO484 t.1 1967 Cit. No. 162634

Cremer, Guillermo M., 1936- The relationship of insulinogenic reserve to diabetic instability. [Minneapolis] 1969. 99 leaves. illus. Thesis (M. S. in Internal Medicine) - Univ. of Minnesota.
DNLM: W4A C915r 1969 Cit. No. 164327

Laboratoires Midy, Paris. Données nouvelles sur le diabète. [Paris, 1969] 38 p. illus. (Documents Midy [no 73])
DNLM: W1 DO557 no.73 1969 Cit. No. 163570

International Diabetes Federation. Diabetes; proceedings of the sixth congress of the International Diabetes Federation, Stockholm, Sweden, July 30-August 4, 1967. Editor: J. Oestman; co-editor: R. D. G. Milner. Amsterdam, Excerpta Medica Foundation, 1969. ix, 926 p. illus. (Excerpta medica. International congress series, no. 172)
-- --- Supplement. Amsterdam, Excerpta Medica Foundation, 1969. vii, 236 p. illus. (Excerpta medica. International congress series, no. 172S)
W3 EX89 no.172 1967 Suppl.
DNLM: W3 EX89 no.172 1967
MBCO: ZW 1 E939 no.172 1967 Cit. No. 166345

DIABETES MELLITUS

Journées de diabétologie, 5th, Vals-les-Bains, 1968. Ves Journées de diabétologie de Vals-les-Bains et réunion de l'Association des diabétologues de langue française à Vals-les-Bains, 27-28-29 septembre 1968. Compte rendus. Paris, Maloine [1969] 115 p. illus. (Diabète, 1969, Suppl.) Organized by the Société médicale de Vals. Summaries in English and German.
DNLM: W1 DI138 1969 Suppl. Cit. No. 166652

Scandinavian Diabetic Symposium, Hook, Sweden, 1968. Control in diabetes. Edited by S. E. Fagerberg [and] J. Oestman. [Copenhagen, Bogtrykkeri, 1968] 117 p. Sponsored by Ames Company Scandinavia.
DNLM: WK 810 S283c 1968 Cit. No. 167344

DIABETES MELLITUS, JUVENILE

François, René. L'enfant diabétique; le diabète de l'enfant et de l'adolescent. Traitement problèmes médico-sociaux [par] R. François, B. Jarlot et D. Weber. Paris, Editions sociales françaises [1968] 101 p.
DNLM: WK 810 F825e 1968 Cit. No. 164522

DIABETIC DIET

Rogers, Iris Holland. Diet without tears cookery book. 3d ed. London, Lewis, 1968. 156 p. illus. Earlier editions have title: The complete cookery book for diabetics.
DNLM: WK 819 R726c 1968 Cit. No. 164610

Gibbons, Euell. Feast on a diabetic diet, by Euell and Joe Gibbons. New York, McKay [c1969] xvii, 314 p.
DNLM: WK 818 G441f 1969 Cit. No. 163077

Holtmeier, Hans Jürgen. Abmagerungsdiät für übergewichtige Zuckerkranke, mit Schonkostempfehlungen auch für Magen-, Darm-, Galle-, Leber-, Herzkranke und bei Herzinfarkt. Stuttgart, Thieme, 1969. viii, 176 p. illus.
DNLM: WK 850 H758a 1969 Cit. No. 164073

DIABETIC RETINOPATHY

Symposium on the Treatment of Diabetic Retinopathy, Warrenton, Va., 1968. Symposium on the Treatment of Diabetic Retinopathy, edited by Morton F. Goldberg [and] Stuart L. Fine. Arlington, Va. [For sale by the Supt. of Docs., U. S. Govt. Print. Off., Washington, D. C., 1969] xxiv, 913 p. illus. (Public Health Service publication, no. 1890) Sponsored by the Public Health Service and issued by its Neurological and Sensory Disease Control Program and its Diabetes and Arthritis Control Program.
DNLM: WK 835 S989s 1968 Cit. No. 166714

ENDOCRINE DISEASES

Spiegel, Ronald N. A cephalometric roentgenographic study of the cranial base of children with endocrinopathies and its effect on the craniofacial skeleton. [Minneapolis] 1969. 80 leaves. illus. Thesis (M. S. in Dentistry) - Univ. of Minnesota. Typewritten copy.
DNLM: W4A S7585c 1969 Cit. No. 162417

Staemmler, Hans Joachim. Fibel der gynäkologischen Endokrinologie für Studierende und Arzte. 2., völlig neubearb. und erw. Aufl. Stuttgart, Thieme, 1969. xv, 260 p. illus. 1st ed. has title: Grundriss der gynäkologischen Endokrinologie.
MBCO: WP 505 S778g 1969 Cit. No. 163356

Martin, Laurence Cleveland Clinical endocrinology for practitioners and students. 5th ed. London, Churchill, 1969. vii, 338 p. illus. SBN 7000-1407-1.
DNLM: WK 100 M381c 1969 Cit. No. 166560

ENDOCRINE GLANDS

Simionescu, Nicoale. Modele experimentale chirurgicale ale glandelor endocrine [de] N. Simionescu şi Maia Scherzer. [Bucureşti] Editura Academiei Republicii Socialiste România, 1969. 314 p. illus.
DNLM: WK 100 S589m 1969 Cit. No. 167064

ENDOCRINOLOGY

Documenta medicae: Endocrinologie. t. 1- Paris, Laboratories Porcher [1967?]- v. illus.
DNLM: W1 DO484 Cit. No. 162577

GOITER, EXOPHTHALMIC

Vague, Jean. Facteurs génétiques & péristatiques du diabete; par Jean Vague. Conceptions actuelles sur la pathogenie de la maladie de Basedow, par Rolland Simonin. Paris, Laboratoires Porcher [1967?] 17, A-Y, 8 leaves. illus. (Documenta medicae: Endocrinologie, t. 1)
DNLM: W1 DO484 t.1 1967 Cit. No. 162634

GONADS

McKerns, Kenneth W., ed. The gonads. New York, Appleton-Century-Crofts [c1969] xv, 792 p. illus. (Biochemical endocrinology)
DNLM, MBCO: WK 900 M157g 1969
Cit. No. 161035

HORMONES

International Symposium on Protein and Polypeptide Hormones, Liège, 1968. Protein and polypeptide hormones; proceedings. Editor: M. Margoulies. Amsterdam, Excerpta Medica Foundation, 1969. xviii, 939 p. illus. (Excerpta medica. International congress series, no. 161)
DNLM: W3 EX89 no.161 1968
MBCO: ZW 1 E939 no.161 1969 Cit. No. 162503

ISLET CELL TUMOR

Nikolaev, Oleg Vladimirovich. Insuloma; khirurgicheskoe lechenie. Moskva, Meditsina, 1968. 199 p. illus. At head of title: O. V. Nikolaev [i] E. G. Veĭnberg.
DNLM: WK 810 N693i 1968 Cit. No. 166455

17-KETOSTEROIDS

Akasu, Fumio, 1905- ed. Joshi nyochu 17-ketosuteroido. [17-ketosteroids in urine of women. Tokyo] Shindan to Chiryosha (Showa 44 nen, 1969] 179 p. illus.
DNLM: WK 150 A313j 1969 Cit. No. 163055

KIDNEY

Wesson, Laurence G., 1917- Physiology of the human kidney. With chapters by Allan J. Erslev, Patrick J. Muirow, and John A. Goffinet. New York, Grune & Stratton [1969] xxi, 712 p. illus., port.
DNLM, MBCO: WJ 300 W515p 1969
Cit. No. 164136

MESTRANOL

Starup, Jørgen. Studier af et oralt antikonceptionsmiddel (megestrolacetat + mestranol); virkningen på de endokrine kirtler og leveren hos kvinder. København, 1969. 79 p. illus. Afhandling - Copenhagen. Summary in English.
DNLM: W6 P3 Cit. No. 166700

NEUROHUMORS

Bajusz, Eörs. Physiology and pathology of adaptation mechanisms: neural-neuroendocrine-humoral, by Eörs Bajusz and collaborators. Oxford, New York, Pergamon Press [c1969] xiii, 583 p. illus. (International series of monographs in pure and applied biology. Division: Modern trends in physiological sciences, v. 27)
MBCO: WK 102 B166p 1969 Cit. No. 166165

OVARY

Conference on Ovarian Physiopathology, Florence, 1968? Endocrinologic and morphologic correlations of the ovary. The Florentine Conference. Compiled and edited by Wladimiro Ingiulla and Robert B. Greenblatt. Springfield, Ill., Thomas [c1969] xiv, 309 p. illus.
DNLM, MBCO: WP 320 C748e 1968
Cit. No. 157713

OVULATION

Shearman, Rodney P. Induction of ovulation. Springfield, Ill., Thomas [c1969] xi, 142 p. illus. (American lecture series, no. 747. American lectures in living chemistry)
DNLM, MBCO: WP 540 S539i 1969
Cit. No. 160600

L'Ovulation; méiose et ouverture folliculaire, traitements de l'anovulation. Colloque de la Société nationale pour l'étude de la stérilité et de la fécondité. Rapporteurs généraux: I. Biologie: R. Moricard. II. Thérapeutique: J. Férin. Paris, Masson, 1969. 428 p. illus.
DNLM: WP 540 O96 1969 Cit. No. 166565

PLACENTA

Torpin, Richard, 1891- The human placenta; its shape, form, origin, and development. Springfield, Ill., Thomas [c1969] xxiv, 190 p. illus.
DNLM, MBCO: WQ 212 T686h 1969
Cit. No. 162632

RADIOISOTOPES

Gorsuch, T. T. Radioactive tracers in chemical analysis. Rev. ed. [Amersham, Eng.] 1968. 12 p. (Radiochemical Centre, Amersham, Eng. Review, 5)
DNLM: W1 RA129 no.5 1968 Cit. No. 163214

SPECTRUM ANALYSIS

Bousquet, P. Spectroscopie instrumentale. Paris, Dunod, 1969. xiii, 208 p. illus.
DNLM: QC 451 B777s 1969 Cit. No. 162763

Eastern Analytical Symposium, New York, 1966. X-ray and electron methods of analysis, edited by H. van Olphen and William Parrish. New York, Plenum Press, 1968. x, 163 p. illus. (Progress in analytical chemistry, v. 1)
MBCO: QD 95 E13x 1966 Cit. No. 165573

STEROIDS

McKerns, Kenneth W. Steroid hormones and metabolism. New York, Appleton-Century-Crofts [1969] ix, 176 p. illus. (Perspectives in cell biology)
DNLM: WK 150 M156s 1969 Cit. No. 163720

THYROID DISEASES

Hamburger, Joel I., 1929- Diagnosis and management of common thyroid problems. Springfield, Ill., Thomas [c1969] ix, 176 p. illus.
DNLM: WK 200 H199d 1969 Cit. No. 166043

THYROID GLAND

Jugoslovenski simpozijum o štitastoj žlezdi, 1st, Zlatibor, 1967. Zbornik radova prvog Jugoslavskog simpozijuma of štitastoj žlezdi, (15-18 jun, Partizanske Vode na Zlatiboru). Kragujevac, Grafičko preduzeće "Nikola Nikolic", 1967. 451 p. illus. At head of title: Udruženje endokrinologa Jugoslavije.
MBCO: WK 200 J93z 1967 Cit. No. 163565

Lomonaco, D. A. Abnormal regulation of thyroid function in patients with chronic Chaga's disease [by] D. A. Lomonaco [et al. São Paulo] 1967. 2, 162-176 p. illus. (Publicação IEA, no. 153) Reprinted from Acta endocrinologica, v. 53, 1966. Summary in Portuguese and French.
DNLM: W1 PU653 no.153 1967 Cit. No. 167147

THYROID NEOPLASMS

Thyroid cancer. Edited by Chr. E. Hedinger. Berlin, New York, Springer [c1969] xiv, 345 p. illus. (UICC monograph series, v. 12) Proceedings of a conference on thyroid held in Lausanne, May 1968.
DNLM: W1 U412 v.12 1969 Cit. No. 167073

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FLUORESCENT ANTIBODY TECHNIC

Foundation for Research on the Nervous System, Boston, Mass. Fluorescent antibody, cell-organ antigens and serum protein antigens; quarterly progress report, no. 16, 18 September 1967 to 17 December 1967. P. C. Rajam. Boston, 1967. 16 p. Microfiche.
TRL DA18- 064-AMC- 206(A) 1967 Clt. No. 163424

OSTEOGENESIS

Michigan Univ., Ann Arbor. Dept. of Oral Surgery. Promotion of primary and rapid osteogenesis in healing maxillofacial bone injuries; annual progress report, May 1969. James R. Hayward [et al.] Ann Arbor, 1969. 34 p. Microfiche.
TRL DA49- 193-MD- 2586 1969 Clt. No. 163411

PITUITARY-ADRENAL FUNCTION TESTS

Mount Sinai Hospital, New York, N. Y. Central-nervous-system adrenal interrelations; progress report, no. 3, June 1968 - September 1968. Dorothy T. Krieger. New York, 1968. 18 p. Microfiche.
TRL DAAA- 17-68- C-0244 1968 Clt. No. 163416

SOMATOTROPIN

Wilford Hall USAF Hospital, Lackland AFB, Tex. Aerospace Medical Lab. (Clinical) Mental retardation and accelerated growth: inappropriate secretion of human growth hormone? Report, January 1969. David M. Brown [and] Charles A. Coltman, Jr. Lackland AFB, 1969. 10 p. illus.
TRL AMLC- TR-69-1 1969 Clt. No. 163431

AUTHOR SECTION

A

1. **Aarsen PN**: Effects of bradykinin and anti-inflammatory agents on the response of isolated guinea-pig lungs to histamine.
   Acta Physiol Pharmacol Neerl 15:223-42, Jun 69
   AMINOPYRINE, pharmacodynamics/ ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ *ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ BLOOD PRESSURE, drug effects/ BRADYKININ, administration & dosage/ *BRADYKININ, pharmacodynamics/ CAPILLARY PERMEABILITY, drug effects/ ESTRIOL, pharmacodynamics/ GUINEA PIGS/ HISTAMINE, administration & dosage/ *HISTAMINE, pharmacodynamics/ IN VITRO/ *LUNG, drug effects/ PHENACETIN, pharmacodynamics/ PHENAZINES, pharmacodynamics/ PHENYLBUTAZONE, pharmacodynamics/ PULMONARY ARTERY, drug effects/ SEROTONIN, pharmacodynamics/ SODIUM SALICYLATE, pharmacodynamics/ TRACHEA, drug effects

2. **Aarskog D**: Autoimmune thyroid disease in children with mongolism. Arch Dis Child 44:454-60, Aug 69
   AUTOANTIBODIES, analysis/ *AUTOIMMUNE DISEASES, complications/ CHILD/ FEMALE/ HUMAN/ HYPERTHYROIDISM, complications/ HYPOTHYROIDISM, complications/ INFANT/ KARYOTYPING/ *MONGOLISM, complications/ *THYROID DISEASES, complications/ TRISOMY

3. **Abate G, Ferramosca B, Piazzi G, et al**: Anorchidismo congenito con ipopituitarismo anteriore parziale.
   Folia Endocr (Roma) 21:485-500, Aug 68 (Ita)
   ABNORMALITIES, MULTIPLE/ ADOLESCENCE/ ENGLISH ABSTRACT/ HUMAN/ *HYPOPITUITARISM, pathology/ KARYOTYPING/ 17-KETOSTEROIDS, urine/ LEYDIG CELLS/ MALE/ MENTAL RETARDATION/ OBESITY/ *PENIS, abnormalities/ *SCROTUM, abnormalities/ SEX CHROMATIN/ SEX DETERMINATION/ *TESTIS, abnormalities/ VOICE

4. **Abaza A, Fersztman S**: Les effets de la thérapeutique cortico-stéroide sur la conduction auriculo-ventriculaire normale et pathologique.
   Coeur Med Intern 6:175-94, Apr 67 (Fre)
   ADOLESCENCE/ ADULT/ AGED/ CHILD, PRESCHOOL/ FEMALE/ *GLUCOCORTICOIDS, therapeutic use/ *HEART CONDUCTION SYSTEM, drug effects/ *HEART DISEASES, drug therapy/ HUMAN/ MALE/ MIDDLE AGE

5. **Abbrecht PH, Vander AJ, Turcotte JG**: Effects of saline loading on the renin, erythropoietin, and blood pressure responses to canine renal allotransplantation. Circ Res 25:99-105, Aug 69
   ANIMAL EXPERIMENTS/ *BLOOD PRESSURE, drug effects/ CATHETERIZATION/ CREATININE, blood/ DOGS/ *ERYTHROPOIETIN, blood/ FEMALE/ HYPERTENSION, RENAL, etiology/ INFUSIONS, PARENTERAL/ *KIDNEY, transplantation/ PLASMA VOLUME/ *RENIN, blood/ SODIUM, analysis/ *SODIUM CHLORIDE, pharmacodynamics/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY

6. **Abdel-Aziz A**: Endocrine influence on urinary 5-hydroxyindoleacetic acid output in the rat.
   Europ J Pharmacol 7:49-55, Jul 69
   *ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *CORTISONE, pharmacodynamics/ FEMALE/ *HYDROXYINDOLEACETIC ACID, urine/ HYPERTHYROIDISM, chemically induced/ HYPOPHYSECTOMY/ MALE/ *PITUITARY GLAND, physiology/ RATS/ SEX FACTORS/ *THYROID GLAND, physiology/ THYROXINE/ TRIIODOTHYRONINE

7. **Abdel-Aziz A, Karrar MA**: Analysis of pressor response of the guinea-pig to nicotinic acid.
   Arch Int Pharmacodyn 177:253-60, Feb 69
   ADRENAL GLANDS, physiology/ ADRENAL GLANDS, surgery/ ANIMAL EXPERIMENTS/ ANTIHISTAMINICS, pharmacodynamics/ ATROPINE, pharmacodynamics/ *BLOOD PRESSURE, drug effects/ BRETYLIUM COMPOUNDS, pharmacodynamics/ COCAINE, pharmacodynamics/ DEPRESSION, CHEMICAL/ ERGOTAMINE, pharmacodynamics/ FEMALE/ GUINEA PIGS/ HEXAMETHONIUM COMPOUNDS, pharmacodynamics/ MALE/ MYOCARDIUM, drug effects/ NICOTINAMIDE, pharmacodynamics/ *NICOTINIC ACID, pharmacodynamics/ NOREPINEPHRINE, pharmacodynamics/ PERFUSION/ PHENOXYBENZAMINE, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ PYRIDINES, pharmacodynamics/ RESERPINE, pharmacodynamics/ STIMULATION, CHEMICAL/ *VASOMOTOR SYSTEM, drug effects

8. **Abdullah S, Jarvik LF, Kato T, et al**: Extra Y chromosome and its psychiatric implications.
   Arch Gen Psychiat (Chicago) 21:497-501, Oct 69
   HUMAN/ INTELLIGENCE/ MALE/ *MENTAL DISORDERS, etiology/ *SEX CHROMOSOME ABNORMALITIES

9. **Abe H, Oki K**: [Cryptothyroidism]
   Naika 23:727-32, Apr 69 (Jap)
   ANEMIA, HYPOCHROMIC, complications/ CHILD/ CRETINISM, complications/ HUMAN/ *HYPOTHYROIDISM/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ RADIOISOTOPE SCANNING/ SOMATOTROPIN, blood/ THYROID HORMONES, blood

10. **Abe K, Robison GA, Liddle GW, et al**: Role of cyclic AMP in mediating the effects of MSH, norepinephrine, and melatonin on frog skin color.
    Endocrinology 85:674-82, Oct 69
    *ADENINE NUCLEOTIDES, physiology/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, analysis/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, physiology/ ADENYL CYCLASE, metabolism/ ANIMAL EXPERIMENTS/ DEPRESSION, CHEMICAL/ ERGOTAMINE, pharmacodynamics/ FROGS/ MELATONIN, pharmacodynamics/ *MELATONIN, physiology/ *MSH, antagonists & inhibitors/ NOREPINEPHRINE, pharmacodynamics/ *NOREPINEPHRINE, physiology/ PHENTOLAMINE, pharmacodynamics/ PHOSPHATASES, analysis/ *PIGMENTATION/ THEOPHYLLINE, antagonists & inhibitors

11. **Abe O**: [Study on gynecomastia and its possible association with malignant tumors. Gynecomastia]
    Jap J Cancer Clin 15:317-22, Mar 69 (Jap)
    ESTROGENS, urine/ *GYNECOMASTIA, complications/ HUMAN/ 17-KETOSTEROIDS, urine/ *LUNG NEOPLASMS, complications/ MALE/ MIDDLE AGE/ PREGNANETRIOL, urine

12. **Abe Y**: [Levels of urinary 6-beta-hydrocortisol and other polar corticosteroids in healthy children and its fluctuation by ACTH loading]
    Acta Paediat Jap 73:691-7, 1 May 69 (Jap)
    ADOLESCENCE/ *ADRENAL CORTEX HORMONES, urine/ AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ *CORTICOTROPIN, diagnostic use/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE

13. **Abraham JM**: Character of placentation in twins, as related to hemoglobin levels.
    Clin Pediat (Phila) 8:526-30, Sep 69
    AGE FACTORS/ CAPILLARIES/ ERGONOVINE, pharmacodynamics/ FEMALE/ *FETAL MEMBRANES, anatomy & histology/ FETAL MEMBRANES, physiology/ FETOFETAL TRANSFUSION, physiopathology/ *HEMOGLOBIN, analysis/ HUMAN/ INFANT, NEWBORN/ MALE/ *PLACENTA, anatomy & histology/ PLACENTA, physiology/ REGIONAL BLOOD FLOW, drug effects/ *TWINS/ VEINS

14. **Abrahamsen AM, Bergaust B**: Relapsing

polychondritis. Acta Med Scand 185:175-8, Mar 69
ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ BLOOD PROTEIN ELECTROPHORESIS/ *CARTILAGE DISEASES/ CASE REPORT/ CHORIORETINITIS, etiology/ HUMAN/ MALE/ POLYCHONDRITIS, RELAPSING/ POLYCHONDRITIS, RELAPSING, complications/ POLYCHONDRITIS, RELAPSING, diagnosis/ POLYCHONDRITIS, RELAPSING, drug therapy/ SERUM ALBUMIN, analysis/ SERUM GLOBULIN, analysis

15. **Abramets II:** O skhodstve D-serotoninovykh i alf'ha-adrenoretseptorov.
Biull Eksp Biol Med 67:63-5, Feb 69 (Rus)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ MALE/ NOREPINEPHRINE, pharmacodynamics/ RATS/ RECEPTORS, NEURAL, drug effects/ *RECEPTORS, NEURAL, physiology/ SEROTONIN, pharmacodynamics/ *SEROTONIN, physiology/ *STOMACH, physiology/ SYMPATHETIC NERVOUS SYSTEM/ SYMPATHETIC NERVOUS SYSTEM, drug effects/ *SYMPATHETIC NERVOUS SYSTEM, physiology/ SYMPATHOLYTICS, pharmacodynamics/ SYMPATHOMIMETICS, pharmacodynamics/ *TACHYPHYLAXIS/ *VAS DEFERENS, physiology

16. **Abramovich DR:** The importance of foetal physiology and endocrinology in obstetrics.
Med J Aust 2:408-11, 23 Aug 69
ADRENAL GLANDS, embryology/ ANENCEPHALUS, etiology/ *ENDOCRINE GLANDS, embryology/ ESTROGENS, biosynthesis/ *FETAL DISEASES, physiopathology/ FETUS, metabolism/ *FETUS, physiology/ GONADOTROPINS, CHORIONIC, physiology/ HUMAN/ OVARY, embryology/ PITUITARY GLAND, embryology/ PREGNANCY/ TESTIS, embryology/ THYROID GLAND, embryology

17. **Abrams WB, Solomon HM:** The human platelet as a pharmacologic model for the adrenergic neuron. The uptake and release of norepinephrine.
Clin Pharmacol Ther 10:702-9, Sep-Oct 69
AMINES, pharmacodynamics/ AMPHETAMINE, pharmacodynamics/ ANTIHISTAMINICS, pharmacodynamics/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ BRETYLIUM COMPOUNDS, pharmacodynamics/ CARBON ISOTOPES/ CHLOROMERCURIBENZOATES, pharmacodynamics/ COLD/ CYANIDES, pharmacodynamics/ DESIPRAMINE, pharmacodynamics/ DINITROPHENOLS, pharmacodynamics/ FLUORIDES, pharmacodynamics/ GUANETHIDINE, pharmacodynamics/ HUMAN/ ISOQUINOLINES, pharmacodynamics/ LITHIUM, pharmacodynamics/ NEURONS, drug effects/ *NEURONS, metabolism/ *NOREPINEPHRINE, metabolism/ OUABAIN, pharmacodynamics/ PHENYLEPHRINE, pharmacodynamics/ QUINIDINE, pharmacodynamics/ RESERPINE, pharmacodynamics/ SEROTONIN, metabolism/ SEROTONIN, pharmacodynamics/ *SYMPATHETIC NERVOUS SYSTEM, metabolism/ TRYPTAMINES, pharmacodynamics/ TYRAMINE, pharmacodynamics

18. **Abrin EN:** Sutochnyĭ ritm mitozov v nekotorykh organakh 10-nedel'nykh plodov cheloveka.
Biull Eksp Biol Med 67:100-2, Feb 69 (Rus)
ADRENAL GLANDS, cytology/ *ADRENAL GLANDS, embryology/ *CIRCADIAN RHYTHM/ CORNEA, cytology/ *CORNEA, embryology/ ENGLISH ABSTRACT/ EPITHELIUM/ FETUS/ HUMAN/ KIDNEY, cytology/ *KIDNEY, embryology/ *MITOSIS

19. **Aburel E:** Considération sur l'innervation du placenta et sa fonction vasomotrice.
Rev Franc Gynec Obstet 62:471-2, Sep 67 (Fre)
FEMALE/ FETUS/ HUMAN/ *PLACENTA, innervation/ *PLACENTA, physiology/ PREGNANCY/ *VASOMOTOR SYSTEM, physiology

20. **Aburel E, Pana S:** Recherches sur les fonctions inhibitrice, ocytocique et tocogène du placenta.
Rev Franc Gynec Obstet 62:469-70, Sep 67 (Fre)
FEMALE/ HUMAN/ *PLACENTA, physiology/ PREGNANCY/ *UTERUS, physiology

21. **Acevedo HF, Vela BA, Campbell EA, et al:** Urinary steroid profile during the puerperium.
Amer J Obstet Gynec 105:297-303, 1 Oct 69
ADOLESCENCE/ ADULT/ CARDIOVASCULAR DISEASES/ *ESTROGENS, urine/ FEMALE/ GESTATIONAL AGE/ HUMAN/ PARITY/ PREGNANCY/ PREGNANCY COMPLICATIONS, urine/ PREGNANCY TOXEMIAS, urine/ *PREGNANEDIOL, urine/ *PREGNANETRIOL, urine/ *PREGNENOLONE, urine/ *PUERPERIUM

22. **Acker G:** A propos du déterminisme hormonal de lise bas chez la ratte; róle de l'oestradiol.
C R Acad Sci [D] (Paris) 268:2196-9, 28 Apr 69 (Fre)
*ABORTION, etiology/ ANIMAL EXPERIMENTS/ CASTRATION/ *ESTRADIOL, physiology/ FEMALE/ HYPOPHYSECTOMY/ OVARY, physiology/ OXYTOCIN, pharmacodynamics/ PITUITARY GLAND, physiology/ RATS/ TIME FACTORS

23. **Acker G, Alloiteau JJ:** Hypophysectomie au début du cycle aestral de la ratte; rétablissement de l'aestrus vaginal et de l'aptitude à l'ovulation par les gonadotrophines hypophysaires.
C R Acad Sci [D] (Paris) 268:2934-7, 16 Jun 69 (Fre)
ANIMAL EXPERIMENTS/ *ESTRUS, drug effects/ FEMALE/ FSH, physiology/ *GONADOTROPINS, PITUITARY, physiology/ GRAAFIAN FOLLICLE, drug effects/ HYPOPHYSECTOMY/ INJECTIONS, INTRAVENOUS/ LH, physiology/ *OVULATION, drug effects/ *PITUITARY GLAND, physiology/ RATS/ TIME FACTORS/ *VAGINA, drug effects/ VAGINAL SMEARS

24. **Adachi H, Naga I:** [Oral contraceptives]
Sanfujin Jissai 18:320-6, Apr 69 (Jap)
*CONTRACEPTIVES, ORAL/ CONTRACEPTIVES, ORAL, administration & dosage/ CONTRACEPTIVES, ORAL, adverse effects/ CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ GENITALIA, FEMALE, drug effects/ HUMAN/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, drug effects/ MENSTRUATION, drug effects/ PREGNANCY

25. **Adachi S:** [Effect of glucocorticoid on the adipose tissue in guinea pigs]
Folia Endocr Jap 45:326-34, 20 Jun 69 (Jap)
*ADIPOSE TISSUE, drug effects/ ANIMAL EXPERIMENTS/ BROWN FAT, drug effects/ BROWN FAT, metabolism/ ENGLISH ABSTRACT/ EPIDIDYMIS, drug effects/ EPIDIDYMIS, metabolism/ FATTY ACIDS, NONESTERIFIED, metabolism/ FEMORAL ARTERY/ GLUCOSE, metabolism/ GUINEA PIGS/ IN VITRO/ INJECTIONS, INTRAMUSCULAR/ INJECTIONS, INTRAVENOUS/ LINOLEIC ACID, metabolism/ MALE/ PALMITIC ACID, metabolism/ PREDNISOLONE, blood/ *PREDNISOLONE, pharmacodynamics/ TIME FACTORS

26. **Adam M, Deyl Z, Rosmus J:** Změny stability kolagenní struktury u adjuvantní nemoci a jejich modifikace těžkými kovy. Fysiat Reum Vestn 47:175-80, 1969 (Cze)
ANIMAL EXPERIMENTS/ *COLLAGEN DISEASES, chemically induced/ *CONNECTIVE TISSUE, drug effects/ ENGLISH ABSTRACT/ *FREUND'S ADJUVANT/ HYDROCORTISONE/ LATHYRISM/ MALE/ *METALS/ *MODELS, BIOLOGIC/ RATS/ TAIL, drug effects/ TEMPERATURE

27. **Adamian SIa:** Vliianie antidiureticheskogo gormona, ionov kaliia, ionov kal'tsiia i razdrazheniia na pronitsaemost' skeletnykh myshts liagushki dlia

nizkomolekuliarnykh neelektrolitov.
Tsitologiia 11:154-62, Feb 69 (Rus)
ANIMAL EXPERIMENTS/ *CALCIUM, pharmacodynamics/ *CELL MEMBRANE/ ELECTRIC STIMULATION/ FROGS/ GLYCERIN/ IN VITRO/ *MUSCLES, drug effects/ PERMEABILITY/ *POTASSIUM, pharmacodynamics/ THIOUREA/ UREA/ *VASOPRESSIN, pharmacodynamics

28. **Adams BE:** Intussusception of a fallopian tube.
Amer J Surg 118:591-2, Oct 69
ADOLESCENCE/ *FALLOPIAN TUBES/ FALLOPIAN TUBES, surgery/ FEMALE/ GYNECOLOGIC DISEASES, etiology/ HUMAN/ OVARIAN CYSTS, complications

29. **Adams RG:** Isolation and identification of phospholipids of bovine rhodopsin.
J Lipid Res 10:473-8, Sep 69
ALCOHOL, ETHYL/ ANIMAL EXPERIMENTS/ CATTLE/ CEPHALINS, analysis/ CHROMATOGRAPHY, THIN LAYER/ DIGITALIS GLYCOSIDES/ FREEZE DRYING/ LECITHINS, analysis/ METHODS/ *PHOSPHOLIPIDS, analysis/ PHOSPHOLIPIDS, isolation & purification/ PHOSPHORUS, analysis/ PLASMALOGENS, analysis/ PRECIPITATION/ RETINA, cytology/ *RETINAL PIGMENTS, analysis/ RODS AND CONES, analysis/ SILICA/ SOLUBILITY/ SPHINGOMYELINS, analysis/ VITAMIN D

30. **Adams SS, Bough RG, Cliffe EE, et al:** Absorption, distribution and toxicity of ibuprofen.
Toxic Appl Pharmacol 15:310-30, Sep 69
ABNORMALITIES, DRUG-INDUCED/ ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ BRAIN CHEMISTRY/ CARBON ISOTOPES/ DOGS/ ENDOCRINE GLANDS, drug effects/ EYE, analysis/ FETUS, drug effects/ INTESTINAL ABSORPTION/ KIDNEY, analysis/ LIVER, analysis/ LUNG, analysis/ MICE/ MUSCLES, analysis/ ORGAN WEIGHT/ PREGNANCY, ANIMAL, drug effects/ PROPIONATES, administration & dosage/ PROPIONATES, analysis/ PROPIONATES, blood/ *PROPIONATES, metabolism/ *PROPIONATES, toxicity/ RABBITS/ RATS/ SKIN, analysis

31. **Addis M, Baglioni T, Cheli R, et al:** Azione del digiuno su talune costanti ematochimiche nella bovina, con particolare riguardo al calcio, fosforo, magnesio ed acido citrico. Arch Vet Ital 19:441-54, 31 Dec 68 (Ita)
BLOOD CHEMICAL ANALYSIS/ *CALCIUM, blood/ *CATTLE, physiology/ *CITRATES, blood/ ENGLISH ABSTRACT/ *FASTING/ *LACTATION/ *MAGNESIUM, blood/ *PHOSPHORUS, blood/ PREGNANCY

32. **Adlercreutz H, Kerstell J, Svanborg A, et al:** Studies in plasma neutral steroid sulphates, urinary 11-deoxy-17-ketosteroids and estrogens, and plasma lipids in patients with hypercholesterolemia or hyperlipemia. Ann Med Exp Biol Fenn 46:165-71, 1968
CHROMATOGRAPHY, GAS/ DEHYDROEPIANDROSTERONE, blood/ DEHYDROEPIANDROSTERONE, urine/ *ESTROGENS, urine/ FEMALE/ HUMAN/ *HYPERCHOLESTEREMIA, blood/ *HYPERCHOLESTEREMIA, urine/ *HYPERLIPEMIA, blood/ *HYPERLIPEMIA, urine/ *17-KETOSTEROIDS, urine/ *LIPIDS, blood/ MALE/ METHODS/ MIDDLE AGE/ SEX FACTORS/ *STEROIDS, blood/ SULFATES, blood

33. **Adrouny GA:** Differential patterns of glycogen metabolism in cardiac and skeletal muscles.
Amer J Physiol 217:686-93, Sep 69
ADENINE NUCLEOTIDES, analysis/ ANIMAL EXPERIMENTS/ CITRATES, analysis/ DIET/ FASTING/ FLUOROACETATES, pharmacodynamics/ GLUCOSYLTRANSFERASES, metabolism/ *GLYCOGEN, metabolism/ HYPOPHYSECTOMY/ MALE/ METHODS/ MUSCLES, enzymology/ *MUSCLES, metabolism/ MYOCARDIUM, enzymology/ *MYOCARDIUM, metabolism/ PITUITARY GLAND, physiology/ RATS/ SOMATOTROPIN/ SPECTROPHOTOMETRY

34. **Aeschlimann MI, Herrera C, Aspillaga MJ, et al:** Osteogenésis imperfecta. Consideraciones clínicas, genéticas y metabólicas a propósito de dos casos.
Rev Med Chile 96:133-7, Mar 68 (Spa)
ADULT/ CALCIUM, metabolism/ CHLORINE, metabolism/ HUMAN/ MALE/ *OSTEOGENESIS IMPERFECTA/ PHOSPHORUS, metabolism/ POTASSIUM, metabolism/ SODIUM, metabolism

35. **Afinogenova SA:** Aktg i gipofizarno-adrenalovaia sistema.
Probl Endokr (Moskva) 15:79-84, May-Jun 69 (Rus)
ADRENAL GLANDS, anatomy & histology/ ANIMAL EXPERIMENTS/ *CORTICOTROPIN, pharmacodynamics/ ENGLISH ABSTRACT/ GUINEA PIGS/ 17-HYDROXYCORTICOSTEROIDS, blood/ MALE/ PITUITARY-ADRENAL SYSTEM, drug effects/ *PITUITARY-ADRENAL SYSTEM, physiology/ STRESS, physiopathology

36. **Agarwala S, Heycock JB:** A case of Albright's syndrome. Brit J Clin Pract 23:339-40, Aug 69
CHILD, PRESCHOOL/ FEMALE/ FEMUR, radiography/ *FIBROUS DYSPLASIA OF BONE, diagnosis/ FIBROUS DYSPLASIA OF BONE, etiology/ HUMAN/ PIGMENTATION/ PUBERTY, PRECOCIOUS

37. **Agati R, Di Stefano C, Poletti AM:** Sull'uso topico di un nuovo steroide, il fluperolone, in alcune lesioni dermatologiche professionali e non professionali.
Minerva Derm 42:483-6, Sep 67 (Ita)
BURNS, drug therapy/ DERMATITIS, CONTACT, drug therapy/ ECZEMA, drug therapy/ HUMAN/ LEG ULCER, drug therapy/ MALE/ *OCCUPATIONAL DERMATITIS, drug therapy/ PSORIASIS, drug therapy/ *SKIN DISEASES, drug therapy/ *STEROIDS, therapeutic use/ VARICOSE ULCER, drug therapy

38. **Agnew JE, Kehayoglou AK, Holdsworth CD:** Comparison of three isotopic methods for the study of calcium absorption. Gut 10:590-7, Jul 69
CALCIUM, analysis/ CALCIUM, blood/ *CALCIUM, metabolism/ CALCIUM, urine/ *CALCIUM ISOTOPES/ CALCIUM METABOLISM DISORDERS/ COMPARATIVE STUDY/ FECES, analysis/ HUMAN/ INJECTIONS, INTRAVENOUS/ *INTESTINAL ABSORPTION/ METHODS/ RADIOISOTOPES/ VITAMIN D, pharmacodynamics

39. **Agostinis G:** Preparazione dell'operando affetto da insufficienza respiratoria acuta o da insufficienza respiratoria cronica scompensata.
Acta Anaesth (Padova) 19:Suppl 5:139-44, 1968 (Ita)
ACUTE DISEASE/ ADULT/ AGED/ BRAIN INJURY, ACUTE, complications/ BRAIN NEOPLASMS, complications/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT, NEWBORN/ MALE/ MIDDLE AGE/ MITRAL VALVE INSUFFICIENCY, complications/ *PREOPERATIVE CARE/ PULMONARY EDEMA, complications/ *RESPIRATORY INSUFFICIENCY/ *SURGERY, OPERATIVE/ THORACIC INJURIES, complications/ THYROIDECTOMY, adverse effects/ TRACHEAL NEOPLASMS, complications

40. **Aguero O, Zigheiboim I:** Amniografía en la mola hidatidiforme.
Rev Obstet Ginec Venez 29:291-304, 1968 (Spa)
ADOLESCENCE/ ADULT/ *AMNIOTIC FLUID, radiography/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYDATIDIFORM MOLE, radiography/ METHODS/ PREGNANCY

41. **Agurell S, Holmstedt B, Lindgren JE, et al:** Alkaloids in certain species of Virola and other South American plants of ethnopharmacologic interest.
Acta Chem Scand 23:903-16, 1969
*ALKALOIDS, analysis/ ALKALOIDS, isolation

& purification/ BRAZIL/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ HALLUCINOGENS, analysis/ INDIANS, SOUTH AMERICAN/ *INDOLES, analysis/ *PLANTS, MEDICINAL, analysis/ SEROTONIN, analysis/ SPECTROPHOTOMETRY/ SPECTRUM ANALYSIS/ *TRYPTAMINES, analysis/ ULTRAVIOLET RAYS

42. **Ahluwalia PP, Agrawal RV, Rawat MS, et al:** Chloroma with autopsy reports.
J All India Ophthal Soc 16:81-4, Jun 68
CHILD, PRESCHOOL/ EXOPHTHALMOS, etiology/ HUMAN/ LEUKEMIA, MYELOCYTIC, complications/ *LEUKEMIA, MYELOCYTIC, pathology/ MALE

43. **Ahmad KN, Lennox B, Mack WS:** Estimation of the volume of Leydig cells in man.
Lancet 2:461-4, 30 Aug 69
ADOLESCENCE/ ADULT/ AGED/ BIOPSY/ CHILD/ CRYPTORCHISM, pathology/ ENDOCRINOLOGY, instrumentation/ HUMAN/ KLINEFELTER'S SYNDROME, pathology/ *LEYDIG CELLS, cytology/ MALE/ METHODS/ MIDDLE AGE/ TESTIS, anatomy & histology/ *TESTIS, cytology

44. **Ahmed K, Williams-Ashman HG:** Studies on the microsomi sodium-plus-potassium ion-stimulated adenosine triphosphatase system in rat ventral prostate. Biochem J 113:829-36, Aug 69
ADENOSINE TRIPHOSPHATASE, antagonists & inhibitors/ *ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ CALCIUM/ CASTRATION/ CENTRIFUGATION, DENSITY GRADIENT/ IN VITRO/ MAGNESIUM/ *MICROSOMES, enzymology/ OUABAIN, pharmacodynamics/ *POTASSIUM/ *PROSTATE, enzymology/ RATS/ *SODIUM/ SPERMINE/ TESTOSTERONE, pharmacodynamics

45. **Ahmed Z, Siddiqui MA, Khan I:** Combined effects of diphenyliodonium chloride, pine oils, and mustard oil soaps on certain microorganisms.
Appl Microbiol 17:857-60, Jun 69
ALCOHOL, ETHYL, pharmacodynamics/ BACTERIOLOGICAL TECHNICS/ CORYNEBACTERIUM DIPHTHERIAE, drug effects/ DIPLOCOCCUS PNEUMONIAE, drug effects/ *DISINFECTANTS, pharmacodynamics/ EMULSIONS/ ESCHERICHIA COLI, drug effects/ *IODINE, pharmacodynamics/ *MUSTARD COMPOUNDS, pharmacodynamics/ PHENOLS, pharmacodynamics/ SALMONELLA PARATYPHI, drug effects/ SALMONELLA TYPHOSA, drug effects/ SHIGELLA DYSENTERIAE, drug effects/ SHIGELLA SONNEI, drug effects/ SOAPS/ SPORES, drug effects/ STAPHYLOCOCCUS, drug effects/ STREPTOCOCCUS PYOGENES, drug effects/ *TERPENES, pharmacodynamics

46. **Ahrén C, Hansson G, Hedner P:** Nuclear shape variations in the fascicular zone of the rat adrenal gland. I. Effect of corticotrophin.
Acta Endocr (Kobenhavn) 59:652-9, Dec 68
ADRENAL CORTEX HORMONES, analysis/ ADRENAL CORTEX HORMONES, blood/ ADRENAL GLANDS, analysis/ ADRENAL GLANDS, cytology/ *ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ *CELL NUCLEUS, drug effects/ CORTICOTROPIN, pharmacodynamics/ KARYOMETRY/ MALE/ RATS

47. **Ahrén C, Hansson G, Hedner P, et al:** Nuclear shape variations in the fascicular zone of the rat adrenal gland. 2. Effect of unilateral adrenalectomy with and without hypophysectomy.
Acta Endocr (Kobenhavn) 59:660-7, Dec 68
ADRENAL CORTEX HORMONES, biosynthesis/ ADRENAL CORTEX HORMONES, blood/ ADRENAL CORTEX HORMONES, secretion/ *ADRENAL GLANDS, physiology/ *ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *CELL NUCLEUS, physiology/ HYPOPHYSECTOMY/ KARYOMETRY/ MALE/ RATS

48. **Ahtee L, Paasonen MK:** Influence of some phenothiazine derivatives and related agents on glucose oxidation and 5-hydroxytryptamine content in blood platelets.
Ann Med Exp Biol Fenn 46:423-8, 1968
ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, metabolism/ CHLORPROMAZINE, pharmacodynamics/ *GLUCOSE, metabolism/ MALE/ OXIDATION-REDUCTION/ *PHENOTHIAZINES, pharmacodynamics/ PHOTOMETRY/ RABBITS/ *SEROTONIN, metabolism

49. **Aida T:** [Quantitative determination of growth hormones in the human fetus using radioimmunoassay]
J Jap Obstet Gynec Soc 21:364-70, Apr 69 (Jap)
BLOOD/ BODY WEIGHT/ FEMALE/ *FETUS/ GESTATIONAL AGE/ HUMAN/ MALE/ ORGAN WEIGHT/ PLACENTA/ PREGNANCY/ RADIOIMMUNOASSAY/ *SOMATOTROPIN, blood/ UMBILICAL CORD

50. **Aiken RA:** An account of the Birmingham "sextuplets".
J Obstet Gynaec Brit Comm 76:684-91, Aug 69
ABORTION, MISSED/ ADULT/ CESAREAN SECTION/ FEMALE/ FETAL DEATH/ *GONADOTROPINS, PITUITARY, therapeutic use/ HUMAN/ MALE/ PLACENTA/ PREGNANCY/ *PREGNANCY, MULTIPLE/ *STERILITY, FEMALE, drug therapy/ STERILITY, MALE, drug therapy/ TESTOSTERONE, therapeutic use

51. **Aillet J:** Le calcium: son métabolisme, son excés dans l'organisme.
Anesth Analg (Paris) 26:363-75, May-Jun 69 (Fre)
ALKALINE PHOSPHATASE, analysis/ ALKALOSIS/ BONE AND BONES, metabolism/ CALCIUM, blood/ *CALCIUM, metabolism/ CALCIUM, urine/ HUMAN/ *HYPERCALCEMIA/ HYPERCALCEMIA, diagnosis/ HYPERCALCEMIA, etiology/ HYPERCALCEMIA, radiography/ *HYPERPARATHYROIDISM, complications/ HYPERTHYROIDISM/ INTESTINAL ABSORPTION/ KIDNEY, metabolism/ KIDNEY CONCENTRATING ABILITY/ KIDNEY FAILURE, CHRONIC, metabolism/ PARATHYROID HORMONE, physiology/ PEPTIC ULCER/ PHOSPHORUS, blood/ PHOSPHORUS, metabolism/ VITAMIN D, physiology

52. **Ainsworth L, Ryan KJ:** Steroid hormone transformations by endocrine organs from pregnant mammals. V. The biosynthesis and metabolism of progesterone and estrogens by orangutan placental tissue in vitro. Steroids 14:301-14, Sep 69
*ANDROSTANES, metabolism/ ANIMAL EXPERIMENTS/ APES/ CARBON ISOTOPES/ CHROMATOGRAPHY, THIN LAYER/ *ESTRADIOL, biosynthesis/ *ESTRONE, biosynthesis/ FEMALE/ IN VITRO/ *17-KETOSTEROIDS, metabolism/ METHODS/ *PLACENTA, metabolism/ PREGNANCY/ *PREGNENOLONE, metabolism/ *PROGESTERONE, biosynthesis/ PROGESTERONE, metabolism/ TRITIUM

53. **Airaksinen MM, McIsaac WM:** Indolealkylamines and behavior.
Ann Med Exp Biol Fenn 46:367-81, 1968 (177 ref.)
ALKALOIDS, pharmacodynamics/ AMINES, metabolism/ ANIMAL EXPERIMENTS/ *BEHAVIOR, drug effects/ BRAIN, metabolism/ *BRAIN CHEMISTRY, drug effects/ CATS/ CHEMISTRY/ DEPRESSION, metabolism/ DEPRESSION, CHEMICAL/ HALLUCINATIONS, chemically induced/ HALLUCINOGENS, antagonists & inhibitors/ *HALLUCINOGENS, pharmacodynamics/ HOSTILITY/ HUMAN/ HYDROXYTRYPTOPHAN, metabolism/ INDOLES, metabolism/ MICE/ MONOAMINE OXIDASE, pharmacodynamics/ REVIEW/

SCHIZOPHRENIA, metabolism/ SEROTONIN, metabolism

54. **Aitken JM, Dunnigan MG**: Insulin and corticoid response to intravenous fructose in relation to glucose tolerance. Brit Med J 3:276-7, 2 Aug 69
*ADRENAL CORTEX HORMONES, blood/ ADULT/ AGED/ BLOOD SUGAR/ DIABETES MELLITUS, blood/ FEMALE/ *FRUCTOSE, diagnostic use/ *GLUCOSE TOLERANCE TEST/ HUMAN/ *INSULIN, blood/ MALE/ MIDDLE AGE

55. **Aiuti F, Turbessi G, Reverberi L**: Primi risultati sulla sintesi delle immunoglobuline in vitro da parte della placenta e delle membrane fetali umane.
Boll Soc Ital Biol Sper 44:1507-9, 30 Sep 68 (Ita)
ADULT/ FEMALE/ *FETAL MEMBRANES, metabolism/ *GAMMA GLOBULIN, biosynthesis/ *GAMMA GLOBULIN, 7S, biosynthesis/ *GAMMA GLOBULIN, 19S, biosynthesis/ HUMAN/ IMMUNOELECTROPHORESIS/ *PLACENTA, metabolism/ RADIOAUTOGRAPHY

56. **Akamura R, Tsunemitsu A, Matsumura T**: Effect of adrenal cortical hormones and insulin on the alkaline phosphatase activity of alveolar bone in scorbutic guinea pigs. Arch Oral Biol 14:725-8, Jun 69
*ADRENAL CORTEX HORMONES, pharmacodynamics/ *ALKALINE PHOSPHATASE, analysis/ *ALVEOLAR PROCESS, drug effects/ ALVEOLAR PROCESS, enzymology/ ANIMAL EXPERIMENTS/ ASCORBIC ACID, blood/ *ASCORBIC ACID DEFICIENCY, enzymology/ CORTISONE, pharmacodynamics/ DESOXYCORTICOSTERONE, pharmacodynamics/ GUINEA PIGS/ *INSULIN, pharmacodynamics/ MALE

57. **Akasu F, Kuwabara S, Iwakami T, et al**: Some opinions on causal relationship between chorioepithelioma and endocrine milieu. Endocr Jap 16:205-10, Feb 69
ANIMAL EXPERIMENTS/ *CHORIOCARCINOMA, etiology/ ESTRADIOL, urine/ ESTRIOL, urine/ *ESTROGENS/ FEMALE/ FLUOROMETRY/ *GONADOTROPINS, CHORIONIC/ HUMAN/ IMMUNE SERUMS/ MICE/ ORGAN WEIGHT/ OVARIAN NEOPLASMS, immunology/ OVARY/ PLACENTA/ PREGNANCY/ RABBITS/ RATS/ RETICULOENDOTHELIAL SYSTEM/ THYMECTOMY/ TIME FACTORS/ UTERUS

58. **Akerblom B**: Anatomische und Physiologische Grundlagen zur Gestaltung von Sitzen.
Ergonomics 12:120-31, Mar 69 (Ger)
BODY HEIGHT/ *BONE AND BONES, anatomy & histology/ ELECTROMYOGRAPHY/ FEMALE/ HUMAN/ *HUMAN ENGINEERING/ MALE/ *MUSCLES, physiology/ *POSTURE/ SPINE, physiology

59. **Akesson HO, Olanders S**: Frequency of negative sex chromatin among women in mental hospitals.
Hum Hered 19:43-7, 1969
FEMALE/ HUMAN/ INTELLIGENCE TESTS/ *MENTAL RETARDATION, familial & genetic/ *SEX CHROMATIN/ SEX CHROMOSOME ABNORMALITIES/ *TURNER'S SYNDROME

60. **Akhunbaev IK, Kogan DA**: Prizhiznennaia punktsionnaia biopsiia pecheni u bol'nykh toksicheskim zobom.
Probl Endokr (Moskva) 15:19-22, Mar-Apr 69 (Rus)
ADOLESCENCE/ ADULT/ AGED/ BIOPSY/ ENGLISH ABSTRACT/ FEMALE/ *GOITER, pathology/ HUMAN/ *HYPERTHYROIDISM, pathology/ *LIVER, pathology/ MALE/ MIDDLE AGE

61. **Akino T**: Studies on sphingolipids. I. Gas-liquid chromatographic analyses of sphingosine bases.
Sapporo Med J 34:255-65, Nov 68
ANIMAL EXPERIMENTS/ *BRAIN CHEMISTRY/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ COMPARATIVE STUDY/ IODINE/ *LIPIDS, analysis/ MANGANESE/ OXIDATION-REDUCTION/ SILICONES/ SWINE

62. **Akman N, Ulutin ON**: Trombosit faktör 4 ün release mekanizmasi üzerinde bir çalişma.
Tip Fak Mec (Istanbul) 31:451-4, 1968 (Tur)
ADENINE NUCLEOTIDES/ BLOOD COAGULATION/ *CALCIUM, metabolism/ COLLAGEN/ ENGLISH ABSTRACT/ HUMAN/ THROMBIN

63. **Akoun G, Vachon J, Muon N, et al**: La prescription à jour alterné de la corticothérapie au long cours.
Sem Hop Paris 44:3141-9, 8 Dec 68 (Fre)
*ADRENAL CORTEX HORMONES, administration & dosage/ ADRENAL GLAND HYPERFUNCTION, prevention & control/ ADRENAL GLAND HYPOFUNCTION, chemically induced/ ADULT/ ASTHMA, drug therapy/ CORTICOTROPIN, diagnostic use/ CORTISONE, administration & dosage/ DRUG TOLERANCE/ ENGLISH ABSTRACT/ FEMALE/ GASTROINTESTINAL DISEASES, chemically induced/ GLUCOCORTICOIDS, administration & dosage/ GLUCOCORTICOIDS, adverse effects/ GLUCOCORTICOIDS, metabolism/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, blood/ 17-HYDROXYCORTICOSTEROIDS, urine/ INFECTION/ MALE/ PITUITARY-ADRENAL FUNCTION TESTS/ *PREDNISONE, administration & dosage/ TUBERCULOSIS, LYMPH NODE, drug therapy/ TUBERCULOSIS, PLEURAL, drug therapy/ TUBERCULOSIS, PULMONARY, drug therapy

64. **Akram H, Weniger JP**: Activité hormonale des gonades d'embryons de Poulet hypophysectomisés.
J Embryol Exp Morph 21:509-15, Jun 69 (Fre)
ANIMAL EXPERIMENTS/ CHICK EMBRYO/ FEMALE/ *GONADS, embryology/ *GONADS, secretion/ HYPOPHYSECTOMY/ IN VITRO/ MALE/ MULLERIAN DUCTS/ *PITUITARY GLAND, physiology/ *SEX HORMONES, secretion/ TESTIS/ TISSUE CULTURE

65. **Alaoui A, Potet F, Burtin P, et al**: Maladie de Waldenström et amylose. (A propos d'une observation anatomo-clinique)
Sem Hop Paris 45:768-76, 8 Mar 69 (Fre)
AGED/ *AMYLOIDOSIS, complications/ AMYLOIDOSIS, diagnosis/ AMYLOIDOSIS, pathology/ BLOOD CELL COUNT/ BLOOD PROTEIN ELECTROPHORESIS/ BLOOD SEDIMENTATION/ BONE MARROW, pathology/ CASE REPORT/ CYCLOPHOSPHAMIDE, therapeutic use/ GASTROINTESTINAL SYSTEM, pathology/ HEMATOCRIT/ HUMAN/ IMMUNOELECTROPHORESIS/ KIDNEY, pathology/ LUNG, pathology/ LYMPH NODES, pathology/ *MACROGLOBULINEMIA, complications/ MACROGLOBULINEMIA, diagnosis/ MACROGLOBULINEMIA, pathology/ MALE/ MYOCARDIUM, pathology/ NITROGEN, blood/ OSTEOPOROSIS, complications/ PANCREAS, pathology/ PERICARDIUM, pathology/ SERUM GLOBULIN, analysis/ SPLEEN, pathology/ TESTIS, pathology

66. **Alavoine J, Graber A**: L'amygdalectomie extra-capsulaire sous anasthésie générale. A propos de 100 cas.
Ann Otolaryng (Paris) 86:305-10, Apr-May 69 (Fre)
*ANESTHESIA, GENERAL/ ANTI-INFECTIVE AGENTS, administration & dosage/ ANTI-INFLAMMATORY AGENTS, administration & dosage/ DEGLUTITION DISORDERS, etiology/ HUMAN/ HYDROCORTISONE, administration & dosage/ PLANT EXTRACTS, administration & dosage/ POSTOPERATIVE COMPLICATIONS/ POTASSIUM/ PREANESTHETIC MEDICATION/ PREOPERATIVE CARE/ QUINOLINES, administration & dosage/ TONSIL, anatomy & histology/ TONSIL, blood supply/ *TONSILLECTOMY/ TONSILLECTOMY, adverse effects

67. **Alberto P**: Remarques sur le traitement des tumeurs

solides par le 5-fluoro-uracile.
Ther Umsch 26:415-21, Jul 69 (Fre)
ADULT/ BREAST NEOPLASMS, drug therapy/ CARCINOMA, SCIRRHOUS, drug therapy/ FEMALE/ *FLUOROURACIL, therapeutic use/ GASTROINTESTINAL NEOPLASMS, drug therapy/ HEPATOMA, drug therapy/ HUMAN/ LIVER NEOPLASMS, drug therapy/ MALE/ MIDDLE AGE/ *NEOPLASMS, drug therapy/ TERATOID TUMOR, drug therapy/ TESTICULAR NEOPLASMS, drug therapy

68. **Albuquerque RH, Wajchenberg BL:** A simple technique for separation of cortisol metabolites by thin-layer chromatography and its application for the measurement of cortisol secretion rate.
Arq Brasil Endocr 16:183-90, Dec 67
ADOLESCENCE/ ADULT/ CHROMATOGRAPHY, THIN LAYER/ HUMAN/ HYDROCORTISONE, analysis/ *HYDROCORTISONE, secretion/ MALE/ METHODS/ MIDDLE AGE/ SECRETORY RATE

69. **Alcock NW, Rd JA:** A model for studying the initiation of normal calcification in vivo.
Biochem J 112:511-3, May 69
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ BODY WEIGHT/ *BONE AND BONES, metabolism/ *CALCIFICATION, PHYSIOLOGIC/ CALCIUM, metabolism/ CARTILAGE, growth & development/ *CARTILAGE, metabolism/ CITRATES, metabolism/ FEMALE/ *FLUORIDES, metabolism/ MAGNESIUM, metabolism/ METHODS/ PHOSPHATES, metabolism/ RATS/ RIBS

70. **Alcock NW, Shils ME:** Association of inorganic pyrophosphatase activity with normal calcification of rat costal cartilage in vivo.
Biochem J 112:505-10, May 69
AGING/ *ALKALINE PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ *CALCIFICATION, PHYSIOLOGIC/ *CALCIUM, metabolism/ CALCIUM CHLORIDE, metabolism/ CALCIUM ISOTOPES/ *CARTILAGE, enzymology/ CARTILAGE, metabolism/ DIALYSIS/ FEMALE/ HYDROGEN-ION CONCENTRATION/ MAGNESIUM, metabolism/ PHOSPHATES, metabolism/ *PYROPHOSPHATASE, metabolism/ RATS/ RIBS

71. **Aledort LM, Hirsch C, Udkow M, et al:** Effect of anticoagulants on calcium and magnesium content of human platelets. Transfusion 9:212-3, Jul-Aug 69
*ANTICOAGULANTS, pharmacodynamics/ *BLOOD PLATELETS, drug effects/ BLOOD PLATELETS, metabolism/ *CALCIUM, metabolism/ HUMAN/ *MAGNESIUM, metabolism/ SPECTROPHOTOMETRY

72. **Alekseev LG:** Funktsional'noe sostoianie shchitovidnoĭ zhelezy pri gipogonadizme.
Probl Endokr (Moskva) 14:33-6, May-Jun 68 (Rus)
ADOLESCENCE/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPOGONADISM, physiopathology/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ MIDDLE AGE/ PROTEIN-BOUND IODINE TEST/ *THYROID GLAND, physiopathology

73. **Alekseeva LM, Savchenko ON:** Ekskretsiia éstrogenov i pregnandiola u zhenshchin, perenesshikh nadvlagalishchiuiu amputatsiiu matki s plastikoĭ éndometriia po povodu fibromiomy.
Probl Endokr (Moskva) 15:37-42, May-Jun 69 (Rus)
ADULT/ ENGLISH ABSTRACT/ ESTRADIOL, urine/ ESTRIOL, urine/ *ESTROGENS, urine/ ESTRONE, urine/ FEMALE/ HUMAN/ *LEIOMYOMA, surgery/ *PREGNANEDIOL, urine/ *UTERINE NEOPLASMS, surgery

74. **Aleshin BV, Tkach FS:** Autoimmunnyĭ tireoidit (patogenez, klinika, diagnostika i lechenie)
Probl Endokr (Moskva) 14:113-7, Nov-Dec 68 (Rus)
*AUTOIMMUNE DISEASES/ CORTICOTROPIN, therapeutic use/ GLUCOCORTICOIDS, therapeutic use/ GOITER/ HUMAN/ THYROIDITIS, diagnosis/ THYROIDITIS, etiology/ *THYROIDITIS, immunology/ THYROIDITIS, surgery/ THYROIDITIS, therapy

75. **Alexander RW, Kuzela L, Kerth WJ, et al:** Adrenal catecholamine and cortisol secretion during extracorporeal circulation in dogs.
J Thorac Cardiovasc Surg 58:250-8, Aug 69
ADRENAL GLANDS, blood supply/ ADRENAL GLANDS, secretion/ ANIMAL EXPERIMENTS/ CORTICOTROPIN, diagnostic use/ DOGS/ EPINEPHRINE, blood/ *EPINEPHRINE, secretion/ *EXTRACORPOREAL CIRCULATION/ EXTRACORPOREAL CIRCULATION, adverse effects/ HEMATOCRIT/ HYDROCORTISONE, blood/ *HYDROCORTISONE, secretion/ INSULIN, diagnostic use/ NOREPINEPHRINE, blood/ *NOREPINEPHRINE, secretion/ REGIONAL BLOOD FLOW

76. **Alfthan O, Lempinen M, Mustala O, et al:** Changes in blood and intestinal 5-hydroxytryptamine content during experimental obstruction of the mesenteric artery. Ann Med Exp Biol Fenn 46:511-5, 1968
ANIMAL EXPERIMENTS/ DUODENUM, analysis/ FEMALE/ ILEUM, analysis/ INTESTINAL OBSTRUCTION/ *INTESTINES, analysis/ MALE/ MESENTERIC ARTERIES/ METHODS/ MICROSCOPY, FLUORESCENCE/ ORGAN WEIGHT/ RATS/ *SEROTONIN, analysis/ *SEROTONIN, blood

77. **Allcroft R, Roberts BA, Lloyd MK:** Excretion of aflatoxin in a lactating cow.
Food Cosmet Toxic 6:619-25, Dec 68
AFLATOXIN, analysis/ *AFLATOXIN, metabolism/ AFLATOXIN, urine/ ANIMAL EXPERIMENTS/ CATTLE/ FECES, analysis/ *LACTATION/ MILK, analysis/ SHEEP

78. **Allen JC:** Sympathetic ophthalmia, a disappearing disease. JAMA 209:1090, 18 Aug 69
CATARACT EXTRACTION/ CHOROID, pathology/ EPITHELIUM, pathology/ EYE INJURIES, surgery/ GLAUCOMA, surgery/ HUMAN/ LYMPHOCYTES/ OPHTHALMIA, SYMPATHETIC, etiology/ *OPHTHALMIA, SYMPATHETIC, occurrence/ OPHTHALMIA, SYMPATHETIC, pathology/ *POSTOPERATIVE COMPLICATIONS, occurrence/ RETINA, pathology/ STEROIDS, therapeutic use

79. **Alloiteau JJ, Acker G:** Allongement du cycle oestral de la Ratte par l'hormine luteinisante hypophysaire.
C R Acad Sci [D] (Paris) 268:826-9, 3 Feb 69 (Fre)
ANIMAL EXPERIMENTS/ *ESTRUS, drug effects/ FEMALE/ FSH, pharmacodynamics/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, INTRAVENOUS/ INJECTIONS, SUBCUTANEOUS/ LH, administration & dosage/ *LH, pharmacodynamics/ RATS/ TIME FACTORS/ VAGINAL SMEARS

80. **Almeida JC de, Kayth H, Barcinski MA, et al:** Dermatoglyphic studies in Turner's syndrome.
Arq Brasil Endocr 16:149-62, Dec 67
*DERMATOGLYPHICS/ FEMALE/ HUMAN/ MALE/ *TURNER'S SYNDROME

81. **Almeida R de:** Bócio congénito.
Rev Port Pediat 31:246-59, Sep-Oct 68 (Por)
CASE REPORT/ *GOITER, congenital/ GOITER, therapy/ HUMAN/ INFANT, NEWBORN/ MALE/ THYROXINE, therapeutic use

82. **Almquist EE, Gordon LH, Blue AI:** Congenital dislocation of the head of the radius.
J Bone Joint Surg [Amer] 51:1118-27, Sep 69
ADULT/ ARTHROGRYPOSIS, complications/ BODY HEIGHT/ BONE AND BONES, abnormalities/ BONE DISEASES, complications/ CHILD/ CHILD, PRESCHOOL/ DISLOCATIONS, classification/ DISLOCATIONS, complications/ *DISLOCATIONS, congenital/ DISLOCATIONS,

etiology/ DISLOCATIONS, radiography/ DWARFISM, complications/ EHLERS-DANLOS SYNDROME, complications/ ELBOW, abnormalities/ EXOSTOSES, MULTIPLE, complications/ FEMALE/ HUMAN/ INFANT/ KLINEFELTER'S SYNDROME, complications/ MALE/ MENTAL RETARDATION, complications/ NAIL-PATELLA SYNDROME, complications/ OSTEOCHONDRITIS, complications/ *RADIUS, injuries/ RADIUS, radiography/ SEX DISORDERS, complications

83. **Alp H**: Tiroid bezinin fizyolojisi.
Turk Tip Cem Mec 35:211-3, Apr 69 (Tur)
HUMAN/ *THYROID GLAND, physiology

84. **Alsen V**: Diagnostische Probleme im Grenzland hirnorganischer Anfallsleiden.
Med Klin 64:1460-5, 15 Aug 69 (Ger)
ADOLESCENCE/ ADULT/ DIAGNOSIS, DIFFERENTIAL/ ELECTROENCEPHALOGRAPHY/ EPILEPSY, complications/ *EPILEPSY, diagnosis/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ MIGRAINE, etiology/ NEUROCIRCULATORY ASTHENIA, etiology/ PHOBIAS, etiology/ PSYCHOSES, etiology/ SYNCOPE, etiology/ TETANY, etiology/ VERTIGO, etiology

85. **Amaral L, Moriber LG, Himes M**: The effect of cortisone on the volume and total protein content of mouse liver nuclei. J Cell Biol 42:835-6, Sep 69
ANIMAL EXPERIMENTS/ *CELL NUCLEUS, drug effects/ *CORTISONE, pharmacodynamics/ HISTOCYTOCHEMISTRY/ HISTONES/ *LIVER, drug effects/ MALE/ MICE/ *NUCLEOPROTEINS/ SPECTROPHOTOMETRY/ STAINS AND STAINING

86. **Ambrosetto C, Loperfido E**: Sull'insuccesso scolastico secondario ad inibizione della attività intellettiva in minori ben dotati.
Riv Sper Freniat 91:1719-22, 31 Dec 67 (Ita)
AFFECTIVE DISTURBANCES/ CHILD/ *CHILD, GIFTED/ FEMALE/ HUMAN/ MALE/ *NEUROSES, etiology/ PUBERTY/ *STUDENT DROPOUTS

87. **Amerio JM, Serra A, Sargentini S, et al**: Karyotype 45,X-46,XXr-46,XX in a girl affected by gonadal dysgenesis. Ann Genet (Paris) 11:258-61, Dec 68
ADOLESCENCE/ BLOOD GROUPS/ *CHROMOSOME ABERRATIONS/ FEMALE/ HUMAN/ *MOSAICISM/ SEX CHROMATIN/ *TURNER'S SYNDROME

88. **Amormino V, Bellomonte G, Cingolani E**: Separazione e determinazione degli esteri del testosterone nelle soluzioni oleose. Ann Ist Sup Sanit 4:65-74, 1968 (Ita)
ALUMINUM/ CHEMISTRY, PHARMACEUTICAL/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ ENGLISH ABSTRACT/ ESTERS, analysis/ GELS/ *OILS, analysis/ PROPIONATES, analysis/ SILICA/ SOLUTIONS, analysis/ SPECTROPHOTOMETRY/ *TESTOSTERONE, analysis

89. **Amormino V, Bellomonte G, Carelli G, et al**: Gas-cromatografia e determinazione degli esteri del testosterone in miscela.
Ann Ist Sup Sanit 4:108-10, 1968 (Ita)
ANDROSTANES, analysis/ BUTYRATES, analysis/ CHEMISTRY, PHARMACEUTICAL/ CHROMATOGRAPHY, GAS/ ESTERS, analysis/ *OILS, analysis/ PROPIONATES, analysis/ *TESTOSTERONE, analysis/ TESTOSTERONE, isolation & purification

90. **Amosov NM, Chepkii LP, Tsyganii AA**: K voprosu o vzaimootnoshenii vedushchikh pokazatelei gemodinamiki bol'shogo i malogo kruga krovoobrashcheniia pri mitral'nom stenoze.
Kardiologiia 9:87-92, Feb 69 (Rus)
ADRENAL GLAND HYPERFUNCTION, complications/ BICARBONATES, blood/ *BLOOD CIRCULATION/ BLOOD PRESSURE/ BLOOD VOLUME/ CARBON DIOXIDE, blood/ CARDIAC OUTPUT/ CATECHOLAMINES, secretion/ CATECHOLAMINES, urine/ ENGLISH ABSTRACT/ HEART ATRIUM/ *HEMODYNAMICS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYPERTENSION, PULMONARY, etiology/ LACTATES, blood/ MITRAL VALVE STENOSIS, blood/ MITRAL VALVE STENOSIS, complications/ MITRAL VALVE STENOSIS, metabolism/ *MITRAL VALVE STENOSIS, physiopathology/ MITRAL VALVE STENOSIS, urine/ OXYGEN, blood/ PARTIAL PRESSURE/ *PULMONARY CIRCULATION/ PYRUVATES, blood/ REGIONAL BLOOD FLOW/ VASCULAR RESISTANCE/ VEINS

91. **Anan'eva AA**: Supraopticheskoe i paraventrikuliarnoe iadra perednego gipotalamusa vo vremia beremennosti i rodov.
Probl Endokr (Moskva) 14:74-9, Jul-Aug 68 (Rus)
ANIMAL EXPERIMENTS/ FEMALE/ *HYPOTHALAMUS, anatomy & histology/ HYPOTHALAMUS, physiology/ *LABOR/ PREGNANCY/ *PREGNANCY, ANIMAL/ RATS

92. **Andén NE**: Effect of reserpine and other drugs on the monoamine metabolism with special reference to the CNS. Ann Med Exp Biol Fenn 46:361-6, 1968
ANIMAL EXPERIMENTS/ APOMORPHINE, pharmacodynamics/ *CENTRAL NERVOUS SYSTEM, drug effects/ CHLORPROMAZINE, pharmacodynamics/ DOPAMINE, metabolism/ ENZYME INDUCTION, drug effects/ HALOPERIDOL, pharmacodynamics/ IMIPRAMINE, pharmacodynamics/ LYSERGIC ACID DIETHYLAMIDE, pharmacodynamics/ MICE/ *MONOAMINE OXIDASE, metabolism/ *MONOAMINE OXIDASE INHIBITORS, pharmacodynamics/ *NEURAL TRANSMISSION, drug effects/ NOREPINEPHRINE, metabolism/ *RESERPINE, pharmacodynamics/ SEROTONIN/ STIMULATION, CHEMICAL

93. **Anderson DR**: Mechanisms of Graves' disease and endocrine exophthalmos.
Amer J Ophthal 68:46-57, Jul 69 (131 ref.)
ANIMAL EXPERIMENTS/ BINDING SITES/ BIOLOGICAL ASSAY/ EXOPHTHALMOS, blood/ EXOPHTHALMOS, complications/ EXOPHTHALMOS, etiology/ EXOPHTHALMOS PRODUCING SUBSTANCE, blood/ EXOPHTHALMOS PRODUCING SUBSTANCE, physiology/ FISHES/ GOITER, EXOPHTHALMIC, congenital/ GOITER, EXOPHTHALMIC, diagnosis/ *GOITER, EXOPHTHALMIC, etiology/ HUMAN/ HYPERTHYROIDISM, etiology/ LONG-ACTING THYROID STIMULATOR, blood/ LONG-ACTING THYROID STIMULATOR, secretion/ PITUITARY GLAND, physiology/ REVIEW/ THYROID GLAND, physiology/ THYROID GLAND FUNCTION TESTS/ THYROTROPIN, secretion/ THYROXINE, secretion/ TRIIODOTHYRONINE, diagnostic use

94. **Anderson WR**: Which oral contraceptive should I use?
J Iowa Med Soc 59:299-302, Apr 69
CONTRACEPTIVES, ORAL, administration & dosage/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN

95. **André W**: Uber die Behandlung rheumatischer Affektionen bei Stoffwechselkrankheiten mit Dexamed-Butazon. Med Welt 29:1624-7, 19 Jul 69 (Ger)
ADULT/ AESCULUS, therapeutic use/ BIOFLAVONOIDS, therapeutic use/ *DEXAMETHASONE, therapeutic use/ FEMALE/ HUMAN/ LIDOCAINE, therapeutic use/ MALE/ MIDDLE AGE/ NEURALGIA, drug therapy/ *PHENYLBUTAZONE, therapeutic use/ *RHEUMATISM, drug therapy/ *SALICYLAMIDES, therapeutic use/ SPINAL OSTEOPHYTOSIS, drug therapy/ THIAMINE, therapeutic use/ VITAMIN B 12, therapeutic use

96. **Andreassi L, Gennari C, Bencini M**: Thyroid function investigation by means of I-131 in acne vulgaris and in seborrheic dermatitis.
Dermatologica (Basel) 139:69-75, 1969

ACNE, complications/ *ACNE, physiopathology/ ADOLESCENCE/ ADULT/ AGE FACTORS/ FACTOR ANALYSIS, STATISTICAL/ FEMALE/ HUMAN/ HYPERTHYROIDISM, complications/ IODINE, blood/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ MIDDLE AGE/ *SEBORRHEA, physiopathology/ *THYROID GLAND, physiopathology/ *THYROID GLAND FUNCTION TESTS

97. (Andrei P), Pavelcu V: Contribuţia psihologilor Constantin Fedeleş şi Petre Andrei la constituirea primei societăti române de neurologie, psihiatrie, psihologie şi endocrinologie.
Rev Medicochir Iasi 73:236-7, Jan-Mar 69 (Rum)
ENDOCRINOLOGY, history/ HISTORICAL ARTICLE/ HISTORICAL BIOGRAPHY/ HISTORY OF MEDICINE, 20TH CENT./ NEUROLOGY, history/ PSYCHIATRY, history/ PSYCHOLOGY, history/ RUMANIA/ *SOCIETIES, MEDICAL, history

98. Andrews RV: Temporal relationships of puromycin and ACTH effects on cultured hamster adrenal glands.
Comp Biochem Physiol 30:123-8, 1 Jul 69
ACETATES, metabolism/ ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, secretion/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ *CIRCADIAN RHYTHM, drug effects/ *CORTICOSTERONE, secretion/ CORTICOTROPIN, antagonists & inhibitors/ *CORTICOTROPIN, pharmacodynamics/ CULTURE MEDIA/ DEPRESSION, CHEMICAL/ FLUOROMETRY/ HAMSTERS/ IN VITRO/ NUCLEOSIDES, pharmacodynamics/ *PUROMYCIN, pharmacodynamics/ SECRETORY RATE, drug effects/ STEROIDS, biosynthesis/ STIMULATION, CHEMICAL/ TIME FACTORS/ TISSUE CULTURE/ TRITIUM

99. Andrievskiĭ VIa: Vliianie rektal'nogo issledovaniia na otdachu moloka u korov.
Veterinariia 44:101, May 67 (Rus)
*CATTLE/ FEMALE/ *LACTATION, physiology/ PREGNANCY/ *RECTUM/ VETERINARY MEDICINE

100. Anestiadi ZG: Dinamika sviazannogo s belkami ĭoda, ekstragiruemogo butanolom, v krovi bol'nykh diffuznym toksicheskim zobom, lechennykh radioaktivnym ĭodom (J-131) posle predvaritel'noĭ podgotovki merkazolilom i rezerpinom.
Probl Endokr (Moskva) 15:6-10, Jan-Feb 69 (Rus)
ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ *GOITER, EXOPHTHALMIC, blood/ *GOITER, EXOPHTHALMIC, therapy/ HUMAN/ *IODINE ISOTOPES, therapeutic use/ MALE/ MIDDLE AGE/ *PROTEIN-BOUND IODINE TEST/ RESERPINE, therapeutic use/ THYROID ANTAGONISTS, therapeutic use/ *THYROXINE-BINDING PROTEIN, blood

101. Angervall L, Martinsson A: Overweight in offspring of cortisone-treated pregnant rats.
Acta Endocr (Kobenhavn) 60:36-46, Jan 69
ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ *BIRTH WEIGHT/ BODY COMPOSITION/ BODY HEIGHT/ BODY WEIGHT/ CHOLESTEROL, analysis/ *CORTISONE, pharmacodynamics/ *FETUS, metabolism/ LIPIDS, analysis/ MATERNAL-FETAL EXCHANGE/ NITROGEN, analysis/ ORGAN WEIGHT/ PHOSPHOLIPIDS, analysis/ PREGNANCY/ RATS/ SPLEEN/ THYMUS GLAND, drug effects/ WATER

102. Anghileri LJ: Cationic aggregation and experimental brain tumors' uptake of 51Cr-beta-glycerophosphate.
J Nucl Biol Med 12:128-33, Jul-Sep 68
ANIMAL EXPERIMENTS/ BONE AND BONES, metabolism/ BRAIN, metabolism/ *BRAIN NEOPLASMS, metabolism/ *CHROMIUM ISOTOPES, metabolism/ *GLYCEROPHOSPHATES, metabolism/ HEATING/ HYDROGEN-ION CONCENTRATION/ LIVER, metabolism/ LUNG, metabolism/ MICE/ MUSCLES, metabolism/ NEOPLASM TRANSPLANTATION/ *NEOPLASMS, EXPERIMENTAL, metabolism/ ORGANOMETALLIC COMPOUNDS, blood/ ORGANOMETALLIC COMPOUNDS, chem synthesis/ *ORGANOMETALLIC COMPOUNDS, metabolism/ SPLEEN, metabolism/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS

103. Anghileri LJ: Effects of the carrier colloid on the clearance and distribution of radiocolloids.
J Nucl Biol Med 12:134-6, Jul-Sep 68
*ACACIA/ ANIMAL EXPERIMENTS/ *BONE AND BONES, metabolism/ *CHROMIUM ISOTOPES, metabolism/ *COLLOIDS/ COMPARATIVE STUDY/ *GELATIN/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, INTRAVENOUS/ *LIVER, metabolism/ *LUNG, metabolism/ *ORGANOMETALLIC COMPOUNDS, metabolism/ *PHOSPHATES, metabolism/ RATS/ *SPLEEN, metabolism/ TIME FACTORS

104. Anikandrov BV: Nekotorye osobennosti diagnostiki i operativnogo lecheniia ékhinokokka shchitovidnoĭ zhelezy. Klin Khir (Kiev) 5:61-3, May 67 (Rus)
CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ *ECHINOCOCCOSIS/ ECHINOCOCCOSIS, diagnosis/ ECHINOCOCCOSIS, surgery/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *THYROID DISEASES/ THYROID DISEASES, surgery

105. Ansfield FJ: Clinical studies with mithramycin.
Oncology 23:283-8, 1969
*ANTINEOPLASTIC AGENTS, administration & dosage/ ANTINEOPLASTIC AGENTS, toxicity/ BREAST NEOPLASMS, drug therapy/ CHORIOCARCINOMA, drug therapy/ FEMALE/ HEMORRHAGE, chemically induced/ HEPATITIS, TOXIC, etiology/ HUMAN/ INJECTIONS, INTRAVENOUS/ MALE/ MELANOMA, drug therapy/ NEOPLASM REGRESSION, SPONTANEOUS/ *NEOPLASMS, drug therapy/ POISONING, etiology/ TERATOID TUMOR, drug therapy/ TESTICULAR NEOPLASMS, drug therapy/ VOMITING, chemically induced

106. Anthony M, Lance JW: Monoamine oxidase inhibition in the treatment of migraine.
Arch Neurol (Chicago) 21:263-8, Sep 69
ADULT/ BLOOD PLATELETS/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ MIDDLE AGE/ *MIGRAINE, drug therapy/ *MONOAMINE OXIDASE INHIBITORS, therapeutic use/ PHENELZINE, therapeutic use/ SEROTONIN, blood

107. Antipov BV, Bladimirov SV: Morfologicheskoe vyrazhenie protsessa autoliza strukturnykh élementov gipotalamo-gipofizarnoĭ neĭrosekretornoĭ sistemy. Arkh Pat 30:66-71, 1968 (Rus)
ANIMAL EXPERIMENTS/ AUTOLYSIS/ DOGS/ ENGLISH ABSTRACT/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM/ METHODS/ *NEUROSECRETION/ TIME FACTORS

108. Antoine B, Neveu T, Ward PD: Fibrinuria during renal transplantation. Transplantation 8:98-109, Aug 69
ANIMAL EXPERIMENTS/ FEVER/ *FIBRIN, urine/ FIBRINOGEN, analysis/ FLUORESCENT ANTIBODY TECHNIC/ GEL DIFFUSION TESTS/ HUMAN/ IMMUNOELECTROPHORESIS/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ KIDNEY, pathology/ *KIDNEY, transplantation/ PREDNISONE, therapeutic use/ PROTEINURIA/ RABBITS/ TRANSPLANTATION, HOMOLOGOUS/ TRANSPLANTATION IMMUNOLOGY

109. Antoniades HN, Pyle HM: Further studies on the effects of adipose tissue extracts (ATE) on the blood glucose concentrations of diabetic KK mice, adrenalectomized rats and patients with diabetes mellitus. Progress report. Vox Sang 17:68-73, Jul 69
*ADIPOSE TISSUE/ ADRENALECTOMY/

ANIMAL EXPERIMENTS/ *BLOOD SUGAR/ CATTLE/ *DIABETES MELLITUS, physiopathology/ HUMAN/ INJECTIONS, INTRAPERITONEAL/ MICE/ TISSUE EXTRACTS, administration & dosage

110. Antony GJ, Van Wyk JJ, French FS, et al: Influence of pituitary stalk section on growth hormone, insulin and TSH secretion in women with metastatic breast cancer. J Clin Endocr 29:1238-50, Sep 69
ADULT/ AGED/ BLOOD SUGAR/ *BREAST NEOPLASMS, physiopathology/ BREAST NEOPLASMS, surgery/ FEMALE/ GLUCOSE TOLERANCE TEST/ HUMAN/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, surgery/ INSULIN, blood/ *INSULIN, secretion/ MIDDLE AGE/ NEOPLASM METASTASIS/ PITUITARY HORMONE RELEASING FACTORS/ SECRETORY RATE/ SOMATOTROPIN, blood/ *SOMATOTROPIN, secretion/ THYROID GLAND, physiopathology/ *THYROTROPIN, secretion

111. Aoki A, Vitale-Calpe R, Pisano A: The testicular interstitial tissue of the amphibian Physalaemus fuscumaculatus. Z Zellforsch 98:9-16, 1969
*AMPHIBIA, anatomy & histology/ ANIMAL EXPERIMENTS/ CHROMATOPHORES/ COLLAGEN/ *CONNECTIVE TISSUE CELLS/ CYTOPLASMIC GRANULES/ ENDOPLASMIC RETICULUM/ HISTOLOGICAL TECHNICS/ LEYDIG CELLS, cytology/ MALE/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ *TESTIS, cytology

112. Aplin RT, Meakins GD, Tuba KZ, et al: Studies in the steroid group. LXXX. Proton magnetic resonance and mass spectra of 2-aza-3-oxo-, 3-aza-2-oxo, 16-aza-17-oxo-, and 17-aza-16-oxo-5alpha-androstane. J Chem Soc [Org] 11:1602-4, Jun 69
*ANDROSTANES/ CHEMISTRY/ NUCLEAR MAGNETIC RESONANCE/ SPECTROPHOTOMETRY/ SPECTRUM ANALYSIS

113. Apte SV, Brown EB: Effects of plasma from pregnant women on iron absorption by the rat. Gastroenterology 57:126-33, Aug 69
ANIMAL EXPERIMENTS/ DEFICIENCY DISEASES, blood/ FEMALE/ HEAT/ *HORMONES, blood/ *HORMONES, physiology/ HUMAN/ *INTESTINAL ABSORPTION/ INTESTINAL ABSORPTION, drug effects/ INTESTINE, SMALL, analysis/ IRON, analysis/ *IRON, metabolism/ MALE/ MOLECULAR WEIGHT/ *PREGNANCY/ PROTEIN DENATURATION/ RATS

114. Arai Y: Effect of hypothalamic de-afferentation on induction of pseudopregnancy by vaginal-cervical stimulation in the rat. J Reprod Fertil 19:573-5, Aug 69
ANIMAL EXPERIMENTS/ CERVIX UTERI, physiology/ *DENERVATION/ FEMALE/ *HYPOTHALAMUS, innervation/ PREGNANCY/ *PSEUDOPREGNANCY/ RATS/ VAGINA, physiology/ VAGINAL SMEARS

115. Arasa F: Terapéutica de la esclerosis múltiple. Folia Clin Int (Barc) 19:7-23, Jan 69 (Spa)
ADRENAL CORTEX HORMONES, administration & dosage/ *ADRENAL CORTEX HORMONES, therapeutic use/ BLOOD TRANSFUSION/ CHRONIC DISEASE/ CORTICOTROPIN, administration & dosage/ CORTICOTROPIN, secretion/ *CORTICOTROPIN, therapeutic use/ HUMAN/ MULTIPLE SCLEROSIS, complications/ *MULTIPLE SCLEROSIS, drug therapy

116. Arase S: [Basic and clinical studies on the cell count of circulating basophils and eosinophils] Iryo 23:306-17, Mar 69 (Jap)
ADOLESCENCE/ ADULT/ AGED/ *BASOPHILS/ *EOSINOPHILS/ FEMALE/ HUMAN/ HYPERTHYROIDISM, blood/ HYPOTHYROIDISM, blood/ *LEUKOCYTE COUNT/ MALE/ MIDDLE AGE/ PREGNANCY/ PUERPERIUM

117. Araszkiewicz Z: Zaburzenia wydzielania tyrokalcitoniny w klinice.
Pol Arch Med Wewnet 42:955-63, Jun 69 (Pol)
ANIMAL EXPERIMENTS/ HUMAN/ *HYPOCALCEMIA, drug therapy/ REVIEW/ *THEOPHYLLINE, therapeutic use/ *THYROCALCITONIN, secretion/ THYROID DISEASES, complications

118. Arber IN: Funktsional'naia aktivnost' shchitovidnoĭ zhelezy pri rake i predrakovykh zabolevaniiakh molochnoĭ zhelezy.
Klin Khir (Kiev) 11:30-3, Nov 67 (Rus)
ADENOFIBROMA, complications/ *ADENOFIBROMA, physiopathology/ ADULT/ AGED/ BREAST DISEASES, complications/ *BREAST DISEASES, physiopathology/ BREAST NEOPLASMS, complications/ *BREAST NEOPLASMS, physiopathology/ FEMALE/ HUMAN/ MIDDLE AGE/ PRECANCEROUS CONDITIONS, complications/ *PRECANCEROUS CONDITIONS, physiopathology/ *THYROID GLAND, physiopathology

119. Arndt J, Schneider HJ: Diagnostik, Therapie und Prognose bösartiger Hodentumoren.
Z Aerztl Fortbild (Jena) 63:503-9, 1 May 69 (Ger)
AFTER CARE/ AGE FACTORS/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ LUNG NEOPLASMS, radiography/ MALE/ NEOPLASM METASTASIS, radiography/ PROGNOSIS/ TESTICULAR DISEASES, diagnosis/ *TESTICULAR NEOPLASMS/ TESTICULAR NEOPLASMS, classification/ TESTICULAR NEOPLASMS, diagnosis/ TESTICULAR NEOPLASMS, mortality/ TESTICULAR NEOPLASMS, pathology/ TESTICULAR NEOPLASMS, therapy

120. Arné L: Comment traiter un ictus.
J Med Bordeaux 144:869-73, Jun 67 (Fre)
ANTICOAGULANTS, therapeutic use/ CEREBROVASCULAR DISORDERS, surgery/ *CEREBROVASCULAR DISORDERS, therapy/ COMA, therapy/ ENGLISH ABSTRACT/ ERGOT ALKALOIDS, HYDROGENATED, therapeutic use/ HUMAN/ HYDROCORTISONE, therapeutic use/ MANNITOL, therapeutic use/ OPIUM, therapeutic use/ PERFUSION/ RESUSCITATION

121. Arnold JE, Healy JK: Hyperkalemia, hypertension and systemic acidosis without renal failure associated with a tubular defect in potassium excretion.
Amer J Med 47:461-72, Sep 69
ACETAZOLAMIDE, diagnostic use/ *ACIDOSIS, RENAL TUBULAR, etiology/ ADOLESCENCE/ ADULT/ AMINOACIDURIA, RENAL/ AMINOHIPPURIC ACID, diagnostic use/ BICARBONATES, blood/ BLOOD PRESSURE/ CHLORIDES, blood/ ELECTROCARDIOGRAPHY/ ERYTHROCYTES, analysis/ GLOMERULAR FILTRATION RATE/ HUMAN/ HYDROCORTISONE, diagnostic use/ HYDROGEN-ION CONCENTRATION/ *HYPERKALEMIA, etiology/ *HYPERTENSION, etiology/ KIDNEY CONCENTRATING ABILITY/ KIDNEY DISEASES, congenital/ *KIDNEY TUBULES/ MALE/ PHENOLPHTHALEINS, diagnostic use/ POTASSIUM, blood/ *POTASSIUM, urine/ SODIUM, diagnostic use/ SULFATES, diagnostic use

122. Arnold M: Die Behandlung klimakterischer Beschwerden mit Klimadurin.
Praxis 58:1159-62, 16 Sep 69 (Ger)
ADULT/ *CLIMACTERIC/ ENGLISH ABSTRACT/ *ESTRIOL, administration & dosage/ FEMALE/ HUMAN/ INJECTIONS, INTRAMUSCULAR/ MIDDLE AGE

123. Aron C, Roos J, Asch G: Action lutéinisante d'une preparation folliculostimulante (FSH), chez la ratte mûre.
C R Acad Sci [D] (Paris) 268:830-3, 3 Feb 69 (Fre)
ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ CORPUS LUTEUM/ FEMALE/ *FSH, pharmacodynamics/ *GRAAFIAN FOLLICLE, drug effects/ MEPROBAMATE/

*OVULATION, drug effects/ PITUITARY GLAND, secretion/ RATS

124. **Arriaza R:** Algunos usos de los corticosteroides en odontología.
Rev Cent Amer Odont 6:38-41, Jan-Apr 69 (Spa)
ADRENAL CORTEX HORMONES, therapeutic use/ DENTAL PULP DISEASES, drug therapy/ SPECIAL LIST DENTAL

125. **Arrighi FE, Sorenson MW, Shirley LR:** Chromosomes of the tree shrews (Tupaiidae).
Cytogenetics (Basel) 8:199-208, 1969
ANIMAL EXPERIMENTS/ *CHROMOSOMES/ EVOLUTION/ FEMALE/ *INSECTIVORA/ KARYOTYPING/ MALE/ *PRIMATES/ SEX CHROMOSOMES

126. **Arsen'eva MG, Kononova ES, Savchenko ON, et al:** Vydelenie éstrogenov u bol'nykh miomoĭ matki.
Akush Ginek (Moskva) 43:36-41, Apr 67 (Rus)
ADULT/ *ESTROGENS, urine/ FEMALE/ HUMAN/ *LEIOMYOMA, urine/ MIDDLE AGE/ *UTERINE NEOPLASMS, urine

127. **Arslan S, Charnot Y, Pérès G:** Absorption intestinale et transport sanguin du silicium chez la rate ovariectomisée.
J Physiol (Paris) 60:Suppl 2:387, 1968 (Fre)
AGING/ ANIMAL EXPERIMENTS/ CASTRATION/ FEMALE/ *INTESTINAL ABSORPTION/ *OVARY, physiology/ RATS/ SILICA, blood/ *SILICON, metabolism/ SODIUM, metabolism

128. **Artamonova-Krupnik SI:** Opredelenie soderzhaniia tireoglobulina v toksicheskikh i éutireoidnykh zobakh pri pomoshchi organospetsificheskogo antitireoidnogo fitopretsipitina.
Probl Endokr (Moskva) 14:39-43, Jul-Aug 68 (Rus)
FEMALE/ *GOITER, blood/ HUMAN/ *HYPERTHYROIDISM, blood/ MALE/ PRECIPITINS/ SERODIAGNOSIS/ *THYROGLOBULIN, blood/ THYROGLOBULIN, secretion

129. **Artemova AG:** Deistvie kompleksov antigen-antitelo, obrazuiushchikhsia v organizme pri éksperimental'noĭ streptokokkovoĭ infektsii.
Zh Mikrobiol 45:85-9, Dec 68 (Rus)
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *ANTIGEN-ANTIBODY REACTIONS/ ENGLISH ABSTRACT/ *IMMUNE SERUMS, adverse effects/ MICE/ RABBITS/ *STREPTOCOCCAL INFECTIONS, immunology

130. **Arthur AB, Weston HJ:** Rickets in the welfare state.
New Zeal Med J 70:29-31, Jul 69
ALKALINE PHOSPHATASE, blood/ CHILD, PRESCHOOL/ FOOD ANALYSIS/ HEALTH EDUCATION/ HUMAN/ INFANT/ INFANT NUTRITION/ NEW ZEALAND/ RACIAL STOCKS/ *RICKETS, occurrence/ RICKETS, prevention & control/ RICKETS, radiography/ SOCIOECONOMIC FACTORS/ VITAMIN D, analysis/ VITAMIN D, therapeutic use

131. **Artsishevskaia RA:** Reaktsiia skeletnykh myshts krysy na povyshennoe soderzhanie tiroksina v organizme.
Tsitologiia 10:1485-9, Nov 68 (Rus)
ABSORPTION/ ANIMAL EXPERIMENTS/ DYES, metabolism/ ENGLISH ABSTRACT/ *LACTATES, metabolism/ MALE/ *MUSCLES, drug effects/ *OXYGEN CONSUMPTION, drug effects/ RATS/ TEMPERATURE/ *THYROXINE, pharmacodynamics

132. **Aschkenasy-Lelu P, Lefèbvres-Boisselot J:** Conséquences de la mutation atrichis sur quelques aspects du comportement du rat.
Arch Sci Physiol (Paris) 23:269-89, 1969 (Fre)
ADRENAL GLANDS, anatomy & histology/ ALCOHOL DRINKING/ *ALOPECIA, complications/ ANIMAL EXPERIMENTS/ *BEHAVIOR, ANIMAL/ CONDITIONING, CLASSICAL/ CONDITIONING, OPERANT/ CONVULSIONS, etiology/ ENGLISH ABSTRACT/ FEEDING BEHAVIOR/ FEMALE/ HYBRIDIZATION/ MALE/ *MUTATION/ ORGAN WEIGHT/ PITUITARY GLAND, anatomy & histology/ RATS/ SOUND/ THYROID GLAND, anatomy & histology/ WATER

133. **Asfeldt VH:** Corticosteroidogenic effect of long-acting beta 1-24corticotrophin (CIBA 42.915 BA).
Acta Med Scand 184:379-82, Nov 68
*ADRENAL GLANDS, drug effects/ AGED/ CORTICOSTERONE, blood/ *CORTICOTROPIN, chem synthesis/ *CORTICOTROPIN, pharmacodynamics/ FEMALE/ HUMAN/ HYDROCORTISONE, blood/ INJECTIONS, INTRAMUSCULAR/ 17-KETOSTEROIDS, blood/ MALE/ MIDDLE AGE/ *PHOSPHATES, pharmacodynamics/ *ZINC, pharmacodynamics

134. **Asfeldt VH:** Simplified dexamethasone suppression test. Acta Endocr (Kobenhavn) 61:219-31, Jun 69
ADENOMA, physiopathology/ ANOREXIA NERVOSA, physiopathology/ CONTRACEPTIVES, ORAL/ *CUSHING'S SYNDROME, diagnosis/ CUSHING'S SYNDROME, physiopathology/ DEXAMETHASONE, administration & dosage/ *DEXAMETHASONE, diagnostic use/ DIABETES MELLITUS, JUVENILE, physiopathology/ FEMALE/ FLUOROMETRY/ GLYCOSURIA/ HIRSUTISM, physiopathology/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, blood/ MALE/ OBESITY, physiopathology/ *PITUITARY-ADRENAL FUNCTION TESTS/ PITUITARY NEOPLASMS, physiopathology

135.. **Asfeldt VH, Buhl J:** Inhibitory effect of diphenylhydantoin on the feedback control of corticotrophin release.
Acta Endocr (Kobenhavn) 61:551-60, Jul 69
ADOLESCENCE/ ADRENAL CORTEX HORMONES, blood/ ADULT/ CIRCADIAN RHYTHM/ CORTICOTROPIN, diagnostic use/ *CORTICOTROPIN, secretion/ DEPRESSION, CHEMICAL/ DEXAMETHASONE, diagnostic use/ *DIPHENYLHYDANTOIN, pharmacodynamics/ EPILEPSY, drug therapy/ FEEDBACK/ FEMALE/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, drug effects/ MALE/ METYRAPONE, diagnostic use/ MIDDLE AGE/ *PITUITARY-ADRENAL SYSTEM, drug effects

136. **Ashburner M:** Patterns of puffing activity in the salivary gland chromosomes of Drosophila. II. The X-chromosome puffing patterns of D. melanogaster and D. simulans. Chromosoma 27:47-63, 1969
ANIMAL EXPERIMENTS/ CHROMOSOME MAPPING/ *DROSOPHILA/ FEMALE/ GENES, physiology/ MALE/ SALIVARY GLANDS, cytology/ *SEX CHROMOSOMES, physiology/ SEX FACTORS

137. **Ashby EC:** Intra-abdominal adhesions as a manifestation of a fibrotic diathesis.
Brit Med J 1:350-2, 9 Aug 69
*ABDOMEN/ ABO FACTORS/ ADHESIONS, complications/ *ADHESIONS, etiology/ ADULT/ AGED/ CHRONIC DISEASE/ CICATRIX, complications/ CONSTRICTION/ FEMALE/ *FIBRIN/ FIBRINOLYSIS/ HUMAN/ MALE/ MIDDLE AGE/ OVARIAN CYSTS, complications/ PEPTIC ULCER, complications

138. **Ashidaka Y:** [Simple rapid measurement of urinary HCG and its clinical application. Slide test-Gravindex]
J Jap Obstet Gynec Soc 21:421-6, Apr 69 (Jap)
FEMALE/ *GONADOTROPINS, CHORIONIC, urine/ HUMAN/ IMMUNOASSAY/ METHODS/ PREGNANCY/ PREGNANCY COMPLICATIONS, diagnosis/ *PREGNANCY TESTS/ TROPHOBLASTIC TUMOR, diagnosis

139. **Ashley CC:** Aequorin-monitored calcium transients in single Maia muscle fibres.
J Physiol (London) 203:32P-33P, Jul 69
ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ CRUSTACEA/ ELECTRIC STIMULATION/ MEMBRANE POTENTIALS/ MUSCLE CONTRACTION/ *MUSCLES, metabolism/ *PROTEINS

140. **Ashraf M, Zaman H:** The effect of bilateral adrenalectomy and ovariectomy on the induction of carcinoma of the mouse uterine cervix.
Acta Cytol (Balt) 13:347-51, Jun 69
*ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *CARCINOMA, EPIDERMOID, chemically induced/ CASTRATION/ CELL TRANSFORMATION, NEOPLASTIC/ *CERVIX NEOPLASMS, chemically induced/ *CERVIX UTERI, pathology/ FEMALE/ LUNG NEOPLASMS/ LYMPHATIC METASTASIS/ METHYLCHOLANTHRENE/ MICE/ NEOPLASM METASTASIS/ *NEOPLASMS, EXPERIMENTAL, chemically induced/ *OVARY, physiology/ VAGINAL SMEARS

141. **Ashworth B, Smyth GE:** Relapsing motor polyneuropathy. Acta Neurol Scand 45:342-50, 1969
ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ BIOPSY/ CEREBROSPINAL FLUID PROTEINS, analysis/ DIAGNOSIS, DIFFERENTIAL/ ELECTROMYOGRAPHY/ FEMALE/ HEMOGLOBINOMETRY/ HUMAN/ MALE/ MOTOR NEURONS/ MUSCLES, pathology/ MUSCULAR DISEASES, pathology/ MYOFIBRILS/ NEUROMUSCULAR JUNCTION, pathology/ PARALYSIS, diagnosis/ POLYNEURITIS, cerebrospinal fluid/ POLYNEURITIS, classification/ *POLYNEURITIS, diagnosis/ POLYNEURITIS, drug therapy/ QUADRIPLEGIA, diagnosis/ REFLEX, TENDON

142. **Ask-Upmark E:** Case of Takayasu's syndrome accelerated (initiated?) by oral contraceptives.
Acta Med Scand 185:119-20, Jan-Feb 69
ADULT/ *AORTIC ARCH SYNDROMES, chemically induced/ CASE REPORT/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN

143. **Ask-Upmark E, Glas JE, Stenram U:** Oral contraceptives and cerebral arterial thrombosis.
Acta Med Scand 185:479-81, Jun 69
ADOLESCENCE/ ADULT/ *CEREBRAL EMBOLISM AND THROMBOSIS, chemically induced/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN

144. **Aslanian IG, Parsadanian GK, Sarkisian LV:** Vliianie utomleniia na aktivnost' triptofanpirrolazy, fosfoproteinfosfatazy i pirofosfatazy tkaneĭ belykh krys. Ukr Biokhim Zh 40:601-4, 1968 (Ukr)
ANIMAL EXPERIMENTS/ BRAIN, enzymology/ ENGLISH ABSTRACT/ ENZYME INDUCTION/ EXERTION/ *FATIGUE, enzymology/ HORMONES, pharmacodynamics/ KIDNEY, enzymology/ LIVER, enzymology/ MYOCARDIUM, enzymology/ PHOSPHATASES, metabolism/ PROTEINS/ *PYROPHOSPHATASE, metabolism/ RATS/ TRYPTOPHAN OXYGENASE, biosynthesis/ *TRYPTOPHAN OXYGENASE, metabolism

145. **Asscher AW, Sussman M, Waters WE, et al:** The clinical significance of asymptomatic bacteriuria in the nonpregnant woman. J Infect Dis 120:17-26, Jul 69
ADULT/ AGED/ AMPICILLIN, therapeutic use/ ANALGESICS AND ANTIPYRETICS, adverse effects/ *BACTERIURIA/ BACTERIURIA, drug therapy/ BLOOD PRESSURE/ BLOOD UREA NITROGEN/ CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ FOLLOW-UP STUDIES/ HEMATURIA, occurrence/ HUMAN/ MASS SCREENING/ MIDDLE AGE/ NITROFURANTOIN, therapeutic use/ SEROTYPING/ URINARY TRACT INFECTIONS, prevention & control/ URINATION DISORDERS, occurrence/ UROGENITAL SYSTEM, abnormalities/ UROGRAPHY

146. **Assenmacher I, Astier H, Jougla N:** Répercussions thyroïdiennes de la sous-alimentation chez le canard domestique.
J Physiol (Paris) 60:Suppl 2:342-3, 1968 (Fre)
ANIMAL EXPERIMENTS/ DUCKS/ FASTING/ FECES, analysis/ *FOOD DEPRIVATION/ *IODINE, physiology/ IODINE, urine/ IODINE ISOTOPES/ *THYROID DISEASES, etiology/ THYROXINE, blood

147. **Assicot M, Bohuon C:** Production of antibodies to catechol-O-methyltransferase (EC 2.1.1.6) of rat liver.
Biochem Pharmacol 18:1893-8, Aug 69
ANIMAL EXPERIMENTS/ *ANTIBODY FORMATION/ *ANTIGEN-ANTIBODY REACTIONS/ BRAIN, enzymology/ CATECHOL, isolation & purification/ CATECHOL, metabolism/ ELECTROPHORESIS/ GELS/ HUMAN/ IMMUNOELECTROPHORESIS/ IN VITRO/ *LIVER, enzymology/ LUNG, enzymology/ MICROSOMES, enzymology/ MYOCARDIUM, enzymology/ NEUROBLASTOMA, enzymology/ PHEOCHROMOCYTOMA, enzymology/ RABBITS/ RATS/ SPECIES SPECIFICITY/ SPLEEN, enzymology/ TRANSFERASES, isolation & purification/ *TRANSFERASES, metabolism

148. **Astakhova TV, Kamenkova VV:** K metabolizmu tsianistogo alliia.
Gig Tr Prof Zabol 13:38-42, Jan 69 (Rus)
AIR POLLUTION/ ANIMAL EXPERIMENTS/ *CYANIDES, metabolism/ CYANIDES, poisoning/ ENGLISH ABSTRACT/ *INDUSTRIAL MEDICINE/ MICE/ OXYGEN CONSUMPTION/ RATS/ *RUBBER/ SODIUM, therapeutic use/ SULFITES, therapeutic use/ THIOCYANATES, blood/ THIOCYANATES, urine/ THYROID HORMONES, therapeutic use

149. **Ata-Muradova FA:** Ontogenetic study on development of secondary components of evoked response in rabbit.
Electroenceph Clin Neurophysiol 27:322-3, Sep 69
ANIMAL EXPERIMENTS/ *CEREBRAL CORTEX, physiology/ ELECTRIC CONDUCTIVITY/ *EVOKED POTENTIALS/ HYPOTHALAMUS, growth & development/ RABBITS/ RETICULAR FORMATION, growth & development/ SYNAPSES, growth & development/ THALAMUS, growth & development

150. **Atanasov NA:** Lakatatdegidrogenaznye izozimy v timuse krys, poluchavshikh kortozon.
Probl Endokr (Moskva) 13:77-81, May-Jun 67 (Rus)
ANIMAL EXPERIMENTS/ *CORTISONE, pharmacodynamics/ ENGLISH ABSTRACT/ *LACTATE DEHYDROGENASE/ *LACTATE DEHYDROGENASE ISOENZYMES/ PROTEINS, analysis/ RATS/ THYMUS GLAND, analysis/ *THYMUS GLAND, enzymology

151. **Atanasov NA:** Sravnitel'nye kineticheskie issledovaniia katodnykh izoénzimov laktatdegidrogenazy iz skeletnoĭ myshtsy krysy i morskoĭ svinki.
Biokhimiia 34:308-11, Mar-Apr 69 (Rus)
*ADRENAL GLANDS, enzymology/ ANIMAL EXPERIMENTS/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ FEEDBACK/ GUINEA PIGS/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *LACTATE DEHYDROGENASE ISOENZYMES/ LACTATE DEHYDROGENASE ISOENZYMES, antagonists & inhibitors/ *LIVER, enzymology/ *MUSCLES, enzymology/ RATS/ SPECIES SPECIFICITY/ *THYMUS GLAND, enzymology

152. **Ataullakhanov IA:** Vozrastnye izmeneniia v soderzhanii margantsa, kobal'ta, medi, tsinka i zheleza zhelezakh vnutrenneĭ sekretsii zhenshchin.
Probl Endokr (Moskva) 15:98-102, Mar-Apr 69 (Rus)
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ *AGING/ CHILD/ COBALT, analysis/ COPPER, analysis/ *ENDOCRINE GLANDS, analysis/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ IRON, analysis/ MANGANESE, analysis/ MIDDLE AGE/ OVARY, analysis/ PITUITARY GLAND, analysis/ THYROID GLAND, analysis/ *TRACE ELEMENTS, analysis/ ZINC, analysis

153. **Atherton JC, Hai MA, Thomas S:** Acute effects of lysine

vasopressin injection (single and continuous) on urinary composition in the conscious water diuretic rat. Pflueger Arch 310:281-96, 1969
ANIMAL EXPERIMENTS/ *DIURESIS, drug effects/ KIDNEY CONCENTRATING ABILITY/ LYSINE/ MALE/ *NATRIURESIS/ OSMOLAR CONCENTRATION/ *POTASSIUM, urine/ RATS/ *SODIUM, urine/ *URINE/ *VASOPRESSIN, pharmacodynamics/ VASOPRESSIN, secretion/ WATER-ELECTROLYTE BALANCE

154. **Atherton RW:** The effect of thyroid function on hemoglobin differentiation in the chick.
J Embryol Exp Morph 22:99-105, Aug 69
ANIMAL EXPERIMENTS/ CHICK EMBRYO/ ERYTHROPOIESIS/ *FETAL HEMOGLOBIN, biosynthesis/ HEMOGLOBIN, analysis/ *HEMOGLOBIN, biosynthesis/ IODINE ISOTOPES/ MITOSIS/ SOMATOTROPIN, pharmacodynamics/ THIOUREA/ THYROID ANTAGONISTS/ THYROID GLAND, drug effects/ *THYROID GLAND, physiology/ THYROXINE

155. **Atsuji I:** [Experimental study on toxemia of pregnancy in spontaneously hypertensive rats]
J Kumamoto Med Soc 43:360-74, 25 Apr 69 (Jap)
ANIMAL EXPERIMENTS/ FEMALE/ HUMAN/ HYPERTENSION/ *HYPERTENSION, complications/ PLACENTAL EXTRACTS/ POLYSACCHARIDES/ PREGNANCY/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, complications/ *PREGNANCY TOXEMIAS, etiology/ PREGNANCY TOXEMIAS, immunology/ PREGNANCY TOXEMIAS, pathology/ RATS

156. **Attramadal A:** Preparation of tissues for localization of sex hormones by autoradiography. I. Loss of radioactive material effected by the use of some conventional methods. Histochemie 19:64-74, 1969
ALDEHYDES/ ANIMAL EXPERIMENTS/ *ESTRADIOL, metabolism/ FEMALE/ *HISTOLOGICAL TECHNICS/ LIVER, analysis/ METHODS/ OSMIUM/ *RADIOAUTOGRAPHY/ RATS/ *SEX HORMONES, analysis/ TRITIUM/ UTERUS, analysis

157. **Attramadal A:** Preparation of tissues for localization of sex hormones by autoradiography. II. The loss of radioactive material in embedding media after freeze drying and vapour fixation of the tissues.
Histochemie 19:75-87, 1969
ACRYLIC RESINS/ ANIMAL EXPERIMENTS/ BRAIN/ EPOXY RESINS/ ESTRADIOL, metabolism/ *ESTROGENS, analysis/ FEMALE/ *FREEZE DRYING/ *HISTOLOGICAL TECHNICS/ LIVER, analysis/ MALE/ METHODS/ OSMIUM/ PITUITARY GLAND, analysis/ PROGESTERONE, metabolism/ *RADIOAUTOGRAPHY/ RATS/ TESTOSTERONE, metabolism/ TRITIUM/ UTERUS, analysis

158. **Audet-Lapointe P, Vauclair R:** Les tumeurs de la granulosa. Revue de la littérature et présentation de sept cas.
Un Med Canada 96:975-1000, Aug 67 (74 ref.) (Fre)
ADULT/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ *GRANULOSA CELL TUMOR/ HUMAN/ MIDDLE AGE/ *OVARIAN NEOPLASMS/ REVIEW

159. **Augustin M, Manciulesco D:** Considérations sur l'apparition et l'évolution du climatère au cours de la maladie de Cushing et de l'hypercorticisme secondaire.
Rev Franc Endocr Clin 10:99-108, Mar-Apr 69 (Fre)
*ADRENAL GLAND HYPERFUNCTION, complications/ ADULT/ ANXIETY/ BODY TEMPERATURE/ *CLIMACTERIC/ COLLAGEN DISEASES, complications/ *CUSHING'S SYNDROME, complications/ EMOTIONS/ ENGLISH ABSTRACT/ FEMALE/ GONADOTROPINS, PITUITARY, secretion/ HUMAN/ MIDDLE AGE

160. **Aurbach GD, Potts JT Jr, Chase LR, et al:** Polypeptide hormones and calcium metabolism.
Ann Intern Med 70:1243-65, Jun 69 (60 ref.)
CALCIUM, blood/ *CALCIUM, metabolism/ CALCIUM, pharmacodynamics/ HUMAN/ HYPOPHOSPHATEMIA, FAMILIAL/ PARATHYROID GLANDS, secretion/ *PARATHYROID HORMONE, physiology/ PHOSPHATES, pharmacodynamics/ PSEUDOHYPOPARATHYROIDISM, diagnosis/ RADIOIMMUNOASSAY/ REVIEW/ THYROCALCITONIN, blood/ THYROCALCITONIN, chem synthesis/ THYROCALCITONIN, isolation & purification/ *THYROCALCITONIN, physiology

161. **Austern BM, Gawienowski AM:** The isolation of retinal from the bovine corpus luteum.
J Reprod Fertil 19:203-5, Jun 69
ANIMAL EXPERIMENTS/ CATTLE/ CHROMATOGRAPHY, THIN LAYER/ *CORPUS LUTEUM, analysis/ FEMALE/ INFRARED RAYS/ SPECTRUM ANALYSIS/ ULTRAVIOLET RAYS/ *VITAMIN A, analysis

162. **Avanzino GL, Pallestrini EA, Carta F, et al:** Effetto della stimolazione termica labirintica omo e controlaterale e di composti attivi sulle sinapsi applicati mediante microiontoforesi su singoli neuroni del tronoco dell'encefalo.
Boll Soc Ital Biol Sper 44:1462-70, 30 Sep 68 (Ita)
*ACETYLCHOLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BRAIN STEM, physiology/ *EPINEPHRINE, pharmacodynamics/ GUINEA PIGS/ *HEAT/ *LABYRINTH, physiology/ *NEURONS, drug effects/ *RETICULAR FORMATION, physiology/ *SEROTONIN, pharmacodynamics/ *SYNAPSES, physiology/ *VESTIBULAR APPARATUS, physiology

163. **Avenirova ZA, Potin VV, Stepanov GS:** Ob identichnosti ékzotal'micheskoĭ aktivnosti gipofiza i syvorotki krovi.
Probl Endokr (Moskva) 14:29-32, Jul-Aug 68 (Rus)
ANIMAL EXPERIMENTS/ CYPRINIDAE/ *EXOPHTHALMOS/ EXOPHTHALMOS PRODUCING SUBSTANCE/ HUMAN/ *PITUITARY GLAND, analysis/ THYROTROPIN, pharmacodynamics

164. **Avogaro P, Lauro S, Castellani A:** Ehlers-Danlos Syndrome with some unusual skeletal abnormalities.
Clin Orthop 65:183-90, Jul-Aug 69
AMINO ACIDS, analysis/ *BONE AND BONES, abnormalities/ CATARACT, complications/ CHILD/ DISLOCATIONS, etiology/ *ECCENTRO- OSTEOCHONDRODYSPLASIA, complications/ *EHLERS-DANLOS SYNDROME, complications/ FINGERS, abnormalities/ HUMAN/ MALE/ NYSTAGMUS, complications/ OSTEOPOROSIS, complications/ PATELLA, injuries/ PELVIS, abnormalities/ SKIN, analysis/ *SKIN, pathology

165. **Ayers CR:** Renin-angiotensin-aldosterone system in hypertension. The clinical usefulness of measuring components of thisystem.
Virginia Med Monthly 96:312-4, Jun 69
*ALDOSTERONE, physiology/ ANGIOTENSIN, blood/ *ANGIOTENSIN, physiology/ HUMAN/ HYPERALDOSTERONISM, complications/ HYPERTENSION, blood/ HYPERTENSION, enzymology/ *HYPERTENSION, physiopathology/ RENIN, blood/ *RENIN, physiology

166. **Azcoaga JE:** Synapsis of the human supraoptic nucleus.
Ann Med Exp Biol Fenn 46:119-22, 1968
HISTOLOGICAL TECHNICS/ HUMAN/ *HYPOTHALAMUS, anatomy & histology/ NEUROHUMORS, physiology/ *NEURONS, anatomy & histology/ OPTIC NERVE/ *SYNAPSES, cytology

167. **Azevedo JF de, Pinhão R:** Studies carried out with the Glossina morsitans colony of Lisbon. II. Aspects of the tsetse flies appreciated by the "soft" x-rays.
An Esc Nac Saude Publica Med Trop (Lisboa) 2:43-59, Jan-Dec 68
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ PORTUGAL/ PREGNANCY,

ANIMAL/ *RADIOGRAPHY/ SEX DETERMINATION/ *TSETSE FLIES, growth & development

168. **Aznar Reig A, Zamora Madaria E, Herrera Justiniano E:** Estudio de los precursores del cortisol (21-deoxiesteroides y de los 17-cetosteroides) en el síndrome androgenital congénito.
Rev Clin Esp 111:365-74, 30 Nov 68 **(Spa)**
*ADRENOGENITAL SYNDROME, diagnosis/ ADULT/ CHROMATOGRAPHY, GAS/ ENGLISH ABSTRACT/ FEMALE/ *HERMAPHRODITISM, urine/ HUMAN/ *HYDROCORTISONE, urine/ PREGNANEDIOL, diagnostic use

B

169. **Baba M:** [Emotional behavior and single cell activities of the ventromedial nucleus of the hypothalamus in unanesthetized and unrestrained cats]
Psychiat Neurol Jap 71:537-47, Jun 69 **(Jap)**
ANIMAL EXPERIMENTS/ *BEHAVIOR, ANIMAL/ CATS/ ELECTRIC STIMULATION/ *EMOTIONS/ ENGLISH ABSTRACT/ *HYPOTHALAMUS, physiology/ *NEURONS, physiology/ SOUND

170. **Babalich AK:** Ranniaia kishechnaia neprokhodimost'.
Vrach Delo 6:129-31, Jun 69 **(Rus)**
ADULT/ APPENDECTOMY, adverse effects/ APPENDICITIS, surgery/ CASE REPORT/ CHILD/ FEMALE/ HUMAN/ *INTESTINAL OBSTRUCTION, etiology/ MALE/ MIDDLE AGE/ OVARIAN CYSTS, surgery/ PERITONITIS, surgery/ *POSTOPERATIVE COMPLICATIONS/ TIME FACTORS

171. **Babichev VN:** O polovoi differentsirovke gipotalamusa (obzor literatury)
Probl Endokr (Moskva) 15:120-4, May-Jun 69 (48 ref.) **(Rus)**
ANDROGENS, pharmacodynamics/ *ANDROGENS, physiology/ ANIMAL EXPERIMENTS/ CASTRATION/ CENTRAL NERVOUS SYSTEM, growth & development/ FEMALE/ GONADS, physiology/ *HYPOTHALAMUS, growth & development/ LH, secretion/ MALE/ RATS/ REVIEW/ SEX FACTORS/ TESTOSTERONE, pharmacodynamics

172. **Babichev VN:** Gipotalamicheskii kontrol' liuteiniziruiushchei funktsii gipofiza u samtsov krys.
Probl Endokr (Moskva) 15:68-72, May-Jun 69 **(Rus)**
ANIMAL EXPERIMENTS/ ASCORBIC ACID, analysis/ ENGLISH ABSTRACT/ *HYPOTHALAMUS, physiology/ *LH, analysis/ MALE/ *PITUITARY GLAND, secretion/ PROSTATE, analysis/ RATS/ TESTIS, analysis/ TESTIS, anatomy & histology

173. **Babin S, Suhler A, Vierling JP, et al:** Appendicite perforée dans une hernie inguinale avec inflammation de la bourse chez un nourrisson de 12 jours. Intervention, guérison.
Ann Pediat (Paris) 14:609-11, Aug-Sep 67 **(Fre)**
*APPENDICITIS, complications/ ENGLISH ABSTRACT/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES, complications/ *INGUINAL HERNIA, complications/ MALE/ *SCROTUM/ TESTICULAR DISEASES, complications

174. **Bacon GE, Lowrey GH, Knoller M:** Comparison of arginine infusion and diethylstilbestrol as a means of provoking growth hormone secretion.
J Pediat 75:385-90, Sep 69
ADOLESCENCE/ *ARGININE, diagnostic use/ CHILD/ CHILD, PRESCHOOL/ *DIETHYLSTILBESTROL, diagnostic use/ FEMALE/ GROWTH/ GROWTH DISORDERS, diagnosis/ HUMAN/ MALE/ RADIOIMMUNOASSAY/ SOMATOTROPIN, blood/ *SOMATOTROPIN, secretion

175. **Badawy AA, White AE, Lathe GH:** The effect of tannic acid on the synthesis of protein and nucleic acid by rat liver. Biochem J 113:307-13, Jun 69
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CELL NUCLEUS, metabolism/ ENZYME INDUCTION, drug effects/ HYDROCORTISONE, pharmacodynamics/ IN VITRO/ LEUCINE, metabolism/ LIVER, drug effects/ *LIVER, metabolism/ NECROSIS, metabolism/ *NUCLEIC ACIDS, biosynthesis/ OROTIC ACID, metabolism/ *PROTEINS, biosynthesis/ RATS/ RNA, biosynthesis/ *TANNINS, pharmacodynamics/ TRYPTOPHAN OXYGENASE, biosynthesis

176. **Baer L, Goodwin FJ, Laragh JH:** Diazoxide-induced renin release in man: dissociation from plasma and extracellular fluid volume changes.
J Clin Endocr 29:1107-9, Aug 69
ADULT/ BLOOD PRESSURE/ *BLOOD VOLUME/ CLINICAL RESEARCH/ *DIAZOXIDE, pharmacodynamics/ *EXTRACELLULAR SPACE/ FEMALE/ HUMAN/ HYPERTENSION, physiopathology/ KIDNEY FAILURE, CHRONIC, physiopathology/ MALE/ MIDDLE AGE/ *PLASMA/ PLASMA VOLUME/ RENIN, blood/ *RENIN, secretion/ SODIUM, blood/ SODIUM, urine/ STIMULATION, CHEMICAL/ URINE

177. **Baer PN, Archard HO, Gant JQ Jr, et al:** Pemphigus vegetans. Report of a case with a 6-year follow-up.
Oral Surg 28:282-6, Aug 69
AGED/ CASE REPORT/ HUMAN/ MALE/ *METHYLPREDNISOLONE, therapeutic use/ *MOUTH DISEASES, drug therapy/ *PEMPHIGUS, drug therapy

178. **Bahorsky MS, Bernardis LL:** Circadian fluctuations in tibia cartilage. Assayable pituitary homogenates of fed and starved weanling female rats.
Experientia 25:755-6, 1969
ANIMAL EXPERIMENTS/ *CARTILAGE, growth & development/ *CIRCADIAN RHYTHM/ EPIPHYSES, growth & development/ FASTING/ FEMALE/ PITUITARY GLAND/ RATS/ *SOMATOTROPIN, analysis/ TIBIA/ TISSUE EXTRACTS, pharmacodynamics

179. **Baida NA:** Obnaruzhenie opukholevykh kletok v krovi pri razlichnykh vozdeistviiakh na opukholevyi protsess.
Vrach Delo 5:37-9, May 67 **(Rus)**
ANIMAL EXPERIMENTS/ CARCINOMA, BROWN-PEARCE, blood/ *CARCINOMA, BROWN-PEARCE, drug therapy/ CHINCHILLAS/ *CORTISONE, therapeutic use/ FEMALE/ MALE/ *NEOPLASM CIRCULATING CELLS/ RABBITS

180. **Bailey RE, Ford HC:** The effect of heparin on sodium conservation and on the plasma concentration, the metabolic clearance and the secretion and excretion rates of aldosterone in normal subjects.
Acta Endocr (Kobenhavn) 60:249-64, Feb 69
ADULT/ *ALDOSTERONE, metabolism/ ALDOSTERONE, secretion/ CREATININE, urine/ DIET, SALT-FREE/ FEMALE/ *HEPARIN, pharmacodynamics/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ MALE/ METABOLIC CLEARANCE RATE/ POTASSIUM, analysis/ POTASSIUM, urine/ RENIN, blood/ SALIVA, analysis/ SECRETORY RATE/ SODIUM, analysis/ SODIUM, blood/ *SODIUM, metabolism/ TRITIUM

181. **Bailo U, Finzi C:** Il metodo "sequenziale" con una nuova associazione estro-progestinica nel controllo dell'ovulazione.
Minerva Ginec 20:1885-7, 15 Dec 68 **(Ita)**
ADULT/ *CONTRACEPTIVES, ORAL/ ENGLISH ABSTRACT/ *ETHINYL ESTRADIOL, administration & dosage/ ETHINYL ESTRADIOL, therapeutic use/ FEMALE/ HUMAN/ *MEDROXYPROGESTERONE, administration & dosage/ MEDROXYPROGESTERONE, therapeutic use/ MENSTRUATION DISORDERS, drug therapy/ MIDDLE AGE/ *OVULATION, drug effects

182. **Bailo U, Finzi C:** L'emocoagulazione durante il trattamento con contraccettivi orali.

Minerva Ginec 20:1879-84, 15 Dec 68 (Ita)
ADULT/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ THROMBOEMBOLISM, chemically induced

183. **Baitz T, Leak D, Shimizu A:** Hypertension. 2. Investigation of the hypertensive patient.
Appl Ther 11:204-7, Apr 69
ADRENAL GLAND NEOPLASMS, diagnosis/ AORTIC COARCTATION, diagnosis/ CUSHING'S SYNDROME, diagnosis/ ENDOCRINE DISEASES, diagnosis/ FEMALE/ HUMAN/ HYPERALDOSTERONISM, diagnosis/ *HYPERTENSION, diagnosis/ KIDNEY DISEASES, diagnosis/ MALE/ PHEOCHROMOCYTOMA, diagnosis/ PHYSICAL EXAMINATION/ PREGNANCY/ PREGNANCY TOXEMIAS, diagnosis/ RENAL ARTERY OBSTRUCTION, diagnosis

184. **Bajusz E:** Dystrophic calcification of myocardium as conditioning factor in genesis of congestive heart failure. An experimental study.
Amer Heart J 78:202-10, Aug 69
ANIMAL EXPERIMENTS/ *CALCINOSIS, complications/ CALCINOSIS, pathology/ CALCIUM/ CALCIUM, analysis/ CALCIUM, blood/ DIET/ HAMSTERS/ *HEART FAILURE, CONGESTIVE, etiology/ HISTOCYTOCHEMISTRY/ HYPERCALCEMIA, complications/ LIVER, pathology/ MALE/ *MYOCARDIAL DISEASES, PRIMARY, complications/ MYOCARDIAL DISEASES, PRIMARY, pathology/ MYOCARDIUM, analysis/ PARATHYROID GLANDS, physiology/ PARATHYROID HORMONE, pharmacodynamics/ PHOSPHATES

185. **Baker PC, Quay WB:** 5-hydroxytryptamine metabolism in early embryogenesis, and the development of brain and retinal tissues. A review.
Brain Res 12:273-95, Feb 69 (85 ref.)
BLOOD-BRAIN BARRIER/ *BRAIN, growth & development/ BRAIN, metabolism/ CATS/ CATTLE/ CHICK EMBRYO/ FISHES/ GOATS/ GUINEA PIGS/ HISTOCYTOCHEMISTRY/ HORSES/ INVERTEBRATES/ ISOENZYMES/ MELATONIN, metabolism/ MICE/ MITOCHONDRIA, metabolism/ RABBITS/ RATS/ *RETINA, growth & development/ RETINA, metabolism/ REVIEW/ SEROTONIN, antagonists & inhibitors/ SEROTONIN, biosynthesis/ *SEROTONIN, metabolism

186. **Baker TG, Beaumont HM, Franchi LL:** The uptake of tritiated uridine and phenylalanine by the ovaries of rats and monkeys. J Cell Sci 4:655-75, May 69
ANIMAL EXPERIMENTS/ CHROMOSOMES/ FEMALE/ GRAAFIAN FOLLICLE, metabolism/ MICROSCOPY, ELECTRON/ MONKEYS/ *OVARY, metabolism/ OVUM, cytology/ OVUM, metabolism/ *PHENYLALANINE, metabolism/ RADIOAUTOGRAPHY/ RATS/ TRITIUM/ *URIDINE, metabolism

187. **Bakke JL, Klotz LJ:** Treatment of hypothyroidism with synthetic thyroid hormones.
Northwest Med 68:651-6, Jul 69
ADOLESCENCE/ ADULT/ AGED/ CHILD/ FEMALE/ HUMAN/ *HYPOTHYROIDISM, drug therapy/ MALE/ MIDDLE AGE/ THYROXINE, administration & dosage/ *TRIIODOTHYRONINE, administration & dosage

188. **Baklavadjan OG, Kipryan TK:** Analysis of hypothalamic influences on mono- and polysynaptic potentials of the spinal cord and on the electrocorticogram.
Electroenceph Clin Neurophysiol 27:323, Sep 69
ANIMAL EXPERIMENTS/ ATROPINE, pharmacodynamics/ CATS/ CHLORPROMAZINE, pharmacodynamics/ ELECTROENCEPHALOGRAPHY/ HYPOTHALAMUS, cytology/ HYPOTHALAMUS, drug effects/ *HYPOTHALAMUS, physiology/ MESENCEPHALON, physiology/ NEURONS, physiology/ NEURONS, AFFERENT, physiology/ NEURONS, EFFERENT, physiology/ RETICULAR FORMATION, physiology/ *SPINAL CORD, physiology

189. **Balaboikin MI:** Vliianie adipozina na soderzhanie lipidov i gormona rosta v syvorotke krovi bol'nykh, stradaiushchikh ozhireniem.
Probl Endokr (Moskva) 14:43-6, Nov-Dec 68 (Rus)
ADULT/ CHOLESTEROL, blood/ ENGLISH ABSTRACT/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ HUMAN/ KETONE BODIES, blood/ LECITHINS, blood/ LIPOPROTEINS, blood/ MALE/ *OBESITY, drug therapy/ *PITUITARY GLAND/ SOMATOTROPIN, blood/ *TISSUE EXTRACTS, pharmacodynamics

190. **Balaboikin MI:** Narushenie obmena lipidov pri akromegalii.
Probl Endokr (Moskva) 15:30-3, Jan-Feb 69 (Rus)
*ACROMEGALY, metabolism/ ADOLESCENCE/ ADULT/ CHOLESTEROL, blood/ CHROMATOGRAPHY/ ENGLISH ABSTRACT/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ HUMAN/ KETONE BODIES, blood/ LECITHINS, blood/ *LIPIDS, metabolism/ LIPOPROTEINS, blood/ MALE/ MIDDLE AGE

191. **Balaboikin MI:** Otsenka nekotorykh radioimmunologicheskikh metodov opredeleniia gormona rosta v syvorotke krovi (obzor literatury)
Lab Delo 6:329-33, 1969 (23 ref.) (Rus)
ACROMEGALY, blood/ CUSHING'S SYNDROME, blood/ DWARFISM, blood/ HUMAN/ IODINE ISOTOPES/ METHODS/ OBESITY, blood/ *RADIOIMMUNOASSAY/ REVIEW/ *SOMATOTROPIN, blood

192. **Balaboikin MI:** Opredelenie gormona rosta v syvorotke krovi radioimmunologicheskim metodom.
Lab Delo 6:333-7, 1969 (Rus)
ACROMEGALY, blood/ HUMAN/ IODINE ISOTOPES/ METHODS/ *RADIOIMMUNOASSAY/ *SOMATOTROPIN, blood

193. **Balakhovskaia MI, Gincherman EZ:** Pronitsaemost' gemato-éntsefalicheskogo bar'era u bol'nykh pri dientsefal'nom sindrome.
Vrach Delo 10:79-81, Oct 67 (Rus)
*BLOOD-BRAIN BARRIER/ *CUSHING'S SYNDROME, physiopathology/ ENGLISH ABSTRACT/ HUMAN/ METHODS/ *PERMEABILITY/ PHOSPHORUS ISOTOPES

194. **Balázs R, Brooksbank BW, Davison AN, et al:** The effect of neonatal thyroidectomy on myelination in the rat brain. Brain Res 15:219-32, Sep 69
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ BRAIN, drug effects/ *BRAIN, growth & development/ BRAIN CHEMISTRY/ CENTRIFUGATION/ CEREBROSIDES, analysis/ CHOLESTEROL, analysis/ CHROMATOGRAPHY, THIN LAYER/ DNA, analysis/ LIPIDS, analysis/ MYELIN SHEATH, analysis/ MYELIN SHEATH, drug effects/ *MYELIN SHEATH, growth & development/ NERVE TISSUE PROTEINS, analysis/ RATS/ *THYROID GLAND, physiology/ THYROIDECTOMY/ TRIIODOTHYRONINE, pharmacodynamics

195. **Balazs T:** Effects of DDD and DDT on the production and metabolism of adrenocortical steroids in guinea pigs and dogs. Amer J Vet Res 30:1535-40, Sep 69
*ADRENAL CORTEX HORMONES, metabolism/ *ADRENAL GLANDS, drug effects/ *DDD, pharmacodynamics/ *DDT, pharmacodynamics/ DOGS, metabolism/ GUINEA PIGS, metabolism

196. **Balazs T, Ohtake S, Cummings JR, et al:** Ventricular extrasystoles induced by epinephrine, nicotine, ethanol, and vasopressin in dogs with myocardial lesions. Toxic Appl Pharmacol 15:189-205, Jul 69
*ALCOHOL, ETHYL, pharmacodynamics/ ANIMAL EXPERIMENTS/ ASPARTATE AMINOTRANSFERASE, blood/ CREATINE

KINASE, blood/ DOGS/ ELECTROCARDIOGRAPHY/ *EPINEPHRINE, pharmacodynamics/ *EXTRASYSTOLE, chemically induced/ HEART VENTRICLE/ ISOPROTERENOL/ *MYOCARDIAL DISEASES, PRIMARY, chemically induced/ MYOCARDIUM, pathology/ *NICOTINE, pharmacodynamics/ TIME FACTORS/ *VASOPRESSIN, pharmacodynamics

197. **Balen SA, Shalaeva NA:** Belkovye fraktsii syvorotki krovi u bol'nykh s narusheniem funktsii shchitovidnoi zhelezy.
Probl Endokr (Moskva) 13:26-30, May-Jun 67 **(Rus)**
ADULT/ *BLOOD PROTEIN DISORDERS/ BLOOD PROTEIN ELECTROPHORESIS/ ENGLISH ABSTRACT/ FEMALE/ *GOITER, EXOPHTHALMIC, blood/ HUMAN/ *HYPOTHYROIDISM, blood/ MALE/ MIDDLE AGE/ SERUM ALBUMIN, analysis/ SERUM GLOBULIN, analysis/ THYROID GLAND, physiopathology

198. **Ballantyne B, Callaway S, Wood WG:** Beta-D-glucuronidases and the functional activity of the mammalian nephron.
J Physiol (London) 203:11P-12P, Jul 69
ADRENALECTOMY/ ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, ACTIVE/ DEHYDRATION, physiopathology/ FUROSEMIDE, pharmacodynamics/ *GLUCURONIDASE, analysis/ HISTOCYTOCHEMISTRY/ *KIDNEY, enzymology/ MALE/ RATS/ SPECTROPHOTOMETRY

199. **Balli F, Galli V, Massolo F:** Modificazioni della funzionalita' tiroidea in seguito a somministrazione di aminoglutetimide.
Clin Pediat (Bologna) 50:866-72, Dec 68 **(Ita)**
ADRENAL CORTEX HORMONES, therapeutic use/ AMINOGLUTETHIMIDE, pharmacodynamics/ *ANILINE COMPOUNDS, pharmacodynamics/ *ANTICONVULSANTS, pharmacodynamics/ BLOOD PROTEINS, analysis/ BRONCHITIS, drug therapy/ CHILD/ CHILD, PRESCHOOL/ CHOREA, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ HEPATITIS, INFECTIOUS, drug therapy/ HUMAN/ IODINE, blood/ IODOPROTEINS, analysis/ MALE/ PURPURA, drug therapy/ *PYRIDONES, pharmacodynamics/ RHEUMATIC FEVER, drug therapy/ *THYROID GLAND, drug effects/ THYROID GLAND FUNCTION TESTS

200. **Balslev I, Burcharth F, Hjort G:** A clinical investigation on the relationship between the argentaffin cells in duodenum and jejunum and dumping.
Acta Chir Scand Suppl 396:60+, 1969
ADULT/ AGED/ BIOPSY/ *CHROMAFFIN SYSTEM, cytology/ DUMPING SYNDROME, etiology/ *DUMPING SYNDROME, occurrence/ *DUODENUM, cytology/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ *JEJUNUM, cytology/ MALE/ MIDDLE AGE/ PEPTIC ULCER, surgery

201. **Balzer H, Hellenbrecht D:** Beeinflussung des Calcium-Austauschs und der Muskelfunktion des M. rectus and sartorius des Frosches durch Chlorpromazine, Prenylamin, Imipramin und Reserpin.
Naunyn Schmiedeberg Arch Pharm 264:129-46, 1969 **(Ger)**
ACETYLCHOLINE, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ *CHLORPROMAZINE, pharmacodynamics/ DEPRESSION, CHEMICAL/ ELECTRIC STIMULATION/ ENDOPLASMIC RETICULUM, metabolism/ FROGS/ *IMIPRAMINE, pharmacodynamics/ MUSCLE CONTRACTION, drug effects/ MUSCLES, cytology/ MUSCLES, drug effects/ MUSCLES, metabolism/ *MUSCLES, physiology/ *PRENYLAMINE, pharmacodynamics/ *RESERPINE, pharmacodynamics

202. **Bamshad J:** Cutaneous neurohormones.
Missouri Med 66:740-1, Sep 69
ACETYLCHOLINE, physiology/ *AUTONOMIC NERVOUS SYSTEM, secretion/ CATECHOLAMINES, physiology/ CHEMISTRY/ HUMAN/ MELATONIN, physiology/ MONOAMINE OXIDASE, metabolism/ *NEUROHUMORS, physiology/ *SKIN, innervation/ TRANSFERASES, metabolism

203. **Bang HO, Andersen HE, Berthelsen HG:** Simultaneous thin-layer chromatographical determination of pregnanediol and oestriol in urine during late pregnancy. Nord Med 81:193-9, 31 Jul 69
CHROMATOGRAPHY, THIN LAYER/ *ESTRIOL, urine/ FEMALE/ HUMAN/ *PREGNANCY/ *PREGNANEDIOL, urine

204. **Bankowski RA, Moulton JE, Mikami T:** Characterization of Cal-1 strain of acute Marek's disease agent. Amer J Vet Res 30:1667-76, Sep 69
ANIMAL EXPERIMENTS/ *AVIAN LEUKOSIS, microbiology/ *AVIAN LEUKOSIS VIRUS, isolation & purification/ *CHICKENS/ KIDNEY, pathology/ LIVER, pathology/ MYOCARDIUM, pathology/ NERVE TISSUE, pathology/ OVARY, pathology/ *POULTRY DISEASES, microbiology

205. **Bär HP, Hechter O:** Adenyl cyclase and hormone action. I. Effects of adrenocorticotropic hormone, glucagon, and epinephrine on the plasma membrane of rat fat cells. Proc Nat Acad Sci USA 63:350-6, Jun 69
ADENOSINE CYCLIC 3',5'-PHOSPHATE/ ADENYL CYCLASE/ ADIPOSE TISSUE, drug effects/ ANIMAL EXPERIMENTS/ BINDING SITES/ BIOLOGICAL ASSAY/ *CELL MEMBRANE, drug effects/ *CORTICOTROPIN, pharmacodynamics/ EPIDIDYMIS, drug effects/ *EPINEPHRINE, pharmacodynamics/ *GLUCAGON, pharmacodynamics/ MALE/ RATS

206. **Barac G:** Pression artérielle et débit sanguin des surrénales chez le chien.
C R Soc Biol (Paris) 162:2044-9, May 69 **(Fre)**
ADRENAL GLANDS, anatomy & histology/ *ADRENAL GLANDS, blood supply/ ADRENAL GLANDS, transplantation/ ANIMAL EXPERIMENTS/ *BLOOD PRESSURE/ DOGS/ ORGAN WEIGHT/ PERFUSION/ REGIONAL BLOOD FLOW

207. **Baraldi M, Castelli M, Dell'Aira A:** Influenza del trasylol sul tono e sulla motilità dell'utero di ratta estrogenizzata.
Boll Soc Ital Biol Sper 44:1321-4, 31 Aug 68 **(Ita)**
ANIMAL EXPERIMENTS/ *ESTROGENS, pharmacodynamics/ FEMALE/ *KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ RATS/ *SYMPATHOLYTICS, pharmacodynamics/ *UTERUS, drug effects

208. **Barannikova IA:** Vliianie kortikosteroidnoi terapii nefritov nazubochelostiuiu sistemu.
Stomatologiia (Moskva) 48:32-4, Jul-Aug 69 **(Rus)**
*ADRENAL CORTEX HORMONES, therapeutic use/ ALVEOLAR PROCESS, drug effects/ ENGLISH ABSTRACT/ *GINGIVA, drug effects/ HUMAN/ *KIDNEY FAILURE, CHRONIC, drug therapy/ *MOUTH MUCOSA, drug effects/ *ORAL HEALTH/ TOOTH, drug effects

209. **Barannikova IA:** Sostoianie fosforno-kal'tsievogo obmena pri narushenii funktsii pochek.
Lab Delo 10:587-90, 1968 **(Rus)**
ADOLESCENCE/ ADULT/ *CALCIUM, metabolism/ GLOMERULAR FILTRATION RATE/ HUMAN/ KIDNEY FAILURE, CHRONIC, metabolism/ *KIDNEY FUNCTION TESTS/ MIDDLE AGE/ *NEPHRITIS, metabolism/ *PHOSPHATES, metabolism

210. **Barbaresi F, Pavarani A, Starcich R:** La responsabilità del sistema simpatico adrenergico nella sindrome cardiovascolare ipercinetica dell'ipertiroidismo. Studio con antagonisti adrenergici.
G Clin Med 48:1280-301, Dec 67 **(Ita)**

ADULT/ BLOOD PRESSURE/ CARDIAC OUTPUT/ ENGLISH ABSTRACT/ FEMALE/ *GUANETHIDINE, diagnostic use/ HEART RATE/ HUMAN/ *HYPERKINESIS/ *HYPERTHYROIDISM, physiopathology/ MALE/ *METHYLDOPA, diagnostic use/ MIDDLE AGE/ *PHENTOLAMINE, diagnostic use/ *SYMPATHETIC NERVOUS SYSTEM, physiopathology

211. **Barchas J:** Studies on the relation of melatonin to sleep.
Proc West Pharmacol Soc 11:22, 1968
ANIMAL EXPERIMENTS/ BEHAVIOR, ANIMAL, drug effects/ BLOOD PRESSURE, drug effects/ BODY TEMPERATURE, drug effects/ CATS/ CHICKENS/ DOGS/ GUINEA PIGS/ HEXOBARBITAL, pharmacodynamics/ HUMAN/ IN VITRO/ MELATONIN, administration & dosage/ MELATONIN, cerebrospinal fluid/ *MELATONIN, pharmacodynamics/ MICE/ MYOCARDIUM, drug effects/ NEURAL TRANSMISSION, drug effects/ NOREPINEPHRINE, metabolism/ RABBITS/ *SLEEP, drug effects

212. **Barchas J, Conner R, Levine S, et al:** Effects of chronic melatonin and saline injections on pituitary adrenal secretion. Experientia 25:413-4, 15 Apr 69
ANIMAL EXPERIMENTS/ CORTICOSTERONE, blood/ *CORTICOTROPIN, metabolism/ DEPRESSION, CHEMICAL/ MALE/ *MELATONIN, pharmacodynamics/ *PITUITARY-ADRENAL SYSTEM, drug effects/ *PITUITARY GLAND, metabolism/ RATS/ *SODIUM CHLORIDE, pharmacodynamics

213. **Barden N, Korner A:** A defect in the 4s rbosomal subunit after hypophysectomy of the rat.
Biochem J 114:30P, Sep 69
ANIMAL EXPERIMENTS/ *HYPOPHYSECTOMY/ LIVER, metabolism/ MAGNESIUM, pharmacodynamics/ POTASSIUM, pharmacodynamics/ RATS/ *RIBOSOMES, metabolism/ *RNA, metabolism

214. **Bariliak IR:** Sravnenie antitireoidnoĭ i teratogennoĭ aktivnosti nekotorykh gipoglikemiziruiushchikh sul'fanilamidov.
Probl Endokr (Moskva) 14:89-94, Nov-Dec 68 (Rus)
*ABNORMALITIES, DRUG-INDUCED, etiology/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ RATS/ *SULFANILAMIDE, adverse effects/ *THYROID GLAND, drug effects/ THYROID GLAND, pathology/ THYROXINE, adverse effects/ TOLBUTAMIDE, adverse effects

215. **Barkalaia AI:** Kharakter reaktsii insulianogho appapata podzheludochnoĭ zhelezy v usloviiakh sostoianiia khronicheskogo napriazheniia.
Probl Endokr (Moskva) 14:71-4, Nov-Dec 68 (Rus)
ANIMAL EXPERIMENTS/ CHRONIC DISEASE/ CORTICOTROPIN, pharmacodynamics/ ENGLISH ABSTRACT/ EPINEPHRINE, pharmacodynamics/ HYDROCORTISONE, pharmacodynamics/ INSULIN, administration & dosage/ *ISLANDS OF LANGERHANS, physiopathology/ LIPIDS, analysis/ LIVER, analysis/ LIVER GLYCOGEN/ PANCREAS, pathology/ *PANCREAS, physiopathology/ PANCREAS, radiation effects/ RADIATION EFFECTS/ RATS/ *STRESS, physiopathology/ TETRACYCLINE, poisoning

216. **Barkley DS:** Adenosine-3',5'-phosphate: identification as acrasin in a species of cellular slime mold.
Science 165:1133-4, 12 Sep 69
*ADENINE NUCLEOTIDES, isolation & purification/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, isolation & purification/ *BIOLOGICAL PRODUCTS, analysis/ CHROMATOGRAPHY/ *MYXOMYCETES/ SOLVENTS

217. **Barnard RO, Parsons M:** Carcinoma of the thyroid with leptomeningeal dissemination following the treatment of a toxic goitre with 131-I and methyl thiouracil. Case with a co-existing intracranial dermoid. J Neurol Sci 8:299-306, Mar-Apr 69
AGED/ ARACHNOID, pathology/ BRAIN NEOPLASMS, complications/ *BRAIN NEOPLASMS, diagnosis/ BRAIN NEOPLASMS, radiography/ *CARCINOMA, diagnosis/ CRANIAL FOSSA, POSTERIOR/ *DERMOID CYST, complications/ FEMALE/ *GOITER, drug therapy/ HUMAN/ IODINE ISOTOPES, adverse effects/ NEOPLASM METASTASIS/ PIA MATER, pathology/ SKULL, radiography/ *SKULL NEOPLASMS, complications/ THIOURACIL, adverse effects/ THYROID NEOPLASMS, complications/ *THYROID NEOPLASMS, diagnosis/ THYROID NEOPLASMS, etiology/ THYROID NEOPLASMS, radiography/ TIME FACTORS

218. **Barnardo DE, Strong CG, Baldus WP:** Failure of the cirrhotic liver to inactivate renin: evidence for a splanchnic source of renin-like activity.
J Lab Clin Med 74:495-506, Sep 69
ADULT/ AGED/ ANGIOTENSIN, analysis/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ DOGS/ FEMALE/ HEPATIC VEINS/ HUMAN/ *LIVER, physiopathology/ LIVER CIRRHOSIS, blood/ *LIVER CIRRHOSIS, physiopathology/ MALE/ MIDDLE AGE/ PORTAL VEIN/ *RENIN, blood/ RENIN, secretion

219. **Barnes AD, Crosier C:** Effect of antilymphocyte serum on the survival of ovary allografts in the mouse.
Nature (London) 223:1059-60, 6 Sep 69
ANIMAL EXPERIMENTS/ ANTILYMPHOCYTE SERUM, pharmacodynamics/ ESTRUS/ FEMALE/ *IMMUNE SERUMS/ *LYMPHOCYTES, immunology/ MICE/ *OVARY, transplantation/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY

220. **Barnett EV:** Diagnostic aspects of lupus erythematosus cells and antinuclear factors in disease states.
Mayo Clin Proc 44:645-8, Sep 69
ANTINUCLEAR FACTORS/ ARTHRITIS, RHEUMATOID, diagnosis/ *AUTOANTIBODIES/ AZATHIOPRINE, therapeutic use/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ *LE CELLS/ LUPUS ERYTHEMATOSUS, SYSTEMIC, chemically induced/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, diagnosis/ LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ PREDNISONE, therapeutic use

221. **Barnett JA, Sanford JP:** Bacterial shock.
JAMA 209:1514-7, 8 Sep 69
AEROBACTER, isolation & purification/ ANTIBIOTICS, therapeutic use/ BLOOD CIRCULATION/ BLOOD VOLUME/ DRAINAGE/ ESCHERICHIA COLI, isolation & purification/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ INJECTIONS, INTRAVENOUS/ PARACOLOBACTRUM, isolation & purification/ PROTEUS, isolation & purification/ PSEUDOMONAS, isolation & purification/ *SHOCK, ENDOTOXIC/ SHOCK, ENDOTOXIC, diagnosis/ SHOCK, ENDOTOXIC, microbiology/ SHOCK, ENDOTOXIC, physiopathology/ SHOCK, ENDOTOXIC, prevention & control/ SHOCK, ENDOTOXIC, therapy/ SYMPATHOMIMETICS, therapeutic use

222. **Baroni CD, Fabris N, Bertoli G:** Effects of hormones on development and function of lymphoid tissues. Synergistic action of thyroxin and somatotropic hormone in pituitary dwarf mice.
Immunology 17:303-14, Aug 69
ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ *BONE MARROW CELLS, drug effects/ DRUG SYNERGISM/ *DWARFISM, PITUITARY, drug therapy/ ERYTHROCYTES, immunology/ FEMALE/ LYMPH NODES, drug effects/ LYMPHOID TISSUE, growth & development/ *LYMPHOID TISSUE, immunology/ MALE/ MICE/ SHEEP/ SOMATOTROPIN, physiology/ *SOMATOTROPIN, therapeutic use/ THYMUS

GLAND, drug effects/ THYROXINE, physiology/ *THYROXINE, therapeutic use

223. **Barr ML, Sergovich FR, Carr DH, et al:** The triplo-X female: an appraisal based on a study of 12 cases and a review of the literature.
Canad Med Ass J 101:247-58, 6 Sep 69
ABNORMALITIES, familial & genetic/ *ABNORMALITIES, occurrence/ ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ EUROPE/ FEMALE/ GENITALIA, FEMALE, abnormalities/ HUMAN/ INFANT/ INFANT, NEWBORN/ KARYOTYPING/ *MENTAL DISORDERS, occurrence/ *MENTAL RETARDATION, occurrence/ MIDDLE AGE/ *MOSAICISM/ NORTH AMERICA/ *SEX CHROMOSOME ABNORMALITIES/ *TRISOMY

224. **Barraclough M, Guignard J, Jones NF, et al:** Effect of vasopressin on sodium and potassium reabsorption by the renal tubules in man.
J Physiol (London) 203:71P-72P, Jul 69
CREATININE, urine/ DIABETES INSIPIDUS, metabolism/ HUMAN/ KIDNEY TUBULES, drug effects/ *KIDNEY TUBULES, metabolism/ *POTASSIUM, metabolism/ POTASSIUM, urine/ *SODIUM, metabolism/ SODIUM, urine/ *VASOPRESSIN, pharmacodynamics

225. **Barranco SC, Doty SB, Merz T:** Changes in the marrow cell cycle time following deposition of Ca45 in bone.
Amer J Roentgen 106:802-7, Aug 69
ANIMAL EXPERIMENTS/ BONE AND BONES, metabolism/ BONE MARROW CELLS, metabolism/ *BONE MARROW CELLS, radiation effects/ *CALCIUM ISOTOPES/ CALCIUM ISOTOPES, metabolism/ MALE/ *MITOSIS, radiation effects/ *RADIATION INJURY, EXPERIMENTAL, pathology/ RADIOAUTOGRAPHY/ RATS/ THYMIDINE, metabolism/ TIME FACTORS/ TRITIUM

226. **Barrett AM:** Simulation of the apparent effects of mebanazine on growth hormone by pair-feeding of control animals. J Pharm Pharmacol 21:481-7, Aug 69
AMPHETAMINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD SUGAR/ BODY WEIGHT/ DRUG SYNERGISM/ EPIPHYSES, drug effects/ FEEDING BEHAVIOR, drug effects/ GROWTH, drug effects/ *HYDRAZINES, pharmacodynamics/ INSULIN, pharmacodynamics/ MALE/ *MONOAMINE OXIDASE INHIBITORS, pharmacodynamics/ PITUITARY GLAND, analysis/ RATS/ *SOMATOTROPIN, secretion

227. **Barrière H, Lemoine P:** Lupo-érythémato-viscérite chez une enfant de 12 ans.
Bull Soc Franc Derm Syph 76:55-6, 1969 (Fre)
ADOLESCENCE/ ADRENAL CORTEX HORMONES, adverse effects/ ARTHRITIS, RHEUMATOID, diagnosis/ CASE REPORT/ *CUSHING'S SYNDROME, chemically induced/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ *LUPUS ERYTHEMATOSUS, SYSTEMIC/ LUPUS ERYTHEMATOSUS, SYSTEMIC, diagnosis/ LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy

228. **Barry J:** Recherches sur l'origine et les sites de terminaison des fibres monoaminergiques du tractus hypothalamo-hypophysaire.
C R Soc Biol (Paris) 162:1946-8, May 69 (Fre)
ANIMAL EXPERIMENTS/ GUINEA PIGS/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, anatomy & histology/ MICE/ MICROSCOPY, FLUORESCENCE/ NEURAL INTERCONNECTIONS/ RATS

229. **Barry J:** Recherches sur le rôle des monoamines infundibulaires au cours de l'allaitement chez la souris. C R Soc Biol (Paris) 162:1954-5, May 69 (Fre)
ANIMAL EXPERIMENTS/ *DOPAMINE, pharmacodynamics/ DRUG SYNERGISM/ FEMALE/ *HYPOTHALAMUS, physiology/ *LACTATION, drug effects/ *METHYLTYROSINES, pharmacodynamics/ MICE/ MICROSCOPY, FLUORESCENCE/ NIALAMIDE, pharmacodynamics/ PREGNANCY/ *PROLACTIN, antagonists & inhibitors

230. **Barta L:** Endokrine Interrelationen beim Diabetes mellitus des Kindes.
Arch Kinderheilk 179:7-16, May 69 (Ger)
ADOLESCENCE/ ADULT/ BIRTH WEIGHT/ BODY CONSTITUTION/ CHILD/ CHILD, PRESCHOOL/ DIABETES MELLITUS, JUVENILE, blood/ *DIABETES MELLITUS, JUVENILE, complications/ *DWARFISM, complications/ *ENDOCRINE DISEASES/ ENGLISH ABSTRACT/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ GROWTH DISORDERS, complications/ *HEART DEFECTS, CONGENITAL, complications/ HUMAN/ HYPOGONADISM, complications/ MALE/ MENTAL RETARDATION, complications/ MONGOLISM, complications/ OBESITY, blood/ *OBESITY, complications/ SOMATOTROPIN, physiology/ STATISTICS/ TRIGLYCERIDES, blood/ TURNER'S SYNDROME, complications

231. **Bartels HA, Cohen G, Scopp IW:** Alterations in the oral microbial flora accompanying local and systemic drug therapy. J Periodont 40:421-3, Jul 69
*ANTIBIOTICS, pharmacodynamics/ *BACTERIA, drug effects/ CASE REPORT/ HUMAN/ KLEBSIELLA, isolation & purification/ MALE/ MIDDLE AGE/ *MOUTH, microbiology/ MOUTHWASHES/ NEISSERIA, isolation & purification/ *SALIVA, microbiology/ *STEROIDS, pharmacodynamics/ STREPTOCOCCUS, isolation & purification

232. **Bartenjev M:** Rahitis in zobje (sondažna študija)
Zobozdrav Vestn 24:70-2, 1969 (Slv)
RICKETS, complications/ SPECIAL LIST DENTAL/ TOOTH DISEASES, etiology

233. **Barth T, Hütter HJ, Pliška V, et al:** Inactivation of deamino-oxytocin, deamino-carba-oxytocin, (D-lys)-, and (D-arg)vasopressins by kidney cell particles.
Experientia 25:646-7, 15 Jun 69
AMINOPEPTIDASES, metabolism/ ANIMAL EXPERIMENTS/ CYTOPLASM/ KIDNEY, cytology/ KIDNEY, enzymology/ *KIDNEY, metabolism/ *MICROSOMES, metabolism/ *OXYTOCICS, metabolism/ *PEPTIDES, metabolism/ SWINE/ *VASOPRESSIN, metabolism

234. **Barthel W, Markwardt F:** Die Wirkung von Prenylamin auf die 5-HT-Speicherung der Blutplättchen.
Biochem Pharmacol 18:1899-905, Aug 69 (Ger)
ADENOSINE TRIPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, drug effects/ *BLOOD PLATELETS, drug effects/ CALCIUM, pharmacodynamics/ ENGLISH ABSTRACT/ ETHYLMALEIMIDE, pharmacodynamics/ HISTAMINE, metabolism/ PRENYLAMINE, antagonists & inhibitors/ *PRENYLAMINE, pharmacodynamics/ RABBITS/ *SEROTONIN, metabolism/ TIME FACTORS

235. **Bartholomew AA, Sutherland G:** Alcoholism, drug dependency and sex chromosome abnormalities.
Med J Aust 2:440-3, 30 Aug 69
ADULT/ *ALCOHOLISM, complications/ AUSTRALIA/ CRIME/ DRUG ABUSE, complications/ *DRUG ADDICTION, complications/ HUMAN/ KARYOTYPING/ MALE/ MIDDLE AGE/ *SEX CHROMOSOME ABNORMALITIES, complications

236. **Bartók I, Mónus Z:** Peliosis hepatis. Neuere Beiträge zur Rolle hormonaler Faktoren.
Zbl Allg Path 112:171-8, 1969 (Ger)
ADULT/ CORTICOTROPIN, adverse effects/ CORTICOTROPIN, therapeutic use/ FEMALE/ *HORMONES, adverse effects/ HUMAN/ LIVER DISEASES, complications/ LIVER DISEASES, etiology/ *LIVER DISEASES, pathology/ MALE/ MENSTRUATION DISORDERS, complications/ MIDDLE AGE/ PEMPHIGUS, complications/ PEMPHIGUS, drug therapy/ PREDNISOLONE, adverse

effects/ PREDNISOLONE, therapeutic use/ PURPURA, complications/ PURPURA, etiology/ *PURPURA, pathology

237. **Barusco G, Manani G, Gritti G:** Utilizzazione delle soluzioni cosi dette ripolarizzanti, dei glucidi fosforilati e di un farmaco atarattico nel trattamento preventivo dello shock endotosinico sperimentale.
Acta Anaesth (Padova) 19:Suppl 4:41-8, 1968 **(Ita)**
ANIMAL EXPERIMENTS/ ENDOTOXINS/ ENGLISH ABSTRACT/ *ESCHERICHIA COLI/ *GLUCOSE, pharmacodynamics/ *HEXOSEPHOSPHATES, pharmacodynamics/ *HYDROCORTISONE, pharmacodynamics/ *INSULIN, pharmacodynamics/ RATS/ *SHOCK, ENDOTOXIC

238. **Baryluk-Bobrowska B, Rogowski J, Kubicki J:** Nabłoniak kosmówkowy o nidtypowym przebiegu.
Przegl Lek 25:606-7, 1969 **(Pol)**
ADULT/ CASE REPORT/ *CHORIOCARCINOMA, diagnosis/ ENGLISH ABSTRACT/ FEMALE/ *GYNECOLOGIC NEOPLASMS, diagnosis/ HUMAN/ NEOPLASM METASTASIS

239. **Bashmakov AI:** O primenenii gliukokortikoidov pri operatsiiakh po povodu tuberkuleza legkikh.
Klin Khir (Kiev) 2:60-3, Feb 67 **(Rus)**
ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, physiopathology/ CORTISONE, therapeutic use/ *GLUCOCORTICOIDS, therapeutic use/ HUMAN/ HYDROCORTISONE, therapeutic use/ *TUBERCULOSIS, PULMONARY, surgery

240. **Basova GG, Ginodman LM:** Kontsentrirovanie gipotalamicheskogo faktora, stimuliruiushchego sekretsiiu gipofizom liuteiniziuiushcchego gormona.
Probl Endokr (Moskva) 14:78-82, May-Jun 68 **(Rus)**
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ HYPOTHALAMUS, analysis/ LH, blood/ *LH, secretion/ PITUITARY GLAND, secretion/ *PITUITARY HORMONE RELEASING FACTORS, analysis/ PITUITARY HORMONE RELEASING FACTORS, pharmacodynamics/ SWINE

241. **Basser LS, Neale FC, Ireland AW, et al:** Epilepsy and electroencephalographic abnormalities in chronic surgical hypoparathyroidism.
Ann Intern Med 71:507-15, Sep 69
ADULT/ AGED/ CALCIUM, blood/ CHRONIC DISEASE/ *ELECTROENCEPHALOGRAPHY/ EPILEPSY, blood/ *EPILEPSY, complications/ EPILEPSY, physiopathology/ FEMALE/ HUMAN/ HYPOPARATHYROIDISM, blood/ *HYPOPARATHYROIDISM, complications/ HYPOPARATHYROIDISM, etiology/ HYPOPARATHYROIDISM, physiopathology/ MIDDLE AGE/ NERVOUS SYSTEM DISEASES, complications/ *PARATHYROID GLANDS, surgery/ *POSTOPERATIVE COMPLICATIONS

242. **Bassett JM, Hinks NT:** Micro-determination of corticosteroids in ovine peripheral plasma: effects of venipuncture, corticotrophin, insulin and glucose.
J Endocr 44:387-403, Jul 69
*ADRENAL CORTEX HORMONES, blood/ ANIMAL EXPERIMENTS/ *BLOODLETTING/ *CORTICOTROPIN, pharmacodynamics/ GEL FILTRATION/ *GLUCOSE, pharmacodynamics/ HYDROCORTISONE, blood/ INJECTIONS, INTRAVENOUS/ *INSULIN, pharmacodynamics/ METHODS/ SHEEP/ TRANSCORTIN/ TRITIUM

243. **Bateman AJ:** A storm in a coffee cup.
Mutat Res 7:475-8, May-Jun 69
*ANEUPLOIDY, drug effects/ ANIMAL EXPERIMENTS/ CAFFEINE, administration & dosage/ *CAFFEINE, pharmacodynamics/ DROSOPHILA/ FEMALE/ MALE/ MEIOSIS/ *SEX CHROMOSOMES, drug effects

244. **Batra BK, Sidhar AP:** Vaginal smear in mice as an indicator of ova in oviduct.
Indian J Exp Biol 7:93-5, Apr 69
ANIMAL EXPERIMENTS/ ESTRUS/ FEMALE/ MEIOSIS/ METHODS/ MICE/ OVIDUCTS/ *OVULATION/ OVUM/ *VAGINAL SMEARS

245. **Baud CA, Lee HS:** Etude par diffraction des rayons x de l'incorporation in vivo du carbonate dans la substance minérale osseuse.
C R Acad Sci [D] (Paris) 268:2956-7, 16 Jun 69 **(Fre)**
ANIMAL EXPERIMENTS/ APATITES, metabolism/ *BONE AND BONES, metabolism/ CARBONATES, analysis/ *CARBONATES, metabolism/ CRYSTALLOGRAPHY/ MAMMALS/ REPTILES/ X-RAY DIFFRACTION

246. **Baudet JH:** Les hémorrhagies génitales fonctionnelles.
Presse Med 77:1353-5, 24 Sep 69 **(Fre)**
ADOLESCENCE/ ADULT/ CERVIX MUCUS, analysis/ CORPUS LUTEUM HORMONES, secretion/ ENDOMETRIUM, pathology/ ESTROGENS, secretion/ ESTROGENS, therapeutic use/ ESTRONE, secretion/ FEMALE/ GONADOTROPINS, CHORIONIC, therapeutic use/ HUMAN/ HYPERPLASIA/ *METRORRHAGIA/ METRORRHAGIA, diagnosis/ METRORRHAGIA, drug therapy/ METRORRHAGIA, etiology/ PROGESTERONE, therapeutic use/ TEMPERATURE/ VAGINAL SMEARS

247. **Bauer R:** Die metaphysäre Dysostose.
Arch Orthop Unfallchir 64:305-12, 1968 **(Ger)**
ACIDOSIS, RENAL TUBULAR, diagnosis/ ADOLESCENCE/ ANTHROPOMETRY/ BONE DISEASES, radiography/ BONE DISEASES, surgery/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ *DYSCHONDROPLASIA, diagnosis/ ENGLISH ABSTRACT/ FEMALE/ FEMUR, radiography/ HUMAN/ *LEG/ OSSIFICATION, PATHOLOGIC, diagnosis/ OSTEOTOMY/ RICKETS, diagnosis/ TIBIA, radiography

248. **Baughman FA Jr:** Klinefelter's syndrome and essential tremor.
Lancet 2:545, 6 Sep 69
ADOLESCENCE/ HUMAN/ *KLINEFELTER'S SYNDROME, familial & genetic/ MALE/ MENTAL RETARDATION, familial & genetic/ MIDDLE AGE/ SEX CHROMATIN/ SEX CHROMOSOMES/ *TREMOR, familial & genetic

249. **Baumann P, Wright BE:** The fructose 1,6-diphosphatase of Dictyostelium discoideum.
Biochemistry (Wash) 8:1655-9, Apr 69
ADENINE NUCLEOTIDES/ ADENOSINE CYCLIC 3',5'-PHOSPHATE/ CHEMISTRY/ CYANIDES/ CYSTEINE/ EDTA/ FRUCTOSE/ *HEXOSEDIPHOSPHATASE/ HEXOSEDIPHOSPHATASE, antagonists & inhibitors/ HEXOSEDIPHOSPHATASE, isolation & purification/ HEXOSEPHOSPHATES/ HISTIDINE/ HYDROGEN-ION CONCENTRATION/ MAGNESIUM/ MANGANESE/ MERCAPTOETHANOL/ MYXOMYCETES, enzymology/ SULFHYDRYL COMPOUNDS

250. **Baxter JW, Manning M, Sawyer WH:** Solid-phase syntheis and some pharmacological properties of [8-phenylalanine]-oxytocin.
Biochemistry (Wash) 8:3592-7, Sep 69
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BLADDER, drug effects/ CHEMISTRY/ CHICKENS/ DEPRESSION, CHEMICAL/ DEXTRAN/ DIURESIS, drug effects/ FEMALE/ FROGS/ GEL FILTRATION/ LACTATION/ MAGNESIUM, pharmacodynamics/ METHODS/ *OXYTOCIN/ *PEPTIDES/ PEPTIDES, analysis/ PEPTIDES, chem synthesis/ PEPTIDES, pharmacodynamics/ PHENYLALANINE/ *PITUITARY GLAND, analysis/ PITUITARY HORMONES, POSTERIOR, analysis/ PITUITARY HORMONES, POSTERIOR, pharmacodynamics/ RABBITS/ RATS/ SHARKS/ UTERUS, drug effects/ VASOMOTOR SYSTEM, drug effects

251. **Baxter-Grillo DL:** Enzyme histochemistry and

hormones of the developing gastrointestinal tract of the chick embryo. I. A histochemical and quantitative study of glycogen, uridine diphosphate glucose-glycogen transglucosylase, glucose-6-phosphatase and phosphorylase.
Histochemie 19:31-43, 1969
ADENOSINE CYCLIC 3',5'-PHOSPHATE, analysis/ ANIMAL EXPERIMENTS/ CHICK EMBRYO/ EPINEPHRINE, pharmacodynamics/ *GASTROINTESTINAL SYSTEM, embryology/ *GASTROINTESTINAL SYSTEM, enzymology/ GIZZARD, enzymology/ GLUCAGON, pharmacodynamics/ *GLUCOSEPHOSPHATASE, analysis/ *GLUCOSYLTRANSFERASES, analysis/ *GLYCOGEN, analysis/ HISTOCYTOCHEMISTRY/ PROVENTRICULUS, enzymology/ URACIL NUCLEOTIDES

252. **Baylé JD**: Evolution post-opératoire de la corticostéronémie après hypophysectomie ou déconnexion hypothalamo-hypophysaire chez le canard. J Physiol (Paris) 60:Suppl 2:397, 1968 (Fre)
ANIMAL EXPERIMENTS/ *CORTICOSTERONE, blood/ DUCKS/ FLUOROMETRY/ *HYPOPHYSECTOMY, adverse effects/ *HYPOTHALAMUS, surgery/ MALE/ POSTOPERATIVE COMPLICATIONS, blood

253. **Bayreuther K**: Die Cytogenetik zweier norddeutscher Populationen von Nosopsyllus fasciatus Bosc (Aphaniptera) Chromosoma 27:20-46, 1969 (Ger)
ANIMAL EXPERIMENTS/ *CHROMOSOMES/ *CYTOGENETICS/ ENGLISH ABSTRACT/ EVOLUTION/ FEMALE/ *FLEAS, cytology/ MALE/ MEIOSIS/ MITOSIS/ OVUM, growth & development/ SEX CHROMOSOMES/ SEX DETERMINATION/ SPERMATOZOA, growth & development

254. **Bazerque PM, Meiss A, Davison TA**: The effect of parathyroidectomy on submaxillary and retrolingual gland in the rat. Acta Physiol Lat Amer 19:16-21, 1969
ANIMAL EXPERIMENTS/ FEMALE/ HISTOLOGY/ *PARATHYROID GLANDS, surgery/ RATS/ *SUBMANDIBULAR GLAND/ WATER/ WEIGHTS AND MEASURES

255. **Beall GN, Solomon DH, Doniach D, et al**: Can LATS be detected by immunofluorescence?
J Clin Endocr 29:1114-6, Aug 69
ALCOHOL, ETHYL/ AUTOANTIBODIES/ CYTOPLASM/ *FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ HYPERTHYROIDISM, immunology/ *LONG-ACTING THYROID STIMULATOR, analysis/ METHODS/ MYXEDEMA, immunology/ *THYROID GLAND, immunology/ THYROIDITIS, immunology/ THYROIDITIS, LYMPHOMATOUS, immunology

256. **Beare-Rogers JL, Rogers CG, Sabry ZI**: Respnses of young rats to an oral contraceptive fed with varying levels of pyridoxine.
Canad J Physiol Pharmacol 47:685-8, Aug 69
ALANINE AMINOTRANSFERASE, metabolism/ ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ DIET/ *ERYTHROCYTES, drug effects/ ERYTHROCYTES, enzymology/ FEMALE/ LIVER, analysis/ *LIVER, drug effects/ LIVER, enzymology/ *MESTRANOL, pharmacodynamics/ *NORETHYNODREL, pharmacodynamics/ PYRIDOXINE, analysis/ *PYRIDOXINE, pharmacodynamics/ PYRIDOXINE DEFICIENCY/ XANTHURENATES, urine

257. **Beas F, Salinas A, Pak N**: Action of "chorionic growth hormone-prolactin" on growth and carcass composition of hypophysectomized rat.
Proc Soc Exp Biol Med 131:1171-5, Sep 69
ACETIC ACIDS/ ANIMAL EXPERIMENTS/ *BODY COMPOSITION, drug effects/ CALCIUM, analysis/ GEL DIFFUSION TESTS/ GEL FILTRATION/ *GROWTH, drug effects/ HYPOPHYSECTOMY/ LIPIDS, analysis/ NITROGEN, analysis/ *PLACENTAL HORMONES, pharmacodynamics/ PLACENTAL LACTOGEN, pharmacodynamics/ PROTEINS, analysis/ RABBITS/ RATS/ SOMATOTROPIN/ WATER, analysis

258. **Beasley WB, Arora SL**: Oral contraceptives; medical aspects and nursinng responsibilities.
Nurs J India 60:120-5, Apr 69
CONTRACEPTION/ CONTRACEPTIVES, ORAL/ SPECIAL LIST NURSING

259. **Beattie CW, Chernov HI, Bernard PS, et al**: Pharmacological alteration of hyper-reactivity in rats with septal and hypothalamic lesions.
Int J Neuropharmacol 8:365-71, Jul 69
AMINOPYRINE, pharmacodynamics/ *ANALGESICS AND ANTIPYRETICS, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BEHAVIOR, ANIMAL, drug effects/ BRAIN, drug effects/ BRAIN, physiology/ BRAIN INJURY, ACUTE/ CEREBRAL VENTRICLES, injuries/ CHLORDIAZEPOXIDE, pharmacodynamics/ CHLORPROMAZINE, pharmacodynamics/ CYCLAZOCINE, pharmacodynamics/ DRUG SYNERGISM/ HYPOTHALAMUS, injuries/ MALE/ MORPHINE, antagonists & inhibitors/ MORPHINE, pharmacodynamics/ NALORPHINE, pharmacodynamics/ *NARCOTIC ANTAGONISTS, pharmacodynamics/ PENTAZOCINE, pharmacodynamics/ PENTOBARBITAL, pharmacodynamics/ PHYSOSTIGMINE, pharmacodynamics/ PILOCARPINE, pharmacodynamics/ RATS/ REACTION TIME, drug effects/ *TRANQUILIZING AGENTS, pharmacodynamics

260. **Beatty DD**: Visual pigment changes in juvenile kokanee salmon in response to thyroid hormones.
Vision Res 9:855-64, Aug 69
ANIMAL EXPERIMENTS/ BEHAVIOR, ANIMAL/ PERIODICITY/ *RETINA, drug effects/ *RETINAL PIGMENTS, analysis/ SALMONIDAE/ *THYROID HORMONES, pharmacodynamics/ THYROXINE, pharmacodynamics/ TRIIODOTHYRONINE, pharmacodynamics

261. **Beauvais P, Rumpler Y, Ruch JV, et al**: A propos d'une translocation d'une partie des bras longs d'un chromosome 5 sur les bras longs d'un chromosome du groupe D (Bq-, Dq+)
Arch Franc Pediat 26:695-704, Jun-Jul 69 (Fre)
*CHROMOSOME ABERRATIONS/ *CHROMOSOME ABNORMALITIES, familial & genetic/ *CHROMOSOMES, HUMAN, 4-5/ *CHROMOSOMES, HUMAN, 13-15/ CRYING CAT SYNDROME, diagnosis/ FACIAL EXPRESSION/ FEMALE/ HUMAN/ INFANT, NEWBORN/ INTELLIGENCE TESTS/ KARYOTYPING/ MENTAL RETARDATION, familial & genetic/ PHENOTYPE/ PSYCHOMOTOR DISORDERS/ SEX CHROMATIN

262. **Beauvallet M, Godefroy F, Weil-Fugazza J**: Modification de la teneur en 5-hydroxytryptamine du coeur au cours d'une surcharge du régime en chlorure de sodium. C R Soc Biol (Paris) 162:2085-8, 1968 (Fre)
ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ BODY WEIGHT/ *DIET/ MALE/ *MYOCARDIUM, metabolism/ NOREPINEPHRINE, pharmacodynamics/ RATS/ *SEROTONIN, metabolism/ *SODIUM CHLORIDE/ STIMULATION, CHEMICAL/ WATER-ELECTROLYTE BALANCE

263. **Beck P, Giddings JC, Bloom AL**: Inhibitor of factor 8 in mild haemophilia. Brit J Haemat 17:283-8, Sep 69
ADULT/ ANTIGENS/ FACTOR VIII, analysis/ *FACTOR VIII, antagonists & inhibitors/ FACTOR VIII, therapeutic use/ FRACTURE FIXATION/ HEMOPHILIA, drug therapy/ *HEMOPHILIA, drug therapy/ HEMOPHILIA, immunology/ HEMORRHOIDS, surgery/ HUMAN/ MALE/ MIDDLE AGE/ PREDNISONE, therapeutic use

264. **Becker HW, Becker C**: Die populationsgenetische Bedeutung der gegenwärtigen Strahlenbelastung durch Röntgendiagnostik.
Z Aerztl Fortbild (Jena) 63:465-74, 1 May 69 (82 ref.) (Ger)
ABNORMALITIES, etiology/ ANIMAL EXPERIMENTS/ DROSOPHILA, radiation

effects/ *GENETICS, POPULATION, radiation effects/ GONADS, radiation effects/ HUMAN/ INFANT MORTALITY/ MICE/ MICE, radiation effects/ MUTATION/ PELVIS, radiography/ *RADIATION GENETICS/ *RADIOGRAPHY/ RADIOGRAPHY, adverse effects/ REVIEW/ SEX RATIO, radiation effects/ SPERMATOZOA, radiation effects

265. **Becker K:** Biochemische Untersuchungen zum Bindegewebsstoffwechsel bei menschlicher und experimenteller Leberzirrhose.
Deutsch Z Verdau Stoffwechselkr 28:161-2, 1968 (Ger)
AMIDES, adverse effects/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY/ *CONNECTIVE TISSUE, metabolism/ CORTISONE, therapeutic use/ FIBROBLASTS, metabolism/ HUMAN/ LIVER CIRRHOSIS, chemically induced/ LIVER CIRRHOSIS, drug therapy/ *LIVER CIRRHOSIS, metabolism/ MALE/ *MUCOPOLYSACCHARIDES, metabolism/ RATS/ SULFATES/ SULFHYDRYL COMPOUNDS, adverse effects/ SULFUR ISOTOPES

266. **Béclère C, Mestier R de:** Traitement prophylactique des avortements du 1er trimestre par les dosages hormonaux systématiques et les traitements hormonaux de gonadotrophines, oestrogènes et progestérone réalisés dès le début des grossesses avec antécédents pathologiques.
Rev Franc Gynec Obstet 62:495-501, Sep 67 (Fre)
*ABORTION, prevention & control/ ENGLISH ABSTRACT/ *ESTROGENS, therapeutic use/ FEMALE/ *GONADOTROPINS, CHORIONIC, therapeutic use/ HUMAN/ PREGNANCY/ PRENATAL CARE/ *PROGESTERONE, therapeutic use

267. **Bédard P, Larochelle L, Poirier LJ:** Origine des afférences striatales dopaminergiques et sérotoninergiques chez le chat.
J Physiol (Paris) 60:Suppl 2:345, 1968 (Fre)
ANIMAL EXPERIMENTS/ CATS/ *DOPAMINE, metabolism/ *SEROTONIN, metabolism/ *THALAMUS, metabolism/ THALAMUS, physiology

268. **Beechey P, Lincoln DW:** A miniature FM transmitter for the radio-telemetry of unit activity.
J Physiol (London) 203:5P-6P, Jul 69
ANIMAL EXPERIMENTS/ CEREBRAL CORTEX, physiology/ *ELECTROPHYSIOLOGY, instrumentation/ HYPOTHALAMUS, physiology/ RABBITS/ *TELEMETRY, instrumentation/ THALAMUS, physiology

269. **Beer AE:** Fetal erythrocytes in maternal circulation of 155 Rh-negative women.
Obstet Gynec 34:143-50, Aug 69
ERYTHROBLASTOSIS, FETAL, prevention & control/ *ERYTHROCYTES/ FEMALE/ *FETOMATERNAL TRANSFUSION/ FETUS/ GLOBULINS, therapeutic use/ HUMAN/ IMMUNITY, PASSIVE/ LABOR, INDUCED/ MATERNAL-FETAL EXCHANGE/ OXYTOCIN, adverse effects/ PREGNANCY/ *RH FACTORS

270. **Béguin F, Keller M, Stamm O, et al:** Recherches concernant le mécanisme d'action d'un rétrostéroïde, le RO 4-8347.
Gynaecologia (Basel) 167:450-61, 1969 (Fre)
ADULT/ AMENORRHEA, drug therapy/ *DYDROGESTERONE, pharmacodynamics/ DYDROGESTERONE, therapeutic use/ ESTRADIOL, urine/ ESTRIOL, urine/ ESTRONE, urine/ FEMALE/ HUMAN/ 17-KETOSTEROIDS, urine/ LH, urine/ MENSTRUATION DISORDERS, drug therapy/ *OVULATION, drug effects/ PREGNANEDIOL, urine/ STERILITY, FEMALE, drug therapy/ UTERINE HEMORRHAGE, drug therapy

271. **Behrens OK, Grinnan EL:** Polypeptide hormones.
Ann Rev Biochem 38:83-112, 1969 (231 ref.)
ADENOSINE CYCLIC 3',5'-PHOSPHATE, physiology/ ADENYL CYCLASE, physiology/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BONE AND BONES, physiology/ CATTLE/ CHEMISTRY/ GASTROINTESTINAL HORMONES, physiology/ GLUCAGON, physiology/ GLUCOSE, physiology/ HUMAN/ *INSULIN/ INSULIN, biosynthesis/ INSULIN, secretion/ KIDNEY, physiology/ METHODS/ MICE/ *PARATHYROID HORMONE/ PARATHYROID HORMONE, analysis/ PARATHYROID HORMONE, isolation & purification/ PARATHYROID HORMONE, physiology/ *PEPTIDES/ RATS/ REVIEW/ *THYROCALCITONIN/ THYROCALCITONIN, analysis/ THYROCALCITONIN, isolation & purification/ THYROCALCITONIN, physiology

272. **Behroozi K, Assael M, Ivriani I, et al:** Electrocortical reactions of pinealectomized and intact rats to lethal doses of pentobarbital.
Electroenceph Clin Neurophysiol 27:220, Aug 69
ANIMAL EXPERIMENTS/ ELECTROCARDIOGRAPHY/ *ELECTROENCEPHALOGRAPHY/ PENTOBARBITAL, pharmacodynamics/ *PINEAL BODY, physiology/ RATS/ TEMPORAL LOBE, drug effects/ TEMPORAL LOBE, physiology

273. **Beickert A, Schulze M:** Panmyelopathien bei disseminierten Tuberkulosen.
Z Ges Inn Med 24:262-9, 1 May 69 (Ger)
AGED/ *ANEMIA, APLASTIC, etiology/ ANTITUBERCULAR AGENTS, therapeutic use/ BASOPHILS/ BONE MARROW DISEASES, blood/ BONE MARROW DISEASES, diagnosis/ BONE MARROW DISEASES, drug therapy/ *BONE MARROW DISEASES, etiology/ ENGLISH ABSTRACT/ EOSINOPHILS/ ERYTHROCYTE COUNT/ HUMAN/ LEUKOCYTE COUNT/ MALE/ POLYCYTHEMIA VERA, diagnosis/ PREDNISONE, therapeutic use/ RETICULOCYTES/ TUBERCULOSIS, MILIARY, blood/ *TUBERCULOSIS, MILIARY, complications/ TUBERCULOSIS, MILIARY, diagnosis/ TUBERCULOSIS, MILIARY, drug therapy

274. **Beighton P, Horan F:** Orthopaedic aspects of the Ehlers-Danlos syndrome.
J Bone Joint Surg [Brit] 51:444-53, Aug 69
ADULT/ *BONE AND BONES, abnormalities/ DECUBITUS ULCER, etiology/ *EHLERS-DANLOS SYNDROME, complications/ EHLERS-DANLOS SYNDROME, radiography/ FEMALE/ FOOT, abnormalities/ HEMATOMA, SUBDURAL/ HUMAN/ JOINTS/ MALE/ MIDDLE AGE/ MUSCLE CRAMP, etiology/ OSTEOARTHRITIS, complications/ PREGNANCY/ PREGNANCY COMPLICATIONS/ RAYNAUD'S DISEASE, etiology/ SOMATOTYPES/ SPINE, abnormalities/ THORAX, abnormalities/ ULNA, abnormalities

275. **Beisner DH, Sumerling MD:** Orbitography. A report on twenty consecutive cases.
Amer J Ophthal 68:205-16, Aug 69
ADULT/ AGED/ CARCINOMA, EPIDERMOID, radiography/ CHILD/ CONTRAST MEDIA/ CYSTS, radiography/ DIPLOPIA/ EXOPHTHALMOS, radiography/ FEMALE/ HEMANGIOMA, radiography/ HEMANGIOMA, surgery/ HEMORRHAGE/ HUMAN/ INFANT/ LUNG NEOPLASMS/ LYMPHANGIOMA, radiography/ MALE/ MAXILLARY NEOPLASMS, radiography/ MIDDLE AGE/ NEOPLASM METASTASIS/ NEUROFIBROMATOSIS, radiography/ OCULOMOTOR PARALYSIS/ *ORBIT, radiography/ ORBITAL NEOPLASMS, radiography/ ORBITAL NEOPLASMS, surgery/ OSTEITIS DEFORMANS, radiography/ PAPILLEDEMA, radiography/ RHABDOMYOSARCOMA, radiography/ SARCOMA, OSTEOGENIC, radiography

276. **Beiciugăţeanu C, Stefănescu P, Vrabie E:** Probleme de interferenţă a factorilor psihici şi somatici în psihozele depresive de origine psihotraumatică.
Neurologia (Bucur) 14:167-74, Mar-Apr 69 (Rum)
ADULT/ *AFFECTIVE DISTURBANCES, complications/ AGED/ *ENDOCRINE

DISEASES, complications/ ENGLISH ABSTRACT/ FEMALE/ *GYNECOLOGIC DISEASES, complications/ HUMAN/ MALE/ MIDDLE AGE/ *PSYCHOSES, ALCOHOLIC, etiology/ *PSYCHOSES, MANIC-DEPRESSIVE, etiology/ *PSYCHOSES, TRAUMATIC, etiology

277. **Belham JE, Neal GE, Williams DC:** The reception of androgens in the rat ventral prostate.
Biochem J 114:32P, Sep 69
*ANDROGENS, metabolism/ ANIMAL EXPERIMENTS/ IN VITRO/ INJECTIONS, INTRAPERITONEAL/ *PROSTATE, metabolism/ RATS/ *RECEPTORS, DRUG/ TESTOSTERONE, metabolism/ TRITIUM

278. **Belham JE, Neal GE, Williams DC:** Testosterone metabolism in the rat ventral prostate.
Biochim Biophys Acta 187:159-62, 29 Jul 69
ANDROGENS, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ CELL NUCLEUS, metabolism/ CHROMATOGRAPHY, GAS/ CYTOPLASM, metabolism/ *17-HYDROXYCORTICOSTEROIDS, pharmacodynamics/ MALE/ *PREGNANES, pharmacodynamics/ PROSTATE, drug effects/ *PROSTATE, metabolism/ RATS/ *TESTOSTERONE, metabolism/ TRITIUM

279. **Bell PR, Battersby C:** Effect of vasopressin (Pitressin) on gastric mucosal blood flow measured by clearance of krypton. Surgery 66:510-4, Sep 69
ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ DOGS/ *GASTRIC MUCOSA, blood supply/ HEMOSTATICS, pharmacodynamics/ *INDICATOR DILUTION TECHNICS/ INJECTIONS, INTRAVENOUS/ *KRYPTON, diagnostic use/ METHODS/ PEPTIC ULCER HEMORRHAGE, drug therapy/ *REGIONAL BLOOD FLOW/ VASOPRESSIN, administration & dosage/ *VASOPRESSIN, pharmacodynamics

280. **Bellet S, Roman L, Kostis J:** The effect of automobile driving on catecholamine and adrenocortical excretion. Amer J Cardiol 24:365-8, Sep 69
ADRENAL CORTEX HORMONES, metabolism/ *ADRENAL CORTEX HORMONES, urine/ ADULT/ AGED/ *AUTOMOBILE DRIVING/ CATECHOLAMINES, metabolism/ *CATECHOLAMINES, urine/ CORONARY DISEASE, metabolism/ *CORONARY DISEASE, urine/ ELECTROCARDIOGRAPHY/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ STRESS, PSYCHOLOGIC, urine

281. **Belokrylov GA, Ostrovskii AD:** O vliianii adrenaléktomii, gormonov nadpochechnikov i AKTG na ustrichivost' razvivaiushchikhsia krys k stafilokokkovomu ékzotoksinu i éndotoksinu kishechnoĭ palochki.
Zh Mikrobiol 45:33-7, May 68 (Rus)
*ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *CORTICOTROPIN/ *ENDOTOXINS, toxicity/ ENGLISH ABSTRACT/ *EPINEPHRINE, physiology/ *ESCHERICHIA COLI INFECTIONS, metabolism/ *HYDROCORTISONE, physiology/ *PITUITARY-ADRENAL SYSTEM/ RATS/ *STAPHYLOCOCCAL INFECTIONS, metabolism/ *TOXINS, toxicity

282. **Belova TA, Shreĭnberg GL, Epshteĭn MI:** Densitometricheskoe opredelenie kortikosteroidov mochi na tonkom sloe silikagelia.
Lab Delo 7:426-30, 1968 (Rus)
*ADRENAL CORTEX HORMONES, urine/ CHROMATOGRAPHY, THIN LAYER/ *DENSITOMETRY/ GELS/ HUMAN/ METHODS/ PHOTOMETRY/ SILICA

283. **Benassi P:** Influenza dei turbamenti emotivi sullo sviluppo neuropsichico durante l'età evolutiva.
Riv Sper Freniat 91:1556-64, 31 Dec 67 (Ita)
*AFFECTIVE DISTURBANCES/ CHILD/ ELECTROENCEPHALOGRAPHY/ *EMOTIONS/ *GROWTH/ HUMAN/ MOTOR ACTIVITY/ NEUROLOGIC MANIFESTATIONS/ NEUROSES, etiology/ PSYCHOSES, etiology/ *PUBERTY

284. **Benda R, Fuchsova M, Hronovský V:** Course of air-borne infection cause by B virus (Herpesvirus simiae) II. Distribution of B virus in the organism of rabbits and histopathological changes in the organs.
J Hyg Epidem (Praha) 13:214-26, 1969
ADRENAL GLANDS, microbiology/ ADRENAL GLANDS, pathology/ AEROSOLS/ ANIMAL EXPERIMENTS/ BLOOD, microbiology/ CENTRAL NERVOUS SYSTEM, microbiology/ CENTRAL NERVOUS SYSTEM, pathology/ *HERPESVIRUS INFECTIONS, microbiology/ HERPESVIRUS INFECTIONS, pathology/ INJECTIONS, INTRADERMAL/ KIDNEY, microbiology/ LIVER, microbiology/ LIVER, pathology/ LUNG, microbiology/ LYMPH NODES, microbiology/ LYMPHADENITIS, microbiology/ MUCUS, microbiology/ MYOCARDIUM, microbiology/ NASAL MUCOSA, microbiology/ NECROSIS, microbiology/ PULMONARY FIBROSIS, microbiology/ RABBITS/ SALIVARY GLANDS, microbiology/ SPLEEN, microbiology/ TRACHEA, microbiology/ TRACHEITIS, microbiology

285. **Benedetti A, Dall'Olio G, Cattano G:** Modificazioni elettroencefalografiche nell'ipotiroidismo. Effetti del trattamento con L-triiodotironina e acido triiodotropropionico.
Riv Pat Nerv Ment 88:547-58, Dec 67 (Ita)
ADOLESCENCE/ ADULT/ *BRAIN, physiopathology/ ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPOTHYROIDISM, drug therapy/ *HYPOTHYROIDISM, physiopathology/ MALE/ MIDDLE AGE/ *PROPIONATES, therapeutic use/ *TRIIODOTHYRONINE, therapeutic use

286. **Benedict WF, Rosen WC, Brown CD, et al:** Chromosomal aberrations in an ovarian cystadenoma.
Lancet 2:640, 20 Sep 69
ANEUPLOIDY/ CELL TRANSFORMATION, NEOPLASTIC/ *CHROMOSOME ABERRATIONS/ *CYSTADENOMA, MUCINOUS, familial & genetic/ CYSTADENOMA, MUCINOUS, pathology/ FEMALE/ HUMAN/ *OVARIAN NEOPLASMS, familial & genetic/ OVARIAN NEOPLASMS, pathology

287. **Benetato A, Daneliuc E, Ciplea A, et al:** Recherches électrorétino-encéhalographiques sur la réactivité neurovégétative dans différentes maladies.
Rev Roum Physiol 6:126-51, 1969 (Fre)
ADULT/ AGED/ CIRCADIAN RHYTHM/ DIAGNOSIS, DIFFERENTIAL/ ELECTROENCEPHALOGRAPHY/ ELECTROMYOGRAPHY/ ELECTRORETINOGRAPHY/ EYE MANIFESTATIONS/ FEMALE/ HUMAN/ HYPERTENSION, complications/ LIGHT/ MALE/ MIDDLE AGE/ TETANY, complications/ *VISION DISORDERS, diagnosis

288. **Bengoa JM:** Nutrition activities of the World Health Organization. J Amer Diet Ass 55:228-32, Sep 69
ADULT/ ANEMIA, HYPOCHROMIC/ CHILD NUTRITION/ CHILD, PRESCHOOL/ *DEFICIENCY DISEASES/ DEFICIENCY DISEASES, etiology/ DEFICIENCY DISEASES, prevention & control/ DEFICIENCY DISEASES, therapy/ DIET THERAPY/ DIETARY PROTEINS/ FEMALE/ GOITER, ENDEMIC/ HUMAN/ INFANT/ INFANT, NEWBORN/ INFANT NUTRITION/ INFECTION, complications/ KWASHIORKOR/ MALE/ *NUTRITION/ NUTRITION, education/ NUTRITION SURVEYS/ NUTRITIONAL REQUIREMENTS/ PREGNANCY/ *PROTEIN DEFICIENCY/ PROTEIN DEFICIENCY, etiology/ PROTEIN DEFICIENCY, prevention & control/ PROTEIN DEFICIENCY, therapy/ RICKETS/ VITAMIN A DEFICIENCY/ *WORLD HEALTH ORGANIZATION

289. **Benirschke K:** Discussion paper: cytogenetic contributions to primatology.
Ann NY Acad Sci 162:217-24, 3 Jul 69
ANIMAL EXPERIMENTS/ BLOOD CELLS/

CHROMOSOME ABERRATIONS/ *CYTOGENETICS/ *EVOLUTION/ GERM CELLS/ HUMAN/ HYBRIDIZATION/ KARYOTYPING/ MEIOSIS/ MOSAICISM/ *POLYMORPHISM (GENETICS)/ *PRIMATES/ PRIMATES, classification/ SPECIES SPECIFICITY/ TESTIS, cytology

290. **Benkert O:** Measurement of hyperactivity in rats in a dose-response-curve after intrahypothalamic norepinephrine injection. Life Sci 8:943-8, 1 Sep 69
ANIMAL EXPERIMENTS/ *HYPOTHALAMUS, drug effects/ INJECTIONS/ *MOTOR ACTIVITY, drug effects/ *NOREPINEPHRINE, administration & dosage/ RATS/ SEROTONIN, pharmacodynamics/ STIMULATION, CHEMICAL

291. **Bental E, Sharf B, Sharf M, et al:** Electroencephalographic changes in anovulatory cycles.
Electroenceph Clin Neurophysiol 27:216, Aug 69
ADULT/ AMENORRHEA, drug therapy/ *AMENORRHEA, physiopathology/ CLOMIPHENE, therapeutic use/ *ELECTROENCEPHALOGRAPHY/ FEMALE/ HUMAN/ HYPERVENTILATION, physiopathology/ HYPOTHALAMUS, drug effects/ HYPOTHALAMUS, physiology/ LIGHT/ OVULATION/ OVULATION, drug effects/ PARIETAL LOBE, physiopathology/ PREGNANCY/ TEMPORAL LOBE, physiopathology/ WAKEFULNESS

292. **Bentley G, Goodfellow JW:** Disorganisation of the knees following intra-articular hydrocortisone injections. J Bone Joint Surg [Brit] 51:498-502, Aug 69
AGED/ CARTILAGE, ARTICULAR, drug effects/ FEMALE/ FEMUR, drug effects/ FRACTURES, chemically induced/ HUMAN/ *HYDROCORTISONE, adverse effects/ INJECTIONS, INTRA-ARTICULAR/ JOINT DISEASES, chemically induced/ *KNEE, pathology/ KNEE, radiography/ *KNEE JOINT, drug effects/ *OSTEOARTHRITIS, drug therapy/ OSTEOARTHRITIS, radiography/ PATELLA, drug effects/ TIBIA, drug effects

293. **Bentley PJ:** Neurohypophyseal hormones in amphibia: a comparison of their actions and storage.
Gen Comp Endocr 13:39-44, Aug 69
ADAPTATION, BIOLOGICAL/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ BLADDER, physiology/ COMPARATIVE STUDY/ EVOLUTION/ OXYTOCIN, pharmacodynamics/ *PEPTIDES, pharmacodynamics/ PERMEABILITY/ *PITUITARY HORMONES, POSTERIOR, pharmacodynamics/ SKIN ABSORPTION/ SODIUM, metabolism/ STIMULATION, CHEMICAL/ TOADS/ VASOTOCIN, pharmacodynamics/ WATER, metabolism/ WATER-ELECTROLYTE BALANCE

294. **Benuzzi-Badoni M, Felber JP:** Lipolytic activity of ACTH and its fragments on isolated fat cells of the rat: inhibition by different types of antisera.
Acta Endocr (Kobenhavn) 62:56-66, Sep 69
*ADIPOSE TISSUE, drug effects/ ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ *CORTICOTROPIN, antagonists & inhibitors/ *CORTICOTROPIN, pharmacodynamics/ FATTY ACIDS, NONESTERIFIED, analysis/ GLYCERIN, analysis/ GUINEA PIGS/ *IMMUNE SERUMS, pharmacodynamics/ IN VITRO/ *LIPIDS, metabolism/ RADIOIMMUNOASSAY/ RATS

295. **Benvenisti DS, Sherwood LM, Heinemann HO:** Hypercalcemic crisis in acute leukemia.
Amer J Med 46:976-84, Jun 69 (30 ref.)
ACUTE DISEASE/ ARABINOSE, administration & dosage/ BICARBONATES, urine/ BLOOD/ BLOOD UREA NITROGEN/ BONE MARROW EXAMINATION/ CALCIUM, blood/ CARBON DIOXIDE, blood/ CHLORIDES, blood/ CREATININE, urine/ CYTOSINE, administration & dosage/ DIET/ FEMALE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ *HYPERCALCEMIA, complications/ HYPERCALCEMIA, drug therapy/ INFUSIONS, PARENTERAL/ INJECTIONS, INTRAVENOUS/ KIDNEY, pathology/ *LEUKEMIA, complications/ LEUKEMIA, drug therapy/ *LEUKEMIA, LYMPHOCYTIC, complications/ LEUKOCYTE COUNT/ LUNG, pathology/ MIDDLE AGE/ PARATHYROID HORMONE, analysis/ PHOSPHORUS, blood/ PHOSPHORUS, urine/ POTASSIUM, urine/ REVIEW/ *SARCOMA, RETICULUM CELL, complications/ SODIUM, urine/ SULFATES, therapeutic use/ URINE/ WATER-ELECTROLYTE BALANCE

296. **Benzinger TH:** Clinical temperature. New physiological basis. JAMA 209:1200-6, 25 Aug 69
ANIMAL EXPERIMENTS/ BODY TEMPERATURE/ *BODY TEMPERATURE REGULATION/ CALORIMETRY/ CAROTID ARTERIES/ COLD/ EXERTION/ FEVER, etiology/ HEAT/ HUMAN/ HYPOTHALAMUS, drug effects/ *HYPOTHALAMUS, physiology/ NEURONS, physiology/ PYROGENS, pharmacodynamics/ RABBITS/ RECTUM/ REST/ SKIN, physiology/ SWEATING/ TEMPERATURE/ *TYMPANIC MEMBRANE

297. **Berchtold JP:** Effets de l'hypophysectomie sur la structure fine des cellules interrénales de l'Urodèle Triturus cristatus.
C R Acad Sci [D] (Paris) 268:2262-4, 5 May 69 (Fre)
*ADRENAL GLANDS, cytology/ ANIMAL EXPERIMENTS/ CYTOPLASM/ ENDOPLASMIC RETICULUM/ FEMALE/ HYPOPHYSECTOMY/ LIPIDS/ MALE/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ *PITUITARY GLAND, physiology/ *SALAMANDERS

298. **Berchtold P, Bolli P, Keiser G:** Mauriac-Syndrom und diabetische Enteropathie.
Praxis 58:1108-15, 2 Sep 69 (Ger)
ADOLESCENCE/ BODY HEIGHT/ BODY WEIGHT/ CACHEXIA, etiology/ CELIAC DISEASE, etiology/ CHILD/ CHILD, PRESCHOOL/ *DIABETES MELLITUS, JUVENILE, complications/ DIARRHEA, etiology/ *DWARFISM, complications/ ENGLISH ABSTRACT/ *HEPATOMEGALY, complications/ HUMAN/ *INTESTINAL DISEASES, etiology/ INTESTINAL DISEASES, pathology/ INTESTINAL DISEASES, radiography/ JEJUNUM, pathology/ MALE

299. **Bercovici JP, Mauvais-Jarvis P:** Exploration de la fonction surrénalienne à l'aide d'une ACTH-retard synthétique. Praxis 58:1124-6, 9 Sep 69 (Fre)
*ADRENAL GLANDS, physiology/ *CORTICOTROPIN, diagnostic use/ HUMAN/ HYDROCORTISONE, blood/ 17-HYDROXYCORTICOSTEROIDS, urine/ TIME FACTORS

300. **Berczi I, Somogyi A:** Biochemical studies on the anticalcinotic effect of sodium salicylate.
Canad J Physiol Pharmacol 47:597-601, Jul 69
ACETATES/ ANAPHYLAXIS/ ANIMAL EXPERIMENTS/ *CALCINOSIS, prevention & control/ DEPRESSION, CHEMICAL/ *EDEMA/ EXUDATES AND TRANSUDATES/ FEMALE/ HINDLIMB/ HYPERCALCEMIA, prevention & control/ *LEAD/ LEAD, blood/ OVALBUMIN/ PHOSPHORUS, blood/ RATS/ *SODIUM SALICYLATE, therapeutic use/ TIME FACTORS

301. **Berek L:** A method for osseal radiomicrometric measurements in mice experiments.
Experientia 25:633-4, 15 Jun 69
ANIMAL EXPERIMENTS/ ATROPHY/ BIOMETRY/ *BONE AND BONES, pathology/ FEMUR/ *HOMOLOGOUS WASTING DISEASE, radiography/ LYMPHOCYTES/ METHODS/ MICE/ *MICRORADIOGRAPHY/ THYMECTOMY

302. **Berezhnitskiĭ MN:** Sopostavlenie élektricheskikh i mekhanicheskikh protsessov v miokarde i fazovyĭ analiz sistoly levoto zheludochka u bol'nykh éndemicheskim zobom.
Probl Endokr (Moskva) 14:52-6, Jul-Aug 68 (Rus)

ELECTROCARDIOGRAPHY/ FEMALE/ *GOITER, physiopathology/ GOITER, ENDEMIC/ *HEART, physiopathology/ HEART VENTRICLE/ HUMAN/ MALE/ PHONOCARDIOGRAPHY

303. **Berg S:** Der Beweiswert der Todeszeitbestimmung (Uberlebenszeit)
Beitr Gerichtl Med 25:61-5, 1969 (Ger)
ANIMAL EXPERIMENTS/ *DEATH/ ENGLISH ABSTRACT/ EXPERT TESTIMONY/ *FORENSIC MEDICINE/ GASTROINTESTINAL MOTILITY/ GUINEA PIGS/ HISTOCYTOCHEMISTRY/ HUMAN/ SEROTONIN, analysis/ SKIN, analysis/ SKIN, enzymology/ SKIN, injuries/ STOMACH, physiology/ WOUNDS AND INJURIES, enzymology/ WOUNDS AND INJURIES, metabolism

304. **Berg S, Ditt J, Friedrich D, et al:** Möglichkeiten der biochemischen Wundaltersbestimmung.
Deutsch Z Ges Gerichtl Med 63:183-98, 1968 (Ger)
ANIMAL EXPERIMENTS/ CADAVER/ ENGLISH ABSTRACT/ FLUOROMETRY/ FORENSIC MEDICINE/ GUINEA PIGS/ *HISTAMINE, analysis/ HISTOCYTOCHEMISTRY/ HUMAN/ *SEROTONIN, analysis/ SKIN, analysis/ *SKIN, injuries/ TIME FACTORS/ *WOUNDS AND INJURIES, pathology

305. **Bergadá C, Farias NE, Romero de Behar BM, et al:** Abnormal sex chromatin pattern in cryptorchidism, girls with short stature and other endocrine patients.
Helv Paediat Acta 24:372-7, Aug 69
ADOLESCENCE/ ADRENOGENITAL SYNDROME, familial & genetic/ ARGENTINA/ CHILD/ *CHROMOSOME ABNORMALITIES, occurrence/ *CRYPTORCHISM, familial & genetic/ FEMALE/ *GROWTH/ GROWTH DISORDERS, familial & genetic/ HERMAPHRODITISM, familial & genetic/ HUMAN/ KLINEFELTER'S SYNDROME, familial & genetic/ MALE/ MENTAL RETARDATION, familial & genetic/ MOUTH MUCOSA, cytology/ *SEX CHROMATIN, analysis/ TURNER'S SYNDROME, familial & genetic

306. **Bergaust B, Abrahamsen AM:** Relapsing polychondritis. Report of a case presenting multiple ocular complications.
Acta Ophthal (Kobenhavn) 47:174-81, 1969
ADULT/ *CARTILAGE DISEASES, complications/ *EYE DISEASES, complications/ HUMAN/ IRITIS, complications/ KERATITIS, complications/ MALE/ PHENYLBUTAZONE, therapeutic use/ POLYCHONDRITIS, RELAPSING, complications/ POLYCHONDRITIS, RELAPSING, drug therapy/ PREDNISOLONE, therapeutic use/ RETINITIS, complications/ UVEITIS, complications

307. **Berge BS ten:** Veränderungen in den Blutgefässen in Ovarien und Uterus nach Anwendung progestativer Stoffe. Arch Gynaek 207:52-3, 1969 (Ger)
ARTERIES, pathology/ CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ HUMAN/ *OVARY, blood supply/ *PROGESTATIONAL HORMONES, pharmacodynamics/ SCLEROSIS/ *UTERUS, blood supply

308. **Bergfelt G, Engström H, Hedberg K, et al:** Carcinoma of the thyroid gland. An account of 116 operated cases.
Acta Chir Scand 135:127-32, 1969
*ADENOCARCINOMA, diagnosis/ ADENOCARCINOMA, mortality/ ADENOMA, diagnosis/ ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ BIOPSY/ *CARCINOMA, PAPILLARY, diagnosis/ CARCINOMA, PAPILLARY, mortality/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ FOLLOW-UP STUDIES/ GOITER, diagnosis/ HUMAN/ HYPERTHYROIDISM, diagnosis/ LYMPH NODE EXCISION/ MALE/ MIDDLE AGE/ POSTOPERATIVE CARE/ SEX FACTORS/ SWEDEN/ THYROID NEOPLASMS, classification/ *THYROID NEOPLASMS, diagnosis/ THYROID NEOPLASMS, mortality/ THYROID NEOPLASMS, radiotherapy/ THYROID NEOPLASMS, surgery/ THYROIDECTOMY

309. **Berggren L, Wessler E, Wennerström J:** Intraocular pressure and excretion of mucopolysaccharides in osteogenesis imperfecta.
Acta Ophthal (Kobenhavn) 47:122-8, 1969
ADOLESCENCE/ ADULT/ FEMALE/ HUMAN/ *INTRAOCULAR PRESSURE/ MALE/ *MUCOPOLYSACCHARIDES, urine/ *OSTEOGENESIS IMPERFECTA, physiopathology/ OSTEOGENESIS IMPERFECTA, urine

310. **Bergher de Bacalao E, Rivero A:** Carcinoma endometroide del ovario.
Rev Obstet Ginec Venez 28:375-87, 1968 (Spa)
*ADENOCARCINOMA, diagnosis/ ADULT/ *ENDOMETRIOSIS, diagnosis/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MIDDLE AGE/ *OVARIAN NEOPLASMS, diagnosis

311. **Bergland R:** The arterial supply of the human optic chiasm. J Neurosurg 31:327-34, Sep 69
*ARTERIES/ CIRCLE OF WILLIS, pathology/ HUMAN/ OPTIC CHIASM, anatomy & histology/ *OPTIC CHIASM, blood supply/ OPTIC CHIASM, pathology/ PITUITARY NEOPLASMS, pathology

312. **Bergland RM, Torack RM:** An electron microscopic study of the human infundibulum.
Z Zellforsch 99:1-12, 1969
AXONS, cytology/ BIOPSY/ BLOOD VESSELS, cytology/ BREAST NEOPLASMS, surgery/ CYTOPLASM/ FEMALE/ HISTOLOGICAL TECHNICS/ HUMAN/ HYPOPHYSECTOMY/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, cytology/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ NERVE ENDINGS, cytology/ NEUROSECRETION/ PITUITARY GLAND, blood supply/ *PITUITARY GLAND, cytology

313. **Bergmans J:** Prolonged posttetanic hyperpolarization induced in single nerve fibres by long lasting repetitive stimulation.
Arch Int Physiol 77:321-3, May 69
ELECTRIC STIMULATION/ HUMAN/ MEMBRANE POTENTIALS/ NERVE FIBERS, physiology/ *NEURONS, physiology/ TETANY/ TIME FACTORS

314. **Bergner H, Münchow H, Wirthgen B:** Beziehungen zwischen Eiweissernährung, Schilddrüsensekretionsrate und einigen Enzymaktivitätswerten.
Acta Biol Med German 21:683-6, 1968 (Ger)
ALANINE AMINOTRANSFERASE, analysis/ *AMINOTRANSFERASES, analysis/ ANIMAL EXPERIMENTS/ ARGINASE, analysis/ ASPARTATE AMINOTRANSFERASE, analysis/ *DIETARY PROTEINS, pharmacodynamics/ LEUCINE AMINOPEPTIDASE, analysis/ SECRETORY RATE, drug effects/ SWINE/ *THYROID GLAND, metabolism

315. **Bergonzi F, Ceffs F:** Teratoma cistico dell'ovaio in una bambina di 2 anni.
Minerva Pediat 21:335-9, 25 Feb 69 (Ita)
CHILD, PRESCHOOL/ DERMOID CYST, classification/ DERMOID CYST, etiology/ *DERMOID CYST, pathology/ DERMOID CYST, surgery/ FEMALE/ HUMAN/ *OVARIAN NEOPLASMS, pathology/ OVARIAN NEOPLASMS, surgery

316. **Bergström I:** Norrländskt sjukdomspanorama.
Lakartidningen 66:2521-7, 11 Jun 69 (Swe)
ADOLESCENCE/ ADULT/ AGED/ AGRANULOCYTOSIS, occurrence/ ANEMIA, HYPOCHROMIC, occurrence/ ANEMIA, MACROCYTIC, occurrence/ ANEMIA, PERNICIOUS, occurrence/ CARDIOVASCULAR DISEASES, occurrence/ COMMUNICABLE DISEASES, occurrence/ DIABETES MELLITUS, occurrence/ FEMALE/ GOITER, occurrence/

HEREDITARY DISEASES, occurrence/ HUMAN/ MALE/ METHEMOGLOBINEMIA, occurrence/ MIDDLE AGE/ *MORBIDITY/ MUSCULAR DISEASES, occurrence/ NEOPLASMS, occurrence/ NERVOUS SYSTEM DISEASES, occurrence/ PELGER-HUET ANOMALY, occurrence/ PORPHYRIA, occurrence/ SOCIAL CONDITIONS/ SWEDEN

317. **Berle P:** Der Gehalt an chorialem Gonadotropin im Fruchtwasser während normaler und pathologischer Schwangerschaft.
Acta Endocr (Kobenhavn) 61:369-77, Jun 69 **(Ger)**
*AMNIOTIC FLUID, analysis/ DIABETES MELLITUS, physiopathology/ ERYTHROBLASTOSIS, FETAL, physiopathology/ FEMALE/ GESTATIONAL AGE/ *GONADOTROPINS, CHORIONIC, analysis/ GONADOTROPINS, CHORIONIC, blood/ HUMAN/ MATERNAL-FETAL EXCHANGE/ PREGNANCY/ *PREGNANCY COMPLICATIONS, physiopathology/ UMBILICAL ARTERIES/ UMBILICAL VEINS

318. **Berlin JD:** Intranuclear inclusions in leydig cells of human testes. BNWL-714.
US AEC Battelle Northwest 7.18-7+, May 68
ADULT/ AGED/ *AGING/ CELL NUCLEUS, drug effects/ *CYTOPLASMIC GRANULES/ *GONADOTROPINS, CHORIONIC, pharmacodynamics/ HUMAN/ MALE/ *TESTIS, cytology/ TESTIS, drug effects

319. **Bernard C, Gros D, Raymond G, et al:** Effects non spécifiques de l'alléthrine sur les perméabilités ioniques du myocarde embryonnaire de rat.
C R Soc Biol (Paris) 162:1998-2003, May 69 **(Fre)**
ACTION POTENTIALS/ ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ *CELL MEMBRANE PERMEABILITY, drug effects/ *FETAL HEART, drug effects/ HEART ATRIUM, drug effects/ HEART VENTRICLE, drug effects/ *INSECTICIDES, pharmacodynamics/ PREGNANCY/ RATS/ SODIUM, metabolism/ TIME FACTORS

320. **Bernard-Weil E:** Traitement complémentaire endocrinien des tumeurs cérébrales.
Acta Radiol [Ther] (Stockholm) 8:126-33, Feb-Apr 69 **(Fre)**
ADULT/ BRAIN EDEMA, physiopathology/ *BRAIN EDEMA, prevention & control/ BRAIN NEOPLASMS, drug therapy/ BRAIN NEOPLASMS, physiopathology/ *BRAIN NEOPLASMS, radiotherapy/ GLIOBLASTOMA MULTIFORME, physiopathology/ *GLIOBLASTOMA MULTIFORME, radiotherapy/ *GLUCOCORTICOIDS, therapeutic use/ HUMAN/ MIDDLE AGE/ *VASOPRESSIN, therapeutic use

321. **Berneis KH, Da Prada M, Pletscher A:** Micelle formation between 5-hydroxytryptamine and adenosine triphosphate in platelet storage organelles.
Science 165:913-4, 29 Aug 69
*ADENOSINE TRIPHOSPHATE/ ANIMAL EXPERIMENTS/ *BLOOD PLATELETS/ BLOOD PRESERVATION/ *COLLOIDS/ MOLECULAR WEIGHT/ ORGANOIDS/ RABBITS/ *SEROTONIN/ SOLUTIONS/ ULTRACENTRIFUGATION

322. **Bernhart FW, Savini S, Tomarelli RM:** Calcium and phosphorus requirements for maximal growth and mineralization of the rat. J Nutr 98:443-8, Aug 69
ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ *CALCIFICATION, PHYSIOLOGIC, drug effects/ *CALCIUM, pharmacodynamics/ *DIET/ FEMUR, analysis/ FEMUR, drug effects/ *GROWTH, drug effects/ MALE/ *PHOSPHORUS, pharmacodynamics/ RATS

323. **Bernstein RS, Wilchek M, Edelhoch H:** Structural studies on polypeptide hormones. II. Polarization of fluorescence. J Biol Chem 244:4398-405, 25 Aug 69
CHEMISTRY/ CORTICOTROPIN/ ELECTROCHEMISTRY/ FLUORESCENCE/ FLUOROMETRY/ GASTRIN/ GLUCAGON/ GLYCERIN/ *HORMONES/ INDOLES/ PARATHYROID HORMONE/ *PEPTIDES/ TEMPERATURE/ TIME FACTORS/ TRYPTOPHAN

324. **Bernstein SI:** Hyperkeratosis penetrans (Kyrle's disease). Derm Int 7:178-81, Oct-Dec 68
*CHEEK/ FEMALE/ FLURANDRENOLONE, administration & dosage/ HUMAN/ KERATOSIS FOLLICULARIS, pathology/ *KERATOSIS FOLLICULARIS, therapy/ MIDDLE AGE/ RADIOTHERAPY/ SALICYLIC ACID, administration & dosage

325. **Bershtein LM:** Ob unifikatsii vyrazhsenila rezul'tatov opredelenila steroidnykh gormonov v moche.
Lab Delo 6:375-7, 1969 **(Rus)**
ADULT/ CARCINOMA, EPIDERMOID, urine/ CHILD/ CHILD, PRESCHOOL/ *CREATININE, urine/ HUMAN/ *17-KETOSTEROIDS, urine/ LUNG NEOPLASMS, urine/ MALE/ METHODS/ MIDDLE AGE

326. **Bertaggia A, Cadrobbi P:** Considerazioni su 4 casi di acrodermatite acuta infantile (malattia di Crosti Gianotti) Pediatria (Napoli) 75:960-76, 31 Dec 67 **(Ita)**
*ACRODERMATITIS/ ACRODERMATITIS, drug therapy/ ACUTE DISEASE/ ANTIBIOTICS, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ CORTISONE, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ *HEPATITIS, complications/ HUMAN/ INFANT/ LIVER FUNCTION TESTS/ MALE

327. **Berthelay S, Duvernoy J, Menigot M, et al:** Effets biologiques d'un facteur anti-gonadotrope urinaire.
J Physiol (Paris) 60:Suppl 2:401, 1968 **(Fre)**
ANIMAL EXPERIMENTS/ CASTRATION/ ESTRUS, drug effects/ FEMALE/ FSH, antagonists & inhibitors/ FSH, secretion/ *GONADOTROPINS, antagonists & inhibitors/ HYPERTROPHY/ LH, secretion/ ORGAN WEIGHT/ OVARY, anatomy & histology/ *OVARY, drug effects/ RATS/ UTERUS, anatomy & histology/ *UTERUS, drug effects/ *VAGINA, drug effects/ VAGINAL SMEARS

328. **Bertini F, Russo J, Piezzi RS:** The effect of hypophysectomy on the histology and acid phosphatase distribution in the testes of Leptodactylus chaquensis.
Acta Physiol Lat Amer 19:22-9, 1969
*ACID PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ *HYPOPHYSECTOMY/ MALE/ *TESTIS, cytology/ *TOADS

329. **Bertoin P:** Les extractions dentaires et les traitements physiothérapiques des cancers oro-pharyngo-laryngés.
J Franc Otorhinolaryng 16:283-4, Apr 67 **(Fre)**
*BONE AND BONES, radiation effects/ ENGLISH ABSTRACT/ HUMAN/ *LARYNGEAL NEOPLASMS, radiotherapy/ *MOUTH NEOPLASMS, radiotherapy/ OSTEORADIONECROSIS, etiology/ *PHARYNGEAL NEOPLASMS, radiotherapy/ *RADIATION INJURY, etiology/ *RADIOTHERAPY, adverse effects/ *TOOTH EXTRACTION

330. **Bertolini M, Canger R, Pietropolli-Charmet G:** [On the anticonvulsant properties of oxazepam. Experimental study on the cat.
Arzneimitteiforschung 19:742-8, May 69
ACTION POTENTIALS, drug effects/ *AMYGDALOID BODY, drug effects/ ANIMAL EXPERIMENTS/ *ANTICONVULSANTS, pharmacodynamics/ CATS/ CEREBRAL CORTEX, drug effects/ DEPRESSION, CHEMICAL/ ELECTRIC STIMULATION/ ELECTROENCEPHALOGRAPHY/ *OXAZEPAM, pharmacodynamics/ *RETICULAR FORMATION, drug effects/ STRYCHNINE, antagonists & inhibitors

331. **Besse G, Juchault P, Legrand JJ:** Etude expérimentale du déterminisme des caractères sexuels externes chez les Porcellio dilatatus Brdt intersexués (Crustacé Isopode terrestre)
C R Soc Biol (Paris) 162:2196-200, 1968 **(Fre)**
ANIMAL EXPERIMENTS/ CASTRATION/

*CRUSTACEA/ FEMALE/ GENETICS, POPULATION/ *HERMAPHRODITISM/ MALE/ NERVOUS SYSTEM/ OVARY, physiology/ *SEX CHARACTERISTICS

332. **Besson MJ, Cheramy A, Feltz P, et al:** Release of newly synthesized dopamine from dopamine-containing terminals in the striatum of the rat.
Proc Nat Acad Sci USA 62:741-8, Mar 69
ACETYLCHOLINE, pharmacodynamics/ AMPHETAMINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BRAIN, metabolism/ BRAIN CHEMISTRY/ CAUDATE NUCLEUS, metabolism/ CHROMATOGRAPHY, ION EXCHANGE/ DOPAMINE, biosynthesis/ *DOPAMINE, metabolism/ IN VITRO/ MALE/ METHODS/ PHENIPRAZINE, pharmacodynamics/ RATS/ SEROTONIN, pharmacodynamics/ TRITIUM/ TYROSINE, metabolism

333. **Bethge H, Bayer JM, Winkelmann W:** Diagnosis of Cushing's syndrome. The differentiation between adrenocortical hyperplasia and adrenocrotical adenoma by means of lysine-vasopressin.
Acta Endocr (Kobenhavn) 60:47-59, Jan 69
ADENOMA, diagnosis/ ADOLESCENCE/ *ADRENAL GLAND NEOPLASMS, diagnosis/ ADULT/ CIRCADIAN RHYTHM/ CORTICOTROPIN, diagnostic use/ *CUSHING'S SYNDROME, diagnosis/ DEXAMETHASONE, diagnostic use/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ HYDROCORTISONE, metabolism/ HYDROCORTISONE, secretion/ 17-HYDROXYCORTICOSTEROIDS, urine/ HYPERPLASIA, diagnosis/ HYPOGLYCEMIA/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM/ MALE/ METYRAPONE, diagnostic use/ MIDDLE AGE/ PITUITARY-ADRENAL FUNCTION TESTS/ PITUITARY-ADRENAL SYSTEM, drug effects/ SECRETORY RATE/ *VASOPRESSIN, diagnostic use

334. **Bettelheim H:** Auge und Arteriosklerose.
Wien Klin Wschr 81:461-4, 20 Jun 69 (Ger)
ADRENAL CORTEX HORMONES, therapeutic use/ *ARTERIOSCLEROSIS, diagnosis/ ARTERIOSCLEROSIS, physiopathology/ CEREBRAL ARTERIOSCLEROSIS, diagnosis/ CEREBRAL ARTERIOSCLEROSIS, drug therapy/ DIAGNOSIS, DIFFERENTIAL/ *EYE MANIFESTATIONS/ FUNDUS OCULI/ HEMODYNAMICS/ HUMAN/ HYPERTENSION, complications/ OPHTHALMOSCOPY/ RETINA/ RETINAL VESSELS, physiopathology/ VASODILATOR AGENTS, therapeutic use

335. **Bettendorf G:** Endokrinologische Forschung.
Arch Gynaek 207:383-9, 1969 (Ger)
ADRENOGENITAL SYNDROME, drug therapy/ AMNIOTIC FLUID, analysis/ ANIMAL EXPERIMENTS/ BILE, analysis/ CHLORMADINONE, pharmacodynamics/ CLIMACTERIC/ *CLOMIPHENE, pharmacodynamics/ DEHYDROEPIANDROSTERONE, metabolism/ FEMALE/ GLUCOSE, metabolism/ *GONADOTROPINS/ GONADOTROPINS, CHORIONIC, analysis/ GONADS, drug effects/ GUINEA PIGS/ HIRSUTISM, diagnosis/ HUMAN/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ *HYPOTHALAMUS, secretion/ INSULIN, blood/ INTESTINES, analysis/ LIVER, analysis/ LIVER FUNCTION TESTS/ MALATE DEHYDROGENASE, analysis/ MALE/ MELATONIN, pharmacodynamics/ METHODS/ OVULATION, drug effects/ PLACENTA, analysis/ PREGNANCY/ PREGNANEDIOL, urine/ PROGESTERONE, pharmacodynamics/ PROLACTIN, blood/ RATS/ *STEROIDS/ STEROIDS, biosynthesis/ TESTOSTERONE, analysis/ UTERUS, enzymology/ VIRILISM, diagnosis

336. **Better OS, Garty J, Brautbar N, et al:** Diminished functional parathyroid reserve following I-131 treatment for hyperthyroidism.
Israel J Med Sci 5:419-22, May-Jun 69
ADULT/ AGED/ CALCIUM, blood/ HUMAN/ HYPERTHYROIDISM, drug therapy/ *HYPOPARATHYROIDISM, chemically induced/ *IODINE ISOTOPES, adverse effects/ IODINE ISOTOPES, pharmacodynamics/ IODINE ISOTOPES, therapeutic use/ MIDDLE AGE/ PHOSPHATES, pharmacodynamics/ PHOSPHORUS, blood

337. **Beyer C, Cruz ML, Rivaud N:** Persistence of sexual behavior in ovariectomized-adrenalectomized rabbits treated with cortisol. Endocrinology 85:790-3, Oct 69
*ADRENAL CORTEX HORMONES, physiology/ ADRENAL GLANDS, physiology/ *ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *CASTRATION/ FEMALE/ *HYDROCORTISONE, pharmacodynamics/ OVARY/ RABBITS/ *SEX BEHAVIOR, ANIMAL, drug effects

338. **Bezdrobnyĭ IuV:** Biosintez AKTG i STG in vitro v gipofizakh krys posle blokady predizolonom, immobilizatsii i goloda.
Probl Endokr (Moskva) 15:74-7, Mar-Apr 69 (Rus)
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ *CORTICOTROPIN, biosynthesis/ ENGLISH ABSTRACT/ *IMMOBILIZATION/ PITUITARY GLAND, physiology/ *PREDNISOLONE, pharmacodynamics/ RATS/ *SOMATOTROPIN, biosynthesis/ *STARVATION, complications/ SULFUR ISOTOPES

339. **Beznak M, Korecky B, Thomas G:** Regression of cardiac hypertrophies of various origin.
Canad J Physiol Pharmacol 47:579-86, Jul 69
ANEMIA, HYPOCHROMIC, complications/ ANIMAL EXPERIMENTS/ AORTIC COARCTATION, complications/ BLOOD PRESSURE/ DESOXYCORTICOSTERONE/ DNA, biosynthesis/ *HEART, anatomy & histology/ HEART, growth & development/ HYPERTENSION, physiopathology/ HYPERTHYROIDISM, chemically induced/ HYPERTHYROIDISM, complications/ HYPERTROPHY/ KIDNEY, physiology/ MALE/ MUSCLE PROTEINS, biosynthesis/ *MYOCARDIAL DISEASES, SECONDARY/ *MYOCARDIUM, metabolism/ NEPHRECTOMY/ ORGAN WEIGHT/ RATS/ RNA, biosynthesis/ SODIUM CHLORIDE/ THYROXINE/ TIME FACTORS

340. **Bhargava HN:** Hypothalamo-hypophyseal system in the minnow, Phoxinus phoxinus L. with a note on the effects of hypophysectomy.
J Comp Neurol 137:89-105, Sep 69
ANIMAL EXPERIMENTS/ AXONS/ FISHES/ HYPOPHYSECTOMY/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, anatomy & histology/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, growth & development/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ LYSINE, pharmacodynamics/ OPTIC NERVE, growth & development/ OXYTOCIN, pharmacodynamics/ PITUITARY GLAND, physiology/ STAINS AND STAINING/ THALAMUS, growth & development/ VASOPRESSIN, pharmacodynamics

341. **Bhargava M, Agarwal KN, Kumar S:** Sites of red cell destruction in the anaemia of experimental burns.
Brit J Haemat 17:179-85, Aug 69
*ANEMIA, HEMOLYTIC, etiology/ ANEMIA, HEMOLYTIC, surgery/ ANIMAL EXPERIMENTS/ *BURNS, complications/ CHROMIUM ISOTOPES/ *ERYTHROCYTES, physiopathology/ FEMALE/ HEMOGLOBINOMETRY/ HEMOLYSIS, drug effects/ LIVER, physiopathology/ MALE/ PREDNISOLONE, pharmacodynamics/ RATS/ SPLEEN, physiopathology/ SPLENECTOMY

342. **Bhargava VL, Beischer NA, Brown JB, et al:** Hormonal activity of "non-functional" ovarian tumours.
Aust New Zeal J Obstet Gynaec 9:108-15, May 69
*ADENOCARCINOMA, metabolism/ ADENOCARCINOMA, surgery/ AGED/ *CYSTADENOMA, MUCINOUS, metabolism/ CYSTADENOMA, MUCINOUS, surgery/ *ESTROGENS, urine/ FEMALE/ HUMAN/

MENOPAUSE/ MIDDLE AGE/ *OVARIAN NEOPLASMS, metabolism/ OVARIAN NEOPLASMS, surgery/ *PREGNANEDIOL, urine/ VAGINAL SMEARS

343. **Bhasin NR**: Repeatability of oestrous cycle length in hariana cattle. Indian Vet J 46:502-6, Jun 69
ANIMAL EXPERIMENTS/ *CATTLE, physiology/ *ESTRUS, physiology/ FEMALE

344. **Bhatia SK, Hadden DR, Montgomery DA**: Hand volume and skin thickness in a normal population and in acromegaly.
Acta Endocr (Kobenhavn) 61:385-92, Jul 69
*ACROMEGALY, physiopathology/ ADULT/ AGE FACTORS/ AGED/ FEMALE/ HAND, anatomy & histology/ HUMAN/ MALE/ MIDDLE AGE/ SEX FACTORS/ *SKIN, anatomy & histology

345. **Biaglow JE, Lavik PS, Ferencz N Jr**: Modification of radiation response through glucose-controlled respiration. Radiat Res 39:623-33, Sep 69
ANIMAL EXPERIMENTS/ *CLONE CELLS, radiation effects/ *GLUCOSE, pharmacodynamics/ HAMSTERS/ OVARY, radiation effects/ *OXYGEN CONSUMPTION, drug effects/ *RADIATION EFFECTS/ *RADIATION-SENSITIZING AGENTS, pharmacodynamics/ TISSUE CULTURE

346. **Bianchi CP**: Pharmacology of excitation-contraction coupling in muscle. Introduction: statement of the problem. Fed Proc 28:1624-7, Sep-Oct 69
ANIMAL EXPERIMENTS/ BINDING SITES/ *CALCIUM, metabolism/ CELL MEMBRANE PERMEABILITY/ FROGS/ GUINEA PIGS/ MODELS, BIOLOGIC/ *MUSCLE CONTRACTION, drug effects/ *MUSCLE PROTEINS, metabolism/ MYOCARDIUM, metabolism/ MYOFIBRILS

347. **Bieda J, Knychalska-Karwan Z**: Próba określenia typu bliźniactwa na podstawie badania jamy ustnej trojaczków. Czas Stomat 22:643-8, Jul 69 (Pol)
ADOLESCENCE/ CHILD/ DENTAL ARCH, anatomy & histology/ DENTAL OCCLUSION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ *MOUTH, anatomy & histology/ PALATE, anatomy & histology/ PREGNANCY/ *PREGNANCY, MULTIPLE/ *SEX DETERMINATION/ TOOTH, anatomy & histology/ TOOTH ERUPTION/ *TRIPLETS

348. **Biel K**: Oznacznie dni płdności i niepłodności u kobiety na podstawie zespołu objawów owulacyjnych i podstawowej ciepłoty ciała.
Folia Med Cracov 11:17-36, 1969 (Pol)
ADULT/ *BODY TEMPERATURE/ ENGLISH ABSTRACT/ FEMALE/ *FERTILITY/ HUMAN/ MENSTRUATION/ *OVULATION

349. **Bielicki F, Zagrobelny Z**: Czy można operować niewyrównane wole nadczynne?
Pol Tyg Lek 24:595-8, 21 Apr 69 (Pol)
BENPERIDOL, therapeutic use/ ENGLISH ABSTRACT/ FENTANYL, therapeutic use/ *GOITER, EXOPHTHALMIC, surgery/ HUMAN/ PREOPERATIVE CARE

350. **Biemond A**: Wernicke's encephalopathy and Korsakow's syndrome.
Psychiat Clin (Basel) 2:146-66, 1969
CEREBELLUM, pathology/ COGNITION DISORDERS, complications/ FANTASY/ FEMALE/ HUMAN/ HYPOTHALAMUS, pathology/ KORSAKOFF'S SYNDROME, diagnosis/ *KORSAKOFF'S SYNDROME, etiology/ MIDDLE AGE/ ORIENTATION/ *VITAMIN B DEFICIENCY, complications/ VITAMIN B DEFICIENCY, diagnosis/ WERNICKE'S ENCEPHALOPATHY, complications

351. **Biezenski JJ**: Role of placenta in fetal lipid metabolism. I. Injection of phospholipids double labeled with C14-glycerol and P32 into pregnant rabbits.
Amer J Obstet Gynec 104:1177-89, 15 Aug 69
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ FEMALE/ FETUS/ GLYCEROPHOSPHATES, metabolism/ KIDNEY, blood supply/ LIVER, blood supply/ LIVER, metabolism/ LUNG, blood supply/ *MATERNAL-FETAL EXCHANGE/ PHOSPHOLIPIDS, biosynthesis/ PHOSPHOLIPIDS, blood/ *PHOSPHOLIPIDS, metabolism/ PHOSPHORUS ISOTOPES/ *PLACENTA, metabolism/ PREGNANCY/ RABBITS/ RADIOACTIVITY/ RATS/ SPLEEN, blood supply/ UMBILICAL VEINS

352. **Biglieri EG, Shambelan M, Slaton PE Jr**: Effect of adrenocorticotropin on desoxycorticosterone, corticosterone and aldosterone excretion.
J Clin Endocr 29:1090-101, Aug 69
ADENOMA, urine/ ADRENAL CORTEX HORMONES, urine/ ADRENAL GLAND NEOPLASMS, urine/ ADRENAL GLANDS, physiology/ ADULT/ ALDOSTERONE, biosynthesis/ *ALDOSTERONE, urine/ CLINICAL RESEARCH/ *CORTICOSTERONE, urine/ *CORTICOTROPIN, pharmacodynamics/ DEPRESSION, CHEMICAL/ *DESOXYCORTICOSTERONE, urine/ HUMAN/ HYPERTENSION, urine/ MALE/ MIDDLE AGE/ MINERALOCORTICOIDS, physiology/ POTASSIUM, urine/ RENIN, blood/ SODIUM, urine

353. **Biguet A**: La corticothérapie locale en implantologie.
Rev Odontoimplant 24:46-7, Apr 69 (Fre)
ADRENAL CORTEX HORMONES, administration & dosage/ DENTAL IMPLANTATION/ OINTMENTS/ SPECIAL LIST DENTAL

354. **Billing RJ, Barbiroli B, Smellie RM**: Changes in the patterns of synthesis of ribonucleic acid species in immature rat uterus in response to oestrdiol-17 beta.
Biochem J 112:563-9, May 69
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHROMATOGRAPHY/ *DIETHYLSTILBESTROL, pharmacodynamics/ DNA, metabolism/ *ESTRADIOL, pharmacodynamics/ FEMALE/ HYDROGEN-ION CONCENTRATION/ METHODS/ NUCLEOSIDES, metabolism/ ORGAN WEIGHT/ PROTEINS, metabolism/ RATS/ RIBOSE, metabolism/ RIBOSOMES, metabolism/ *RNA, biosynthesis/ *RNA, SOLUBLE, biosynthesis/ SERUM ALBUMIN, BOVINE/ SILICA/ SPECTROPHOTOMETRY/ STIMULATION, CHEMICAL/ TEMPERATURE/ TIME FACTORS/ TRITIUM/ URIDINE, metabolism/ UTERUS, anatomy & histology/ UTERUS, drug effects/ *UTERUS, metabolism

355. **Billing RJ, Barbiroli B, Smellie RM**: The effect of oestradiol-17beta on the rate of synthesis of ribonucleic acid in rat uterus.
Biochem J 114:37P-38P, Sep 69
ANIMAL EXPERIMENTS/ *ESTRADIOL, pharmacodynamics/ FEMALE/ NUCLEOSIDES, metabolism/ *RNA, biosynthesis/ TIME FACTORS/ TRITIUM/ UTERUS, drug effects/ *UTERUS, metabolism

356. **Billingham ME, Robinson BV, Robson JM**: Partial purification of the anti-inflammatory factor(s) in inflammatory exudate.
Brit J Pharmacol 35:543-57, Mar 69
AMMONIUM COMPOUNDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ANTI-INFLAMMATORY AGENTS, analysis/ BIOLOGICAL ASSAY/ CARRAGEENAN/ CHROMATOGRAPHY, ION EXCHANGE/ *EXUDATES AND TRANSUDATES, analysis/ GEL FILTRATION/ GLUCOCORTICOIDS, analysis/ MALE/ RATS/ TEMPERATURE

357. **Bilyea DL, Hagan E, Elliott CW**: Aneurysm of splenic artery, second commonest abdominal aneurysm: case report. J Amer Osteopath Ass 68:1141-3, Jul 69
ADULT/ *ANEURYSM, surgery/ CASE REPORT/ CONTRACEPTIVES, ORAL/ DIURETICS/ FEMALE/ HUMAN/ SPLENECTOMY/ *SPLENIC ARTERY, surgery

358. **Binazzi M, Calandra P, Frillici S, et al**: Psoriasi, diabete e sulfaniluree. G Ital Derm 109:319-30, Sep-Oct 68 (Ita)

*ANTIDIABETICS, therapeutic use/ *DIABETES MELLITUS, complications/ *DIABETIC DIET/ ENGLISH ABSTRACT/ HUMAN/ *METHOTREXATE, therapeutic use/ *PSORIASIS, complications/ TRIAMCINOLONE, therapeutic use

359. **Bindon BM**: Mechanism of the inhibition of implantation in suckling mice.
J Endocr 44:357-62, Jul 69
ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ CAPILLARY PERMEABILITY/ FEMALE/ HYPOPHYSECTOMY/ *LACTATION/ MICE/ *NIDATION/ PARITY/ PREGNANCY, ANIMAL/ TIME FACTORS/ UTERUS, blood supply

360. **Bindon BM**: Follicle-stimulating hormone content of the pituitary gland before implantation in the mouse and rat. J Endocr 44:349-56, Jul 69
ANIMAL EXPERIMENTS/ ESTRUS/ FEMALE/ *FSH, analysis/ FSH, secretion/ MICE/ *NIDATION/ ORGAN WEIGHT/ OVARY/ *PITUITARY GLAND, analysis/ PREGNANCY/ PREGNANCY, ANIMAL/ RATS/ SPECIES SPECIFICITY/ TIME FACTORS

361. **Binnion PF**: Control of body salt and water.
Practitioner 203:375-82, Sep 69
ANIMAL EXPERIMENTS/ HUMAN/ JUXTAGLOMERULAR APPARATUS, physiology/ KIDNEY CONCENTRATING ABILITY/ KIDNEY TUBULES, physiology/ SODIUM, metabolism/ VASOPRESSIN, physiology/ *WATER-ELECTROLYTE BALANCE

362. **Binoux M, Donnadieu M, Combourieu M, et al**: Effet de la lysine-8-vasopressine chez l'homme sur la concentration plasmatique des hormones corticotrope et somatotrope.
J Physiol (Paris) 60:Suppl 2:403, 1968 **(Fre)**
*CORTICOTROPIN, blood/ CORTICOTROPIN, secretion/ HUMAN/ HYDROCORTISONE, blood/ INJECTIONS, INTRAMUSCULAR/ *LYSINE, pharmacodynamics/ PITUITARY NEOPLASMS, metabolism/ *SOMATOTROPIN, blood/ *VASOPRESSIN, pharmacodynamics

363. **Birchall K, Halkerston ID**: Effect of antihistamines on ribonucleic acid synthesis in the uterus of the ovariectomized rat. Endocrinology 85:773-8, Oct 69
ACETATES, metabolism/ ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ *ANTIHISTAMINICS, pharmacodynamics/ CASTRATION/ DEPRESSION, CHEMICAL/ *DIPHENHYDRAMINE, pharmacodynamics/ FEMALE/ *HISTAMINE, physiology/ IN VITRO/ INTESTINE, SMALL, metabolism/ PHENYLALANINE, metabolism/ PROTEINS, biosynthesis/ RATS/ *RNA, biosynthesis/ TRITIUM/ URIDINE, metabolism/ UTERUS, drug effects/ *UTERUS, metabolism

364. **Birolini D, Martins LC, Tullio J, et al**: Microcirculação: sua participação no choque.
Rev Ass Med Brasil 13:305-12, Sep 67 (50 ref.) **(Por)**
ANIMAL EXPERIMENTS/ *BLOOD CIRCULATION/ DOGS/ HUMAN/ MICROCHEMISTRY/ REVIEW/ *SHOCK, physiopathology/ STEROIDS, pharmacodynamics/ SYMPATHOMIMETICS, pharmacodynamics/ VASOCONSTRICTOR AGENTS, pharmacodynamics

365. **Biron P, Boileau JC**: Fate of vasopressin and oxytocin in the pulmonary circulation.
Canad J Physiol Pharmacol 47:713-7, Aug 69
ANIMAL EXPERIMENTS/ AORTA, drug effects/ BLOOD PRESSURE, drug effects/ CATS/ DOGS/ JUGULAR VEIN, drug effects/ MUSCLE CONTRACTION, drug effects/ NEUROHUMORS, metabolism/ OXYTOCIN, analysis/ *OXYTOCIN, metabolism/ OXYTOCIN, pharmacodynamics/ *PULMONARY CIRCULATION/ RABBITS/ RATS/ SPECIES SPECIFICITY/ UTERUS, drug effects/ VASOPRESSIN, analysis/ *VASOPRESSIN, metabolism/ VASOPRESSIN, pharmacodynamics

366. **Biseas NM**: Delta-5-3-beta-hydroxysteroid dehydrogenase in toad testis: synergistic action of ascorbic acid and luteinizing hormone.
Endocrinology 85:981-3, Nov 69
ANIMAL EXPERIMENTS/ *ASCORBIC ACID, pharmacodynamics/ ASCORBIC ACID, physiology/ DRUG SYNERGISM/ HISTOCYTOCHEMISTRY/ *HYDROXYSTEROID DEHYDROGENASE, metabolism/ *LEYDIG CELLS, enzymology/ *LH, pharmacodynamics/ LH, physiology/ MALE/ STIMULATION, CHEMICAL/ TESTIS, drug effects/ *TESTIS, enzymology/ TOADS

367. **Bishop PM**: Bishop PM: Breasts of inappropriate size.
Practitioner 203:171-6, Aug 69
ADOLESCENCE/ ADULT/ *BREAST, anatomy & histology/ BREAST, growth & development/ BREAST, surgery/ CHILD/ DIETHYLSTILBESTROL, therapeutic use/ ENDOCRINE DISEASES, complications/ ESTROGENS, physiology/ FEMALE/ HUMAN/ HYPERPLASIA/ INFANT

368. **Bittner K, Sarazzin O, Maciejewski J**: Obustronna kamica dróg moczowych u 14-miesięcznego chłopca.
Pol Tyg Lek 24:1009-10, 30 Jun 69 **(Pol)**
ENGLISH ABSTRACT/ HUMAN/ INFANT, NEWBORN/ *KIDNEY CALCULI, etiology/ MALE/ NEPHROCALCINOSIS, etiology/ PHOSPHATES, metabolism/ *RICKETS, complications

369. **Björklund A, Falck B, Nobin A**: Failure of neonatally administered reserpine to affect the hypothalamic catecholamines in the adult rat.
Endocrinology 85:788-90, Oct 69
AGE FACTORS/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ DOPAMINE, analysis/ *DOPAMINE, metabolism/ FEMALE/ FLUORESCENCE/ HISTOCYTOCHEMISTRY/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, drug effects/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, metabolism/ MALE/ NOREPINEPHRINE, analysis/ *NOREPINEPHRINE, metabolism/ *RESERPINE, pharmacodynamics

370. **Björntorp P, Karlsson M, Hovden A**: Quantitative aspects of lipolysis and reesterification in human adipose tissue in vitro.
Acta Med Scand 185:89-97, Jan-Feb 69
*ADIPOSE TISSUE, physiology/ AGE FACTORS/ BASAL METABOLISM/ BUFFERS/ CATECHOLAMINES, pharmacodynamics/ CHROMATOGRAPHY, THIN LAYER/ CORTICOTROPIN, pharmacodynamics/ DEXAMETHASONE, pharmacodynamics/ *FATTY ACIDS, NONESTERIFIED, metabolism/ GLUCAGON, pharmacodynamics/ GLUCOSE, pharmacodynamics/ *GLYCERIN, metabolism/ HUMAN/ IN VITRO/ INSULIN, pharmacodynamics/ METHODS/ PREOPERATIVE CARE/ SEX FACTORS/ ULTRACENTRIFUGATION/ URANIUM

371. **Black WC 3d**: Correlative light and electron microscopy in primary hyperparathyroidism.
Arch Path (Chicago) 88:225-41, Sep 69
*ADENOMA, pathology/ GOLGI APPARATUS/ HUMAN/ *HYPERPARATHYROIDISM, pathology/ HYPERPLASIA, pathology/ LIPIDS/ MICROSCOPY/ MICROSCOPY, ELECTRON/ *PARATHYROID GLANDS, pathology/ *PARATHYROID NEOPLASMS, pathology

372. **Blahos J**: Rôle des hormones dans le métabolisme du magnésium.
Sem Hop Paris 45:1895-900, 8 Jun 69 (71 ref.) **(Fre)**
ADDISON'S DISEASE, physiopathology/ ANIMAL EXPERIMENTS/ GLUCOCORTICOIDS, physiology/ *HORMONES, physiology/ HUMAN/ HYPERALDOSTERONISM, physiopathology/ HYPERPARATHYROIDISM, physiopathology/ HYPERTHYROIDISM, physiopathology/ HYPOPARATHYROIDISM, physiopathology/ INSULIN, physiology/ INTESTINAL ABSORPTION/ MAGNESIUM, blood/ *MAGNESIUM, metabolism/ MAGNESIUM, urine/ PARATHYROID HORMONE, physiology/

RATS/ REVIEW/ SOMATOTROPIN, physiology/ THYROCALCITONIN/ VASOPRESSIN, physiology/ VITAMIN D, physiology

373. **Blahoš J, Blahošová A, Reisenauer R:** Vztahy mezi parathormonem, kalcitoniem, tyroxinem a kostním metabolismen. Cas Lek Cesk 108:1118-21, Sep 69 (Cze)
ANIMAL EXPERIMENTS/ *BONE AND BONES, metabolism/ ENGLISH ABSTRACT/ FEMALE/ HYPOPARATHYROIDISM, chemically induced/ *PARATHYROID HORMONE, pharmacodynamics/ RATS/ *THYROCALCITONIN, pharmacodynamics/ *THYROXINE, pharmacodynamics

374. **Bläser S, Boguth W:** Uber die Schilddrüsenfunktion der Ratte nach Verfüttern einer Tocopherol- und Ubichinon-Mangeldiät. 3. Morphologische Normalisierung der Schilddrüse durch Tocopherole, Chinone und verwandte Substanzen.
Int Z Vitaminforsch 39:163-7, 1969 (Ger)
ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ *DIET/ ENGLISH ABSTRACT/ LACTONES, pharmacodynamics/ QUINONES, pharmacodynamics/ RATS/ THYROID GLAND, drug effects/ *THYROID GLAND, physiopathology/ *UBIQUINONE, pharmacodynamics/ *VITAMIN E/ VITAMIN E, pharmacodynamics/ *VITAMIN E DEFICIENCY, physiopathology

375. **Blaim A, Golczyk-Wojnar A:** Badania czynności bioelektrycznej mózgu u dzieci z wrodzoną niedoczynnością traczycy.
Neurol Neurochir Pol 3:439-44, Jul-Aug 69 (Pol)
ADOLESCENCE/ BRAIN, physiopathology/ CHILD/ CHILD, PRESCHOOL/ *ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPOTHYROIDISM, congenital/ *HYPOTHYROIDISM, physiopathology/ INFANT/ MALE

376. **Blake NM, Kirk RL, Mehra B:** Placental alkaline phosphatase types in Malaysia.
Hum Hered 19:20-4, 1969
*ALKALINE PHOSPHATASE/ ELECTROPHORESIS/ ETHNIC GROUPS/ FEMALE/ GENE FREQUENCY/ HUMAN/ *ISOENZYMES/ MALAYSIA/ PHENOTYPE/ *PLACENTA, enzymology/ POLYMORPHISM (GENETICS)/ PREGNANCY

377. **Blake NM, Kirk RL, Fliegner JR:** Placentl alkaline phosphatase types in Papuans and Fijians.
Med J Aust 2:342-4, 16 Aug 69
*ALKALINE PHOSPHATASE, analysis/ ALLELES/ ELECTROPHORESIS/ GELS/ *GENE FREQUENCY/ HUMAN/ MELANESIA/ *NEGROID RACE/ NEW GUINEA/ PHENOTYPE/ *PLACENTA, analysis/ PLACENTAL EXTRACTS, analysis/ STARCH

378. **Bland JH, Soule AB, VanBuskirk FW, et al:** A study of inter- and intra-observer error in reading plain roentgenograms of the hands. "To err is human".
Amer J Roentgen 105:853-9, Apr 69
ADULT/ ARTHRITIS, RHEUMATOID, radiography/ COMPARATIVE STUDY/ FEMALE/ *HAND, radiography/ HUMAN/ MALE/ MIDDLE AGE/ OSTEOARTHRITIS, radiography/ OSTEOPOROSIS, radiography/ *TECHNOLOGY, RADIOLOGIC

379. **Bland JH, Soule AB, Van Buskirk FW, et al:** A study of inter- and intra-observer error in reading plain roentgenograms of the hands.
Amer J Roentgen 105:853-9, Apr 69
ADULT/ ARTHRITIS, RHEUMATOID, radiography/ COMPARATIVE STUDY/ FEMALE/ *HAND, radiography/ HUMAN/ MALE/ MIDDLE AGE/ OSTEOARTHRITIS, radiography/ OSTEOPOROSIS, radiography/ *TECHNOLOGY, RADIOLOGIC

380. **Blank B, Zuccarello WA, Cohen SR, et al:** Synthesis and antialdosterone activity of substituted 2,3,3-triphenylpropylamines.
J Med Chem 12:873-6, Sep 69
ADRENAL CORTEX HORMONES, biosynthesis/ ADRENAL CORTEX HORMONES, blood/ ADRENAL GLANDS, physiology/ *ALDOSTERONE, biosynthesis/ ANIMAL EXPERIMENTS/ CHEMISTRY/ CORTICOSTERONE, blood/ DESOXYCORTICOSTERONE, blood/ IN VITRO/ NATRIURESIS, drug effects/ NITRILES, analysis/ PROPYLAMINES, analysis/ *PROPYLAMINES, chem synthesis/ PROPYLAMINES, pharmacodynamics/ RATS/ SODIUM, urine

381. **Blank CE, Lorber J:** A patient with 45,XX,Gminus-46,XX,Gr mosaicism.
J Med Genet 6:220-3, Jun 69
*AUTOSOME ABNORMALITIES/ BLOOD GROUPS/ CASE REPORT/ CHROMOSOME ABERRATIONS/ *CHROMOSOMES, HUMAN, 21-22/ DERMATOGLYPHICS/ FEMALE/ HEART DEFECTS, CONGENITAL/ HUMAN/ INFANT/ KARYOTYPING/ MENTAL RETARDATION/ *MOSAICISM/ SEX CHROMATIN

382. **Bleehen SS:** Systemic sarcoidosis with scalp involvement. Proc Roy Soc Med 62:348-9, Apr 69
ALOPECIA, complications/ FEMALE/ FLUOCINOLONE ACETONIDE, therapeutic use/ HUMAN/ MIDDLE AGE/ *SARCOIDOSIS, complications/ *SCALP/ SCALP, pathology/ *SKIN MANIFESTATIONS/ SPLENOMEGALY, complications

383. **Blenk H:** Quantitative Untersuchungen an Gliazellen im Corpus callosum wachsender Katzen nach Perfusions- und Immersionsfixierung.
Z Anat Entwicklungsgesch 128:222-34, 1969 (Ger)
ANIMAL EXPERIMENTS/ *CATS, anatomy & histology/ CELL NUCLEUS/ *CORPUS CALLOSUM, cytology/ ENGLISH ABSTRACT/ FEMALE/ FORMALDEHYDE/ *HISTOLOGICAL TECHNICS/ KARYOMETRY/ MALE/ METHODS/ *NEUROGLIA, cytology/ PERFUSION/ SEX CHROMATIN

384. **Bligh J, Cottle WH:** The influence of ambient temperature on thermoregulatory responses to intraventricularly injected monoamines in sheep, goats and rabbits. Experientia 25:608-9, 15 Jun 69
ANIMAL EXPERIMENTS/ *BODY TEMPERATURE REGULATION, drug effects/ CEREBRAL VENTRICLES/ CONSTRICTION/ DILATATION/ EAR, blood supply/ *GOATS, physiology/ MODELS, NEUROLOGIC/ *NOREPINEPHRINE, pharmacodynamics/ PHYSIOLOGY, COMPARATIVE/ *RABBITS, physiology/ RESPIRATION/ *SEROTONIN, pharmacodynamics/ *SHEEP, physiology/ SHIVERING, drug effects/ *TEMPERATURE

385. **Bligh J, Maskrey M:** A possible role of acetylcholine in the central control of body temperature in sheep.
J Physiol (London) 203:55P-57P, Jul 69
*ACETYLCHOLINE, physiology/ ANIMAL EXPERIMENTS/ *BODY TEMPERATURE REGULATION/ CARBACHOL, pharmacodynamics/ CENTRAL NERVOUS SYSTEM, physiology/ CEREBRAL VENTRICLES/ NEURAL TRANSMISSION/ PHYSOSTIGMINE, pharmacodynamics/ SEROTONIN, physiology/ SHEEP

386. **Blinov VA:** Zavisimost' metastazirovaniia opukholeĭ ot razlichnykh doz gidrokortizona i vremeni ego vvedeniia. Vrach Delo 12:37-9, Dec 67 (Rus)
ANIMAL EXPERIMENTS/ *CARCINOMA, BROWN-PEARCE, metabolism/ ENGLISH ABSTRACT/ *HYDROCORTISONE, administration & dosage/ *NEOPLASM METASTASIS, metabolism/ RABBITS/ TIME FACTORS

387. **Bliss EL, Ailion J:** Response of neurogenic amines to aggregation and strangers.
J Pharmacol Exp Ther 168:258-63, Aug 69
ADRENAL GLANDS, analysis/ ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ *BRAIN, metabolism/ *BRAIN CHEMISTRY/ *CATECHOLAMINES, analysis/

*CATECHOLAMINES, metabolism/ *CROWDING/ DOPAMINE, analysis/ DOPAMINE, metabolism/ ELECTRIC STIMULATION/ FEMALE/ HYDROXYINDOLEACETIC ACID, analysis/ MALE/ METHYLTYROSINES, pharmacodynamics/ MICE/ MYOCARDIUM, metabolism/ NOREPINEPHRINE, analysis/ NOREPINEPHRINE, metabolism/ RATS/ SEROTONIN, analysis/ SEROTONIN, metabolism/ SPLEEN, analysis/ SPLEEN, metabolism/ *STRESS, PSYCHOLOGIC

388. **Blombäck B, Zetterqvist E:** Incorporation of 131-I into dog fibrinopeptides.
Acta Chem Scand 23:1137-44, 1969
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY/ CHROMATOGRAPHY, THIN LAYER/ DOGS/ ELECTROPHORESIS/ ELECTROPHORESIS, DISK/ *FIBRINOGEN/ GEL FILTRATION/ INDICATORS AND REAGENTS/ *IODINE/ IODINE ISOTOPES/ *PEPTIDES/ PROTEIN HYDROLYSATES, analysis/ PROTEINS, analysis/ SPECTROPHOTOMETRY/ ULTRAVIOLET RAYS

389. **Bloom MH, Bryan RS:** Benign osteoblastoma of the spine. Case report. Clin Orthop 65:157-62, Jul-Aug 69
ADOLESCENCE/ BONE CYST, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ FIBROUS DYSPLASIA OF BONE, diagnosis/ GIANT CELL TUMORS, diagnosis/ HUMAN/ HYPERPARATHYROIDISM, diagnosis/ *LUMBAR VERTEBRAE, radiography/ MALE/ OSTEOMA, OSTEOID, diagnosis/ *OSTEOMA, OSTEOID, pathology/ OSTEOMA, OSTEOID, surgery/ POSTOPERATIVE COMPLICATIONS/ SARCOMA, OSTEOGENIC, diagnosis/ *SPINAL NEOPLASMS, pathology/ SPINAL NEOPLASMS, surgery/ SPONDYLOLISTHESIS

390. **Blum E:** Les formes anatomo-cliniques de la maladie de l'uretère droit. Le syndrome de compression de l'uretère droit par une veine ovarienne au trajet aberrant ou par des brides fibreuses et fibro-vasculaires.
Ann Chir 21:1057-63, Aug-Sep 67 (Fre)
ADHESIONS/ ADOLESCENCE/ ADULT/ BLOOD VESSELS, abnormalities/ FEMALE/ HUMAN/ MIDDLE AGE/ OVARY, blood supply/ *URETERAL DISEASES/ URETERAL OBSTRUCTION

391. **Blum JE:** Experimentelle Untersuchungen mit dem neuen Appetithemmer N-(2-Chlorpropyl)-1-methyl-2-phenyl-äthylamin-hydrochlorid (Ro 4-5282)
Arzneimittelforschung 19:748-55, May 69 (Ger)
AMPHETAMINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *APPETITE, drug effects/ APPETITE DEPRESSANTS, administration & dosage/ *APPETITE DEPRESSANTS, pharmacodynamics/ APPETITE DEPRESSANTS, toxicity/ *BLOOD PRESSURE, drug effects/ *BODY WEIGHT, drug effects/ CARBOHYDRATES, metabolism/ CHLORPHENTERMINE, pharmacodynamics/ COMPARATIVE STUDY/ DEPRESSION, CHEMICAL/ *DIURESIS, drug effects/ DOGS/ ELECTRIC STIMULATION/ ENGLISH ABSTRACT/ FATS, metabolism/ FEMALE/ GLYCERIDES, metabolism/ HEART RATE, drug effects/ HUNGER, drug effects/ *HYPOTHALAMUS, drug effects/ MALE/ MICE/ MOTOR ACTIVITY, drug effects/ PHENETHYLAMINES, administration & dosage/ *PHENETHYLAMINES, pharmacodynamics/ PHENETHYLAMINES, toxicity/ PHENMETRAZINE, pharmacodynamics/ RABBITS/ RATS

392. **Blumenthal MN, Brody TM:** Studies on the mechanism of drug-induced bronchiolar relaxation in the guinea pig. J Allerg 44:63-9, Aug 69
ACETATES, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BRONCHI/ CORTICOTROPIN, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ GLUCAGON, pharmacodynamics/ GLUCOSE, pharmacodynamics/ GUINEA PIGS/ ISOPROTERENOL, pharmacodynamics/ *MUSCLE RELAXANTS/ MUSCLE RELAXANTS, antagonists & inhibitors/ *MUSCLE, SMOOTH, drug effects/ NITRITES, pharmacodynamics/ PRONETHALOL, pharmacodynamics/ SODIUM, pharmacodynamics/ THEOPHYLLINE, pharmacodynamics

393. **Boczkowski K:** Kariotyp 47,XYY stwierdzony u eunuchoidalnej kobiety.
Ginek Pol 40:703-9, Jun 69 (Pol)
ADULT/ DERMATOGLYPHICS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ KARYOTYPING/ *SEX CHROMOSOME ABNORMALITIES/ *SEX DIFFERENTIATION DISORDERS

394. **Boczkowski K:** Klasyfikacja przypadków interseksualizmu. Ginek Pol 40:938-46, Aug 69 (Pol)
ENGLISH ABSTRACT/ FEMALE/ GONADS, pathology/ *HERMAPHRODITISM, classification/ HUMAN/ KARYOTYPING/ MALE/ PHENOTYPE

395. **Boczkowski K:** Badania kliniczne i genetyczne w zespole feminizujących jąder.
Ginek Pol 40:549-57, May 69 (Pol)
CYTOGENETICS/ ENGLISH ABSTRACT/ HERMAPHRODITISM, diagnosis/ HUMAN/ KARYOTYPING/ MALE/ *SEX DIFFERENTIATION DISORDERS, familial & genetic/ TESTICULAR FEMINIZATION, familial & genetic

396. **Bodosi M, Boros G, Horváth A:** Pseudotumor der Augenhöhle im Rahmen inkompletter Wegenerscher Granulomatose.
Neurochirurgia (Stuttgart) 12:144-55, Jul 69 (Ger)
AGED/ ALBUMINURIA, etiology/ ENGLISH ABSTRACT/ EXOPHTHALMOS, etiology/ FEMALE/ HEMATURIA, etiology/ HUMAN/ KIDNEY, pathology/ KIDNEY FAILURE, ACUTE, etiology/ LUNG DISEASES, etiology/ *ORBIT/ ORBIT, pathology/ SINUSITIS, etiology/ *WEGENER'S GRANULOMATOSIS, complications/ WEGENER'S GRANULOMATOSIS, pathology/ WEGENER'S GRANULOMATOSIS, surgery

397. **Bogacheva ID, Selochnik LI:** Biologicheskaia standartizatsiia somatotropnogo gormona po tibial'nomu testu na gipofizektomirovannykh nelineĭnykh krysakh.
Probl Endokr (Moskva) 13:102-6, May-Jun 67 (Rus)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ FEMALE/ HYPOPHYSECTOMY/ RATS/ *SOMATOTROPIN, analysis/ TIBIA

398. **Bogdanovich NK, Gannushkina IV, Shafranova VP:** O reaktsii gipotalamo-gipofizarnoĭ neĭrosekretornoĭ sistemy (GGNS) sobak s éksperimental'nym aterosklerozom na vvedenie im adrenalina.
Arkh Pat 30:8-14, 1968 (Rus)
ANIMAL EXPERIMENTS/ ARTERIOSCLEROSIS, pathology/ *ARTERIOSCLEROSIS, physiopathology/ BLOOD PRESSURE, drug effects/ DOGS/ *EPINEPHRINE, pharmacodynamics/ HISTOCYTOCHEMISTRY/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, drug effects/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiopathology/ HYPOTHALAMUS, drug effects/ HYPOTHALAMUS, pathology/ HYPOTHALAMUS, physiology/ METHODS/ NEURONS, pathology/ *NEUROSECRETION, drug effects/ THYROID GLAND, physiology

399. **Böhlau V:** Erkrankungen der Schleimhäute des Respirationstraktes und ihre Beziehungen zur Allergie. Med Welt 26:1477-80, 28 Jun 69 (Ger)
ADRENAL CORTEX HORMONES, therapeutic use/ AEROSOLS/ AGED/ ANTIBIOTICS, therapeutic use/ ASTHMA, diagnosis/ ASTHMA, drug therapy/ ASTHMA, etiology/ *ASTHMA, therapy/ BRONCHITIS, diagnosis/ BRONCHITIS, drug therapy/ BRONCHITIS,

etiology/ *BRONCHITIS, therapy/ CHRONIC DISEASE/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ *HYPERSENSITIVITY, complications/ METHODS/ MIDDLE AGE/ PHYSICAL THERAPY/ RESPIRATORY FUNCTION TESTS

400. **Bohus B, Wied D de:** Facilitatory and inhibitory influences on the pituitary-adrenal system: a study with chlorpromazine.
Rass Neurol Veg 21:71-83, 30 Apr 67
ANIMAL EXPERIMENTS/ *CHLORPROMAZINE, pharmacodynamics/ CORTICOTROPIN, secretion/ CORTICOTROPIN RELEASING FACTOR/ *PITUITARY-ADRENAL SYSTEM, drug effects/ RATS

401. **Boĭko VA:** Soderzhanie serotonina v krobi zdorovykh detei. Pediatriia 48:84, Jan 69 **(Rus)**
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ *SEROTONIN, blood

402. **Boilly-Marer Y:** Sur le déterminisme des caractères sexuels secondaires chez Nereis pelagica L. (Annélide Polychète)
C R Acad Sci [D] (Paris) 268:2462-4, 19 May 69 **(Fre)**
ANIMAL EXPERIMENTS/ *ANNELIDA/ FEMALE/ MALE/ *SEX CHARACTERISTICS/ *SEX DETERMINATION/ TRANSPLANTATION, HOMOLOGOUS

403. **Boissier JR, Simon P, Guernet M, et al:** Variations des monoamines provoquées par la p-chloro N-methylamphétamine dans différentes parties du cerveau de rat.
C R Acad Sci [D] (Paris) 268:2298-300, 5 May 69 **(Fre)**
*AMPHETAMINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BRAIN, drug effects/ *BRAIN, metabolism/ BRAIN STEM, drug effects/ BRAIN STEM, metabolism/ *CATECHOLAMINES, metabolism/ CAUDATE NUCLEUS, drug effects/ CAUDATE NUCLEUS, metabolism/ CEREBRAL CORTEX, drug effects/ CEREBRAL CORTEX, metabolism/ DOPAMINE, metabolism/ HIPPOCAMPUS, drug effects/ HIPPOCAMPUS, metabolism/ HYPOTHALAMUS, drug effects/ HYPOTHALAMUS, metabolism/ MALE/ NOREPINEPHRINE, metabolism/ RATS/ SEROTONIN, metabolism/ THALAMUS, drug effects/ THALAMUS, metabolism

404. **Bolcskei P, Bopp KP:** Kaliummangelprophylaxe bei der Langzeittherapie mit Kortikosteroiden.
Med Welt 20:1177-80, 17 May 69 **(Ger)**
ASPARTIC ACID, therapeutic use/ *GLUCOCORTICOIDS, adverse effects/ HUMAN/ HYPOKALEMIA, chemically induced/ *HYPOKALEMIA, prevention & control/ MAGNESIUM, therapeutic use/ POTASSIUM, therapeutic use

405. **Boldyrev AA, Lebedev AV, Ritov VB:** Ob adenozintrifosfataznoĭ aktivnosti i pogloshchenii Ca2+ fragmentami sarkoplazmaticheskogo retikuluma. Biokhimiia 34:119-24, Jan-Feb 69 **(Rus)**
*ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, drug effects/ *CALCIUM, metabolism/ *CYTOPLASM, metabolism/ DIPEPTIDES, pharmacodynamics/ ENGLISH ABSTRACT/ HISTIDINE, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ IMIDAZOLES, pharmacodynamics/ MAGNESIUM/ METHODS/ MUSCLE CONTRACTION/ *MUSCLES, metabolism/ POTASSIUM/ RABBITS/ STIMULATION, CHEMICAL/ TROMETHAMINE, pharmacodynamics

406. **Bolla A, Scolari R:** La trachéotomie dans la pratique hospitalière.
Ann Otolaryng (Paris) 86:407-8, Jun 69 **(Fre)**
BRACHIAL ARTERY, injuries/ HUMAN/ THYROID GLAND, injuries/ *TRACHEOTOMY/ TRACHEOTOMY, adverse effects

407. **Bollag W:** Richtlinien zur Therapie einiger neoplastischer Erkrankungen mit Zytostatika.
Praxis 58:703-7, 3 Jun 69 **(Ger)**
ALKYLATING AGENTS, therapeutic use/ *ANTINEOPLASTIC AGENTS, therapeutic use/ BREAST NEOPLASMS, drug therapy/ BRONCHIAL NEOPLASMS, drug therapy/ GASTROINTESTINAL NEOPLASMS, drug therapy/ HUMAN/ LEUKEMIA, LYMPHOCYTIC, drug therapy/ LEUKEMIA, MYELOCYTIC, drug therapy/ LYMPHOMA, drug therapy/ MULTIPLE MYELOMA, drug therapy/ *NEOPLASMS, drug therapy/ PREDNISONE, therapeutic use/ VINBLASTINE, therapeutic use/ VINCRISTINE, therapeutic use

408. **Bolté E, Gattereau D, Joly M, et al:** Perfusion of human term placenta in situ with C-19 and C-18 steroids.
Acta Endocr (Kobenhavn) 61:307-19, Jun 69
CARBON ISOTOPES/ CHROMATOGRAPHY/ *DEHYDROEPIANDROSTERONE, metabolism/ *ESTRADIOL, metabolism/ FEMALE/ HUMAN/ PERFUSION/ PLACENTA, analysis/ *PLACENTA, metabolism/ PREGNANCY/ *TESTOSTERONE, metabolism

409. **Bomash NIu, Raskin AM:** Immunomorfologicheskie sopostavleniia pri toksicheskom zobe.
Probl Endokr (Moskva) 15:7-12, May-Jun 69 **(Rus)**
AUTOANTIBODIES, analysis/ ENGLISH ABSTRACT/ *GOITER, immunology/ *GOITER, pathology/ GOITER, surgery/ HUMAN/ *HYPERTHYROIDISM, immunology/ THYROID GLAND, pathology

410. **Bonanni G:** Valutazione della riserva di ACTH ipofisario nei pazienti irradiati per neoplasia cerebral, con l'applicazione del test del metopirone.
Nunt Radiol 34:411-9, May 68 **(Ita)**
ACROMEGALY, radiotherapy/ ADULT/ ASTROCYTOMA, radiotherapy/ *BRAIN NEOPLASMS, radiotherapy/ *CORTICOTROPIN, biosynthesis/ CUSHING'S SYNDROME, radiotherapy/ ENGLISH ABSTRACT/ FEMALE/ GLIOBLASTOMA MULTIFORME, radiotherapy/ HUMAN/ MALE/ *METYRAPONE, diagnostic use/ MIDDLE AGE/ OLIGODENDROGLIOMA, radiotherapy/ *PITUITARY GLAND FUNCTION TESTS/ PITUITARY GLAND IRRADIATION

411. **Bonitz G:** Myasthenia gravis nach Thymektomie. Fallmitteilung und Literaturübersicht der Fälle mit einer nach Thimomentfernumg klinisch manifest gewordenen Myasthenia gravis.
Psychiat Neurol Med Psychol (Leipzig) 21:130-4, Apr 69 **(Ger)**
ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ MIDDLE AGE/ *MYASTHENIA GRAVIS, etiology/ MYASTHENIA GRAVIS, pathology/ NEOPLASM METASTASIS/ PROGNOSIS/ *THYMECTOMY, adverse effects/ THYMOMA, surgery/ THYMUS NEOPLASMS, surgery/ TIME FACTORS

412. **Bonnardeaux J, Lematre J:** Propriétés physiologiques de systèmes tétracycliques présentant le squelett4 des stéroïdes avec deux atomes d'azote en position 15 et 16.
Canad J Physiol Pharmacol 47:705-11, Aug 69 **(Fre)**
ACIDOSIS, chemically induced/ ANIMAL EXPERIMENTS/ CARDIOVASCULAR SYSTEM, drug effects/ CATS/ CHEMISTRY/ DOGS/ ENGLISH ABSTRACT/ GONANES, metabolism/ *GONANES, pharmacodynamics/ HYPERTENSION, chemically induced/ PENTOBARBITAL, antagonists & inhibitors/ POTASSIUM, blood/ POTASSIUM, urine/ RABBITS/ RATS/ UREA, metabolism/ WATER-ELECTROLYTE BALANCE, drug effects

413. **Bonta IL, Vargaftig BB, Vos CJ de, et al:** Haemorrhagic mechanisms of some snake venoms in relation to protection by estriol succinate of blood vessel damage. Life Sci 8:881-8, 1 Aug 69
ANIMAL EXPERIMENTS/ CAPILLARY PERMEABILITY, drug effects/ DOGS/

*ESTRIOL, pharmacodynamics/ HEMORRHAGE, chemically induced/ HEPARIN, pharmacodynamics/ PHOSPHOLIPASE, pharmacodynamics/ PULMONARY CIRCULATION/ *SNAKES/ SUCCINATES, pharmacodynamics/ *VENOMS, pharmacodynamics

414. **Bonucci E, Denys-Matrajt H, Tun-Chot S, et al:** Bone structure in osteomalacia, with special reference to ultrastructure.
J Bone Joint Surg [Brit] 51:511-28, Aug 69
ALKALINE PHOSPHATASE, analysis/ *BONE AND BONES, pathology/ *CALCINOSIS, pathology/ CALCIUM, blood/ COLLAGEN, analysis/ ENDOPLASMIC RETICULUM/ GLYCOGEN, analysis/ HUMAN/ *HYPERPARATHYROIDISM, complications/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ OSTEOBLASTS, cytology/ OSTEOMALACIA, etiology/ *OSTEOMALACIA, pathology/ PHOSPHATES, blood/ RIBOSOMES/ *VITAMIN D DEFICIENCY, complications

415. **Boone ML, Almond PR, Wright AE:** High-energy electron dose perturbations in regions of tissue heterogeneity. Ann NY Acad Sci 161:214-32, 3 Jul 69
ANIMAL EXPERIMENTS/ BONE AND BONES, radiation effects/ DOGS/ *ELECTRONS, therapeutic use/ LUNG, radiation effects/ MODELS, BIOLOGIC/ MODELS, STRUCTURAL/ *RADIATION EFFECTS/ RADIOMETRY/ *RADIOTHERAPY DOSAGE/ *RADIOTHERAPY, HIGH ENERGY/ TECHNOLOGY, RADIOLOGIC/ THORAX, radiation effects

416. **Boquoi E, Hammerstein J:** Discrepancies between colpocytology and urinary steroid hormone excretion in women treated with clomiphene citrate or gonadotropins for anovulatory sterility.
Acta Cytol (Balt) 13:332-46, Jun 69
ADULT/ BODY TEMPERATURE/ *CLOMIPHENE, adverse effects/ CYTODIAGNOSIS/ DIAGNOSIS, DIFFERENTIAL/ *ESTROGENS, urine/ FEMALE/ *GONADOTROPINS, adverse effects/ HUMAN/ *OVARY, drug effects/ *PREGNANEDIOL, urine/ *STERILITY, FEMALE, drug therapy/ *VAGINAL SMEARS

417. **Bora SS, Radichevich I, Werner SC:** Artifactual elevation of PBI from an iodinated dye used to stain medicinal capsules pink.
J Clin Endocr 29:1269-71, Sep 69
*BLOOD PROTEINS/ *CAPSULES/ CARBONATES, therapeutic use/ CHROMATOGRAPHY, PAPER/ CLINICAL RESEARCH/ DIIODOTYROSINE, blood/ DOPA, therapeutic use/ *FLUORESCEINS, adverse effects/ HUMAN/ *IODINE, adverse effects/ IODOPROTEINS, blood/ IODOTYROSINE, blood/ LITHIUM, therapeutic use/ PARKINSONISM, drug therapy/ PROTEIN BINDING/ PSYCHOSES, MANIC-DEPRESSIVE, drug therapy/ THYROXINE, blood/ TRIIODOTHYRONINE, blood

418. **Borden EC, Holling HE:** Hypertrophic osteoarthropathy and pregnancy.
Ann Intern Med 71:577-80, Sep 69
ADOLESCENCE/ ADULT/ ESTROGENS, physiology/ FEMALE/ HUMAN/ MIDDLE AGE/ *OSTEOARTHROPATHY, SECONDARY HYPERTROPHIC/ PREGNANCY/ *PREGNANCY COMPLICATIONS

419. **Borelli S:** Probleme der Klimatherapie bei Dermatosen. Indikationen und Erfolgsaussichten.
Munchen Med Wschr 111:1709-17, 29 Aug 69 (Ger)
ACNE, therapy/ *BALNEOLOGY/ *CLIMATE/ CORTISONE, therapeutic use/ DERMATITIS HERPETIFORMIS, therapy/ ECZEMA, therapy/ ENGLISH ABSTRACT/ ERYTHRODERMA, therapy/ FEMALE/ HUMAN/ LICHEN PLANUS, therapy/ MYCOSIS FUNGOIDES, therapy/ NEURODERMATITIS, diagnosis/ NEURODERMATITIS, therapy/ PSORIASIS, therapy/ SKIN DISEASES, drug therapy/ *SKIN DISEASES, therapy/ SKIN NEOPLASMS, therapy/ SWITZERLAND/ URTICARIA, therapy

420. **Boreux G:** La gérodermie ostéodysplasique a hérédité liée au sexe, nouvelle entité clinique et génétique.
J Genet Hum 17:137-78, May 69 (Fre)
ACRODERMATITIS, diagnosis/ ADOLESCENCE/ ADULT/ AGED/ ANTHROPOMETRY/ BONE DISEASES, diagnosis/ BONE DISEASES, etiology/ *BONE DISEASES, familial & genetic/ BONE DISEASES, radiography/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ *DWARFISM, familial & genetic/ ECCENTRO-OSTEOCHONDRODYSPLASIA, diagnosis/ EHLERS-DANLOS SYNDROME, diagnosis/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ LIPOCHONDRODYSTROPHY, diagnosis/ MALE/ MIDDLE AGE/ OSTEOGENESIS IMPERFECTA, diagnosis/ PEDIGREE/ PROGERIA, diagnosis/ SEX CHROMOSOMES/ *SKIN MANIFESTATIONS, familial & genetic/ WERNER'S SYNDROME, diagnosis

421. **Borgaonkar DS:** 47, XYY bibliography.
Ann Genet (Paris) 12:67-70, Mar 69
*BIBLIOGRAPHY/ HUMAN/ *SEX CHROMOSOME ABNORMALITIES

422. **Bories-Azeau A, Colin R, Dossa J:** La post-hypophyse dans le traitement des hémorragies digestives.
Arch Franc Mal Appar Dig 56:429-34, May 67 (Fre)
ENGLISH ABSTRACT/ *HEMORRHAGE, GASTROINTESTINAL, drug therapy/ HEMOSTASIS/ *PITUITARY GLAND, POSTERIOR/ *TISSUE EXTRACTS, therapeutic use

423. **Bornemisza G, Gyurkó G, Furka I:** Comparative survey of certain experimental methods for the improvement of coronary circulation.
Acta Chir Acad Sci Hung 10:45-53, 1969
ACRYLATES/ ADRENAL CORTEX HORMONES/ ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ *CORONARY DISEASE, surgery/ CORONARY VESSELS, surgery/ DOGS/ GELFOAM/ HEART SURGERY/ LUNG, pathology/ LUNG, surgery/ METHODS/ MYOCARDIUM, pathology/ OMENTUM, pathology/ OMENTUM, surgery/ REGIONAL BLOOD FLOW/ THORACIC ARTERIES, surgery

424. **Bornemisza P:** Behandlungsmöglichkeiten der Insulinresistenz.
Z Ges Inn Med 24:234-7, 15 Apr 69 (Ger)
ADULT/ ANTIDIABETICS, therapeutic use/ BIGUANIDES, therapeutic use/ CORTICOTROPIN, therapeutic use/ DIABETES MELLITUS, drug therapy/ *DRUG HYPERSENSITIVITY, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ INSULIN ANTIBODIES/ INSULIN, LENTE, adverse effects/ *INSULIN RESISTANCE/ MALE/ MIDDLE AGE/ PITUITARY HORMONES, ANTERIOR, antagonists & inhibitors

425. **Börner W, Grehn S, Moll E, et al:** Ein 125J-Profilscanner zur Messung der Dichte der Knochensubstanz am Finger. German Med Monthly 14:301-5, Jun 69 (Ger)
*FINGERS/ HUMAN/ *IODINE ISOTOPES, DIAGNOSTIC/ METHODS/ *OSTEOPOROSIS, diagnosis/ *RADIOISOTOPE SCANNING, instrumentation

426. **Bornstein J, Armstrong JM, Ng FM, et al:** Potentiation of insulin action in normal subjects by a pituitary polypeptide. Brit Med J 3:451-2, 23 Aug 69
ADULT/ BLOOD SUGAR, analysis/ DIABETES MELLITUS, etiology/ DRUG SYNERGISM/ FASTING/ HUMAN/ INJECTIONS, INTRAVENOUS/ *INSULIN, pharmacodynamics/ *PEPTIDES, pharmacodynamics/ *SOMATOTROPIN, pharmacodynamics

427. **Boros S, Molnár G:** Significance of Hormofort therapy

and hormone-cytological examinations in cyclic disorders in puberty. Ther Hung 17:30-5, 1969
ADOLESCENCE/ CYTODIAGNOSIS/ ESTRONE, therapeutic use/ FEMALE/ HUMAN/ MENSTRUATION DISORDERS, diagnosis/ *MENSTRUATION DISORDERS, drug therapy/ *PROGESTATIONAL HORMONES, therapeutic use

428. **Borovkov AI:** Morfologiia laichnikov u myshei posle obshchego odnokratnogo rentgenovskogo obliucheniia. Arkh Pat 30:31-6, 1968 (Rus)
AGING/ ANIMAL EXPERIMENTS/ FEMALE/ GRANULOSA CELL TUMOR, pathology/ HYPERPLASIA/ METHODS/ MICE/ NEOPLASMS, RADIATION-INDUCED/ OVARIAN NEOPLASMS, etiology/ OVARIAN NEOPLASMS, pathology/ OVARY, pathology/ *OVARY, radiation effects/ *RADIATION EFFECTS/ TESTICULAR NEOPLASMS, etiology/ TESTICULAR NEOPLASMS, pathology/ THECA CELL TUMOR, pathology

429. **Borrone C, Bricarelli FD:** Survival of donor's lymphocytes in new-born infants submitted to exchange transfusion.
Helv Paediat Acta 24:192-7, Apr 69
*EXCHANGE TRANSFUSION/ FEMALE/ HUMAN/ *INFANT, NEWBORN/ KARYOTYPING/ *LYMPHOCYTES/ MALE/ *SEX CHROMOSOMES

430. **Borth R, Menzi A, Vuagnat P:** Approximate versus exact evaluation of bioassays based on quantal response. Acta Endocr (Kobenhavn) 60:216-20, Feb 69
ANIMAL EXPERIMENTS/ *BIOLOGICAL ASSAY/ COMPUTERS, DIGITAL/ GONADOTROPINS, CHORIONIC, blood/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ METHODS/ OVARY, drug effects/ RATS/ STATISTICS

431. **Botella Llusia J:** Prediabetes y gestación. Un estudio sobre 474 casos.
Ginec Obstet Mex 22:1479-92, Nov 67 (Spa)
BIRTH WEIGHT/ FEMALE/ *FETAL DEATH, etiology/ HUMAN/ INSULIN, therapeutic use/ PREDNISOLONE, diagnostic use/ PREGNANCY/ *PREGNANCY IN DIABETES/ RETROSPECTIVE STUDIES/ SPAIN

432. **Botha MC:** Leucocyte-antigen matching in donor selection for heart transplantation.
Lancet 2:508-12, 6 Sep 69
ABO FACTORS/ ACTINOMYCIN, therapeutic use/ *ANTIGENS, analysis/ AZATHIOPRINE, therapeutic use/ ERYTHROCYTES, immunology/ FEMALE/ *HEART, transplantation/ HISTOCOMPATIBILITY TESTING/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ *LEUKOCYTES, immunology/ MALE/ MIDDLE AGE/ PHENOTYPE/ PREDNISOLONE, therapeutic use/ PREDNISONE, therapeutic use/ RH FACTORS/ *TISSUE DONORS/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY

433. **Botré C, Marchetti M, Del Vecchio C, et al:** A physicochemical model for the mechanism of action of antihistaminics and cortisol.
J Med Chem 12:832-6, Sep 69
*ANTIHISTAMINICS, pharmacodynamics/ BINDING SITES/ CATTLE/ CHEMISTRY/ CLEMIZOLE, pharmacodynamics/ DIALYSIS/ DIPHENHYDRAMINE, pharmacodynamics/ ELECTRIC CONDUCTIVITY/ ELECTRODES/ EQUILIBRIUM/ HISTAMINE, metabolism/ *HYDROCORTISONE, pharmacodynamics/ ION EXCHANGE/ MEMBRANES/ MODELS, CHEMICAL/ OSMOLAR CONCENTRATION/ PROMETHAZINE, pharmacodynamics/ PROTEIN BINDING/ SERUM ALBUMIN, BOVINE, metabolism

434. **Botte V, Delrio G:** Hydrolysis of steroid phosphates by mouse tissue phosphatases.
Biochim Biophys Acta 176:670-2, 29 Apr 69
ADRENAL GLANDS, enzymology/ ANIMAL EXPERIMENTS/ DEHYDROEPIANDROSTERONE, metabolism/ ESTRADIOL, metabolism/ FEMALE/ HYDROCORTISONE, metabolism/ INTESTINE, SMALL, enzymology/ KIDNEY, enzymology/ MICE/ NITROPHENOLS, metabolism/ OVARY, enzymology/ *PHOSPHATASES, metabolism/ *PHOSPHATES, metabolism/ *STEROIDS, metabolism/ TESTOSTERONE, metabolism/ UTERUS, enzymology/ VAGINA, enzymology

435. **Botvin'ev OK, Vel'tishchev IuE:** Metod razdel'nogo opredeleniia gidrokortizona i kortikosterona v malykh ob'emakh plazmy. Lab Delo 6:341-4, 1969 (Rus)
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ *CORTICOSTERONE, blood/ GEL FILTRATION/ HUMAN/ *HYDROCORTISONE, blood/ INFANT/ METHODS/ *PITUITARY-ADRENAL FUNCTION TESTS

436. **Boucher BJ, Gibberd FB:** Familial ataxia, hypogonadism and retinal degeneration.
Acta Neurol Scand 45:507-10, 1969
ADOLESCENCE/ ADULT/ *ATAXIA, familial & genetic/ CHILD/ CHILD, PRESCHOOL/ *EYE DISEASES/ FEMALE/ HUMAN/ *HYPOGONADISM/ PEDIGREE/ *RETINA/ RETINAL DEGENERATION

437. **Bouckaert A:** Le diagnostic numérique des goitres.
Nuclearmedizin 7:319-30, 31 Dec 68 (Fre)
*ADENOCARCINOMA, diagnosis/ *ADENOMA, diagnosis/ *COMPUTERS/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ *GOITER, diagnosis/ GOITER, EXOPHTHALMIC, diagnosis/ HUMAN/ MATHEMATICS/ *THYROID NEOPLASMS, diagnosis

438. **Bouckaert A, Jovanovic D:** L'examen scintiphotographique de la thyroide en pathologie tumorale. Nuclearmedizin 7:331-40, 31 Dec 68 (Fre)
DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ METHODS/ PHOTOGRAPHY/ *RADIOISOTOPE SCANNING/ TECHNETIUM/ *THYROID NEOPLASMS, diagnosis

439. **Bouillé C, Daniel JY, Boissin J, et al:** Fluorometric assay of corticosterone after purification by bidimensional thin-layer chromatography in birds.
Steroids 14:7-20, Jul 69
ADRENAL GLANDS, analysis/ ADRENAL GLANDS, physiology/ ANIMAL EXPERIMENTS/ BIRDS/ CARBON ISOTOPES/ CHROMATOGRAPHY, THIN LAYER/ COMPARATIVE STUDY/ *CORTICOSTERONE, analysis/ CORTICOSTERONE, blood/ CORTICOSTERONE, isolation & purification/ DUCKS/ FLUOROMETRY/ MALE/ METHODS

440. **Boulangé M, Vert P, Cuillier J:** Inefficacité relative de l'hormone antidiurétique chez des sujets déficitaires en cortisol par trouble de la 21-hydroxylation.
J Physiol (Paris) 60:Suppl 2:352, 1968 (Fre)
*ADRENAL GLAND DISEASES, drug therapy/ ADRENAL GLAND DISEASES, metabolism/ HUMAN/ *HYDROCORTISONE, biosynthesis/ *VASOPRESSIN, therapeutic use

441. **Bouletreau P, Ducluzeau R:** Accidents thérapeutiques mortels. Sem Hop Paris 45:2093-9, 26 Jun 69 (Fre)
ADULT/ AGED/ ANESTHESIA, LOCAL, adverse effects/ ANTIBIOTICS, adverse effects/ ANTICOAGULANTS, adverse effects/ BLOOD GROUP INCOMPATIBILITY/ DRUG HYPERSENSITIVITY, etiology/ *DRUG THERAPY, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ GLUCOCORTICOIDS, adverse effects/ HEART CATHETERIZATION, adverse effects/ HUMAN/ INTUBATION, adverse effects/ MALE/ MEDICATION ERRORS/ METHOTREXATE, adverse effects/ MIDDLE AGE/ MONOAMINE OXIDASE INHIBITORS, adverse effects/ PHENYLBUTAZONE, adverse effects/ TRANQUILIZING AGENTS, adverse effects/ VACCINATION, adverse effects/ VINBLASTINE, adverse effects

442. **Bourgoignie J, Guggenheim S, Kipnis D, et al:** Cyclic guanosine monophosphate: effects on short-circuit current and water permeability.
Science 165:1362-3, 26 Sep 69
*ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLADDER, drug effects/ *GUANINE NUCLEOTIDES, pharmacodynamics/ *MEMBRANE POTENTIALS, drug effects/ PERMEABILITY/ TOADS/ WATER

443. **Boveris AA, Stoppani AO:** Action de stéroïdes sur les niveaux d'oxydoréduction de l'ubiquinone mitochondriale.
C R Soc Biol (Paris) 162:2022-3, May 69 (Fre)
ANIMAL EXPERIMENTS/ ANTIMYCIN A, pharmacodynamics/ CYANIDES, pharmacodynamics/ ELECTRON TRANSPORT/ GLUTAMATES/ MALATES/ *MITOCHONDRIA, metabolism/ MITOCHONDRIA, LIVER, metabolism/ MITOCHONDRIA, MUSCLE, metabolism/ MYOCARDIUM, metabolism/ *NORETHINDRONE, pharmacodynamics/ NORSTEROIDS, pharmacodynamics/ OXYGEN CONSUMPTION/ RATS/ ROTENONE, pharmacodynamics/ *UBIQUINONE, metabolism

444. **Bowman JE, Carson PE, Frischer H:** The segregation in one family of three alleles at the glucose-6-phosphate dehydrogenase locus. Hum Hered 19:25-35, 1969
ALLELES/ BLOOD GROUPS/ BLOOD PROTEIN ELECTROPHORESIS/ CHROMOSOME MAPPING/ FEMALE/ GENETICS, HUMAN/ *GLUCOSEPHOSPHATE DEHYDROGENASE, blood/ *GLUCOSEPHOSPHATE DEHY- DROGENASE DEFICIENCY, familial & genetic/ HUMAN/ *ISOENZYMES, blood/ MALE/ NEGROES/ PEDIGREE/ PHOSPHOGLUCONATE DEHYDROGENASE, blood/ SEX CHROMOSOMES, physiology

445. **Bowman JT:** Parameters of spontaneous and x-ray-induced reversion of the white-ivory mutant of Drosophila. Mutat Res 7:409-15, May-Jun 69
ANIMAL EXPERIMENTS/ DROSOPHILA/ FEMALE/ GENOTYPE/ *GERM CELLS/ MALE/ MEIOSIS/ MITOSIS/ MOSAICISM/ *MUTATION/ MUTATION, radiation effects/ *RADIATION GENETICS/ SEX CHROMOSOMES

446. **Boyd H, Bacsich P, Young A, et al:** Fertilization and embryonic survival in dairy cattle.
Brit Vet J 125:87-97, Feb 69
*CATTLE/ CORPUS LUTEUM, analysis/ EMBRYO/ FEMALE/ FERTILITY/ *FERTILIZATION/ FETAL DEATH, occurrence/ *FETAL DEATH, veterinary/ OVUM, transplantation/ PREGNANCY/ *PREGNANCY, ANIMAL/ PROGESTERONE, analysis/ PROGESTERONE, blood/ TRANSPLANTATION, AUTOLOGOUS

447. **Boyde A, Hobdell MH:** Scanning electron microscopy of primary membrane bone. Z Zellforsch 99:98-108, 1969
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ *BONE AND BONES, anatomy & histology/ CATS/ ELEPHANTS/ FETUS/ HISTOLOGICAL TECHNICS/ HORSES/ HUMAN/ METHODS/ MICROSCOPY, ELECTRON/ OPOSSUMS/ RATS/ SHEEP/ SWINE

448. **Braak H, Hehn G von:** [The fine structure of the organon vasculosum hypothalami of the frog (Rana temporaria). Z Zellforsch 97:125-36, 1969
ANIMAL EXPERIMENTS/ CATECHOLAMINES, metabolism/ ENGLISH ABSTRACT/ EPENDYMA, cytology/ *FROGS, anatomy & histology/ HISTOLOGICAL TECHNICS/ *HYPOTHALAMUS, cytology/ HYPOTHALAMUS, metabolism/ MICROSCOPY, ELECTRON/ MICROSCOPY, FLUORESCENCE/ *NEURONS, cytology

449. **Brabec V, Michalec C, Palek J, et al:** Red cell lipids in autoimmune hemolytic anemia.
Blood 34:414-20, Oct 69
ADRENAL CORTEX HORMONES, therapeutic use/ *ANEMIA, HEMOLYTIC, AUTOIMMUNE, blood/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, drug therapy/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, immunology/ ANTI-ANTIBODIES, analysis/ ANTIGENS/ CEPHALINS, blood/ *CHOLESTEROL, blood/ *ERYTHROCYTES, analysis/ ERYTHROCYTES, immunology/ HEMOLYSIS/ HUMAN/ LECITHINS, blood/ NEUTRALIZATION TESTS/ *PHOSPHOLIPIDS, blood

450. **Brachet E, Rasio E:** The passage of radioiodinated protein hormones across isolated mesentery.
Arch Int Physiol 77:362-5, May 69
ANIMAL EXPERIMENTS/ *BIOLOGICAL TRANSPORT/ CARBON ISOTOPES/ DEXTRAN, metabolism/ DIFFUSION/ GLUCAGON, metabolism/ *HORMONES, metabolism/ INSULIN, metabolism/ INULIN, metabolism/ *IODINE, metabolism/ IODINE ISOTOPES/ *MESENTERY, metabolism/ MOLECULAR WEIGHT/ RATS/ SERUM ALBUMIN, RADIO-IODINATED, metabolism/ SOMATOTROPIN, metabolism/ SPECTROPHOTOMETRY/ TIME FACTORS

451. **Brady J:** How are insect circadian rhythms controlled?
Nature (London) 223:781-4, 23 Aug 69 (29 ref.)
BRAIN CHEMISTRY/ *CIRCADIAN RHYTHM/ GANGLIA/ HORMONES/ *INSECTS/ NEURAL TRANSMISSION/ NEUROSECRETION/ OPTIC NERVE/ REVIEW

452. **Brancaccio A:** Comportamento del surrene nei silicotici. Folia Med (Napoli) 51:947-54, 12 Dec 68 (Ita)
*ADRENAL CORTEX HORMONES, blood/ *ADRENAL GLANDS, physiopathology/ ENGLISH ABSTRACT/ HUMAN/ *SILICOSIS, physiopathology

453. **Brandau H:** Enzymologische Studien am Thecazelltumor. Arch Gynaek 207:53-4, 1969 (Ger)
FEMALE/ GLUCOSEPHOSPHATE DEHYDROGENASE, analysis/ GLUTAMATE DEHYDROGENASE, analysis/ HUMAN/ MALATE DEHYDROGENASE, analysis/ OXIDOREDUCTASES, analysis/ *THECA CELL TUMOR, enzymology

454. **Brandenburg D:** Des-PheB1-Insulin, ein kristallines Analogon des Rinderinsulins.
Hoppe Seyler Z Physiol Chem 350:741-50, Jun 69 (Ger)
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CATTLE/ CHROMATOGRAPHY, PAPER/ CRYSTALLOGRAPHY/ ELECTROPHORESIS/ FLUOROACETATES/ *INSULIN, analysis/ PHENYLALANINE/ SPECTROPHOTOMETRY/ SULFITES/ THIOCYANATES/ ULTRAVIOLET RAYS

455. **Brass H:** Behandlungsmöglichkeiten bei der chronischen Glomerulonephritis.
Munchen Med Wschr 111:1759-66, 29 Aug 69 (Ger)
ADOLESCENCE/ ADULT/ AZATHIOPRINE, therapeutic use/ CHLORAMBUCIL, therapeutic use/ CHRONIC DISEASE/ CONVULSIONS, therapy/ ENGLISH ABSTRACT/ GLOMERULONEPHRITIS, complications/ *GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, pathology/ HUMAN/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ *INDOMETHACIN, therapeutic use/ KIDNEY, pathology/ MERCAPTOPURINE, therapeutic use/ MIDDLE AGE/ PERITONEAL DIALYSIS/ POTASSIUM, therapeutic use/ *PREDNISONE, therapeutic use/ PROGNOSIS/ PROTEINURIA, therapy/ TIME FACTORS

456. **Bratkowska-Seniów B, Dzierżkowa W, Falkiewicz A, et al:** Unsere Erfahrungen mit den immunologischen Untersuchungen bei Schilddrüsenerkrankungen.
Z Ges Inn Med 24:Suppl:106-7, 1 Apr 69 (Ger)
ANTIGEN-ANTIBODY REACTIONS/ COMPLEMENT FIXATION TESTS/ ELECTROPHORESIS/ HEMAGGLUTINATION TESTS/ HUMAN/ PRECIPITATION/ PRECIPITIN TESTS/ SKIN TESTS/ *THYROID DISEASES, immunology

457. **Braun-Falco O:** Therapie der Neurodermtitis diffusa.
Med Klin 64:1249-52, 4 Jul 69 (Ger)
ANTIHISTAMINICS, therapeutic use/ DIET THERAPY/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ HYPNOTICS AND SEDATIVES, therapeutic use/ NEURODERMATITIS, drug therapy/ *NEURODERMATITIS, therapy

458. **Braverman LE, Woeber KA, Ingbar SH:** Induction of myxedema by iodide in patients euthyroid after radioiodin or surgical treatment of diffuse toxic goiter. New Eng J Med 281:816-21, 9 Oct 69
CHOLESTEROL, blood/ FEMALE/ GOITER, EXOPHTHALMIC, blood/ GOITER, EXOPHTHALMIC, complications/ *GOITER, EXOPHTHALMIC, radiotherapy/ *GOITER, EXOPHTHALMIC, surgery/ HUMAN/ HYPOTHYROIDISM, etiology/ *IODIDES/ IODINE ISOTOPES, adverse effects/ MALE/ MYXEDEMA, blood/ *MYXEDEMA, chemically induced/ POTASSIUM IODIDE/ THYROID GLAND, drug effects/ THYROID HORMONES, biosynthesis/ THYROTROPIN, blood/ THYROXINE, blood/ THYROXINE-BINDING PROTEIN, blood

459. **Breckenridge BM, Johnston RE:** Cyclic 3',5'-nucleotide phosphodiesterase in brain.
J Histochem Cytochem 17:505-11, Aug 69
ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ *BRAIN, enzymology/ CAUDATE NUCLEUS, enzymology/ CEREBELLUM, enzymology/ CEREBRAL CORTEX, enzymology/ HYPOTHALAMUS, enzymology/ KINETICS/ LEAD, pharmacodynamics/ LIMBIC SYSTEM, enzymology/ OPTIC NERVE, enzymology/ PHOSPHATASES, antagonists & inhibitors/ *PHOSPHATASES, metabolism/ PITUITARY GLAND, enzymology/ RABBITS/ RETINA, enzymology/ SPINAL CORD, enzymology

460. **Bredikhin LM, Soroka VR:** Obmen mikroélementov u bol'nykh zobom v protesse lecheniia.
Vrach Delo 6:81-4, Jun 69 (Rus)
ADULT/ ALUMINUM, blood/ COPPER, blood/ ENGLISH ABSTRACT/ FEMALE/ *GOITER, metabolism/ HUMAN/ MALE/ MANGANESE, blood/ MIDDLE AGE/ SILICON, blood/ TITANIUM, blood/ *TRACE ELEMENTS, metabolism

461. **Bregulla K, Pauli H:** Versuche zur Adhäsionsprophylaxe im Genitalbereich weiblicher Ratten. Ein Proteinaseninaktivator, Cortison und Chondroitinschwefelsäure wirken nicht antiadhäsiv.
Z Ges Exp Med 150:346-53, 1969 (Ger)
ADHESIONS/ ANIMAL EXPERIMENTS/ *CHONDROITIN, therapeutic use/ *CORTISONE, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ GENITALIA, FEMALE, injuries/ *GYNECOLOGIC DISEASES, prevention & control/ *KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ PREGNANCY/ RATS/ SULFURIC ACIDS, therapeutic use

462. **Brehm G, Lachner H, Oertel GW, et al:** Quantitative Bestimmungen von Dehydroepiandrosteron, Androsteron, Atiocholanolon, Gesamtoestrogen und Testosteron im plasma und Hauteluaten bei Acne vulgaris. Arch Klin Exp Derm 234:117-24, 1969 (Ger)
*ACNE, blood/ ACNE, drug therapy/ *ANDROGENS, analysis/ ANDROSTERONE, analysis/ ANDROSTERONE, blood/ DEHYDROEPIANDROSTERONE, analysis/ DEHYDROEPIANDROSTERONE, blood/ DEHYDROEPIANDROSTERONE, therapeutic use/ ENGLISH ABSTRACT/ *ESTROGENS, analysis/ ESTROGENS, blood/ ETIOCHOLANOLONE, analysis/ ETIOCHOLANOLONE, blood/ FEMALE/ HUMAN/ MALE/ *SKIN, analysis/ TESTOSTERONE, analysis/ TESTOSTERONE, blood

463. **Brenner M, Karjalainen P, Rytilä A, et al:** The effect of inhomogeneities on dose distributions of high-energy electrons. Ann NY Acad Sci 161:233-42, 3 Jul 69
BONE AND BONES, radiation effects/ *ELECTRONS, therapeutic use/ MODELS, BIOLOGIC/ *RADIATION EFFECTS/ RADIOMETRY/ RADIOTHERAPY DOSAGE/ *RADIOTHERAPY, HIGH ENERGY/ SKIN, radiation effects/ TECHNOLOGY, RADIOLOGIC

464. **Bret AJ, Grepinet J:** Môle hydatiforme et môle de Breus avec anomalies chromosomiques.
Rev Franc Gynec Obstet 62:463-4, Sep 67 (Fre)
ADULT/ *CHROMOSOME ABNORMALITIES, complications/ FEMALE/ HUMAN/ *HYDATIDIFORM MOLE, complications/ PREGNANCY

465. **Breunung M:** Das pathogenetische Prinzip des Provokationstestes bei Harnweginfektionen.
Paediat Grenzgeb 7:271-81, 1968 (Ger)
CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INFANT/ KIDNEY FUNCTION TESTS/ MALE/ PREDNISOLONE, diagnostic use/ PYURIA/ *URINARY TRACT INFECTIONS, diagnosis

466. **Brezhnev VS:** Lechenie bol'nykh iazvennoĭ bolezn'iu ganglioliitikami, DOKSA i ikh sochetaniem.
Vrach Delo 5:130-2, May 67 (Rus)
ADULT/ *DESOXYCORTICOSTERONE, therapeutic use/ FEMALE/ *GANGLIONIC-BLOCKING AGENTS, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *PEPTIC ULCER, drug therapy

467. **Breznock EM, McQueen RD:** Rapid fluorometric analysis of plasma corticosteroids as a test of adrenocortical function in the dog.
Amer J Vet Res 30:1523-33, Sep 69
*ADRENAL CORTEX HORMONES, blood/ CORTICOTROPIN/ *DOGS, physiology/ PITUITARY-ADRENAL FUNCTION TESTS, veterinary

468. **Bricker NS, Ogden DA, Schreiner GE, et al:** Invited discussion.
Arch Intern Med (Chicago) 124:292-301, Sep 69
CALCINOSIS, etiology/ *HYPERPARATHYROIDISM, etiology/ KIDNEY, transplantation/ *KIDNEY FAILURE, CHRONIC, complications/ OSTEOMALACIA, etiology/ PHOSPHORUS METABOLISM DISORDERS, etiology/ POSTOPERATIVE COMPLICATIONS/ RICKETS, RENAL, drug therapy/ *RICKETS, RENAL, etiology/ VITAMIN D, therapeutic use

469. **Briguglio E:** Azione del Betametasone fosfato nella carie sperimentale.
Stomatologica (Genova) 12:381-91, Oct-Dec 68 (Ita)
BETAMETHASONE, pharmacodynamics/ DENTAL CARIES, etiology/ SPECIAL LIST DENTAL

470. **Brindley HH:** Homology of the extremities.
Amer J Orthop Surg 11:40-3 contd, Feb 69
ANKLE, anatomy & histology/ *BONE AND BONES, anatomy & histology/ BONE AND BONES, embryology/ *BONE DEVELOPMENT/ *EXTREMITIES, anatomy & histology/ HUMAN/ WRIST, anatomy & histology

471. **Brix M, Zilavý S, Mešková M, et al:** Príspevok k otázke zákonitosti pooperačnej metabolickej reakcie.
Bratisl Lek Listy 52:226-9, Aug 69 (Slo)
ADOLESCENCE/ CATECHOLAMINES/ ENGLISH ABSTRACT/ *EOSINOPHILS, analysis/ FEMALE/ HUMAN/ *METABOLISM/ MIDDLE AGE/ *PITUITARY-ADRENAL SYSTEM/ *STRESS/ SURGERY, OPERATIVE

472. **Brockmann H, Meyer E, Schrempp K, et al:** Resistomycin. IV. Die Konstitution ds Resistomycins.
Chem Ber 102:1224-46, 1969 (Ger)
*ANTIBIOTICS/ BROMINE/ IODINE/ NUCLEAR MAGNETIC RESONANCE/ OXIDATION-REDUCTION/ SPECTROPHOTOMETRY/ ZINC

473. **Brodehl J:** Die Behandlung der akuten Glomerulonephritis und des nephrotischen Syndroms im Kindesalter.

Deutsch Med J 20:441-7, Jul 69 (77 ref.) (Ger)
ANTIBIOTICS, administration & dosage/ CHILD/ CHILD, PRESCHOOL/ DIET THERAPY/ DIURETICS, therapeutic use/ FEMALE/ GLOMERULONEPHRITIS, drug therapy/ *GLOMERULONEPHRITIS, therapy/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ INFANT/ INFANT, NEWBORN/ MALE/ NEPHROTIC SYNDROME, drug therapy/ *NEPHROTIC SYNDROME, therapy/ PREDNISONE, administration & dosage/ REVIEW

474. **Brodie HJ, Raab K, Possanza G, et al:** Further stereochemical studies of the catalytic reduction of delta-1,4-3-keto steroids with tritium.
J Org Chem 34:2697-702, Sep 69
*ANDROSTANES/ BACILLUS, metabolism/ CHEMISTRY/ *HYDROCORTISONE/ *OXIDATION-REDUCTION/ OXIDOREDUCTASES/ PLACENTAL EXTRACTS, metabolism/ *TESTOSTERONE/ TRITIUM

475. **Broekhuysen J, Laruel R, Sion R:** Recherches dans la série des benzofurannes. XXXVII. Etude comparée du transit et du métabolisme de l'amiodarone chez diverses espèces animales et chez l'homme.
Arch Int Pharmacodyn 177:340-59, Feb 69 (Fre)
ADIPOSE TISSUE, metabolism/ ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ BENZOFURANS, administration & dosage/ BENZOFURANS, blood/ *BENZOFURANS, metabolism/ BRAIN, metabolism/ CATS/ DOGS/ ENGLISH ABSTRACT/ EYE, metabolism/ FEMALE/ GUINEA PIGS/ HUMAN/ INTESTINAL ABSORPTION/ IODINE, metabolism/ IODINE ISOTOPES/ LIVER, metabolism/ LUNG, metabolism/ MALE/ MICE/ MONKEYS/ MUSCLES, metabolism/ PROTEIN-BOUND IODINE TEST/ RABBITS/ RADIOAUTOGRAPHY/ RATS/ SKIN, metabolism/ SPLEEN, metabolism/ THYROID GLAND, metabolism/ TRITIUM

476. **Brohult J:** Serum ornithine carbamoyl transferase activity (S-OCT) after irradiation of malignant tumours and after administration of ACTH.
Acta Med Scand 185:363-8, Apr 69
ADRENAL GLANDS, secretion/ ADULT/ BLOOD UREA NITROGEN/ *CERVIX NEOPLASMS, radiotherapy/ *CORTICOTROPIN, pharmacodynamics/ FEMALE/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ LIVER, enzymology/ MALE/ MIDDLE AGE/ NECROSIS, etiology/ NITROGEN, blood/ NITROGEN, urine/ *ORNITHINE CARBAMOYL- TRANSFERASE, blood/ PROTEINS, metabolism/ RADIUM, therapeutic use/ SURGERY, OPERATIVE, adverse effects/ UREA, urine

477. **Brökelmann J:** Peroxidase-associated binding of estradiol by the rat uterus.
J Histochem Cytochem 17:394-7, Jun 69
ALDEHYDES/ ANIMAL EXPERIMENTS/ BINDING SITES/ BIPHENYL COMPOUNDS/ CORTICOSTERONE, metabolism/ CULTURE MEDIA/ *ESTRADIOL, metabolism/ FEMALE/ HISTOCYTOCHEMISTRY/ HISTOLOGICAL TECHNICS/ HYDROGEN PEROXIDE/ IN VITRO/ INJECTIONS/ MICROSCOPY, ELECTRON/ *PEROXIDASES, metabolism/ PHENOLS/ RADIOAUTOGRAPHY/ RADIOMETRY/ RATS/ TISSUE EXTRACTS/ TRITIUM/ UTERUS, cytology/ UTERUS, enzymology/ *UTERUS, metabolism

478. **Bromberg-Sznek SZ, Bednarski Z, Pawlicka L:** Przypadek nadciśnienia tętniczego z hiperreninemią skutecznie leczony operacyjnie.
Pol Tyg Lek 24:1090-1, Jul 69 (Pol)
ADOLESCENCE/ BLOOD VESSEL PROSTHESIS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERTENSION, surgery/ *HYPERTENSION, RENAL, surgery/ *RENAL ARTERY OBSTRUCTION, surgery/ *RENIN, blood

479. **Bronitein ME:** Lipidy v tkani laichnika pri sindrome Shteina--Leventalia.
Probl Endokr (Moskva) 15:33-8, Jan-Feb 69 (Rus)
*CHOLESTEROL, analysis/ ENGLISH ABSTRACT/ *FATTY ACIDS, NONESTERIFIED, analysis/ FEMALE/ HISTOCYTOCHEMISTRY/ HUMAN/ *OVARY, analysis/ OVARY, pathology/ *STEIN-LEVENTHAL SYNDROME, metabolism/ *TRIGLYCERIDES, analysis

480. **Bronner F, Lemaire R:** Comparison of calcium kinetics in man and the rat. Calcif Tissue Res 3:238-48, 1969
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ *BONE AND BONES, metabolism/ *CALCIFICATION, PHYSIOLOGIC/ CALCIUM, blood/ *CALCIUM, metabolism/ CALCIUM, urine/ CALCIUM ISOTOPES/ FEMALE/ HUMAN/ KINETICS/ MALE/ MIDDLE AGE/ MODELS, BIOLOGIC/ RATS

481. **Brons R, Koudstaal J:** Craniometaphyseal dysplasia.
Oral Surg 28:202-15, Aug 69
ADULT/ *BONE DISEASES, familial & genetic/ CASE REPORT/ CHILD, PRESCHOOL/ FEMUR, abnormalities/ HUMAN/ *JAW ABNORMALITIES, familial & genetic/ MALE/ OSTEOPOROSIS, familial & genetic/ SKULL, abnormalities/ SKULL, radiography/ TIBIA, abnormalities

482. **Bronson FH, Desjardins C:** Release of gonadotrophin in ovariectomized mice after exposure to males.
J Endocr 44:293-7, Jul 69
ANIMAL EXPERIMENTS/ *CASTRATION/ ESTRADIOL, pharmacodynamics/ ESTROGENS, pharmacodynamics/ FEMALE/ FSH, analysis/ FSH, biosynthesis/ FSH, blood/ FSH, secretion/ *GONADOTROPINS, secretion/ LH, analysis/ LH, blood/ LH, secretion/ MALE/ MICE/ PITUITARY GLAND, analysis/ *SEX BEHAVIOR, ANIMAL

483. **Bronson FH, Desjardins C:** Aggressive behavior and seminal vesicle function in mice: differential sensitivity to androgen given neonatally.
Endocrinology 85:971-4, Nov 69
*AGGRESSION, drug effects/ ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ BODY WEIGHT, drug effects/ CASTRATION/ CORN/ MALE/ MICE/ OILS/ ORGAN WEIGHT/ SEMINAL VESICLES, anatomy & histology/ *SEMINAL VESICLES, drug effects/ STIMULATION, CHEMICAL/ *TESTOSTERONE, pharmacodynamics

484. **Brooks CJ, Harvey DJ:** Comparison of various alkylboronic acids for the characterization of corticosteroids by gas-liquid chromatography-mass spectrometry. Biochem J 114:15P, Aug 69
*ADRENAL CORTEX HORMONES, analysis/ *BORONIC ACIDS/ CHROMATOGRAPHY, GAS/ SPECTRUM ANALYSIS

485. **Brostoff J, Czarny D:** Effect of intranasal betamethasone-17-valerate on allergic rhinitis and adrenal function. J Allerg 44:77-81, Aug 69
ANTIHISTAMINICS, therapeutic use/ *BETAMETHASONE, therapeutic use/ COMPARATIVE STUDY/ *HAY FEVER, drug therapy/ HUMAN/ IMIDAZOLES, therapeutic use/ VASOCONSTRICTOR AGENTS, NASAL

486. **Broun GR:** Funktsional'nog sostoianie struktur zadnego gipotalamusa krolika pri eksperimental'nom tuberkuleze. Biull Eksp Biol Med 67:40-3, Feb 69 (Rus)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ HYPOTHALAMUS, pathology/ *HYPOTHALAMUS, physiopathology/ RABBITS/ TUBERCULOSIS, pathology/ *TUBERCULOSIS, physiopathology

487. **Brouwer E, Veerdonk FC van de:** Identification of a catecholamine in the skin of the toad, Xenopus laevis, and the relation to the physiological melanophore reaction. Experientia 25:391-2, 15 Apr 69
ADAPTATION, OCULAR/ ANIMAL EXPERIMENTS/ *CHROMATOPHORES,

physiology/ DARK ADAPTATION/ *DOPAMINE, analysis/ LIGHT/ MICROSCOPY, FLUORESCENCE/ MSH, physiology/ *SKIN, analysis/ *TOADS

488. **Brovkina AF, Kostiukova TD:** O tak nazyvaemoĭ probnoĭ rentgenoterapii pri odnostoronnem ékzoftal'me. Vestn Oftal 81:57-61, Jul-Aug 68 (Rus)
ADULT/ ENGLISH ABSTRACT/ *EXOPHTHALMOS, radiotherapy/ FEMALE/ HUMAN/ MIDDLE AGE/ NEOPLASM METASTASIS, radiotherapy/ ORBITAL NEOPLASMS, diagnosis/ *ORBITAL NEOPLASMS, radiotherapy/ RADIOTHERAPY DOSAGE/ SARCOMA, radiotherapy

489. **Brown CH:** Malignant granuloma.
Brit Med J 3:471, 23 Aug 69
*ADRENAL CORTEX HORMONES, therapeutic use/ *ANTINEOPLASTIC AGENTS, therapeutic use/ FEMALE/ *GRANULOMA, drug therapy/ HUMAN/ MALE

490. **Brown JL, Hunsperger RW, Rosvold HE:** Interaction of defence and flight reactions produced by simultaneous stimulation at two points in the hypothalamus of the cat. Exp Brain Res 8:130-49, 1969
ANIMAL EXPERIMENTS/ *BEHAVIOR, ANIMAL/ CATS/ ELECTRIC STIMULATION/ ELECTRODES/ ESCAPE REACTION/ EVOKED POTENTIALS/ *HYPOTHALAMUS, physiology/ REACTION TIME/ TIME FACTORS/ VOCALIZATION, ANIMAL

491. **Brown JL, Hunsperger RW, Rosvold HE:** Defence, attack, and flight elicited by electrical stimulation of the hypothalamus of the cat.
Exp Brain Res 8:113-29, 1969
AGGRESSION/ ANIMAL EXPERIMENTS/ *BEHAVIOR, ANIMAL/ CATS/ ELECTRIC STIMULATION/ ELECTRODES/ ENVIRONMENT/ ESCAPE REACTION/ EVOKED POTENTIALS/ EXPLORATORY BEHAVIOR/ HOSTILITY/ *HYPOTHALAMUS, physiology/ TIME FACTORS/ VOCALIZATION, ANIMAL

492. **Brown JR, Hughes H, Viriyanondha S:** Storage, distribution, and metabolism of 1,1-bis(4-chlorophenyl)-2,2,2-trichloroethanol.
Toxic Appl Pharmacol 15:30-7, Jul 69
*ALCOHOL, ETHYL, metabolism/ ALCOHOL, ETHYL, toxicity/ ANIMAL EXPERIMENTS/ BRAIN CHEMISTRY/ CHROMATOGRAPHY, GAS/ FATS, analysis/ FECES, analysis/ KIDNEY, analysis/ LIVER, analysis/ LUNG, analysis/ MALE/ MUSCLES, analysis/ MYOCARDIUM, analysis/ PESTICIDES, analysis/ *PESTICIDES, metabolism/ PESTICIDES, toxicity/ PESTICIDES, urine/ RATS/ TESTIS, analysis/ TIME FACTORS

493. **Brown KA, Melzack R:** Effects of glucose on multi-unit activity in the hypothalamus.
Exp Neurol 24:363-73, Jul 69
ANIMAL EXPERIMENTS/ *BLOOD SUGAR, physiology/ BODY TEMPERATURE/ BRAIN MAPPING/ CATS/ DIENCEPHALON, physiology/ ELECTROENCEPHALOGRAPHY/ EVOKED POTENTIALS/ *EVOKED POTENTIALS/ *FEEDING BEHAVIOR/ GLUCOSE, pharmacodynamics/ HYPOTHALAMUS, drug effects/ *HYPOTHALAMUS, physiology/ INFUSIONS, PARENTERAL/ INJECTIONS, INTRAVENOUS/ MALE/ NEURAL INTERCONNECTIONS, physiology/ PENTOBARBITAL, pharmacodynamics/ TIME FACTORS/ URETHANE, pharmacodynamics

494. **Brown PA, Richart RM:** Functioning ovarian carcinoid tumors. Case report and review of the literature.
Obstet Gynec 34:390-5, Sep 69
CARCINOID TUMOR, diagnosis/ *CARCINOID TUMOR, metabolism/ CARCINOID TUMOR, pathology/ FEMALE/ HUMAN/ *HYDROXYINDOLEACETIC ACID, urine/ MENOPAUSE/ MIDDLE AGE/ OVARIAN NEOPLASMS, diagnosis/ *OVARIAN NEOPLASMS, metabolism/ OVARIAN NEOPLASMS, pathology/ OVARY, pathology

495. **Brown PS, Frye BE:** Effects of prolactin and growth hormone on growth and metamorphosis of tadpoles of the frog, Rana pipiens.
Gen Comp Endocr 13:126-38, Aug 69
ANIMAL EXPERIMENTS/ BIOMETRY/ BODY WEIGHT/ DEPRESSION, CHEMICAL/ *FROGS, growth & development/ *METAMORPHOSIS, BIOLOGICAL, drug effects/ PROLACTIN, administration & dosage/ *PROLACTIN, pharmacodynamics/ SOMATOTROPIN, administration & dosage/ *SOMATOTROPIN, pharmacodynamics/ STIMULATION, CHEMICAL/ THIOURACIL, pharmacodynamics/ THYROID GLAND, drug effects

496. **Brown PS, Frye BE:** Effects of hypophysectomy, prolactin, and growth hormone on growth of postmetamorphic frogs.
Gen Comp Endocr 13:139-45, Aug 69
ANIMAL EXPERIMENTS/ BIOMETRY/ *FROGS, growth & development/ *GROWTH, drug effects/ *HYPOPHYSECTOMY/ METAMORPHOSIS, BIOLOGICAL/ PROLACTIN, administration & dosage/ *PROLACTIN, pharmacodynamics/ SOMATOTROPIN, administration & dosage/ *SOMATOTROPIN, pharmacodynamics/ STIMULATION, CHEMICAL

497. **Brown WM, Law P, Smith PG:** Sex chromosome aneuploidy and parental age.
Ann Hum Genet 33:1-14, Jul 69
ADOLESCENCE/ ADULT/ *ANEUPLOIDY/ FEMALE/ HUMAN/ KARYOTYPING/ MALE/ *MATERNAL AGE/ MEIOSIS/ MIDDLE AGE/ MODELS, THEORETICAL/ MONGOLISM, familial & genetic/ MOSAICISM/ *PARENTS/ *SEX CHROMOSOMES

498. **Browne LB, Cobbin DM:** Planetocin and the insect gut.
Comp Biochem Physiol 30:99-104, 1 Jul 69
ANIMAL EXPERIMENTS/ BRADYKININ, antagonists & inhibitors/ DEPRESSION, CHEMICAL/ EPINEPHRINE, antagonists & inhibitors/ FEMALE/ *GASTROINTESTINAL SYSTEM, analysis/ GASTROINTESTINAL SYSTEM, drug effects/ *INSECTS/ MALE/ MUSCLES, drug effects/ OXYTOCICS, analysis/ *OXYTOCICS, metabolism/ OXYTOCICS, pharmacodynamics/ *PEPTIDE HYDROLASES/ SEROTONIN, antagonists & inhibitors/ SEX FACTORS/ STIMULATION, CHEMICAL

499. **Browne PA, Kirk DN:** A study of the Henbest reduction: the preparation of 3-alpha-hydroxy-5-alpha-and 3-beta-hydroxy-5-beta-steroids.
J Chem Soc [Org] 12:1653-9, 1969
ALCOHOLS/ *ANDROSTANES, chem synthesis/ *CHOLESTANES, chem synthesis/ *OXIDATION-REDUCTION/ *PREGNANES, chem synthesis

500. **Broza M, Pener MP:** Hormonal control of the reproductive diapause in the grasshopper, Oedipoda miniata. Experientia 25:414-5, 15 Apr 69
ANIMAL EXPERIMENTS/ *ENDOCRINE GLANDS, physiology/ ENDOCRINE GLANDS, surgery/ FEMALE/ *INSECTS, physiology/ *INVERTEBRATE HORMONES, physiology/ MALE/ NEUROSECRETION/ REPRODUCTION/ SEX BEHAVIOR, ANIMAL/ TIME FACTORS

501. **Brtníková M:** Diagnóza: dospívání.
Zdrav Prac 19:387-9 contd, Jul 69 (Cze)
PUBERTY/ SPECIAL LIST NURSING

502. **Brtníková M:** Diagnóza: dospívání.
Zdrav Prac 19:435-7 contd, Aug 69 (Cze)
PUBERTY/ SPECIAL LIST NURSING

503. **Bruce DS, Wiebers JE:** Mineral dynamics during hibernation and chronic immobility: a review.
Aerospace Med 40:855-61, Aug 69 (101 ref.)
ANIMAL EXPERIMENTS/ BONE AND BONES,

cytology/ BONE AND BONES, metabolism/ *BONE AND BONES, physiopathology/ BONE DISEASES, physiopathology/ CALCIUM, physiology/ CATS/ CHICKENS/ DOGS/ HAMSTERS/ *HIBERNATION/ HUMAN/ *IMMOBILIZATION/ MAGNESIUM, physiology/ *MINERALS, physiology/ OSTEOCLASTS, physiology/ PHOSPHORUS, physiology/ RATS/ REVIEW/ SODIUM, physiology/ SPACE FLIGHT/ SQUIRRELS/ WATER-ELECTROLYTE BALANCE

504. **Bruck J, Katschnig H:** Uber ein depressives Syndrom bei primärem Hyperparathyreoidismus.
Wien Z Nervenheilk 27:107-14, May 69 (Ger)
ADENOMA, complications/ ADENOMA, surgery/ ADULT/ CALCIUM, metabolism/ *DEPRESSION, etiology/ DEPRESSION, therapy/ FEMALE/ HUMAN/ *HYPERPARATHYROIDISM, complications/ HYPERPARATHYROIDISM, etiology/ HYPERPARATHYROIDISM, surgery/ HYPERTHYROIDISM, metabolism/ MIDDLE AGE/ OSTEITIS FIBROSA CYSTICA, etiology/ PARATHYROID NEOPLASMS, complications/ PARATHYROID NEOPLASMS, surgery

505. **Brückner R:** Ueber die Behandlung des Diabetikers bei Sehabnahme und Erblindung. Unsere Stellungnahme zur Erblindungsrate beim Diabetes mellitus.
Praxis 58:1072-81, 2 Sep 69 (Ger)
ADULT/ AGED/ *BLINDNESS, occurrence/ BLINDNESS, rehabilitation/ CATARACT, occurrence/ *DIABETES MELLITUS, complications/ DIABETIC RETINOPATHY, drug therapy/ *DIABETIC RETINOPATHY, occurrence/ DIABETIC RETINOPATHY, rehabilitation/ DIABETIC RETINOPATHY, surgery/ FEMALE/ GLAUCOMA, occurrence/ HEMOSTATICS, therapeutic use/ HUMAN/ HYPOPHYSECTOMY/ LIGHT COAGULATION/ MALE/ MIDDLE AGE/ PROGNOSIS/ SWITZERLAND/ VASODILATOR AGENTS, therapeutic use

506. **Brückner R:** Frühdiagnose medikamentöser Schäden von Netzhaut und Sehnerv.
Ophthalmologica (Basel) 158:245-72, 1969 (Ger)
ADULT/ AGED/ ANTIBIOTICS, adverse effects/ ANTICOAGULANTS, adverse effects/ ANTIMALARIALS, adverse effects/ CHLORPROMAZINE, adverse effects/ CONTRACEPTIVES, ORAL, adverse effects/ DIGITALIS GLYCOSIDES, adverse effects/ DIURETICS, adverse effects/ *DRUG THERAPY, adverse effects/ ELECTROOCULOGRAPHY/ ELECTRORETINOGRAPHY/ ENGLISH ABSTRACT/ *EYE DISEASES, chemically induced/ EYE DISEASES, diagnosis/ FEMALE/ GLUCOCORTICOIDS, adverse effects/ HUMAN/ ISONIAZID, adverse effects/ MALE/ METHODS/ MIDDLE AGE/ MONOAMINE OXIDASE INHIBITORS, adverse effects/ OPHTHALMOSCOPY/ OPTIC ATROPHY, diagnosis/ *OPTIC NERVE/ OPTIC NEURITIS, diagnosis/ PAPILLEDEMA, diagnosis/ PHENOTHIAZINES, adverse effects/ RETINA/ RETINAL DEGENERATION, diagnosis/ RETINAL HEMORRHAGE, diagnosis/ SULFONAMIDES, adverse effects/ TIME FACTORS/ VISION TESTS

507. **Brudette WJ:** Causality, casuistry and clinical carcinogenesis.
Progr Exp Tumor Res 11:395-430, 1969 (155 ref.)
ANIMAL EXPERIMENTS/ *CARCINOGENS/ CARCINOGENS, metabolism/ CHROMOSOME ABNORMALITIES/ CHROMOSOMES/ DNA, metabolism/ DROSOPHILA/ ECDYSONE, physiology/ ENVIRONMENTAL EXPOSURE/ ESOPHAGEAL NEOPLASMS, etiology/ FEMALE/ GENES/ HORMONES, metabolism/ HUMAN/ HYDROCARBONS/ INSECT VIRUSES/ LIVER NEOPLASMS, etiology/ MALE/ MASS SCREENING/ MUTATION/ *NEOPLASMS, etiology/ *NEOPLASMS, familial & genetic/ NEOPLASMS, occurrence/ NEOPLASMS, EXPERIMENTAL, chemically induced/ NEOPLASMS, EXPERIMENTAL, etiology/ NEOPLASMS, EXPERIMENTAL, metabolism/ NEOPLASMS, RADIATION-INDUCED/ OCCUPATIONAL DISEASES/ ONCOGENIC VIRUSES/ PROTEINS, metabolism/ RADIATION GENETICS/ REVIEW/ SARCOMA, etiology

508. **Brudieux R:** Régénération du cortex surrénal après autogreffe néonatale.
C R Soc Biol (Paris) 163:125-9, 1969 (Fre)
ADRENAL GLANDS, anatomy & histology/ *ADRENAL GLANDS, physiology/ *ADRENAL GLANDS, transplantation/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ CATECHOLAMINES, metabolism/ CHOLESTEROL, blood/ CHOLESTEROL, metabolism/ CORTICOSTERONE, metabolism/ ELECTROCOAGULATION/ FEMALE/ MALE/ ORGAN WEIGHT/ RABBITS/ *REGENERATION/ TRANSPLANTATION, AUTOLOGOUS

509. **Brudieux R, Delost P:** Sécrétion des corticostéroïdes après autogreffe surrénalienne chez le rat.
J Physiol (Paris) 60:Suppl 2:411, 1968 (Fre)
*ADRENAL CORTEX HORMONES, secretion/ ADRENAL GLANDS, secretion/ *ADRENAL GLANDS, transplantation/ ANIMAL EXPERIMENTS/ CATECHOLAMINES, secretion/ CHOLESTEROL, secretion/ CHROMATOGRAPHY, THIN LAYER/ CORTICOSTERONE, secretion/ FEMALE/ MALE/ RATS/ STRESS/ TRANSPLANTATION, AUTOLOGOUS

510. **Bruère AN:** Male sterility and an autosomal translocation in Romney sheep.
Cytogenetics (Basel) 8:209-18, 1969
ANIMAL EXPERIMENTS/ *AUTOSOME ABNORMALITIES, veterinary/ *CHROMOSOME ABERRATIONS/ FEMALE/ KARYOTYPING/ MALE/ MEIOSIS/ MITOSIS/ PEDIGREE/ *SHEEP DISEASES, familial & genetic/ STERILITY, MALE, pathology/ *STERILITY, MALE, veterinary/ TESTIS, pathology

511. **Bruère AN, McDonald MF, Marshall RB:** Cytogenetical analysis of an ovine male pseudohermaphrodite and the possible role of the Y chromosome in cryptorchidism of sheep.
Cytogenetics (Basel) 8:148-57, 1969
ANIMAL EXPERIMENTS/ *CRYPTORCHISM, veterinary/ GONADS, pathology/ HERMAPHRODITISM, pathology/ *HERMAPHRODITISM, veterinary/ MALE/ SEX CHROMATIN/ *SEX CHROMOSOMES/ *SHEEP DISEASES, familial & genetic

512. **Brugger AJ, Salvá JA, Sopena M, et al:** Antagonismo entre Th 1165a y la vasopresina en el útero aislado de rata. Rev Esp Fisiol 24:177-82, Dec 68 (Spa)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ RATS/ *SYMPATHOMIMETICS, pharmacodynamics/ *UTERUS, drug effects/ *VASOPRESSIN, antagonists & inhibitors

513. **Brune H, Henning S, Schmähl D:** Der Einfluss von Glucocortidoiden auf das Wachstum und die chemotherapeutische Beinflussbarkeit autochthoner Benzpyren-Sarkome bei Mäusen.
Z Krebsforsch 72:213-8, 1969 (Ger)
ANIMAL EXPERIMENTS/ BENZOPYRENES/ CYCLOPHOSPHAMIDE, therapeutic use/ DEXAMETHASONE, therapeutic use/ ENGLISH ABSTRACT/ *GLUCOCORTICOIDS, therapeutic use/ HYDROCORTISONE, therapeutic use/ MICE/ PREDNISONE, therapeutic use/ SARCOMA, EXPERIMENTAL, chemically induced/ *SARCOMA, EXPERIMENTAL, drug therapy/ SARCOMA, EXPERIMENTAL, physiopathology

514. **Brüschke G, Oehme P, Schulz FH:** Uber einige Probleme der Therapie im Greisenalter.
Z Alternsforsch 22:1-10, 1969 (Ger)
AGED/ ANTIDEPRESSIVE AGENTS, therapeutic use/ CENTRAL NERVOUS SYSTEM, drug effects/ *DRUG THERAPY/ *GERIATRICS/ HISTORY OF MEDICINE, MEDIEVAL/ HUMAN/ METHODS/ PROCAINE,

therapeutic use/ REJUVENATION, history/ SEX HORMONES, therapeutic use

515. **Bruslé J:** Aspects ultrastructurax de l'innervation des gonades chez l'étoile de mer Asterina gibbosa P.
Z Zellforsch 98:88-98, 1969 (Fre)
ANIMAL EXPERIMENTS/ *ECHINODERMATA, cytology/ ENGLISH ABSTRACT/ GONADS, cytology/ *GONADS, innervation/ MICROSCOPY, ELECTRON/ NERVE FIBERS/ *NEURONS, cytology

516. **Brust M:** Agents which affect excitation-contraction coupling in normal and dystrophic muscle.
Fed Proc 28:1649-56, Sep-Oct 69
ANIMAL EXPERIMENTS/ *CAFFEINE, pharmacodynamics/ CALCIUM, metabolism/ ELECTRIC STIMULATION/ HUMAN/ MICE/ *MUSCLE CONTRACTION, drug effects/ MUSCLE RELAXING FACTOR/ *MUSCULAR DYSTROPHY, familial & genetic/ *NITRATES, pharmacodynamics/ TETANY, chemically induced

517. **Bruzzone S:** Persistent levels of phosphorylase in the rat ovary after oestradiol and gonadotrophin treatment. Acta Endocr (Kobenhavn) 61:323-8, Jun 69
ANIMAL EXPERIMENTS/ *ESTRADIOL, pharmacodynamics/ *GLUCOSYLTRANSFERASES, analysis/ GLYCOGEN, analysis/ *GONADOTROPINS, EQUINE, pharmacodynamics/ OVARY, drug effects/ *OVARY, enzymology/ RATS

518. **Bryden MM, Stokes GB:** Metabolism of fatty acids in the southern elephant seal Mirounga leonina (L).
Canad J Biochem 47:757-60, Aug 69
*ADIPOSE TISSUE, metabolism/ AGE FACTORS/ ANIMAL EXPERIMENTS/ BODY HEIGHT/ BODY WEIGHT/ CHROMATOGRAPHY, GAS/ FASTING/ *FATTY ACIDS, metabolism/ FEMALE/ LACTATION/ *MILK/ *PINNIPEDIA, metabolism/ PREGNANCY/ WEANING

519. **Bubiakina MS:** Vliianie udaleniia sleznykh (ékstraorbital'nykh) zhelez na mineral'nyi obmen v obyzvestvlennykh tkaniakh po pokazateliam vkliuchenila Ca45.
Pat Fiziol Eksp Ter 11:68-70, Mar-Apr 67 (Rus)
ANIMAL EXPERIMENTS/ *BONE AND BONES, metabolism/ *CALCIUM ISOTOPES/ *LACRIMAL APPARATUS, metabolism/ LACRIMAL APPARATUS, surgery/ RATS/ *TOOTH, metabolism

520. **Buchanan AS, Laycock GM, Shulman A:** Action of central nervous system stimulant and depressant drugs in the intact animal. 4. Surface activity of drugs with central stimulant depressant, or dual stimulant-depressant action.
Europ J Pharmacol 7:60-5, Jul 69
AIR/ AMOBARBITAL/ *ANALEPTICS/ BARBITURATES/ CHEMISTRY/ DEPRESSION, CHEMICAL/ DIPHENYLHYDANTOIN/ GLUTARATES/ HYDROXYDIONE/ *HYPNOTICS AND SEDATIVES/ OXAZINES/ PENTOBARBITAL/ PENTYLENETETRAZOLE/ PICROTOXIN/ SOLUTIONS/ STIMULATION, CHEMICAL/ SURFACE PROPERTIES/ SURFACE TENSION/ TRIMETHADIONE

521. **Buchanan RA, Eaton CJ, Koeff ST, et al:** The breast milk excretion on flufenamic acid.
Curr Ther Res 11:533-8, Aug 69
*ANTHRANILIC ACID, analysis/ *ANTI-INFLAMMATORY AGENTS, analysis/ FEMALE/ FLUFENAMIC ACID, analysis/ FLUFENAMIC ACID, blood/ FLUFENAMIC ACID, urine/ *FLUORINE, analysis/ HUMAN/ INFANT/ LACTATION, drug effects/ *MILK, HUMAN, analysis

522. **Bucher HW, Aepli R, Zenger F, et al:** Phäochromozytom mit aussergewöhnlichen Herzrhythmusstörungen und ihre Behandlung mit alpha-und beta-Rezeptoren-Blockern.
Schweiz Med Wschr 99:956-60, 28 Jun 69 (Ger)
ADRENAL GLAND NEOPLASMS, blood/ *ADRENAL GLAND NEOPLASMS, complications/ ADRENAL GLAND NEOPLASMS, surgery/ *ARRHYTHMIA, drug therapy/ *ARRHYTHMIA, etiology/ ARRHYTHMIA, SINUS, drug therapy/ ARRHYTHMIA, SINUS, etiology/ AURICULAR FIBRILLATION, drug therapy/ AURICULAR FIBRILLATION, etiology/ AURICULAR FLUTTER, drug therapy/ AURICULAR FLUTTER, etiology/ CATECHOLAMINES, blood/ CATECHOLAMINES, metabolism/ HUMAN/ MALE/ MIDDLE AGE/ *PHENOXYBENZAMINE, therapeutic use/ PHEOCHROMOCYTOMA, blood/ *PHEOCHROMOCYTOMA, complications/ PHEOCHROMOCYTOMA, surgery/ *PROPRANOLOL, therapeutic use/ TACHYCARDIA, drug therapy/ TACHYCARDIA, etiology

523. **Buchholz R:** Von der Ovulation zur Implantation (Bericht) Arch Gynaek 207:177-86, 1969 (Ger)
ANIMAL EXPERIMENTS/ ESTROGENS, biosynthesis/ FALLOPIAN TUBES, physiology/ FEMALE/ FERTILIZATION/ GONADOTROPINS, PITUITARY, physiology/ HUMAN/ MICE/ *NIDATION/ OVARY, metabolism/ *OVULATION/ PREGNANCY/ PROGESTERONE, biosynthesis/ RABBITS/ RATS/ SHEEP/ SWINE

524. **Buchholz R:** Die zentralen Impulse für Follikelreifung und Ovulation.
Arch Gynaek 207:107-23, 1969 (132 ref.) (Ger)
ANIMAL EXPERIMENTS/ ESTROGENS, urine/ FEEDBACK/ FEMALE/ FSH, blood/ FSH, physiology/ GONADOTROPINS, urine/ *GRAAFIAN FOLLICLE/ HUMAN/ HYDROXYPREGNENOLONE, blood/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ LH, blood/ LH, physiology/ OVARY, physiology/ *OVULATION/ PREGNANEDIOL, urine/ PROGESTERONE, blood/ PROGESTERONE, pharmacodynamics/ RABBITS/ RADIOIMMUNOASSAY/ RATS/ REVIEW

525. **Buchthala M:** Klinische Beobachtungen bei der Anwendung eines neuen Aquilans.
Hippokrates 39:466-8, 30 Jun 68 (Ger)
ADULT/ AGED/ HUMAN/ *HYPERTHYROIDISM, drug therapy/ MALE/ MIDDLE AGE/ PLANT EXTRACTS, therapeutic use/ *SLEEP DISORDERS, drug therapy/ *TRANQUILIZING AGENTS, therapeutic use/ *VALERIAN, analysis

526. **Buchwald H, Moore RB, Lee GB, et al:** Five years experience with the use of partial ileal bypass in the treatment of hypercholesterolemia and atherosclerosis. Israel J Med Sci 5:760-5, Jul-Aug 69
ADOLESCENCE/ ADULT/ ANGIOGRAPHY/ *ARTERIOSCLEROSIS, surgery/ CHOLESTEROL, blood/ CHOLESTEROL, metabolism/ ELECTROCARDIOGRAPHY/ FECES, analysis/ HUMAN/ *HYPERCHOLESTEREMIA, surgery/ *ILEUM, surgery/ INTESTINAL ABSORPTION/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ STEROIDS, analysis/ TRIGLYCERIDES, blood

527. **Bucourt R, Hainaut D, Gasc JC, et al:** Synthèses totales de la 8-iso 19-nor testostérone et de la 8,10-di iso 19-nor testostérone.
Bull Soc Chim France 6:1920-5, Jun 69 (Fre)
CHEMISTRY/ ESTRANES, chem synthesis/ *NANDROLONE, chem synthesis

528. **Budd J, Schroder JD:** Testicular tumors of yellow perch, Perca flavescens (Mitchill).
Wildlife Dis 5:315-8, Jul 69
*FISHES/ MALE/ *TESTICULAR NEOPLASMS, pathology

529. **Buhr J, Bibergeil H:** Zum Nachweis eines primären Hyperparathyreoidismus bei Nephrolithiasis.
Z Ges Inn Med 24:297-301, 15 May 69 (Ger)
CALCIUM, blood/ CALCIUM, urine/ ENGLISH ABSTRACT/ HUMAN/ HYPERPARATHYROIDISM, blood/

HYPERPARATHYROIDISM, complications/ *HYPERPARATHYROIDISM, diagnosis/ HYPERPARATHYROIDISM, surgery/ HYPERPARATHYROIDISM, urine/ *KIDNEY CALCULI, etiology/ POTASSIUM, blood/ POTASSIUM, urine

530. **Bukhman AI:** Infuzionnaia urografiia diagnostike izmenenii nadpochechnikov.
Probl Endokr (Moskva) 15:48-52, Mar-Apr 69 (Rus)
*ADRENAL GLAND DISEASES, diagnosis/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ *UROGRAPHY

531. **Bukhtina MA, Firsova GA, Maevskii MM, et al:** Eksperimental'noe izuchene protivoopukholevoi aktivnosti antibiotika, bydelennogo iz Actinomyces fumigatus. Antibiotiki 14:525-7, Jun 69 (Rus)
ANGIOSARCOMA, drug therapy/ ANIMAL EXPERIMENTS/ ANTIBIOTICS, ANTINEOPLASTIC, administration & dosage/ *ANTIBIOTICS, ANTINEOPLASTIC, therapeutic use/ ASCITES, drug therapy/ CARCINOMA, drug therapy/ CARCINOMA, EHRLICH TUMOR, drug therapy/ CARCINOMA, MUCINOUS, drug therapy/ CARCINOMA 256, WALKER, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ LIVER NEOPLASMS, drug therapy/ LYMPHOSARCOMA, drug therapy/ MELANOMA, drug therapy/ *NEOPLASMS, EXPERIMENTAL/ OVARIAN NEOPLASMS, drug therapy/ PANCREATIC NEOPLASMS, drug therapy/ SARCOMA 37, drug therapy/ SARCOMA 180, CROCKER, drug therapy/ SARCOMA, EXPERIMENTAL, drug therapy/ SARCOMA, JENSEN, drug therapy/ STOMACH NEOPLASMS, drug therapy/ TISSUE CULTURE

532. **Bulatov AA:** O vydelenii i ochistke svinogo tireokal'tsitonina.
Probl Endokr (Moskva) 15:85-9, May-Jun 69 (Rus)
CHROMATOGRAPHY/ ENGLISH ABSTRACT/ METHODS/ SWINE/ *THYROCALCITONIN, isolation & purification

533. **Bulbuk GA:** O roli gliuko- i mineralokortikoidov v reguliatsii pristenochnogo gidroliza sakharozy i protsessov fermentoobrazovaniia v tonkoi kishke.
Fiziol Zh SSSR Sechenov 54:607-13, May 68 (Rus)
ANIMAL EXPERIMENTS/ *CORTICOTROPIN, pharmacodynamics/ *DESOXYCORTICOSTERONE, pharmacodynamics/ *GLYCOSIDE HYDROLASES, biosynthesis/ *HYDROCORTISONE, pharmacodynamics/ INTESTINE, SMALL, drug effects/ *INTESTINE, SMALL, enzymology/ *INTESTINE, SMALL, metabolism/ RATS/ *SUCROSE, metabolism

534. **Bullemma ML, Duraiswami S:** Gel filtration analysis of ovine pituitary gonadotropins.
Indian J Exp Biol 7:75-8, Apr 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ GEL FILTRATION/ *GONADOTROPINS, PITUITARY, analysis/ HEXOSAMINES, analysis/ METHODS/ NEURAMINIC ACIDS, analysis/ SHEEP/ SPECTRUM ANALYSIS

535. **Bulovskaya LN, Prokudina EA, Konstantinov VL, et al:** Reversed action of acetylated corticotrophin: inhibition of adreno-cortical secretion.
Acta Endocr (Kobenhavn) 61:193-7, Jun 69
ACETATES/ ADRENAL GLANDS, secretion/ AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ *CORTICOTROPIN, pharmacodynamics/ CORTICOTROPIN, secretion/ DEPRESSION, CHEMICAL/ GUINEA PIGS/ 17-HYDROXYCORTICOSTEROIDS, blood/ *17-HYDROXYCORTICOSTEROIDS, secretion/ *PITUITARY-ADRENAL SYSTEM, drug effects/ SERINE

536. **Buniatian AF:** Klinicheskoe primenenie metoda razdel'nogo opredeleniia soderzhaniia belkovosviazannykh svobodynykh form 11-oksikortikosteroidov v plazme pri nekotorykh patologicheskikh sostoianiakh.
Lab Delo 6:337-40, 1969 (Rus)
ADDISON'S DISEASE, blood/ *ADRENAL CORTEX HORMONES, blood/ ADRENAL GLAND HYPOFUNCTION, blood/ ARTHRITIS, RHEUMATOID, blood/ *BLOOD PROTEINS/ CUSHING'S SYNDROME, blood/ FEMALE/ GEL FILTRATION/ HUMAN/ METHODS/ *PITUITARY-ADRENAL FUNCTION TESTS/ PREGNANCY/ PROTEIN BINDING/ *TRANSCORTIN

537. **Bunney WE Jr, Fawcett JA, Davis JM, et al:** Further evaluation of urinary 17-hydroxycorticosteroids in suicidal patients.
Arch Gen Psychiat (Chicago) 21:138-50, Aug 69
ADULT/ AGED/ DEPRESSION, complications/ FEMALE/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, urine/ MALE/ MIDDLE AGE/ SCHIZOPHRENIA, complications/ STRESS, PSYCHOLOGIC/ *SUICIDE/ TIME FACTORS

538. **Bünte H:** Indikation zur Resektion beinigner Strumen.
Med Mschr 23:154-7, Apr 69 (Ger)
ADULT/ FEMALE/ *GOITER, surgery/ HUMAN/ *HYPERTHYROIDISM, surgery/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ PRECANCEROUS CONDITIONS, surgery/ THYROID GLAND, pathology

539. **Buraggi GL:** La terapia radiologica del carcinoma della mammella. Interrogativi e problemi di attualità.
Minerva Radiol 13:556-62, Oct 68 (Ita)
BREAST NEOPLASMS, mortality/ *BREAST NEOPLASMS, radiotherapy/ BREAST NEOPLASMS, surgery/ FEMALE/ HUMAN/ HYPOPHYSECTOMY/ LYMPHATIC METASTASIS, radiotherapy/ MASTECTOMY/ NEOPLASM METASTASIS/ PITUITARY GLAND IRRADIATION/ RADIOTHERAPY DOSAGE/ RADIOTHERAPY, HIGH ENERGY

540. **Burdea M, Brătianu A, Trosc V, et al:** Contribuţii la tratamentul pancitopeniei.
Rev Medicochir Iasi 73:445-53, Apr-Jun 69 (Rum)
ADOLESCENCE/ *ANABOLIC STEROIDS, therapeutic use/ ANEMIA, APLASTIC, drug therapy/ ANEMIA, APLASTIC, etiology/ CHILD/ CHLORAMPHENICOL, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ HEMORRHAGIC DIATHESIS, complications/ HUMAN/ MALE/ *NANDROLONE, therapeutic use/ PIPERAZINES, adverse effects

541. **Bureau Y, Barrière H, Litoux P, et al:** Ulcérations phagédéniques, multiples et nécrotiques chez un garçon de 10 ans.
Bull Soc Franc Derm Syph 76:49, 1969 (Fre)
ADRENAL CORTEX HORMONES, therapeutic use/ CASE REPORT/ CHILD/ HUMAN/ MALE/ NECROSIS/ SKIN ULCER, drug therapy/ *SKIN ULCER, pathology

542. **Bureau Y, Barrière H, Litoux P, et al:** Ulcérations phagédéniques multiples, en îlots, chez une enfant de 14 ans, récidivant depuis 9 ans.
Bull Soc Franc Derm Syph 76:47-8, 1969 (Fre)
ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ CASE REPORT/ CHILD/ CHRONIC DISEASE/ FEMALE/ HUMAN/ SKIN ULCER, drug therapy/ *SKIN ULCER, pathology

543. **Burger A, Starke K:** Beeinflussung der ATPase aminspeichernder Granula von Nebennierenmark und Milznerven durch Thallium.
Experientia 25:578-9, 15 Jun 69 (Ger)
*ADENOSINE TRIPHOSPHATASE, antagonists & inhibitors/ ADRENAL MEDULLA, cytology/ ADRENAL MEDULLA, drug effects/ *ADRENAL MEDULLA, enzymology/ ANIMAL EXPERIMENTS/ *CATECHOLAMINES, metabolism/ CATTLE/ *CYTOPLASMIC GRANULES/ DEPRESSION, CHEMICAL/

ENGLISH ABSTRACT/ *SPLEEN, innervation/ *THALLIUM, pharmacodynamics

544. **Burgus R, Dunn TF, Ward DN, et al:** Dérivés polypeptidiques de synthèse doués d'activité hypophysiotrope TRF.
C R Acad Sci [D] (Paris) 268:2116-8, 21 Apr 69 **(Fre)**
ACETIC ACIDS/ ANHYDRIDES/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, THIN LAYER/ GLUTAMATES/ HISTIDINE/ IODINE ISOTOPES/ PEPTIDES, chem synthesis/ *PEPTIDES, pharmacodynamics/ PITUITARY GLAND, drug effects/ *PITUITARY GLAND, secretion/ PROLINE/ THYROID GLAND, drug effects/ *THYROTROPIN, secretion/ *THYROTROPIN RELEASING FACTOR/ THYROXINE, pharmacodynamics

545. **Buřič L, Zícha B:** The activity of deoxycytidine aminohydrolase in organs of some mammals.
Enzym Biol Clin (Basel) 10:222-32, 1969
ADULT/ AGED/ *AMINOHYDROLASES, analysis/ ANIMAL EXPERIMENTS/ BRAIN, enzymology/ CARBON ISOTOPES/ CATTLE/ CHROMATOGRAPHY, THIN LAYER/ CYTOSINE NUCLEOTIDES, urine/ DOGS/ GUINEA PIGS/ HAMSTERS/ HUMAN/ INTESTINE, SMALL, enzymology/ KIDNEY, enzymology/ KINETICS/ *LIVER, enzymology/ MALE/ MICE/ MIDDLE AGE/ RABBITS/ RATS/ SPECIES SPECIFICITY/ SPECTROPHOTOMETRY/ SPLEEN, enzymology/ SWINE/ TESTIS, enzymology/ THYMUS GLAND, enzymology

546. **Burke G:** The cell membrane: a common site of action of thyrotropin (TSH) and long-acting thyroid stimulator (LATS). Metabolism 18:720-9, Aug 69
ACETYLCHOLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, drug effects/ CALCIUM, pharmacodynamics/ *CELL MEMBRANE, drug effects/ IN VITRO/ *LONG-ACTING THYROID STIMULATOR, pharmacodynamics/ MAGNESIUM, pharmacodynamics/ OUABAIN, pharmacodynamics/ PHOSPHOLIPASE, pharmacodynamics/ PHOSPHOLIPIDS, metabolism/ PHOSPHORUS ISOTOPES/ SHEEP/ SODIUM, metabolism/ THYROID GLAND, cytology/ THYROID GLAND, drug effects/ *THYROTROPIN, pharmacodynamics

547. **Burki HR, Okita GT:** In vivo oxidation of glucose-1-14C and glucose-6-14C in mice with 7,12-dimethylbenz-[a]anthracene-induced tumors.
J Nat Cancer Inst 43:643-51, Sep 69
ANIMAL EXPERIMENTS/ *BENZANTHRACENES, pharmacodynamics/ BLOOD SUGAR/ CARBON DIOXIDE, analysis/ CARBON ISOTOPES/ COMPUTERS, DIGITAL/ ESTROGENS, physiology/ ESTRUS, drug effects/ *GLUCOSE, metabolism/ MAMMAE, transplantation/ MAMMARY NEOPLASMS, EXPERIMENTAL, chemically induced/ *MAMMARY NEOPLASMS, EXPERIMENTAL, metabolism/ MICE/ NEOPLASMS, EXPERIMENTAL, chemically induced/ NEOPLASMS, EXPERIMENTAL, metabolism/ OVARIAN NEOPLASMS, chemically induced/ *OVARIAN NEOPLASMS, metabolism/ OXIDATION-REDUCTION

548. **Burlet A:** Etude histologique et histoenzymologique de l'hypophyse de quelques espèces de crapauds: B. alvarius, B. spinolosus, B. mazatlanensis, B. arenarum.
C R Soc Biol (Paris) 162:2249-51, 1968 **(Fre)**
ACETYLCHOLINESTERASE, analysis/ ACID PHOSPHATASE, analysis/ ALKALINE PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ GLYCOGEN, analysis/ HISTOCYTOCHEMISTRY/ ORGAN WEIGHT/ *PITUITARY GLAND, anatomy & histology/ *PITUITARY GLAND, enzymology/ REPRODUCTION/ SPECIES SPECIFICITY/ *TOADS/ WATER

549. **Burmeister RE, Fechner RE, Franklin RR:** Endosalpingiosis of the peritoneum.
Obstet Gynec 34:310-8, Sep 69
ADULT/ CYSTADENOMA, PAPILLARY, pathology/ *ENDOMETRIOSIS, complications/ *FALLOPIAN TUBES, abnormalities/ FEMALE/ HUMAN/ MIDDLE AGE/ OVARIAN NEOPLASMS, pathology/ PERITONEAL DISEASES, complications/ *PERITONEAL DISEASES, pathology/ PERITONEAL NEOPLASMS, complications/ *PERITONEUM, abnormalities/ PREGNANCY

550. **Burns JB, Rogers JV Jr:** A sequestered ovary as a loose peritoneal body. Southern Med J 62:995-9, Aug 69
ADULT/ *CALCINOSIS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ *OVARIAN DISEASES, diagnosis/ OVARIAN DISEASES, radiography/ PERITONEAL CAVITY, radiography/ *PERITONEAL DISEASES, diagnosis

551. **Burrows D:** Flurandrenolone tape.
Trans St John Hosp Derm Soc 55:103-4, 1969
BANDAGES/ *FLURANDRENOLONE, administration & dosage/ HUMAN/ LUPUS ERYTHEMATOSUS, DISCOID, drug therapy/ SKIN DISEASES, drug therapy

552. **Burstein S, Gut M:** A preliminary report on the intermediates in the conversion in vitro of cholesterol to pregnenolone in adrenal preparations.
Steroids 14:207-17, Aug 69
*ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ CATTLE/ CHEMISTRY/ *CHOLESTEROL, metabolism/ GUINEA PIGS/ IN VITRO/ KINETICS/ MATHEMATICS/ MITOCHONDRIA, metabolism/ *PREGNENOLONE, metabolism/ TRITIUM

553. **Burstein SH:** The removal of testosterone binding globulin from plasma by affinity chromatography.
Steroids 14:263-8, Sep 69
AMINES, blood/ ANDROSTANES, blood/ CHEMISTRY/ CHROMATOGRAPHY/ *CHROMATOGRAPHY/ HUMAN/ METHODS/ POLYSACCHARIDES/ PROTEIN BINDING/ *SERUM GLOBULIN/ STEROLS, blood/ *TESTOSTERONE, blood/ TRITIUM

554. **Burt RL, Oliver KL, Whitener DL:** Water intoxication complicating elective induction of labor at term. Report of a patient who survived.
Obstet Gynec 34:212-4, Aug 69
ADULT/ CASE REPORT/ FEMALE/ HUMAN/ KIDNEY, drug effects/ *LABOR, INDUCED/ *OXYTOCIN, adverse effects/ PREGNANCY/ *WATER INTOXICATION, chemically induced

555. **Burto K:** Cnersion of 4-thiouracil in amino acid-transfer ribonucleic acid into N4-methyl-cytidine for sequence analysis. Biochem J 114:30P-31P, Sep 69
*AMINO ACIDS, metabolism/ CARBON ISOTOPES/ METHODS/ NUCLEOSIDES, analysis/ *RNA, SOLUBLE, analysis/ *THIOURACIL, analysis

556. **Buschmann W, Linnert D, Bluth K, et al:** Ergebnisse und Probleme bei der Arbeit mit B-Geräten (Flächenschnittbildgeräten) in der ophthalmologischen Ultraschalldiagnostik.
Schweiz Med Wschr 99:1025-33, 12 Jul 69 **(Ger)**
ABSCESS, diagnosis/ ADULT/ AGED/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ EXOPHTHALMOS, diagnosis/ *EYE DISEASES, diagnosis/ FEMALE/ HEMANGIOMA, diagnosis/ HUMAN/ MALE/ MENINGIOMA, diagnosis/ METHODS/ MYOSITIS, diagnosis/ ORBIT/ ORBITAL NEOPLASMS, diagnosis/ *ULTRASONICS, diagnostic use/ ULTRASONICS, instrumentation

557. **Bussolati G, Navone R, Gasparri G, et al:** In vitro study of C (parafollicular) cells of dog thyroid in organ culture. Experientia 25:641-2, 15 Jun 69
ANIMAL EXPERIMENTS/ DOGS/ EPITHELIUM/ IN VITRO/ MICROSCOPY, ELECTRON/ THYROGLOBULIN, secretion/ *THYROID GLAND, anatomy & histology/ THYROID GLAND, cytology/ *TISSUE CULTURE

558. **Butcher LL, Andén NE:** Effects of apomorphine and

amphetamine on schedule-controlled behavior: reversal of tetrabenazine suppression and dopaminergic correlates.
Europ J Pharmacol 6:255-64, 1969
*AMPHETAMINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *APOMORPHINE, pharmacodynamics/ *BEHAVIOR, ANIMAL, drug effects/ BRAIN CHEMISTRY/ *CATECHOLAMINES, analysis/ DOPAMINE, analysis/ HYDROXYLASES, antagonists & inhibitors/ MALE/ NOREPINEPHRINE, analysis/ RATS/ RECEPTORS, DRUG, drug effects/ REINFORCEMENT SCHEDULE/ SEROTONIN, analysis/ *TETRABENAZINE, pharmacodynamics/ TYROSINE, antagonists & inhibitors

559. **Butcher LL, Engel J:** Behavioral and biochemical effects of L-dopa after peripheral decarboxylase inhibition. Brain Res 15:233-42, Sep 69
ANIMAL EXPERIMENTS/ AUTONOMIC NERVOUS SYSTEM, drug effects/ AVOIDANCE LEARNING, drug effects/ *BEHAVIOR, ANIMAL, drug effects/ BRAIN CHEMISTRY/ DOPA, administration & dosage/ *DOPA, pharmacodynamics/ *DOPA DECARBOXYLASE, antagonists & inhibitors/ DOPAMINE, analysis/ HYDRAZINES, pharmacodynamics/ INJECTIONS, INTRAPERITONEAL/ MALE/ NOREPINEPHRINE, analysis/ RATS/ SEROTONIN, analysis

560. **Butenko GM:** Vliianie noradrenalina na obmenélektrolitov v miokarde.
Kardiologiia 9:104-9, Apr 69 (Rus)
ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ CHLORINE, blood/ CHLORINE, metabolism/ ENGLISH ABSTRACT/ *HEART, drug effects/ INJECTIONS, INTRAVENOUS/ LIVER, metabolism/ METHODS/ MYOCARDIUM, metabolism/ *NOREPINEPHRINE, pharmacodynamics/ POTASSIUM, blood/ POTASSIUM, metabolism/ RADIOISOTOPES/ RATS/ SODIUM, blood/ SODIUM, metabolism/ TIME FACTORS/ WATER-ELECTROLYTE BALANCE, drug effects

561. **Butler PJ, Harris JI, Hartley BS, et al:** The use of maleic anhydride for the reversible blocking of amino groups in polypeptide chains. Biochem J 112:679-89, May 69
ALCOHOL OXIDOREDUCTASES/ AMINO ACIDS/ ANHYDRIDES/ ARGININE/ CARBON ISOTOPES/ CHEMISTRY/ *CHYMOTRYPSIN/ DRUG STABILITY/ ELECTROPHORESIS/ ENZYME PRECURSORS/ GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE/ HYDROGEN-ION CONCENTRATION/ *LYSINE/ *MALATES/ MODELS, CHEMICAL/ *MSH/ *PEPTIDES/ *PROTEINS/ SOLUBILITY/ SPECTROPHOTOMETRY/ TIME FACTORS/ TRYPSIN

562. **Butrova SA, Sel'verova NB, Zairat'iants VB:** Zloakachestvennaia opukhol' kory nadpochechnika u muzhchiny s povyshennoĭ éstrogennoĭ i gliukokortikoidnoĭ aktivnost'iu.
Probl Endokr (Moskva) 14:48-9, May-Jun 68 (Rus)
*ADRENAL GLAND NEOPLASMS, urine/ ADULT/ CASE REPORT/ ESTRADIOL, urine/ ESTRIOL, urine/ *ESTROGENS, urine/ ESTRONE, urine/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, urine/ LIVER NEOPLASMS, urine/ MALE/ NEOPLASM METASTASIS

563. **Butterworth FM, Bodenstein D:** Adipose tissue of Drosophila melanogaster. IV. The effect of the corpus allatum and synthetic juvenile hormone on the tissue of the adult male. Gen Comp Endocr 13:68-74, Aug 69
ADIPOSE TISSUE, cytology/ *ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ *DROSOPHILA, physiology/ *ENDOCRINE GLANDS, physiology/ ENDOCRINE GLANDS, transplantation/ *GLYCOGEN, metabolism/ *INVERTEBRATE HORMONES, pharmacodynamics/ JUVENILE HORMONE, pharmacodynamics/ *LIPIDS, metabolism/ MALE/ *NEUROSECRETION/ TRANSPLANTATION, HOMOLOGOUS

564. **Buttram VC Jr, Kaufman RH:** Primary dysmenorrhea: combination vs sequential therapy.
Texas Med 65:52-5, Aug 69
ADOLESCENCE/ ADULT/ *CHLORMADINONE, therapeutic use/ COMPARATIVE STUDY/ *DYSMENORRHEA, drug therapy/ FEMALE/ HUMAN/ *MESTRANOL, therapeutic use/ *NORETHINDRONE, therapeutic use/ PLACEBOS

565. **Bygdeman M:** Prostaglandins in human seminal fluid and their correlation to fertility.
Int J Fertil 14:228-31, Jul-Sep 69
*FERTILITY/ HUMAN/ MALE/ *PROSTAGLANDINS, analysis/ *SEMEN, analysis

C

566. **Cacault J, Zilberberg C, Schaefer JP:** Diagnostic radiologique des kystes dermoïdes de l'ovaire.
Sem Hop Paris 45:1114-7, 8 Apr 69 (Fre)
ADOLESCENCE/ CALCINOSIS, radiography/ DERMOID CYST, occurrence/ DERMOID CYST, pathology/ *DERMOID CYST, radiography/ DIAGNOSIS, DIFFERENTIAL/ DYSEMBRYOMA, pathology/ DYSEMBRYOMA, radiography/ FEMALE/ HUMAN/ HYSTEROSALPINGOGRAPHY/ MIDDLE AGE/ OVARIAN CYSTS, occurrence/ OVARIAN CYSTS, pathology/ *OVARIAN CYSTS, radiography/ UROGRAPHY

567. **Cadrobbi P:** Osservazioni cliniche e terapeutiche su 41 casi di mononucleosi infettiva.
G Mal Infett 19:611-5, Sep 67 (Ita)
ADOLESCENCE/ ADULT/ *ANTIBIOTICS, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ *GLUCOCORTICOIDS, therapeutic use/ HUMAN/ INFANT/ *INFECTIOUS MONONUCLEOSIS, diagnosis/ *INFECTIOUS MONONUCLEOSIS, drug therapy/ LEUKOCYTE COUNT/ LYMPHADENITIS, etiology/ MALE/ SPLENOMEGALY, etiology

568. **Cagli V:** Le crisi ipertensive.
Policlinico [Prat] 74:1649-60, 4 Dec 67 (54 ref.) (Ita)
ANTIHYPERTENSIVE AGENTS, therapeutic use/ AUTONOMIC DYSFUNCTION, complications/ BRAIN EDEMA, complications/ CEREBROVASCULAR DISORDERS, complications/ ENGLISH ABSTRACT/ FEMALE/ GLOMERULONEPHRITIS, complications/ HUMAN/ *HYPERTENSION/ HYPERTENSION, complications/ HYPERTENSION, drug therapy/ HYPERTENSION, etiology/ HYPERTENSION, RENAL, complications/ HYPOGLYCEMIA, complications/ LEAD POISONING, complications/ MONOAMINE OXIDASE INHIBITORS, adverse effects/ PERIODIC DISEASE, complications/ PHEOCHROMOCYTOMA, complications/ PORPHYRIA, complications/ PREGNANCY/ PREGNANCY TOXEMIAS, complications/ REVIEW/ SURGERY, OPERATIVE, adverse effects/ TRANQUILIZING AGENTS, therapeutic use/ VASCULAR RESISTANCE/ VASODILATOR AGENTS, therapeutic use

569. **Cagnoni M, Tarquini B, Fantini F, et al:** Ulcera peptica e funzione corticosurrenalica: aspetti nuovi di un vecchio problema.
Arch Ital Mal Appar Dig 35:232-46, 1968 (Ita)
*ADRENAL GLANDS, physiopathology/ CIRCADIAN RHYTHM/ HUMAN/ HYDROCORTISONE, blood/ *PEPTIC ULCER, physiopathology/ PITUITARY-ADRENAL FUNCTION TESTS

570. **Cahn T, Houget J:** Sur l'origine des dépots de glycogène hépatique et musculaire provoqués par la cortisone.
Arch Sci Physiol (Paris) 23:89-108, 1969 (Fre)
ANIMAL EXPERIMENTS/ CARBOHYDRATES, metabolism/ *CORTISONE, pharmacodynamics/ FASTING/ GLUCOSE, metabolism/

*GLYCOGEN, metabolism/ LIPIDS, metabolism/ LIVER, anatomy & histology/ *LIVER, metabolism/ LIVER GLYCOGEN, metabolism/ *MUSCLES, metabolism/ NITROGEN, urine/ ORGAN WEIGHT/ OXYGEN CONSUMPTION/ PROTEINS, metabolism/ RABBITS

571. **Cain H, Kraus B:** Struktur und Funktion des juxtaglomerulären Apparates der Niere unter geordneten Bedingungen.
Deutsch Med Wschr 94:2173-80, 17 Oct 69 (88 ref.) (Ger)
ANGIOTENSIN, secretion/ HUMAN/ HYDROCHLOROTHIAZIDE, therapeutic use/ *JUXTAGLOMERULAR APPARATUS, anatomy & histology/ KIDNEY, physiology/ KIDNEY GLOMERULUS, physiology/ *RENIN, secretion/ REVIEW/ SODIUM, metabolism

572. **Calame A:** L'hématopoièse testiculaire chez l'enfant.
Virchow Arch [Path Anat] 347:225-34, 1969 (Fre)
ABNORMALITIES, physiopathology/ ADOLESCENCE/ AGE FACTORS/ ASPHYXIA NEONATORUM, physiopathology/ BIRTH INJURY, physiopathology/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ HEART DEFECTS, CONGENITAL, physiopathology/ HEMATOLOGIC DISEASES, physiopathology/ *HEMATOPOIESIS/ HEMOPTYSIS, physiopathology/ HUMAN/ INFANT/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, physiopathology/ INFANT, PREMATURE/ INFANT, PREMATURE, DISEASES, physiopathology/ INFECTION, physiopathology/ PNEUMONIA, physiopathology/ STATISTICS/ *TESTIS, physiology

573. **Caletti E, Ristic M, Ferris DH, et al:** Comparison of immulogic properties of a high and low cell culture passage of transmissible gastroenteritis (tge) virus from a single isolant.
Proc US Livestock Sanit Ass 72:361-70, 1968
IMMUNE SERUMS/ SWINE/ TESTIS/ TISSUE CULTURE/ *VERTEBRATE VIRUSES, UNCLASSIFIED, isolation & purification/ *VIRUS CULTIVATION

574. **Callantine MR, Clemens LE, Shih YH:** Displacement of 17 beta-estradiol from the rabbit fallopian tube.
Amer J Physiol 216:1241-5, May 69
ANIMAL EXPERIMENTS/ ANTIMETABOLITES, pharmacodynamics/ CHROMATOGRAPHY/ *ESTRADIOL, metabolism/ ESTROGENS, pharmacodynamics/ *FALLOPIAN TUBES, metabolism/ FEMALE/ INJECTIONS, INTRAVENOUS/ MUSCLE CONTRACTION, drug effects/ PYRROLIDINES, pharmacodynamics/ RABBITS/ TRITIUM

575. **Callantine MR, O'Brien OP, Clemens LE:** Action of an estrogen antagonist on contractility of the fallopian tube. Amer J Physiol 216:1236-40, May 69
ANIMAL EXPERIMENTS/ *ANTIMETABOLITES, pharmacodynamics/ ESTRADIOL, metabolism/ ESTROGENS, metabolism/ *FALLOPIAN TUBES, drug effects/ FEMALE/ INJECTIONS, INTRAVENOUS/ *MUSCLE CONTRACTION, drug effects/ *PYRROLIDINES, pharmacodynamics/ RABBITS/ TRITIUM

576. **Callebaut M:** Partial masculinization of genetic female chickens (Gallus gallus) after incorporation of 3H-thymidine during the period of oogenesis.
Experientia 25:435-6, 15 Apr 69
ANIMAL EXPERIMENTS/ *CHICKENS/ FEMALE/ GENITALIA, FEMALE, pathology/ GERM CELLS/ *OVARY, growth & development/ *THYMIDINE, metabolism/ TRITIUM/ *VIRILISM, etiology

577. **Cameron AH, Robson EB, Wade-Evans T, et al:** Septuplet conception: placental and zygosity studies.
J Obstet Gynaec Brit Comm 76:692-8, Aug 69
ABORTION, MISSED/ ADULT/ *BLOOD GROUPS/ FEMALE/ FERTILIZATION/ FETAL DEATH/ *GENOTYPE/ GONADOTROPINS, PITUITARY, therapeutic use/ HUMAN/ INFANT, NEWBORN/ MALE/ OVUM/ *PLACENTA, enzymology/ PLACENTA, pathology/ PREGNANCY/ *PREGNANCY, MULTIPLE/ STERILITY, FEMALE, drug therapy

578. **Campaigne E, Maickel RP, Miller FP, et al:** Studies on the sulfur analog of serotonin (SAS).
Arch Int Pharmacodyn 177:360-4, Feb 69
ANIMAL EXPERIMENTS/ *CENTRAL NERVOUS SYSTEM, drug effects/ ELECTROENCEPHALOGRAPHY/ MALE/ MICE/ RATS/ *SEROTONIN, pharmacodynamics/ SEROTONIN, toxicity/ *SULFUR, pharmacodynamics

579. **Campailla G:** Reazioni psicopatologiche dei plus dotati.
Riv Sper Freniat 91:1695-704, 31 Dec 67 (Ita)
AFFECTIVE DISTURBANCES/ AGGRESSION/ CHILD/ *CHILD, GIFTED/ HUMAN/ INTELLIGENCE TESTS/ *MENTAL DISORDERS, etiology/ PUBERTY

580. **Campanacci D, Magnani B:** Hypertension arterielle et hypokaliemie. Considerations diagnostiques et thérapeutiques.
Cah Coll Med Hop Paris 8:529-38, 15 Jun 67 (Fre)
ADRENAL GLAND NEOPLASMS, complications/ HEART ENLARGEMENT, complications/ HUMAN/ HYPERALDOSTERONISM, complications/ *HYPERTENSION, complications/ *HYPERTENSION, RENAL, complications/ *HYPOKALEMIA, complications/ KIDNEY DISEASES, complications/ WATER-ELECTROLYTE BALANCE

581. **Campanacci L, Patrese P, Romagnoli GF, et al:** La nefropatia secondaria ad irradiazione.
Folia Med (Napoli) 51:905-33, 12 Dec 68 (Ita)
ADULT/ COBALT ISOTOPES, adverse effects/ DISGERMINOMA, radiotherapy/ ENGLISH ABSTRACT/ HUMAN/ HYPERTENSION, RENAL, etiology/ *KIDNEY DISEASES, etiology/ MALE/ MIDDLE AGE/ NEOPLASMS, radiotherapy/ NEPHRITIS, etiology/ NEPHROSCLEROSIS, etiology/ NUCLEAR REACTORS/ OCCUPATIONAL DISEASES/ *RADIATION INJURY/ *RADIOTHERAPY, HIGH ENERGY, adverse effects

582. **Campbell DE:** Trend analysis of heart rate deceleration following graded intensities of exercise of two groups of pubescent boys. J Sports Med 9:110-8, Jun 69
ADOLESCENCE/ *EXERTION/ *HEART RATE/ HUMAN/ MALE/ *PUBERTY

583. **Campbell JG, Schilling JA:** Parathyroid adenoma.
J Okla Med Ass 62:363-8, Aug 69
*ADENOMA/ ADULT/ CASE REPORT/ HUMAN/ MALE/ *PARATHYROID NEOPLASMS

584. **Camponovo RL:** Disseminated visceral primary candidiasis. Arizona Med 26:580-3, Jul 69
CANDIDA, isolation & purification/ FEMALE/ HUMAN/ KIDNEY, pathology/ MIDDLE AGE/ *MONILIASIS, pathology/ MUSCLES, pathology/ MYOCARDIUM, pathology/ THYROID GLAND, pathology

585. **Cangiano JL, Kuruvila T, Kastagir B, et al:** Intermittent peritoneal dialysis. A study of medical complications occurring in 16 patients. Ohio Med J 65:681-7, Jul 69
ADULT/ AGED/ CARDIOVASCULAR DISEASES, etiology/ FEMALE/ HUMAN/ HYPERPARATHYROIDISM, etiology/ KIDNEY FAILURE, CHRONIC, therapy/ MALE/ MIDDLE AGE/ PERIPHERAL NERVE DISEASES, etiology/ *PERITONEAL DIALYSIS, adverse effects

586. **Canguilhem B, Petrovic A:** Elimination des corticostéroïdes urinaires par le hamster d'Europe (Cricetus cricetus) surrénalectomisé et porteur d'un homogreffon surrénalien intratesticulaire.
J Physiol (Paris) 60:Suppl 2:353, 1968 (Fre)
*ADRENAL CORTEX HORMONES, urine/ *ADRENAL GLANDS, physiology/ ADRENAL

GLANDS, transplantation/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ HAMSTERS/ MALE/ POTASSIUM, urine/ SEASONS/ SODIUM, urine/ TESTIS, surgery/ TRANSPLANTATION, HOMOLOGOUS

587. **Canivet J, Mantel O, Babinet JP, et al:** L'hypophysectomie dans la rétinopathie diabétique. Presse Med 77:283-6, 15 Feb 69 (Fre)
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ DIABETES MELLITUS, complications/ DIABETES MELLITUS, JUVENILE, complications/ DIABETIC RETINOPATHY, radiotherapy/ *DIABETIC RETINOPATHY, therapy/ ENDOCRINE DISEASES, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPOPHYSECTOMY/ HYPOPHYSECTOMY, adverse effects/ INFANT/ MALE/ MENINGITIS, complications/ MIDDLE AGE/ PROGNOSIS/ STEREOTAXIC TECHNICS/ VISION DISORDERS

588. **Cantrell EG, Templeton AC:** Malignant obliteration of the pericardial cavity, secondary to ovarian cancer. E Afr Med J 46:174-8, Mar 69
ADULT/ FEMALE/ *GRANULOSA CELL TUMOR, pathology/ *HEART NEOPLASMS, pathology/ HUMAN/ NEOPLASM METASTASIS, pathology/ *OVARIAN NEOPLASMS, pathology/ *PERICARDIUM

589. **Cao A:** Nipiofarmacologia degli ormoni tiroidei, dell'ormone tireotropo, degli ormoni della neuro-ipofisi e della serotonina.
Minerva Nipiol 17:238-94, Nov-Dec 67 (999 ref.) (Ita)
CENTRAL NERVOUS SYSTEM, drug effects/ FETUS/ GROWTH, drug effects/ HUMAN/ INFANT/ *INFANT, NEWBORN/ MATERNAL-FETAL EXCHANGE/ *PITUITARY HORMONES, POSTERIOR/ REVIEW/ *SEROTONIN/ SEROTONIN, metabolism/ SEROTONIN, pharmacodynamics/ THYROCALCITONIN, metabolism/ THYROID ANTAGONISTS, pharmacodynamics/ THYROID GLAND, physiology/ THYROID HORMONES, metabolism/ *THYROID HORMONES, pharmacodynamics/ THYROID HORMONES, secretion/ THYROTROPIN, metabolism/ *THYROTROPIN, secretion/ THYROXINE-BINDING PROTEIN, metabolism

590. **Cape CA, Utterback RA:** Treatment of myasthenia gravis with adrenocorticotropic hormone (ACTH): massive short-term and maintenance treatment. J Neurol Neurosurg Psychiat 32:290-6, Aug 69
ADULT/ AGED/ CORTICOTROPIN, administration & dosage/ *CORTICOTROPIN, therapeutic use/ FEMALE/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ MYASTHENIA GRAVIS, classification/ MYASTHENIA GRAVIS, diagnosis/ *MYASTHENIA GRAVIS, drug therapy/ MYASTHENIA GRAVIS, surgery/ THYMECTOMY/ TIME FACTORS

591. **Capra F, Ghidini O, Trivella G:** Betametasone associato a idrossocobalamina nel trattamento delle sindromi nevralgiche. Clin Ter 43:465-74, 15 Dec 67 (Ita)
ADULT/ AGED/ *BETAMETHASONE, therapeutic use/ DRUG SYNERGISM/ *HYDROXOCOBALAMIN, therapeutic use/ MIDDLE AGE/ *NEURALGIA, drug therapy

592. **Carafoli E, Patriarca P, Rossi CS:** A comparative study of the role of mitochondria and the sarcoplasmic reticulum in the uptake and release of Ca++ by the rat diaphragm. J Cell Physiol 74:17-30, Aug 69
ANIMAL EXPERIMENTS/ ANTIMYCIN A, pharmacodynamics/ BIOLOGICAL TRANSPORT/ CAFFEINE, pharmacodynamics/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ CARBON ISOTOPES/ CULTURE MEDIA/ CYANIDES, pharmacodynamics/ DIAPHRAGM, cytology/ DIAPHRAGM, drug effects/ DIAPHRAGM, metabolism/ ERGOTAMINE, pharmacodynamics/ IN VITRO/ *MITOCHONDRIA, metabolism/ *MUSCLES, cytology/ *MUSCLES, metabolism/ OLIGOMYCIN, pharmacodynamics/ OXIDATIVE PHOSPHORYLATION/ RATS/ TEMPERATURE/ TIME FACTORS

593. **Carangelo J, Gagnon RA:** Choriocarcinoma of fallopian tube. Conn Med 33:518-20, Aug 69
ADULT/ *CHORIOCARCINOMA, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ *FALLOPIAN TUBE NEOPLASMS, diagnosis/ FEMALE/ HUMAN/ PREGNANCY/ *PREGNANCY, TUBAL, diagnosis/ RUPTURE, SPONTANEOUS

594. **Caravati CM Jr, Richardson DR, Wood BT, et al:** Cutaneous manifestations of hyperthyroidism. Southern Med J 62:1127-30, Sep 69
ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HAIR/ HUMAN/ HYPERTHYROIDISM, complications/ *HYPERTHYROIDISM, diagnosis/ INFANT/ MALE/ MIDDLE AGE/ NAILS/ PIGMENTATION DISORDERS, etiology/ PRURITUS, etiology/ *SKIN MANIFESTATIONS/ SWEATING

595. **Carballo EC:** Turner syndrome and Noonan's syndrome. J Pediat 75:729-30, Oct 69
*ABNORMALITIES, MULTIPLE/ *DWARFISM/ *EUNUCHISM/ HEART DEFECTS, CONGENITAL, complications/ HUMAN/ HYPOGONADISM, complications/ KARYOTYPING/ MALE/ PHENOTYPE/ *SEX CHROMOSOMES/ *TURNER'S SYNDROME

596. **Cardot J:** Mise en évidence de monoamines dans les fibres nerveuses du coeur des molusques Helix pomatia Linné et Archachatina marginata Swainspon par l'histochimie de fluorescence.
C R Acad Sci [D] (Paris) 269:345-7, 1969 (Fre)
ANIMAL EXPERIMENTS/ *DOPAMINE, analysis/ *HEART CONDUCTION SYSTEM, analysis/ HISTOCYTOCHEMISTRY/ MICROSCOPY, FLUORESCENCE/ SEROTONIN, analysis

597. **Cargill DI, Meli A, Giannina T, et al:** Secretion of ethynylestradiol and its 3-cyclopentyl ether in the milk of lactating rats.
Proc Soc Exp Biol Med 131:1362-5, Sep 69
ANIMAL EXPERIMENTS/ BRAIN, metabolism/ CARBON ISOTOPES/ CHROMATOGRAPHY/ CHROMATOGRAPHY, THIN LAYER/ *ESTRANES, secretion/ *ETHINYL ESTRADIOL, secretion/ FEMALE/ LACTATION/ *MILK, secretion/ RATS/ TRITIUM

598. **Cargill DI, Steinetz BG, Gosnell E, et al:** Fate of ingested radiolabeled ethynylestradiol and its 3-cyclopentyl ether in patients with bile fistulas. J Clin Endocr 29:1051-61, Aug 69
*BILE/ *BILIARY FISTULA, metabolism/ BIOTRANSFORMATION/ CARBON ISOTOPES/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ ESTRANES, analysis/ *ESTRANES, metabolism/ *ESTRANES, urine/ ETHINYL ESTRADIOL, analysis/ *ETHINYL ESTRADIOL, metabolism/ *ETHINYL ESTRADIOL, urine/ FECES, analysis/ FEMALE/ GLUCURONATES, urine/ HUMAN/ MALE/ SULFATES, urine/ TRITIUM

599. **Carino MA, Horita A:** The monoamine oxidase activity of the hamster gastrointestinal tract.
Proc West Pharmacol Soc 11:25-6, 1968
ANIMAL EXPERIMENTS/ *GASTROINTESTINAL SYSTEM, enzymology/ HAMSTERS/ IPRONIAZID, pharmacodynamics/ *MONOAMINE OXIDASE, metabolism/ PHENIPRAZINE, pharmacodynamics/ SEROTONIN, metabolism

600. **Carlborg L, McCormick W, Gemzell C:** Effect of norethisterone acetate with or without ethinyl oestradiol on the sialic acid concentration and sperm receptivity of the cervical mucus.
Acta Endocr (Kobenhavn) 59:636-43, Dec 68
CERVIX MUCUS, analysis/ *CERVIX MUCUS, drug effects/ CONTRACEPTIVES, ORAL, pharmacodynamics/ *ETHINYL ESTRADIOL, pharmacodynamics/ FEMALE/ HUMAN/

MALE/ *NEURAMINIC ACIDS, analysis/ *NORETHINDRONE, pharmacodynamics/ OVULATION, drug effects/ PERIODICITY/ PREGNANEDIOL, urine/ SPERMATOZOA

601. **Carlier B, Favre H, Busset R, et al:** La composition corporelle des hyperthyroïdies (dissection isotopique simultanée de (6 cas)
Rev Franc Etud Clin Biol 14:354-60, Apr 69 (Fre)
ADIPOSE TISSUE, analysis/ *BODY COMPOSITION/ BODY FLUIDS, analysis/ BODY WEIGHT/ BROMINE/ CREATINE, metabolism/ CREATININE, urine/ EMACIATION/ ENGLISH ABSTRACT/ EXTRACELLULAR SPACE, analysis/ FEMALE/ HUMAN/ *HYPERTHYROIDISM/ POTASSIUM, analysis/ POTASSIUM, physiology/ POTASSIUM ISOTOPES/ *RADIOISOTOPE DILUTION TECHNIC/ RADIOISOTOPES/ SODIUM, analysis/ SODIUM ISOTOPES/ TRITIUM/ WATER, analysis

602. **Carlisle DB, Ellis PE:** Bracken and locust ecdysones: their effects on molting in the desert locust.
Science 159:1472-4, 29 Mar 68
ANIMAL EXPERIMENTS/ ECDYSONE, metabolism/ *ECDYSONE, pharmacodynamics/ ENDOCRINE GLANDS, metabolism/ FECES/ *INSECTS, physiology/ INTESTINES, metabolism/ *METAMORPHOSIS, BIOLOGICAL, drug effects/ PLANTS

603. **Carlotti AE, Camitta FD, Connor TB:** Primary hyperparathyroidism with giant cell tumors of the maxilla: report of case. J Oral Surg 27:722-7, Sep 69
CASE REPORT/ FEMALE/ *GIANT CELL TUMORS/ HUMAN/ *HYPERPARATHYROIDISM/ *MAXILLARY NEOPLASMS/ MIDDLE AGE

604. **Carlson LA, Hallberg D, Micheli H:** Quantitative studies on the lipolytic response of human subcutaneous and omental adipose tissue to noradrenaline and theophylline. Acta Med Scand 185:465-9, Jun 69
ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, metabolism/ ADULT/ AGED/ COMPARATIVE STUDY/ FATTY ACIDS, NONESTERIFIED, metabolism/ FEMALE/ GLYCERIN, metabolism/ HUMAN/ IN VITRO/ MALE/ MIDDLE AGE/ *NOREPINEPHRINE, pharmacodynamics/ *THEOPHYLLINE, pharmacodynamics

605. **Carlsson A, Jonason J, Lindqvist M, et al:** Demonstration of extraneuronal 5-hydroxytryptamine accumulation in brain following membrane-pump blockade by chlorimipramine.
Brain Res 12:456-60, Feb 69
ANIMAL EXPERIMENTS/ BRAIN, drug effects/ *BRAIN, metabolism/ DESIPRAMINE, metabolism/ *DIBENZAZEPINES, pharmacodynamics/ DOPAMINE, antagonists & inhibitors/ DOPAMINE, metabolism/ DRUG SYNERGISM/ HISTOCYTOCHEMISTRY/ HYDROXYTRYPTOPHAN, pharmacodynamics/ IMIPRAMINE, metabolism/ MICE/ MICROSCOPY, FLUORESCENCE/ MOTOR ACTIVITY, drug effects/ NIALAMIDE, metabolism/ RATS/ RESERPINE, metabolism/ *SEROTONIN, metabolism/ TIME FACTORS

606. **Carlsson A, Lindqvist M:** Central and peripheral monoaminergic membrane-pump blockade by some addictive analgesics and antihistamines.
J Pharm Pharmacol 21:460-4, Jul 69
*AMINES, metabolism/ *ANALGESICS AND ANTIPYRETICS, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ANTIHISTAMINICS, pharmacodynamics/ *BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ CHLORPHENIRAMINE, pharmacodynamics/ DIPHENHYDRAMINE, pharmacodynamics/ HYDROXYTRYPTOPHAN, pharmacodynamics/ MEPERIDINE, pharmacodynamics/ METHADONE, pharmacodynamics/ MICE/ *NEURONS, drug effects/ NIALAMIDE, pharmacodynamics/ NOREPINEPHRINE, metabolism/ SEROTONIN, metabolism/ TRIPELENNAMINE, pharmacodynamics

607. **Carlsson L, Pliska V, Thorn NA:** Purification and stability of specifically tritium labelled lysine vasopressin (tyrosine2-3-T-lysine8-sopressin).
Experientia 25:749, 1969
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CHROMATOGRAPHY/ LYSINE/ MALE/ METHODS/ RATS/ TIME FACTORS/ TRITIUM/ *VASOPRESSIN, isolation & purification

608. **Carosi L, Zuccato F, Invernizzi P:** Il sistema ipofisi-surrene in asmatici e silicotici. II. Effetti del trattamento con corticosteroidi sintetici.
Folia Med (Napoli) 51:955-63, 12 Dec 68 (Ita)
*ADRENAL CORTEX HORMONES, adverse effects/ *ASTHMA, drug therapy/ ENGLISH ABSTRACT/ HUMAN/ PITUITARY-ADRENAL FUNCTION TESTS/ *PITUITARY-ADRENAL SYSTEM, drug effects/ *SILICOSIS, drug therapy

609. **Carr DH:** Genetic factors in pregnancy wastage.
Med Clin N Amer 53:1039-50, Sep 69
ABNORMALITIES, complications/ ABNORMALITIES, familial & genetic/ ABORTION, familial & genetic/ BLOOD GROUP INCOMPATIBILITY, complications/ BLOOD GROUP INCOMPATIBILITY, familial & genetic/ CHROMOSOME ABNORMALITIES, complications/ CHROMOSOME ABNORMALITIES, etiology/ FEMALE/ *FETAL DEATH, etiology/ *FETAL DEATH, familial & genetic/ GENES/ HUMAN/ HYDATIDIFORM MOLE, complications/ HYDATIDIFORM MOLE, familial & genetic/ INFANT, NEWBORN/ KARYOTYPING/ MALE/ PREGNANCY/ UTERINE NEOPLASMS, complications/ UTERINE NEOPLASMS, familial & genetic

610. **Carr DH:** Chromosomal abnormalities in clinical medicine. Progr Med Genet 6:1-61, 1969 (362 ref.)
ABORTION/ *AUTOSOME ABNORMALITIES/ CHROMOSOME ABERRATIONS/ CHROMOSOMES, HUMAN, 13-15/ CHROMOSOMES, HUMAN, 16-18/ CRYING CAT SYNDROME/ FEMALE/ HUMAN/ KLINEFELTER'S SYNDROME/ MALE/ MENTAL RETARDATION/ MONGOLISM/ MOSAICISM/ NEOPLASMS, pathology/ REVIEW/ SEX CHROMATIN/ SEX CHROMOSOME ABNORMALITIES/ TRISOMY/ TURNER'S SYNDROME

611. **Carr LA, Moore KE:** Distribution and metabolism of norepinephrine after its administration into the cerebroventricular system of the cat.
Biochem Pharmacol 18:1907-18, Aug 69
ANESTHESIA/ ANIMAL EXPERIMENTS/ *BRAIN CHEMISTRY/ BRAIN STEM, metabolism/ CATS/ CAUDATE NUCLEUS, metabolism/ CEREBELLUM, metabolism/ CEREBRAL CORTEX, metabolism/ *CEREBRAL VENTRICLES, metabolism/ CHROMATOGRAPHY/ DOPAMINE, analysis/ FEMALE/ HIPPOCAMPUS, metabolism/ HYPOTHALAMUS, metabolism/ MALE/ METHOXYFLURANE, pharmacodynamics/ *NOREPINEPHRINE, metabolism/ NORMETANEPHRINE, metabolism/ PENTOBARBITAL, pharmacodynamics/ PHENIPRAZINE, pharmacodynamics/ RESERPINE, pharmacodynamics/ TRITIUM/ URETHANE, pharmacodynamics

612. **Carranza FA:** Periodontotrauma (trauma oclusal). A. Patología Periodóntica. Revisión de la literatura.
An Esp Odontoestomat 28:293-304, Jul-Aug 69 (49 ref.) (Spa)
DENTAL CEMENTUM/ *DENTAL OCCLUSION, TRAUMATIC/ DENTAL OCCLUSION, TRAUMATIC, complications/ HUMAN/ MANDIBULAR FRACTURES, etiology/ OSTEOPOROSIS, etiology/ PERIODONTAL DISEASES, etiology/ REVIEW/ TOOTH RESORPTION, etiology

613. **Cartier P:** Le métabolisme aérobie et la minéralisation du tissu osseux.
Bull Soc Chim Biol (Paris) 50:1819-32, 30 Jan 69 (Fre)

ADENOSINE TRIPHOSPHATE, metabolism/ AGING/ ANIMAL EXPERIMENTS/ *BONE AND BONES, metabolism/ *CALCIFICATION, PHYSIOLOGIC/ CALCIUM ISOTOPES/ CALCIUM PHOSPHATES, metabolism/ CARBON ISOTOPES/ CHROMATOGRAPHY, ION EXCHANGE/ DNA, biosynthesis/ EDTA, pharmacodynamics/ ENGLISH ABSTRACT/ GLUCOSE, metabolism/ GLYCOLYSIS/ GLYCOSIDE HYDROLASES, metabolism/ KINETICS/ LACTATES, biosynthesis/ *OXYGEN, pharmacodynamics/ OXYGEN CONSUMPTION/ PARIETAL BONE, metabolism/ PHOSPHATES, metabolism/ PHOSPHORUS ISOTOPES/ RATS

614. **Cartlidge NE, Hudgson P:** Inappropriate lactation.
Brit Med J 3:529-30, 30 Aug 69
ADULT/ DYSMENORRHEA, drug therapy/ *ETHYNODIOL DIACETATE, adverse effects/ FEMALE/ HUMAN/ *LACTATION DISORDERS, etiology/ *MESTRANOL, adverse effects

615. **Cartouzou G, Poirée JC, Lissitzky S:** Rapidly-labelled ribonucleic acid-protein complexes of the thyroid tissue. Europ J Biochem 8:357-69, Apr 69
ANIMAL EXPERIMENTS/ CELL NUCLEUS, analysis/ CENTRIFUGATION, DENSITY GRADIENT/ CYTOPLASM, analysis/ EDTA/ IN VITRO/ METHODS/ *NUCLEOPROTEINS, analysis/ PHOSPHORUS ISOTOPES/ RIBOSOMES, analysis/ *RNA, analysis/ RNA, BACTERIAL, analysis/ SHEEP/ THYROID GLAND, analysis/ TRITIUM

616. **Castellino FJ, Barker R:** The effect of guanidinium, carbamoylguanidinium, and guanylguanidinium salts on the solubility of benzoyl-L-tyrosine ethyl ester and acetyltetraglycine ethyl ester in water.
Biochemistry (Wash) 8:3439-42, Aug 69
*AMIDES/ BROMIDES/ CARBAMATES/ CARBON ISOTOPES/ CHEMISTRY/ CHLORIDES/ ESTERS/ *GUANIDINES/ GUANINE/ IODIDES/ *PEPTIDES/ *PROTEIN DENATURATION/ SOLUBILITY/ THIOCYANATES/ TYROSINE/ UREA/ WATER

617. **Castro JE, Griffiths HJ, Edwards DE, et al:** A controlled clinical trial of aldactone-A in the treatment of benign prostatic hyperplasia. Brit J Surg 56:632, Aug 69
CLINICAL RESEARCH/ HUMAN/ MALE/ PLACEBOS/ *PROSTATIC HYPERTROPHY, drug therapy/ *SPIRONOLACTONE, therapeutic use/ URINATION DISORDERS, drug therapy

618. **Catayée G, Senelar R, Poli A, et al:** A propos de l'activité histo-enzymatique thymique du rat normal et soumis à l'action des corticoïdes.
C R Acad Sci [D] (Paris) 268:2704-6, 2 Jun 69 **(Fre)**
ACETATES, pharmacodynamics/ ACID PHOSPHATASE, metabolism/ ADENOSINE TRIPHOSPHATE, metabolism/ ALKALINE PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ *CORTISONE, pharmacodynamics/ NUCLEOTIDASES, metabolism/ RATS/ RETICULOCYTES, drug effects/ STIMULATION, CHEMICAL/ THYMUS GLAND, cytology/ THYMUS GLAND, drug effects/ *THYMUS GLAND, enzymology

619. **Catz B, Perzik SL:** Total thyroidectomy in the management of thyrotoxic and euthyroid Graves' disease. Amer J Surg 118:434-9, Sep 69
ADOLESCENCE/ ADULT/ FEMALE/ *GOITER, EXOPHTHALMIC, surgery/ HUMAN/ *HYPERTHYROIDISM, surgery/ HYPOTHYROIDISM, prevention & control/ IODINE ISOTOPES, administration & dosage/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ THYROID ANTAGONISTS, administration & dosage/ *THYROIDECTOMY

620. **Causse J, Bel J, Michaux P, et al:** Chirurgie des otites fibro-adhésives: "le teflon mince".
Ann Otolaryng (Paris) 86:231-46, Apr-May 69 **(Fre)**
ADRENAL CORTEX HORMONES, administration & dosage/ AUDIOMETRY/ CHYMOTRYPSIN, administration & dosage/ FEMALE/ *FLUOROCARBON POLYMERS/ HUMAN/ HYDROCORTISONE, administration & dosage/ MALE/ METHODS/ OTITIS MEDIA, diagnosis/ OTITIS MEDIA, physiopathology/ *OTITIS MEDIA, surgery/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS/ *PROSTHESIS

621. **Cavagna GA, Dusman B, Margaria R:** Rendement du travail moteur accompli immédiatement après l'allongement du muscle contracté.
J Physiol (Paris) 60:Suppl 2:414, 1968 **(Fre)**
ANIMAL EXPERIMENTS/ COLORIMETRY/ *EXERTION/ FROGS/ *MOTOR ACTIVITY/ *MUSCLE CONTRACTION/ TETANY

622. **Cavallaro AG:** Sarcoid of e external ear.
Arch Otolaryng (Chicago) 90:293-5, Sep 69
AGED/ CORTISONE, administration & dosage/ EAR DISEASES, drug therapy/ *EAR DISEASES, pathology/ *EAR, EXTERNAL, pathology/ FEMALE/ GRANULOMA, pathology/ HUMAN/ INJECTIONS/ PREDNISOLONE, administration & dosage/ SARCOIDOSIS, drug therapy/ *SARCOIDOSIS, pathology

623. **Cave MD, Allen ER:** Extra-chromosomal DNA in early stages of oogenesis in Acheta domesticus.
J Cell Sci 4:593-609, May 69
ANIMAL EXPERIMENTS/ *CELL NUCLEUS, analysis/ CHROMOSOMES/ *DNA, analysis/ FEMALE/ HISTOCYTOCHEMISTRY/ INSECTS, cytology/ MEIOSIS/ MICROSCOPY, ELECTRON/ OVARY, cytology/ *OVUM, analysis/ OVUM, growth & development/ RNA, analysis

624. **Cavina G, Giocoli G, Sardini D:** Thin-layer chromatographic separation of urinary aldosterone for determination with the tetrazolium blue reaction.
Steroids 14:315-25, Sep 69
*ALDOSTERONE, urine/ CHROMATOGRAPHY/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ COLORIMETRY/ FLUOROMETRY/ METHODS/ RADIOMETRY/ TETRAZOLIUM SALTS

625. **Cavina G, Giocoli G:** Determinazione del contenuto in aldosterone negli estratti corticali per uso farmaceutico mediante cromatografia in strato sottile. Ann Ist Sup Sanit 4:101-2, 1968 **(Ita)**
*ADRENAL GLANDS, analysis/ *ALDOSTERONE, analysis/ CHEMISTRY, PHARMACEUTICAL/ CHROMATOGRAPHY, THIN LAYER/ *TISSUE EXTRACTS, analysis

626. **Cavina G, Giocoli G:** Isolamento e determinazione dei corticosteroidi da estratti lipidici totali di surrene.
Ann Ist Sup Sanit 4:53-64, 1968 **(Ita)**
*ADRENAL CORTEX HORMONES, analysis/ ADRENAL CORTEX HORMONES, isolation & purification/ *ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ CATTLE/ CHROMATOGRAPHY/ CHROMATOGRAPHY, THIN LAYER/ COLORIMETRY/ ENGLISH ABSTRACT/ IN VITRO/ *LIPIDS, analysis/ SWINE

627. **Cavina G, Moretti G, Sardi de Valverde J:** Separazione quantitativa di estrogeni da soluzioni oleose mediante cromatografia in strato sottile e loro determinazione gas-cromatografica e colorimetrica.
Ann Ist Sup Sanit 4:75-89, 1968 **(Ita)**
ACETIC ACIDS, analysis/ CHEMISTRY, PHARMACEUTICAL/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ COLORIMETRY/ ENGLISH ABSTRACT/ ESTRADIOL/ *ESTROGENS, analysis/ ESTROGENS, isolation & purification/ ETHYL ETHER, analysis/ GELS/ *OILS, analysis/ SILICA/ SOLUTIONS/ SOLVENTS

628. **Ceballos R:** Hypercalcemia of complex etiology: a case report. Alabama J Med Sci 6:315-20, Jul 69
*ADENOMA, complications/ CASE REPORT/ DIET/ HUMAN/ *HYPERCALCEMIA, etiology/ *HYPERPARATHYROIDISM, complications/ *LYMPHOSARCOMA, complications/ MALE/

MIDDLE AGE/ *PARATHYROID NEOPLASMS, complications

629. **Cecchini A:** Le calcificazioni negli adenomi ipofisari.
Minerva Radiol 13:490-5, Oct 68 (Ita)
*ADENOMA, CHROMOPHOBE, pathology/ ADENOMA, CHROMOPHOBE, radiography/ *ADENOMA, EOSINOPHILIC, pathology/ ADENOMA, EOSINOPHILIC, radiography/ ADULT/ AGED/ *CALCINOSIS/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PITUITARY NEOPLASMS, pathology/ PITUITARY NEOPLASMS, radiography

630. **Cehovic G:** Rôle de l'adénosine 3'-5'-monophosphate-cyclique dans la libération de TSH hypophysaire.
C R Acad Sci [D] (Paris) 268:2929-31, 16 Jun 69 (Fre)
*ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ DRUG SYNERGISM/ MICE/ PITUITARY GLAND, drug effects/ *PITUITARY GLAND, secretion/ RATS/ STIMULATION, CHEMICAL/ THEOPHYLLINE, pharmacodynamics/ *THYROTROPIN, secretion

631. **Cekański A, Kokot F:** Badania nad reniną w ciąży powikłanej późnym zatruciemciążowym.
Ginek Pol 40:817-21, Jul 69 (Pol)
ENGLISH ABSTRACT/ FEMALE/ GESTATIONAL AGE/ HUMAN/ PREGNANCY/ *PREGNANCY TOXEMIAS, blood/ *RENIN, blood

632. **Cendrowski W:** Próba leczenia stwardnienia rozsianego środkami immunopresyjnymi.
Neurol Neurochir Pol 3:475-9, Jul-Aug 69 (Pol)
ADULT/ *CHLORAMBUCIL, therapeutic use/ CORTICOTROPIN, therapeutic use/ *CYCLOPHOSPHAMIDE, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *MULTIPLE SCLEROSIS, drug therapy

633. **Centaro A:** Ricerche di biologia fetale in gravidanza e durante il parto.
Riv Ostet Ginec 22:659-96, 10 Oct 67 (Ita)
ACID-BASE EQUILIBRIUM/ ACIDOSIS, etiology/ ANESTHESIA, OBSTETRICAL/ COLPOSCOPY/ ELECTROCARDIOGRAPHY/ ELECTROENCEPHALOGRAPHY/ FEMALE/ *FETAL DISEASES, diagnosis/ FETAL DISEASES, physiopathology/ FETAL HEART, physiology/ GONADOTROPINS, CHORIONIC, urine/ HUMAN/ *LABOR/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ *PREGNANCY, PROLONGED

634. **Cerasi E, Effendic S, Luft R:** Role of adrenergic receptors in glucose-induced insulin secretion in man.
Lancet 2:301-2, 9 Aug 69
ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ ADENYL CYCLASE, metabolism/ ADULT/ AMINOPHYLLINE, pharmacodynamics/ *GLUCOSE, diagnostic use/ HUMAN/ *INSULIN, secretion/ METHODS/ PHENTOLAMINE, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ SYMPATHOLYTICS, antagonists & inhibitors/ *SYMPATHOLYTICS, pharmacodynamics

635. **Ceresa F, Angeli A, Boccuzzi G, et al:** Once-a-day neurally stimulated and basal ACTH secretion phases in man and their response to corticoid inhibition.
J Clin Endocr 29:1074-82, Aug 69
ADOLESCENCE/ ADULT/ *CIRCADIAN RHYTHM/ *CORTICOTROPIN, secretion/ DEPRESSION, CHEMICAL/ FEMALE/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, urine/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ MALE/ *METHYLPREDNISOLONE, pharmacodynamics/ NERVOUS SYSTEM, physiology/ *PITUITARY GLAND, secretion/ SLEEP, REM

636. **Ceriani RL:** Synthesis of casein-like material by rat mammary gland anlagen under hormonal stimulation in vitro. J Endocr 44:457-8, Jul 69
ALDOSTERONE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *CASEIN, biosynthesis/ DRUG SYNERGISM/ IN VITRO/ INSULIN, pharmacodynamics/ *MAMMAE, embryology/ *MAMMAE, metabolism/ PHOSPHORUS ISOTOPES/ PROLACTIN, pharmacodynamics/ RATS

637. **Cession G:** Physiologie, biologie et pharmacologie des hormones sexuelles.
Rev Med Liege 22:220-7, 15 Apr 67 (Fre)
ADULT/ ESTROGENS, pharmacodynamics/ *ESTROGENS, physiology/ FEMALE/ HUMAN/ *MENSTRUATION/ PROGESTERONE, pharmacodynamics

638. **Cession-Fossion A, Vandermeulen R, Lecomte J:** Catécholaminémie du rat anesthésié.
Arch Int Physiol 76:806-12, Dec 68 (Fre)
ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ CAROTID ARTERIES/ *EPINEPHRINE, blood/ FEMALE/ MALE/ *NOREPINEPHRINE, blood/ *PENTOBARBITAL, pharmacodynamics/ RATS

639. **Chalnot P, Richon J, Brunel G, et al:** Tumeur évolutive ovarienne au cours de la grossesse. Difficulté du diagnostic clinique et histologique.
Bull Fed Gynec Obstet Franc 19:148-50, Apr-May 67 (Fre)
FEMALE/ HUMAN/ *OVARIAN NEOPLASMS, pathology/ PREGNANCY/ *PREGNANCY COMPLICATIONS

640. **Chambers DA, Zubay G:** The stimulatory effect of cyclic adenosine 3'5'-monophosphate on DNA-directed synthesis of beta-galactosidase in a cell-free system.
Proc Nat Acad Sci USA 63:118-22, May 69
*ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ CARBON ISOTOPES/ CELL-FREE SYSTEM/ *DNA, BACTERIAL/ ESCHERICHIA COLI/ *GALACTOSIDASE, biosynthesis/ GENES, SUPPRESSOR/ LEUCINE, metabolism/ METHODS/ OPERON

641. **Champigny O, Hentz E:** Effets de l'oestradiol sur les niveaux d'ingestion de la ratta castrée en alimentation séparée. Arch Sci Physiol (Paris) 23:121-33, 1969 (Fre)
ANIMAL EXPERIMENTS/ APPETITE, drug effects/ BODY WEIGHT/ CASTRATION/ DIET/ DIETARY CARBOHYDRATES, metabolism/ DIETARY FATS, metabolism/ DIETARY PROTEINS, metabolism/ ESTRADIOL, administration & dosage/ *ESTRADIOL, pharmacodynamics/ *FEEDING BEHAVIOR, drug effects/ FEMALE/ NITROGEN, metabolism/ RATS/ TIME FACTORS/ VITAMINS, metabolism

642. **Chan KC, Teo LE:** A new phytochemical survey of Malaya. II. Chemical screening.
Chem Pharm Bull (Tokyo) 17:1284-9, Jun 69
*ALKALOIDS, analysis/ MALAYSIA/ PLANTS, analysis/ *SAPONINS, analysis/ *STEROIDS, analysis/ TERPENES

643. **Chan LT, Schaal SM, Saffran M:** Properties of the corticotrophin-releasing factor of the rat median eminence. Endocrinology 85:644-51, Oct 69
ACETONE/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, THIN LAYER/ CORTICOTROPIN, secretion/ *CORTICOTROPIN RELEASING FACTOR, isolation & purification/ CYSTEINE/ DEAE-CELLULOSE/ ELECTROPHORESIS/ FEMALE/ FREEZE DRYING/ GEL FILTRATION/ HYDROCHLORIC ACID/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ *HYPOTHALAMUS, analysis/ IN VITRO/ MALE/ METHYLCELLULOSE/ PEPSIN/ RATS/ THIOGLYCOLATES/ TISSUE EXTRACTS

644. **Chanial G, Haour P, Colin L:** Urocytogramme et acné chez la femme. Rôle des androgènes.
Bull Soc Franc Derm Syph 76:124-5, 1969 (Fre)

*ACNE, etiology/ ADOLESCENCE/ ADULT/ *ANDROGENS, metabolism/ CYTODIAGNOSIS/ FEMALE/ HUMAN/ *MENSTRUATION DISORDERS, complications/ MENSTRUATION DISORDERS, metabolism/ *UROGRAPHY

645. **Chanial G, Villedieu P, Olivier L:** Oestro-progestatifs et dermatologie.
Bull Soc Franc Derm Syph 76:125-30, 1969 **(Fre)**
ACNE, chemically induced/ *ACNE, drug therapy/ ADOLESCENCE/ ADULT/ ALOPECIA, chemically induced/ ALOPECIA, drug therapy/ CONTRACEPTIVES, ORAL, adverse effects/ ESTROGENS, adverse effects/ *ESTROGENS, therapeutic use/ FEMALE/ *GYNECOLOGIC DISEASES, drug therapy/ HUMAN/ *HYPERSENSITIVITY, drug therapy/ HYPERTRICHOSIS, chemically induced/ PIGMENTATION DISORDERS, chemically induced/ PREGNANCY/ PROGESTATIONAL HORMONES, adverse effects/ *PROGESTATIONAL HORMONES, therapeutic use/ SEBORRHEA, chemically induced/ *SEBORRHEA, drug therapy

646. **Chapman NB, Scrowston RM, Westwood R:** Pharmacologically active benzo[b]thiophen derivatives. 8. Benzo[b]thiophen analogues of tryptophan and alpha-methyltryptophan, and some of their 5-substituted derivatives.
J Chem Soc [Org] 14:1855-8, 1969
CHEMISTRY/ SEROTONIN, antagonists & inhibitors/ *THIOPHENES, chem synthesis/ THIOPHENES, pharmacodynamics/ *TRYPTOPHAN

647. **Chapuy P, Vignon G, Pansu D:** L'ostéomalacie.
Rev Lyon Med 16:509-27, Jul-Aug 67 **(Fre)**
CALCIUM ISOTOPES/ CALCIUM METABOLISM DISORDERS, complications/ ENGLISH ABSTRACT/ HUMAN/ *OSTEOMALACIA/ OSTEOMALACIA, etiology/ OSTEOMALACIA, pathology/ PHOSPHORUS METABOLISM DISORDERS, complications/ VITAMIN D DEFICIENCY, complications

648. **Charlier JP, Petrovic A, Herrmann J:** Déterminisme de la croissance mandibulaire: effets de l'hyperpropulsion et de l'hormone somatotrope sur la croissance condylienne de jeunes rats.
Orthodont Franc 39:567-79, 1968 **(Fre)**
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *MANDIBULAR CONDYLE, growth & development/ RATS/ *SOMATOTROPIN, pharmacodynamics

649. **Charnot Y, Martin Y, Pérès G:** L'influence de la castration sur l'absorption intestinale et le transport sanguin du silicium chez le rat.
C R Soc Biol (Paris) 162:2129-31, 1968 **(Fre)**
AGING/ ANIMAL EXPERIMENTS/ CASTRATION/ FEMALE/ *INTESTINAL ABSORPTION/ MALE/ *OVARY, physiology/ RATS/ SILICON, blood/ SILICON, metabolism/ *SILICON, metabolism/ SODIUM/ *TESTIS, physiology

650. **Charpin J, Boutin C, Court E, et al:** Bilan d'une corticothérapie au long cours par la méthylprednisolone retard chez cent ulcéreux gastriques. Sem Hop Paris 45:2039-44, 20 Jun 69 **(Fre)**
AGED/ ASTHMA, drug therapy/ BRONCHIAL NEOPLASMS, drug therapy/ BRONCHITIS, drug therapy/ COMPARATIVE STUDY/ *DUODENAL ULCER, drug therapy/ FEMALE/ HUMAN/ INJECTIONS, INTRAMUSCULAR/ LONG TERM CARE/ MALE/ *METHYLPREDNISOLONE, administration & dosage/ METHYLPREDNISOLONE, adverse effects/ METHYLPREDNISOLONE, pharmacodynamics/ MIDDLE AGE/ *PEPTIC ULCER, drug therapy/ PNEUMONIA, drug therapy/ PREDNISOLONE, therapeutic use/ TUBERCULOSIS, PULMONARY, drug therapy

651. **Charto-Garofalidis G, Matsoukas J, Rigopoulos C:** Toxopachyostéose diaphysaire tibio-péronière chez une enfant de 7 ans.
Presse Med 76:2434, 25 Dec 68 **(Fre)**
*BONE DISEASES/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ *DWARFISM, etiology/ FEMALE/ FEMUR, abnormalities/ FEMUR, radiography/ *FIBULA, abnormalities/ FIBULA, radiography/ HUMAN/ RICKETS, diagnosis/ *TIBIA, abnormalities/ TIBIA, radiography

652. **Chatterjee SC, Dass B:** An experimental study on hydrocortisone in cobra envenomation.
J Indian Med Ass 52:493-5, 1 Jun 69
ANIMAL EXPERIMENTS/ ANTIVENINS, therapeutic use/ FEMALE/ *HYDROCORTISONE, therapeutic use/ MALE/ MICE/ *SNAKE BITES, drug therapy

653. **Chatterjee SN:** Auto-immunity and Hashimoto's thyroiditis. J Indian Med Ass 52:64-7, 16 Jan 69 (26 ref.)
*AUTOIMMUNE DISEASES/ HUMAN/ REVIEW/ THYMUS HYPERPLASIA/ THYROIDITIS, immunology/ *THYROIDITIS, LYMPHOMATOUS, immunology

654. **Chatterji P, Verma SM, Mathur JS:** Scleroma of the antrum and ethmoid. J Laryng 83:917-23, Sep 69
ADULT/ DEXAMETHASONE, therapeutic use/ *ETHMOID SINUS, pathology/ ETHMOID SINUS, radiography/ ETHMOID SINUS, surgery/ HUMAN/ MALE/ *MAXILLARY SINUS, pathology/ MAXILLARY SINUS, radiography/ MAXILLARY SINUS, surgery/ NEOPLASM RECURRENCE, LOCAL/ RHINOSCLEROMA, drug therapy/ *RHINOSCLEROMA, pathology/ RHINOSCLEROMA, surgery/ TETRACYCLINE, therapeutic use

655. **Cheah JS, Tan BY, Goh EH, et al:** Lingual thyroid: report of a case and review of the literature.
Med J Aust 2:403-6, 23 Aug 69
ADULT/ FEMALE/ HUMAN/ MOUTH MUCOSA, pathology/ RADIOISOTOPE SCANNING/ *THYROID GLAND, abnormalities/ THYROID GLAND, pathology/ *TONGUE, abnormalities

656. **Cheever EV, Seavey BK, Lewis UJ:** Prolactin of normal and dwarf mice. Endocrinology 85:698-703, Oct 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CROP, AVIAN, drug effects/ DIALYSIS/ *DWARFISM, veterinary/ *ELECTROPHORESIS/ ELECTROPHORESIS, DISK/ FEMALE/ MALE/ *MICE/ MOLECULAR WEIGHT/ PIGEONS/ *PITUITARY GLAND, analysis/ *PROLACTIN, analysis/ PROLACTIN, isolation & purification/ *RODENT DISEASES/ *SERUM ALBUMIN, analysis

657. **Chef R:** Variation de la teneur en calcium et en phosphore du foetus de rat en fonction de l'âge de la gestation. C R Soc Biol (Paris) 163:215-8, 1969 **(Fre)**
AGING/ ANIMAL EXPERIMENTS/ AUTOANALYSIS/ *CALCIUM, metabolism/ *FETUS, metabolism/ GESTATIONAL AGE/ *PHOSPHORUS, metabolism/ PREGNANCY/ RATS/ SPECTROPHOTOMETRY

658. **Chen C, Osuch MV:** Biosynthesis of bufadienolides--3-beta-hydroxycholanates as precursors in Bufo marinus bufadienolides synthesis.
Biochem Pharmacol 18:1797-802, Aug 69
ANIMAL EXPERIMENTS/ *BUFANOLIDES, biosynthesis/ CARBON ISOTOPES/ CHEMISTRY/ *CHOLANES, metabolism/ CHOLESTEROL, metabolism/ FEMALE/ PREGNENOLONE, metabolism/ *TOADS, metabolism/ TRITIUM/ VENOMS, analysis

659. **Chen FW:** Study of possible factors inducing hypothyroidism after I-131 treatment in hyperthyroidism.
J Formosan Med Ass 68:63-79, 28 Feb 69
ADULT/ AGE FACTORS/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, radiotherapy/ *HYPOTHYROIDISM, etiology/ *IODINE ISOTOPES, therapeutic use/ MALE/ MIDDLE AGE/ RADIOTHERAPY DOSAGE/ SEX FACTORS/ THYROID GLAND FUNCTION TESTS

660. **Chen RF**: Fluorescent protein-dye conjugates. II. Gamma globulin conjugated with various dyes.
Arch Biochem 133:263-76, Sep 69
AMINES/ ANTHRACENES/ CATTLE/ CHEMISTRY/ *DYES/ ELECTROCHEMISTRY/ FLUORESCEINS/ FLUORESCENCE/ *FLUORESCENT DYES/ FLUOROMETRY/ *GAMMA GLOBULIN/ *GAMMA GLOBULIN, 7S/ GOATS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ NAPHTHALENES/ *PROTEINS/ SPECTROPHOTOMETRY/ STEREOISOMERS/ STILBENES/ SULFONIC ACIDS/ THIOCYANATES/ TIME FACTORS

661. **Cheremisinov GA**: Gistofunktsional'nye izmeneniia v shchitovidnoĭ zheleze korov v zavisimosti ot ikh polovoĭ funktsii. Veterinariia 44:88-90, Feb 67 (Rus)
CATTLE/ *CATTLE/ FEMALE/ HISTOCYTOCHEMISTRY/ *SEX BEHAVIOR, ANIMAL/ *THYROID GLAND, metabolism

662. **Cherington M, Ott JE, Robinson A**: Cornelia de Lange syndrome in an adult male.
Neurology (Minneap) 19:879-84, Sep 69
ABNORMALITIES, MULTIPLE, etiology/ ABNORMALITIES, MULTIPLE, familial & genetic/ ABNORMALITIES, MULTIPLE, radiography/ ADULT/ *CHROMOSOME ABERRATIONS/ *CHROMOSOMES, HUMAN, 13-15/ DERMATOGLYPHICS/ DWARFISM, etiology/ *DWARFISM, familial & genetic/ DWARFISM, radiography/ HIRSUTISM, etiology/ HIRSUTISM, familial & genetic/ HIRSUTISM, radiography/ HUMAN/ INTELLIGENCE TESTS/ MALE/ MENTAL RETARDATION, etiology/ MENTAL RETARDATION, familial & genetic/ MENTAL RETARDATION, radiography/ PEDIGREE

663. **Cherniavskaia MA, Segal' GM, Torgov IV**: O steroid-spetsifichnykh degidrogenaznykh sistemakh platsenty cheloveka.
Biokhimiia 34:356-8, Mar-Apr 69 (Rus)
CENTRIFUGATION/ ENGLISH ABSTRACT/ ESTRADIOL, metabolism/ ESTRONE, biosynthesis/ FEMALE/ HUMAN/ HYDROXYSTEROID DEHYDROGENASE, isolation & purification/ *HYDROXYSTEROID DEHYDROGENASE, metabolism/ NAD/ NADP/ *PLACENTA, enzymology/ PREGNANCY/ PREGNANES, biosynthesis/ PREGNENOLONE, metabolism/ PROGESTERONE, biosynthesis

664. **Chernozemski IN, Khistov KTs**: Rannie morfologiceskie izmeneniia shchiovidnoĭ zhelezy, transplantirovannoĭ v zashchechnyĭ meshok zolotistogo khomiaka.
Probl Endokr (Moskva) 15:77-83, Jan-Feb 69 (Rus)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ HAMSTERS/ IMMUNE TOLERANCE/ *THYROID GLAND, pathology/ *THYROID GLAND, transplantation/ TIME FACTORS/ TRANSPLANTATION, AUTOLOGOUS/ TRANSPLANTATION, HETEROLOGOUS

665. **Chesney TM, Schofield JG**: Studies on the secretion of pancreatic glucagon. Diabetes 18:627-32, Sep 69
ADENOSINE CYCLIC 3',5'-PHOSPHATE, physiology/ AMINO ACIDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ CATTLE/ GLUCAGON, blood/ *GLUCAGON, secretion/ GLUCOSE, pharmacodynamics/ GUINEA PIGS/ IMMUNE SERUMS/ IODINE ISOTOPES/ *ISLANDS OF LANGERHANS, secretion/ OUABAIN, pharmacodynamics/ RADIOIMMUNOASSAY/ SECRETORY RATE, drug effects/ SWINE/ SYMPATHOMIMETICS, pharmacodynamics/ THEOPHYLLINE, pharmacodynamics/ TOLBUTAMIDE, pharmacodynamics

666. **Chestukhin AV, Novikova MA**: Vliianie kortizona na sintez nukleinovykh kislot u zarodysheĭ morskogo ezha. Biokhimiia 34:242-8, Mar-Apr 69 (Rus)
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ *CORTISONE, pharmacodynamics/ CYTOSINE, biosynthesis/ DEPRESSION, CHEMICAL/ *DNA, biosynthesis/ ECHINODERMATA/ EMBRYO, drug effects/ EMBRYO, growth & development/ *EMBRYO, metabolism/ ENGLISH ABSTRACT/ *RNA, MESSENGER, biosynthesis/ THYMINE, metabolism/ URIDINE, metabolism

667. **Cheung TS**: The environmental and hormonal control of growth and reproduction in the adult female stone crab, Menippe mercenaria (Say).
Biol Bull 136:327-46, Jun 69
ANIMAL EXPERIMENTS/ CRUSTACEA/ ENVIRONMENT/ EYE/ FEMALE/ *GROWTH/ HORMONES/ METHODS/ *REPRODUCTION/ TEMPERATURE/ VISION

668. **Chez RA, Hutchinson DL**: The use of experimental surgical techniques in the pregnant Macaca mulatta.
Ann NY Acad Sci 162:249-53, 3 Jul 69
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ BLOOD SPECIMEN COLLECTION/ BODY FLUIDS/ CATHETERIZATION/ FEMALE/ *FETUS, surgery/ HYPOPHYSECTOMY/ *MATERNAL-FETAL EXCHANGE/ METHODS/ *MONKEYS/ RADIOISOTOPES

669. **Chhetri MK, Neelakantan C, Chakraborty N**: Indomethacin therapy in rheumatic disorders.
J Indian Med Ass 52:72-6, 16 Jan 69
ADOLESCENCE/ ADULT/ AGED/ ARTHRITIS, RHEUMATOID, drug therapy/ CHILD/ *COLLAGEN DISEASES, drug therapy/ DIABETES MELLITUS, complications/ FEMALE/ FOLLOW-UP STUDIES/ GOUT, drug therapy/ HUMAN/ *INDOMETHACIN, therapeutic use/ MALE/ MIDDLE AGE/ MYXEDEMA, complications/ *RHEUMATISM, drug therapy

670. **Chibon P, Brugal G**: Etude autoradiographique de l'action de la température et de la thyroxine sur la durée des cycles mitotiques dans l'embryon âgé et la jeune larve de Pleurodeles waltlii Michah (Amphibien Urodèle)
C R Acad Sci [D] (Paris) 269:70-3, 7 Jul 69 (Fre)
ANIMAL EXPERIMENTS/ EPITHELIUM, cytology/ *MITOSIS, drug effects/ RADIOAUTOGRAPHY/ *SALAMANDERS, embryology/ STOMACH, cytology/ *TEMPERATURE/ THYMIDINE, metabolism/ *THYROXINE, pharmacodynamics/ TIME FACTORS/ TRITIUM

671. **Chiche P, Chekler P, Ribadeau-Dumas JL, et al**: Antilipémiques et athérosclérose.
Coeur Med Intern 6:235-43, Apr 67 (Fre)
ADULT/ AGED/ ANTILIPEMIC AGENTS, therapeutic use/ ARTERIOSCLEROSIS, complications/ *ARTERIOSCLEROSIS, drug therapy/ ARTERITIS, complications/ CEREBROVASCULAR DISORDERS, complications/ CHOLESTEROL, blood/ CORONARY DISEASE, complications/ ELECTROENCEPHALOGRAPHY/ FEMALE/ HUMAN/ *HYPERLIPEMIA, drug therapy/ LIPIDS, blood/ MALE/ MIDDLE AGE/ THYROXINE, pharmacodynamics/ *THYROXINE, therapeutic use

672. **Chicou J, Hetrick G, Le Hir M, et al**: Essai de traitement de la tuberculose pulmonaire par l'association à l'isoniazide d'une diphénylthiourée injectable.
Maroc Med 47:318-34, Apr 67 (Fre)
ADOLESCENCE/ ADULT/ AGED/ DRUG TOLERANCE/ FEMALE/ HUMAN/ INJECTIONS, INTRAMUSCULAR/ *ISONIAZID, administration & dosage/ MALE/ MIDDLE AGE/ MOROCCO/ MYCOBACTERIUM/ STATISTICS/ *THIOUREA, administration & dosage/ *TUBERCULOSIS, PULMONARY, drug therapy/ TUBERCULOSIS, PULMONARY, radiography/ TUBERCULOSIS VACCINES, isolation & purification

673. **Chifan M, Lazăr C, Pencea V, et al**: Tiroidita Hashimoto. (In legătură cu 17 cazuri)
Rev Medicochir Iasi 73:375-80, Apr-Jun 69 (Rum)
ADULT/ CORTISONE, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MIDDLE AGE/ POSTOPERATIVE CARE/ RESERPINE, therapeutic use/ THYROID

HORMONES, therapeutic use/ THYROIDECTOMY/ *THYROIDITIS, LYMPHOMATOUS

674. **Childress D**: Polytene chromosomes and linkage group-chromosome correlations in the Australian sheep blowfly Lucilia cuprina (Diptera: Calliphoridae). Chromosoma 26:208-14, 1969
ANIMAL EXPERIMENTS/ CHROMOSOME ABERRATIONS/ CHROMOSOME MAPPING/ *CHROMOSOMES/ *DIPTERA/ MITOSIS/ SEX CHROMOSOMES

675. **Chiles DW, Foster RS Jr**: Torsion of the appendix testis in the newborn. Initial report of this disorder in a neonate. Amer J Dis Child 118:652-4, Oct 69
CASE REPORT/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ MALE/ MULLERIAN DUCTS/ SCROTUM/ *TESTICULAR DISEASES/ TESTIS/ TORSION, congenital/ TORSION, diagnosis/ TORSION, surgery/ *UROGENITAL SYSTEM, embryology

676. **Chinn C, Weber LJ**: The blood pressure response to dimethylphenylpiperazinium iodide in the rat. Proc West Pharmacol Soc 11:106-7, 1968
ADRENALECTOMY/ AMMONIUM COMPOUNDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ ATROPINE, pharmacodynamics/ *BLOOD PRESSURE, drug effects/ CARBAMATES, pharmacodynamics/ PILOCARPINE, pharmacodynamics/ PIPERAZINES, antagonists & inhibitors/ *PIPERAZINES, pharmacodynamics/ RATS

677. **Chirkova AM**: O vnutrikostnykh tkanevykh shcheliakh. Arkh Anat 56:91-5, Jan 69 (Rus)
ADOLESCENCE/ ADULT/ AGED/ AGING/ *BONE AND BONES, anatomy & histology/ BONE AND BONES, blood supply/ BONE AND BONES, pathology/ *BONE DEVELOPMENT/ BONE NEOPLASMS, pathology/ CHILD/ CHILD, PRESCHOOL/ FETUS/ FROSTBITE, pathology/ GANGRENE, pathology/ HUMAN/ INFANT/ LEG ULCER, pathology/ MIDDLE AGE/ OSTEOGENESIS/ SARCOMA, pathology/ TIBIA, anatomy & histology/ TIBIA, growth & development

678. **Chirvan-Nia P**: Présence simulatnée de deux formations soudanophiles distinctes dans la zone X surrénalienne de la souris post-partum ayant reçu de la 3:5:3' triiodothyronine.
C R Acad Sci [D] (Paris) 268:3103-6, 23 Jun 69 (Fre)
ADRENAL GLANDS, anatomy & histology/ *ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, pathology/ ANIMAL EXPERIMENTS/ DYES/ FEMALE/ MICE/ ORGAN WEIGHT/ PREGNANCY/ PUERPERIUM/ *TRIIODOTHYRONINE, adverse effects

679. **Chiu KW, Phillips JG, Maderson PF**: Seasonal changes in the thyroid gland in the male cobra, Naja naja L. Biol Bull 136:347-54, Jun 69
ANIMAL EXPERIMENTS/ MALE/ ORGAN WEIGHT/ PERIODICITY/ SEASONS/ SNAKES/ *THYROID GLAND

680. **Chiwata H**: [Studies on the healing process of bone fracture, by means of histochemistry, microradiography and tetracycline labeling]
Odontology (Tokyo) 57:8-39, Jun 69 (Jap)
BONE REGENERATION/ CALCIFICATION, PHYSIOLOGIC/ FRACTURES/ SPECIAL LIST DENTAL/ WOUND HEALING

681. **Chong CY, Linfoot JA, Lawrence JH**: High-energy heavy charged particles in medicine.
Radiol Clin N Amer 7:319-43, Aug 69 (179 ref.)
ACROMEGALY, radiotherapy/ ADULT/ ANIMAL EXPERIMENTS/ BRAIN NEOPLASMS, radiotherapy/ BREAST NEOPLASMS, therapy/ CUSHING'S SYNDROME, radiotherapy/ DIABETIC RETINOPATHY, therapy/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *NEOPLASMS, radiotherapy/ *NUCLEAR MEDICINE/ NUCLEAR PHYSICS/ PITUITARY GLAND IRRADIATION/ RADIOTHERAPY DOSAGE/ *RADIOTHERAPY, HIGH ENERGY/ RADIOTHERAPY, HIGH ENERGY, adverse effects/ REVIEW

682. **Choudary JB, Greenwald GS**: Reversal by gonadotrophins of the luteolytic effect of oestrogen in the cyclic guinea-pig.
J Reprod Fertil 19:503-10, Aug 69
ANIMAL EXPERIMENTS/ CORPUS LUTEUM, anatomy & histology/ *CORPUS LUTEUM, drug effects/ DRUG SYNERGISM/ *ESTROGENS, pharmacodynamics/ ESTRUS/ FEMALE/ FSH, pharmacodynamics/ *GONADOTROPINS, pharmacodynamics/ GUINEA PIGS/ INJECTIONS, SUBCUTANEOUS/ LH, pharmacodynamics/ PROLACTIN, pharmacodynamics

683. **Choudhury RP**: Effects of cholera on the human hypothalamus and hypophysis. II.
J Trop Med Hyg 72:185-92, Aug 69
ADULT/ AXONS/ BASOPHILS, secretion/ CHILD/ CHILD, PRESCHOOL/ *CHOLERA, pathology/ CORTICOTROPIN, secretion/ FEMALE/ HUMAN/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, pathology/ *HYPOTHALAMUS, pathology/ INFANT/ MALE/ MIDDLE AGE/ NEUROSECRETION/ PITUITARY GLAND, anatomy & histology/ *PITUITARY GLAND, pathology/ PITUITARY GLAND, secretion/ PITUITARY GLAND, POSTERIOR, pathology

684. **Choudhury RP**: Endocrines in cholera. Effects of cholera on the human hypothalamus-hypophysis-adrenal apparatus.
J Trop Med Hyg 72:179-84, Aug 69
ADRENAL GLANDS, analysis/ ADRENAL GLANDS, anatomy & histology/ *ADRENAL GLANDS, pathology/ ADRENAL GLANDS, secretion/ ADULT/ CHILD/ CHILD, PRESCHOOL/ *CHOLERA, pathology/ CHOLESTEROL, analysis/ FEMALE/ HISTOCYTOCHEMISTRY/ HUMAN/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiopathology/ MALE/ MIDDLE AGE

685. **Christensen LK, Skovsted L, Hansen JM**: Protein-bound iodine during antithyroid treatment.
Acta Med Scand 185:483-7, Jun 69
ADULT/ BASAL METABOLISM/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, drug therapy/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ MIDDLE AGE/ MYXEDEMA, diagnosis/ PROPYLTHIOURACIL, therapeutic use/ PROTEIN-BOUND IODINE TEST/ *THYROXINE-BINDING PROTEIN, metabolism

686. **Christensen OE**: Un examen radiologique des momies égyptiennes des musées danois.
Sem Hop Paris 45:1990-8, 14 Jun 69 (Fre)
*BONE AND BONES, radiography/ DENMARK/ EGYPT/ *MUMMIES/ SKULL, radiography

687. **Christian RE**: Occlusion of the dorsalis pedis artery in two young women. JAMA 209:1366, 1 Sep 69
ADULT/ *ARTERIES, drug effects/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ *FOOT, blood supply/ HUMAN/ PAIN/ *VASCULAR DISEASES, chemically induced

688. **Christiansen P**: The ventral prostate weight method in hypophysectomized rats for luteinizing hormone. Specificity of the test.
Acta Endocr (Kobenhavn) 59:622-8, Dec 68
ANIMAL EXPERIMENTS/ *BIOLOGICAL ASSAY/ BREAST NEOPLASMS, urine/ CHILD, PRESCHOOL/ FEMALE/ *FSH, pharmacodynamics/ HUMAN/ HYPOPHYSECTOMY/ *LH, analysis/ LH, pharmacodynamics/ LH, urine/ MALE/ METHODS/ MIDDLE AGE/ ORGAN WEIGHT/ *PROSTATE, drug effects/ SHEEP

689. **Christiansen RO, Steensland H, Loyter A, et al**: Energy-linked ion translocation in submitochondrial particles. II. Properties of submitochondrial particles capable of Ca++ translocation.
J Biol Chem 244:4428-36, 25 Aug 69
ADENOSINE TRIPHOSPHATE, metabolism/

ANIMAL EXPERIMENTS/ ANTIGENS/ *BIOLOGICAL TRANSPORT, ACTIVE/ BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ *CALCIUM, metabolism/ CALCIUM, pharmacodynamics/ CALCIUM ISOTOPES/ CATTLE/ CENTRIFUGATION, DENSITY GRADIENT/ DEPRESSION, CHEMICAL/ GAMMA GLOBULIN/ MEMBRANES, metabolism/ MICE/ MICROSCOPY, ELECTRON/ *MITOCHONDRIA, MUSCLE, metabolism/ MYOCARDIUM, cytology/ MYOCARDIUM, metabolism/ NAD, metabolism/ OXIDATIVE PHOSPHORYLATION, drug effects/ OXYGEN CONSUMPTION/ PHOSPHATES, metabolism/ PHOSPHORUS ISOTOPES/ STIMULATION, CHEMICAL/ SUCCINATES, metabolism/ SUCCINATES, pharmacodynamics

690. **Christie GA:** Chlormadinone acetate 0-5 mg. A report on its effectiveness in continuous use as an oral contraceptive. Med J Aust 2:185-9, 26 Jul 69
ABNORMALITIES, DRUG-INDUCED, etiology/ ABORTION, LEGAL/ ACETATES, administration & dosage/ BIOPSY/ BLOOD COAGULATION, drug effects/ BODY WEIGHT, drug effects/ *CHLORMADINONE, administration & dosage/ CHLORMADINONE, adverse effects/ *CONTRACEPTIVES, ORAL, administration & dosage/ CONTRACEPTIVES, ORAL, adverse effects/ ENDOMETRIUM, cytology/ FEMALE/ FERTILITY, drug effects/ FETUS, drug effects/ HUMAN/ MENSTRUATION, drug effects/ MENSTRUATION DISORDERS, chemically induced/ PREGNANCY

691. **Christoff N:** Myoclonic encephalopathy of infants. A report of two cases and observations on related disorders. Arch Neurol (Chicago) 21:229-34, Sep 69
AUTOIMMUNE DISEASES, complications/ *BRAIN DISEASES, complications/ BRAIN DISEASES, drug therapy/ BRAIN DISEASES, etiology/ BRAIN NEOPLASMS, complications/ CEREBROSPINAL FLUID PROTEINS, analysis/ CHILD, PRESCHOOL/ CORTICOTROPIN, therapeutic use/ FEMALE/ HUMAN/ INFANT/ MALE/ MENTAL RETARDATION/ *MYOCLONUS, complications/ MYOCLONUS, drug therapy/ MYOCLONUS, etiology/ NEUROBLASTOMA, complications

692. **Chýle P, Donner L:** Triploidy embryo cell cultures of Gallus domesticus. Folia Biol (Krakow) 17:232, 1969
ANIMAL EXPERIMENTS/ *CHICK EMBRYO/ *CHROMOSOME ABERRATIONS/ MITOSIS/ *POLYPLOIDY/ SEX CHROMOSOME ABNORMALITIES/ TISSUE CULTURE

693. **Chynoweth R, Foley J:** Pre-senile dementia responding to steroid therapy. Brit J Psychiat 115:703-8, Jun 69
AGED/ ARTERITIS, complications/ BLOOD PROTEIN ELECTROPHORESIS/ BLOOD SEDIMENTATION/ BRAIN DISEASES, radiography/ CEREBRAL CORTEX, pathology/ CEREBRAL CORTEX, radiography/ CEREBRAL VENTRICLES, radiography/ *DEMENTIA, PRESENILE, drug therapy/ DEMENTIA, PRESENILE, etiology/ FEMALE/ HUMAN/ *HYDROCORTISONE, administration & dosage/ MALE/ MIDDLE AGE/ *PREDNISONE, administration & dosage

694. **Ciaranello RD, Barchas JD:** Studies on the elevation of phenylethanolamine N-methyl transferase (PNMT) activity in the rat following physiologic manipulation. Proc West Pharmacol Soc 12:25-6, 1969
*ADRENAL GLANDS, enzymology/ ADRENALECTOMY/ ALCOHOL, ETHYL/ ANIMAL EXPERIMENTS/ HYPOPHYSECTOMY/ PITUITARY GLAND, physiology/ RATS/ *TRANSFERASES, metabolism

695. **Cirillo VJ, Andersen OF, Ham EA, et al:** The effect of luteinizing hormone and adenosine 3',5'-monophosphate on progesterone biosynthesis by bovine granulosa cells in culture. Exp Cell Res 57:139-42, Sep 69
ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CATTLE/ CHROMATOGRAPHY, GAS/ FEMALE/ IN VITRO/ *LH, pharmacodynamics/ *OVARY, cytology/ OVARY, drug effects/ PROGESTERONE, analysis/ *PROGESTERONE, biosynthesis/ TISSUE CULTURE

696. **Citoler P, Pera F, Schwarzacher HG:** Cytologische Untersuchungen an einem menschlichen Abortus mit vorwiegend tetraploiden Zellen in vitro. Humangenetik 7:109-18, 1969 (Ger)
ABORTION/ ADULT/ DNA, analysis/ ENGLISH ABSTRACT/ FEMALE/ FETUS, cytology/ HUMAN/ KARYOTYPING/ MITOSIS/ *POLYPLOIDY/ PREGNANCY/ RADIOAUTOGRAPHY/ SEX CHROMATIN/ THYMIDINE/ TISSUE CULTURE/ TRITIUM

697. **Civantos F, Robinson MJ:** Fatal strongiyoidiasis following corticosteroid therapy. Amer J Dig Dis 14:643-51, Sep 69
*ADRENAL CORTEX HORMONES, adverse effects/ ADULT/ AGED/ COLITIS, ULCERATIVE, drug therapy/ DITHIAZANINE, therapeutic use/ EOSINOPHILIA, complications/ FEMALE/ HUMAN/ LYMPH NODES, pathology/ MALE/ MIDDLE AGE/ MILITARY MEDICINE/ PREDNISONE, adverse effects/ PULMONARY ALVEOLI, pathology/ SKIN DISEASES, drug therapy/ *STRONGYLOIDIASIS/ STRONGYLOIDIASIS, diagnosis/ STRONGYLOIDIASIS, drug therapy/ STRONGYLOIDIASIS, pathology/ STRONGYLOIDIASIS, radiography

698. **Clabaut M:** Premiers signes histologiques de l'avortement après ovariectomie bilatérale chez la ratte. C R Soc Biol (Paris) 163:21-4, 1969 (Fre)
*ABORTION, pathology/ ANIMAL EXPERIMENTS/ CASTRATION/ FEMALE/ FETAL MEMBRANES, blood supply/ *FETAL MEMBRANES, pathology/ *OVARY, physiology/ PREGNANCY/ PROGESTERONE, physiology/ RATS/ TIME FACTORS

699. **Clark BS, Dawson PJ:** Histiocytic medullary reticulosis presenting with a leukemic blood picture. Amer J Med 47:314-7, Aug 69
ADOLESCENCE/ BLOOD CELLS/ BONE MARROW CELLS/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ *HISTIOCYTES/ HUMAN/ *LEUKEMIA, LYMPHOCYTIC, diagnosis/ LYMPH NODES, pathology/ MALE/ PREDNISONE, therapeutic use/ PROTEIN-LOSING ENTEROPATHIES, complications/ *RETICULOENDOTHELIOSIS, diagnosis

700. **Clark DA, Bairrington JD, Bitter HL, et al:** Pharmacology and toxicology of propellant hydrazines. Aeromed Rev 11:1-126, Dec 68 (273 ref.)
AMINO ACIDS, metabolism/ AMINOBUTYRIC ACID, metabolism/ ANIMAL EXPERIMENTS/ ANTIDOTES, therapeutic use/ BEHAVIOR, ANIMAL, drug effects/ BLOOD COAGULATION, drug effects/ CARBOHYDRATES, metabolism/ CENTRAL NERVOUS SYSTEM, drug effects/ DOGS/ EPITHELIUM, drug effects/ FIBRINOLYSIS, drug effects/ *FUELS/ GUINEA PIGS/ HAMSTERS/ HORMONES, metabolism/ HYDRAZINES, metabolism/ *HYDRAZINES, pharmacodynamics/ *HYDRAZINES, toxicity/ KIDNEY, drug effects/ LIPIDS, metabolism/ MEMBRANES, drug effects/ MICE/ RABBITS/ RATS/ RESPIRATION, drug effects/ REVIEW

701. **Clark H, Ronald AR, Cutler RE, et al:** The correlation between site on infection and maximal concentrating ability in bacteriuria. J Infect Dis 120:47-53, Jul 69
*BACTERIURIA/ BACTERIURIA, drug therapy/ BLADDER DISEASES/ CREATININE, blood/ CREATININE, urine/ FEMALE/ HUMAN/ *KIDNEY, physiology/ KIDNEY CONCENTRATING ABILITY/ MALE/ UREA, urine/ URINARY CATHETERIZATION/ *URINARY TRACT INFECTIONS/ URINATION DISORDERS/ VASOPRESSIN, diagnostic use

702. **Clark I:** Importance of dietary Ca:PO4 ratios on

skeletal, Ca, Mg, and PO4 metabolism.
Amer J Physiol 217:865-70, Sep 69
ANIMAL EXPERIMENTS/ BODY WEIGHT/ BONE AND BONES, analysis/ *BONE AND BONES, metabolism/ CALCIUM, blood/ *CALCIUM, DIETARY, metabolism/ DIET/ MAGNESIUM, blood/ MAGNESIUM, metabolism/ MALE/ METHODS/ PARATHYROID GLANDS, physiology/ PHOSPHATES, blood/ *PHOSPHATES, metabolism/ RATS

703. **Clark I:** Metabolic interrelations of calcium, magnesium, and phosphate.
Amer J Physiol 217:871-8, Sep 69
ANIMAL EXPERIMENTS/ BODY WEIGHT/ *BONE AND BONES, metabolism/ CALCIFICATION, PHYSIOLOGIC/ *CALCIUM, DIETARY, metabolism/ DIET/ FEMUR, analysis/ *MAGNESIUM, metabolism/ MAGNESIUM, pharmacodynamics/ MALE/ METHODS/ PARATHYROID HORMONE, secretion/ *PHOSPHATES, metabolism/ PHOSPHATES, pharmacodynamics/ RATS/ THYROCALCITONIN, secretion

704. **Clarke GR:** A rapid and prolonged acting corticosteroid for acute inflammatory orthopedic problems.
W Virginia Med J 65:241-3, Aug 69
ADOLESCENCE/ ADULT/ AGED/ *BETAMETHASONE, therapeutic use/ FEMALE/ HUMAN/ INFLAMMATION, drug therapy/ MALE/ MIDDLE AGE/ *WHIPLASH INJURY, drug therapy

705. **Clemens MJ, Korner A:** Stimulation of incorporation of precursors into protein and ribonucleic acid of rat liver slices by bovine growth hormone in vitro.
Biochem J 113:10P, Jun 69
AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ IN VITRO/ LEUCINE, metabolism/ *LIVER, metabolism/ OROTIC ACID, metabolism/ *PROTEINS, biosynthesis/ RATS/ *RNA, biosynthesis/ *SOMATOTROPIN, pharmacodynamics

706. **Clementi F, Palade GE:** Intestinal capillaries. II. Structural effects ofEDTA and histamine.
J Cell Biol 42:706-14, Sep 69
ANIMAL EXPERIMENTS/ BASEMENT MEMBRANE, physiology/ CALCIUM, metabolism/ *CAPILLARIES, drug effects/ CAPILLARY PERMEABILITY, drug effects/ *EDTA, pharmacodynamics/ EPITHELIUM, physiology/ *HISTAMINE, pharmacodynamics/ *INTESTINAL MUCOSA, blood supply/ MALE/ RATS

707. **Clewell DB, Hubbard JD, Yu PL, et al:** Fractionation of spleen and serum in attempts to isolate the radiation-leukemia protection factor.
Cancer Res 29:1333-40, Jul 69
AMMONIUM COMPOUNDS/ ANIMAL EXPERIMENTS/ BLOOD, analysis/ BLOOD PROTEINS, analysis/ CATTLE/ CHROMATOGRAPHY/ ELECTROPHORESIS/ *LEUKEMIA, RADIATION-INDUCED, prevention & control/ *LYMPHOSARCOMA, prevention & control/ MICE/ MOLECULAR WEIGHT/ PRECIPITATION/ PROTEINS, analysis/ *RADIATION PROTECTION/ SHEEP/ SPLEEN, analysis/ *THYMUS NEOPLASMS, prevention & control/ *TISSUE EXTRACTS, isolation & purification/ TISSUE EXTRACTS, pharmacodynamics

708. **Clive D, Snell RS:** Effect of melatonin on mammalian hair color. J Invest Derm 53:159-62, Aug 69
ANIMAL EXPERIMENTS/ COLOR/ GUINEA PIGS/ *HAIR, drug effects/ INJECTIONS, INTRAMUSCULAR/ MALE/ *MELATONIN, pharmacodynamics

709. **Clower CG, Young AJ, Kepas D:** Psychotic states resulting from disorders of thyroid function.
Johns Hopkins Med J 124:305-10, Jun 69
ADULT/ AGED/ FEMALE/ HUMAN/ HYPERTHYROIDISM, complications/ HYPOTHYROIDISM, complications/ MASS SCREENING/ MIDDLE AGE/ MYXEDEMA, complications/ PROTEIN-BOUND IODINE TEST/ *PSYCHOSES, ORGANIC, etiology/ *THYROID DISEASES, complications/ THYROID DISEASES, diagnosis

710. **Coburn JW, Popovtzer MM, Massry SG, et al:** The physicochemical state and renal handling of divalent ions in chronic renal failure.
Arch Intern Med (Chicago) 124:302-11, Sep 69
*CALCIUM, blood/ CHEMISTRY, PHYSICAL/ HEMODIALYSIS/ HUMAN/ HYPERCALCEMIA, physiopathology/ HYPOCALCEMIA, physiopathology/ *KIDNEY, physiopathology/ *KIDNEY FAILURE, CHRONIC, physiopathology/ *MAGNESIUM, blood/ *PHOSPHATES, blood/ PHOSPHORUS METABOLISM DISORDERS, physiopathology

711. **Coggi G, Schmid C, Cicchetti F:** I tumori adenomatoidi dell'epididmo (amartomi del mesonefro)
Folia Hered Path (Milano) 17:17-30, Jan 68 (Ita)
*ADENOMA, pathology/ ENGLISH ABSTRACT/ *EPIDIDYMIS, pathology/ *HAMARTOMA, pathology/ HUMAN/ MALE/ *SERTOLI CELL TUMOR, pathology/ *UROGENITAL NEOPLASMS, pathology

712. **Cohadon F, Leman P:** L'oedème cérébral et son traitement. J Med Bordeaux 144:859-68, Jun 67 (Fre)
BRAIN EDEMA, drug therapy/ *BRAIN EDEMA, therapy/ DIURETICS, therapeutic use/ HUMAN/ MINERALOCORTICOIDS, therapeutic use/ RESUSCITATION

713. **Cohan SL, Ford DH, Rhines RK, et al:** The effect of neonatal x-irradiation on the accumulation and degradation of 131I-1 triiodothyronine in the maturing rat central nervous system.
Acta Neurol Scand 45:129-50, 1969
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN, radiation effects/ *BRAIN, radiation effects/ *CENTRAL NERVOUS SYSTEM, metabolism/ CEREBELLAR CORTEX, pathology/ DIIODOTYROSINE, metabolism/ INJECTIONS, INTRAVENOUS/ IODIDES, blood/ IODINE ISOTOPES, DIAGNOSTIC, blood/ IODINE ISOTOPES, DIAGNOSTIC, metabolism/ PLASMA/ *RADIATION EFFECTS/ RADIOMETRY/ RATS/ TRIIODOTHYRONINE, blood/ *TRIIODOTHYRONINE, metabolism

714. **Cohen A, Pernot JC, Jost A:** Rôle de l'hypothalamus dans la résponse des surrénales du foetus de rat à une agression par le formol.
C R Soc Biol (Paris) 162:2070-3, 1968 (Fre)
ADRENAL GLANDS, metabolism/ *ADRENAL GLANDS, physiology/ ANIMAL EXPERIMENTS/ ASCORBIC ACID, metabolism/ FEMALE/ *FETUS, physiology/ *FORMALDEHYDE, pharmacodynamics/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ *PITUITARY-ADRENAL SYSTEM/ PREGNANCY/ RATS

715. **Cohen KL, Bitensky MW:** Inhibitory effects of alloxan on mammalian adenyl cyclase.
J Pharmacol Exp Ther 169:80-6, Sep 69
*ADENINE NUCLEOTIDES, metabolism/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ ADENOSINE TRIPHOSPHATASE, metabolism/ ADENYL CYCLASE, metabolism/ *ALLOXAN, pharmacodynamics/ ANIMAL EXPERIMENTS/ BRAIN, enzymology/ CARBON ISOTOPES/ CHROMATOGRAPHY, PAPER/ ENZYMES, metabolism/ EPINEPHRINE, metabolism/ FEMALE/ GLUCAGON, metabolism/ HAMSTERS/ IN VITRO/ ISLET CELL TUMOR, enzymology/ KIDNEY, enzymology/ LIVER, enzymology/ MYOCARDIUM, enzymology/ PHOSPHATASES, metabolism/ RATS

716. **Cohen MP, Moriwaki K:** 3',5'-cyclic AMP and the adrenal desmolase system.
Proc Soc Exp Biol Med 131:1267-70, Sep 69
*ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ ADRENAL GLANDS, drug

effects/ *ADRENAL GLANDS, enzymology/ ADRENAL GLANDS, metabolism/ AMINOGLUTETHIMIDE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHOLESTEROL, metabolism/ CORTICOTROPIN, pharmacodynamics/ GUINEA PIGS/ *LYASES, metabolism/ NADP, metabolism/ PREGNENOLONE, biosynthesis/ STEROLS, metabolism/ TRITIUM

717. **Cohen P, Chin RC, Kidson C:** Interactions of hormonal steroids with nucleic acids. II. Structural and thermodynamic aspects of binding.
Biochemistry (Wash) 8:3603-9, Sep 69
ALCOHOL, METHYL/ BINDING SITES/ BUFFERS/ CHEMISTRY/ DIALYSIS/ DIMETHYL SULFOXIDE/ *DNA, BACTERIAL/ *ESTRADIOL/ ETHERS/ FORMALDEHYDE/ GLYCOLS/ GUANINE/ GUANINE NUCLEOTIDES/ HYDROGEN-ION CONCENTRATION/ MODELS, STRUCTURAL/ NUCLEIC ACID DENATURATION/ OPTICAL ROTATORY DISPERSION/ *POLYNUCLEOTIDES/ *PROGESTERONE/ PSEUDOMONAS AERUGINOSA/ SPECTROPHOTOMETRY/ *TESTOSTERONE/ THERMODYNAMICS/ TRITIUM/ ULTRAVIOLET RAYS

718. **Cohen P, Kidson C:** Interactions of hormonal steroids with nucelic acids. I. A specific requirement for guanine. Proc Nat Acad Sci USA 63:458-64, Jun 69
*BINDING SITES/ CORTICOSTERONE/ DIALYSIS/ *DNA/ ESTRADIOL/ *GUANINE NUCLEOTIDES/ NUCLEIC ACID DENATURATION/ POLYNUCLEOTIDES, chem synthesis/ PROGESTERONE/ *STEROIDS/ TESTOSTERONE/ TRITIUM

719. **Colavita D, Giacopino D, Ferrarese R:** Modifiche degli iperandrogenismi in gravidanza.
Arch Ostet Ginec 73:1026-35, Nov-Dec 68 (Ita)
ADULT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *17-KETOSTEROIDS, urine/ PREGNANCY/ *VIRILISM, complications

720. **Colbert C, Garrett C:** Photodensitometry of bone roentgenograms with an on-line computer.
Clin Orthop 65:39-45, Jul-Aug 69
APATITES, analysis/ *BONE AND BONES, analysis/ BONE AND BONES, metabolism/ BONE AND BONES, radiography/ COLLAGEN, analysis/ *COMPUTERS, DIGITAL/ *DENSITOMETRY, X-RAY/ HUMAN/ MATHEMATICS/ METHODS/ *MINERALS, analysis/ WATER, analysis

721. **Cole P, Petrie JC, Bewsher PD:** Intestinal obstruction and hypothyroidism. Brit Med J 3:655-6, 13 Sep 69
CONSTIPATION, complications/ FEMALE/ HUMAN/ *HYPOTHYROIDISM, complications/ HYPOTHYROIDISM, drug therapy/ *INTESTINAL OBSTRUCTION, complications/ INTESTINAL OBSTRUCTION, prevention & control/ INTESTINAL OBSTRUCTION, surgery/ MIDDLE AGE/ THYROXINE, therapeutic use

722. **Colle-Vandevelde A:** Influence de l'hydrocortisone sur les thyroïdes faetales et périnatales de souris cultivées in vitro.
C R Acad Sci [D] (Paris) 268:3187-8, 30 Jun 69 (Fre)
ANIMALS, NEWBORN/ *FETUS, drug effects/ *HYDROCORTISONE, pharmacodynamics/ IODINE, metabolism/ IODINE ISOTOPES/ MICE/ RADIOAUTOGRAPHY/ *THYROID GLAND, drug effects/ THYROTROPIN, pharmacodynamics/ TISSUE CULTURE

723. **Collins RP, Kainins K:** The occurrence of ergosterol in the fungus Ceratocystis fagacearum.
Mycologia 61:645-6, May-Jun 69
*ASCOMYCETES, analysis/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ SPECTRUM ANALYSIS/ *VITAMIN D, analysis

724. **Collins WP, Mansfield MD, Bridges CE, et al:** Studies on steroid metabolism in human endometrial tissue.
Biochem J 113:399-407, Jun 69
DEHYDROEPIANDROSTERONE, metabolism/ *ENDOMETRIUM, metabolism/ ESTRADIOL, metabolism/ ESTRONE, metabolism/ FEMALE/ HUMAN/ HYDROXYPROGESTERONE, metabolism/ IN VITRO/ PROGESTERONE, metabolism/ *SEX HORMONES, metabolism/ TESTOSTERONE, metabolism

725. **Colwell JA:** Pheochromocytoma and insulin.
Ann Intern Med 71:668-9, Sep 69
*ADRENAL GLAND NEOPLASMS, metabolism/ ADULT/ BLOOD SUGAR, analysis/ CATECHOLAMINES, secretion/ FEMALE/ HUMAN/ *INSULIN, secretion/ *PHEOCHROMOCYTOMA, metabolism

726. **Colwell JA:** Inhibition of insulin secretion by catecholamines in pheochromocytoma.
Ann Intern Med 71:251-6, Aug 69
ADULT/ BLOOD PRESSURE, drug effects/ BLOOD SUGAR, analysis/ CATECHOLAMINES, pharmacodynamics/ EPINEPHRINE, analysis/ EPINEPHRINE, urine/ GLUCOSE TOLERANCE TEST/ HUMAN/ INSULIN, blood/ *INSULIN, secretion/ MALE/ MIDDLE AGE/ NOREPINEPHRINE, analysis/ NOREPINEPHRINE, urine/ *PHENTOLAMINE, therapeutic use/ PHEOCHROMOCYTOMA, metabolism/ *PHEOCHROMOCYTOMA, surgery

727. **Comaish S:** The blood platelets in immune hypersensitivity.
Acta Dermatovener (Stockholm) 48:592-9, 1968
ANTIGEN-ANTIBODY REACTIONS/ BACITRACIN, adverse effects/ BACITRACIN, diagnostic use/ *BLOOD PLATELETS, analysis/ CHLORAMPHENICOL, adverse effects/ CHLORAMPHENICOL, diagnostic use/ DERMATITIS MEDICAMENTOSA, diagnosis/ *DRUG HYPERSENSITIVITY, blood/ HORSES/ HUMAN/ IMMUNE SERUMS, adverse effects/ IMMUNE SERUMS, diagnostic use/ IN VITRO/ PENICILLIN G, adverse effects/ PENICILLIN G, diagnostic use/ *SEROTONIN, blood/ SKIN TESTS/ TETANUS ANTITOXIN, adverse effects/ TETANUS ANTITOXIN, diagnostic use/ TETRACYCLINE, adverse effects/ TETRACYCLINE, diagnostic use/ TRICHOPHYTIN, adverse effects/ TRICHOPHYTIN, diagnostic use

728. **Compoint C:** Etude du diencéphale de meriones shawi (Gerbillidé) en comparaison avec celui de Rattus norvegicus albinos (Muridé)
J Hirnforsch 10:325-50, 1968 (Fre)
ANIMAL EXPERIMENTS/ CORPUS CALLOSUM/ *DIENCEPHALON, anatomy & histology/ DIENCEPHALON, cytology/ ENGLISH ABSTRACT/ *GERBILS, anatomy & histology/ HYPOTHALAMUS, anatomy & histology/ OPTIC CHIASM/ RATS/ SPECIES SPECIFICITY/ THALAMUS, anatomy & histology/ VISION

729. **Connolly CK, Nassim JR:** Osteomalacia.
Proc Roy Soc Med 62:735-6, 7 Jul 69
FEMALE/ FEMORAL NECK FRACTURES, radiography/ *FRACTURES, etiology/ HUMAN/ ILIUM, radiography/ MIDDLE AGE/ *OSTEOMALACIA, complications/ OSTEOMALACIA, drug therapy/ PHOSPHATES, therapeutic use/ VITAMIN D, therapeutic use

730. **Conolly WB, Hunt TK, Dunphy JE:** Management of contaminated surgical wounds.
Surg Gynec Obstet 129:593-601, Sep 69 (59 ref.)
ANEMIA/ ANTIBIOTICS, therapeutic use/ ANTICOAGULANTS, therapeutic use/ ANTINEOPLASTIC AGENTS, pharmacodynamics/ BANDAGES/ CORTISONE/ DRAINAGE/ HEMATOMA/ HEMOSTASIS/ HUMAN/ PERFUSION/ RADIATION EFFECTS/ REVIEW/ STAPHYLOCOCCAL INFECTIONS/ SURGICAL WOUND INFECTION, etiology/ *SURGICAL WOUND INFECTION, therapy/ SUTURES/ TIME

FACTORS/ WOUND HEALING/ WOUNDS AND INJURIES

731. **Conrad ME**: Humoral regulation of iron absorption. Gastroenterology 57:225-8, Aug 69
ANIMAL EXPERIMENTS/ DEFICIENCY DISEASES, metabolism/ ERYTHROPOIESIS/ *HORMONES, physiology/ HUMAN/ *INTESTINAL ABSORPTION/ INTESTINAL MUCOSA, analysis/ INTESTINE, SMALL, cytology/ INTESTINE, SMALL, physiology/ IRON, analysis/ *IRON, metabolism/ OXYGEN, blood/ RATS

732. **Consolo S, Garattini S**: Effect of desipramine on intestinal absorption of phenylbutazone and other drugs. Europ J Pharmacol 6:322-6, 1969
AMPHETAMINE, blood/ ANIMAL EXPERIMENTS/ *DESIPRAMINE, pharmacodynamics/ FEMALE/ HYDROCORTISONE, blood/ *INTESTINAL ABSORPTION, drug effects/ INTESTINE, SMALL, analysis/ MUSCLE, SMOOTH, drug effects/ OXYPHENBUTAZONE, analysis/ OXYPHENBUTAZONE, blood/ OXYPHENBUTAZONE, urine/ PENTOBARBITAL, blood/ PHENYLBUTAZONE, analysis/ PHENYLBUTAZONE, blood/ *PHENYLBUTAZONE, metabolism/ PHENYLBUTAZONE, urine/ RATS/ SALICYLATES, blood/ STOMACH, analysis

733. **Constantinescu J**: Action de l'octapressin (Phe2-Lys8-vasopressine) sur la phosphorylase cérébrale. Rev Roum Physiol 6:169-75, 1969 (Fre)
ANIMAL EXPERIMENTS/ BRAIN, drug effects/ *BRAIN, enzymology/ *GLUCOSYLTRANSFERASES, metabolism/ PHELYPRESSIN, pharmacodynamics/ RATS/ *VASOPRESSIN, pharmacodynamics

734. **Conti C, Sciarra F**: Two cases of germinal aplasia: plasma concentration and in vitro biosynthesis of androgens. Folia Endocr (Roma) 21:404-11, Aug 68
ADULT/ *ANDROGENS, biosynthesis/ CARBON ISOTOPES/ DEHYDROEPIANDROSTERONE, blood/ ECZEMA, radiotherapy/ ENGLISH ABSTRACT/ ESTRADIOL, blood/ ESTRONE, blood/ HUMAN/ *HYPOGONADISM, metabolism/ IN VITRO/ 17-KETOSTEROIDS, urine/ LIBIDO/ MALE/ PREGNENOLONE, biosynthesis/ RADIATION EFFECTS/ STERILITY, MALE/ TESTICULAR DISEASES, pathology/ *TESTIS, metabolism/ TESTIS, radiation effects/ TESTOSTERONE, blood

735. **Cook RM, Liu SC, Quraishi S**: Utilization of volatile fatty acids in ruminants. 3. Comparison of mitochondrial acyl coenzyme A synthetase activity and substrate specificity in different tissues. Biochemistry (Wash) 8:2966-9, Jul 69
*ACETATES, metabolism/ ANIMAL EXPERIMENTS/ *BUTYRATES, metabolism/ COENZYME A/ *FATTY ACIDS, metabolism/ FEMALE/ GOATS/ KIDNEY, enzymology/ LIGASES, isolation & purification/ *LIGASES, metabolism/ LUNG, enzymology/ MALE/ MAMMAE, enzymology/ *MITOCHONDRIA, enzymology/ MITOCHONDRIA, LIVER, enzymology/ MITOCHONDRIA, MUSCLE, enzymology/ MYOCARDIUM, enzymology/ *PROPIONATES, metabolism/ RUMEN, enzymology/ SHEEP/ TESTIS, enzymology/ TIME FACTORS

736. **Cooke R, Morales MF**: Spin-label studies of glycerinated muscle fibers. Biochemistry (Wash) 8:3188-94, Aug 69
ADENOSINE TRIPHOSPHATE/ ANIMAL EXPERIMENTS/ *CHEMISTRY, ORGANIC/ ELECTRON SPIN RESONANCE/ FREE RADICALS/ *GLYCERIN/ IMIDES/ IODOACETATES/ MALEATES/ *MUSCLE PROTEINS/ *MUSCLES/ THIOCYANATES

737. **Cooper A, Gopalakrishna EM, Norton DA**: The crystal structure and absolute configuration of the 2:1 complex between testosterone and mercuric chloride. Acta Crystallogr [B] (Kobenhavn) 24:935-41, 15 Jul 68
CHEMISTRY/ *CHLORIDES/ CRYSTALLOGRAPHY/ *MERCURY/ *TESTOSTERONE

738. **Cooper A, Norton DA**: The crystal and molecular structure of 12alpha-bromo-11beta-hydroxyprogesterone. Acta Crystallogr [B] (Kobenhavn) 24:811-24, 15 Jun 68
CHEMISTRY/ CRYSTALLOGRAPHY/ *PROGESTERONE

739. **Cooper A, Norton DA, Hauptman H**: Estrogenic steroids. 3. The crystal and molecular structure of estriol. Acta Crystallogr [B] (Kobenhavn) 25:814-28, 15 May 69
CHEMISTRY/ CRYSTALLOGRAPHY/ *ESTRIOL

740. **Cooper KJ, Haynes NB**: Modification of the oestrous cycle of the underfed rat associated with the time of feeding. J Reprod Fertil 19:577-9, Aug 69
ANIMAL EXPERIMENTS/ ANIMAL NUTRITION/ *ESTRUS/ FEMALE/ RATS/ *STARVATION/ TIME FACTORS/ VAGINAL SMEARS

741. **Coppen AJ**: Biochemical aspects of depression. Int Psychiat Clin 6:53-81, 1969
ADRENAL GLANDS, metabolism/ BRAIN CHEMISTRY/ DEPRESSION, drug therapy/ DEPRESSION, etiology/ DEPRESSION, metabolism/ *DEPRESSION, metabolism/ DEPRESSION, urine/ DOPAMINE, metabolism/ ELECTROLYTES, metabolism/ EPINEPHRINE, urine/ EXTRACELLULAR SPACE, metabolism/ FEMALE/ HUMAN/ HYDROCORTISONE, blood/ HYDROXYINDOLEACETIC ACID, cerebrospinal fluid/ LITHIUM, therapeutic use/ MALE/ MONOAMINE OXIDASE INHIBITORS, therapeutic use/ NOREPINEPHRINE, metabolism/ NOREPINEPHRINE, urine/ PREMENSTRUAL TENSION/ RESERPINE, pharmacodynamics/ SEROTONIN, analysis/ SEROTONIN, metabolism/ SUICIDE/ THYROID GLAND, metabolism/ TRYPTAMINES, metabolism/ TRYPTAMINES, urine/ TRYPTOPHAN, therapeutic use

742. **Coppolino A, La Rosa P**: Contributo allo studio della reticulosi lipomelanica di Pautrier e Woringer. G Ital Derm 109:399-406, Sep-Oct 68 (Ita)
ADRENAL CORTEX HORMONES, therapeutic use/ ANTINEOPLASTIC AGENTS, therapeutic use/ CORTICOTROPIN, therapeutic use/ FEMALE/ HUMAN/ *LYMPH NODES, pathology/ MIDDLE AGE/ *RETICULOENDOTHELIOSIS, drug therapy/ *RETICULOENDOTHELIOSIS, pathology/ *SKIN, pathology

743. **Corbin JD, Krebs EG**: A cyclic AMP--stimulated protein kinase in adipose tissue. Biochem Biophys Res Commun 36:328-36, 23 Jul 69
*ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ ADIPOSE TISSUE, cytology/ *ADIPOSE TISSUE, enzymology/ ANIMAL EXPERIMENTS/ CASEIN/ EPIDIDYMIS/ HISTONES/ MALE/ PHOSPHORUS ISOTOPES/ PHOSPHORYLASE KINASE/ PHOSPHOTRANSFERASES, antagonists & inhibitors/ *PHOSPHOTRANSFERASES, metabolism/ RATS/ TIME FACTORS

744. **Corbit JD**: Behavioral regulation of hypothalamic temperature. Science 166:256-8, 10 Oct 69
ANIMAL EXPERIMENTS/ *BEHAVIOR, ANIMAL/ *BODY TEMPERATURE REGULATION/ EXERTION/ *HYPOTHALAMUS, physiology/ METHODS/ MODELS, BIOLOGIC

745. **Corday E, Vyden JK, Lang TW, et al**: Reevaluation of the treatment of shock secondary to cardiac infarction. Dis Chest 56:200-9, Sep 69
ADRENAL CORTEX HORMONES, therapeutic use/ ANIMAL EXPERIMENTS/ BLOOD FLOW

VELOCITY/ BLOOD PRESSURE, drug effects/ BLOOD VOLUME, drug effects/ CARDIAC OUTPUT, drug effects/ CORONARY VESSELS, drug effects/ DIGITALIS GLYCOSIDES, therapeutic use/ DOGS/ DOPAMINE, therapeutic use/ ELECTROCARDIOGRAPHY/ EXTRACORPOREAL CIRCULATION/ GLUCAGON, therapeutic use/ HEMODYNAMICS/ ISOPROTERENOL, therapeutic use/ *MYOCARDIAL INFARCT, complications/ MYOCARDIAL INFARCT, drug therapy/ NOREPINEPHRINE, pharmacodynamics/ PHENOXYBENZAMINE, therapeutic use/ PROPRANOLOL, therapeutic use/ *SHOCK, drug therapy/ SHOCK, etiology/ VASCULAR RESISTANCE, drug effects

746. **Cordes DO:** Equine granulosa tumours.
Vet Rec 85:186-8, 16 Aug 69
CYSTS/ ESTRUS/ FEMALE/ GRANULOSA CELL TUMOR, diagnosis/ GRANULOSA CELL TUMOR, pathology/ *GRANULOSA CELL TUMOR, veterinary/ *HORSE DISEASES/ OVARIAN NEOPLASMS, pathology/ OVARIAN NEOPLASMS, surgery/ *OVARIAN NEOPLASMS, veterinary

747. **Corey EJ, Weinshenker NM, Schaaf TK, et al:** Stereo-controlled synthesis of prostaglandins F-2a and E-2 (dl). J Amer Chem Soc 91:5675-7, 24 Sep 69
*PROSTAGLANDINS, chem synthesis

748. **Correale E, Tesauro P, Frascolla N:** Crisi subentranti di M.A.S. da fibrillo-flutter ventricolare in soggetto giovane. Rass Int Clin Ter 47:1238-53, 30 Nov 67 (Ita)
ADAMS-STOKES SYNDROME, drug therapy/ *ADAMS-STOKES SYNDROME, etiology/ ADULT/ *BETAMETHASONE, therapeutic use/ ELECTROCARDIOGRAPHY/ FEMALE/ HUMAN/ PROCAINE AMIDE, therapeutic use/ *VENTRICULAR FIBRILLATION, complications

749. **Corrodi H, Fuxe K:** Decreased turnover in central 5-HT nerve terminals induced by antidepressant drugs of the imipramine type. Europ J Pharmacol 7:56-9, Jul 69
*AMITRIPTYLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BRAIN, metabolism/ BRAIN CHEMISTRY/ *DIBENZAZEPINES, pharmacodynamics/ FLUORESCENCE/ MALE/ *NERVE ENDINGS, metabolism/ *NORTRIPTYLINE, pharmacodynamics/ RATS/ *SEROTONIN, metabolism/ TRYPTOPHAN OXYGENASE, antagonists & inhibitors

750. **Corrodi H, Fuxe K, Schou M:** The effect of prolonged lithium administration on cerebral monoamine neurons in the rat. Life Sci 8:643-51, 1 Jun 69
*AMINES, analysis/ ANIMAL EXPERIMENTS/ *BRAIN CHEMISTRY, drug effects/ DOPAMINE, analysis/ HYDROXYLASES, antagonists & inhibitors/ *LITHIUM, administration & dosage/ MALE/ NERVE ENDINGS, drug effects/ NEURONS, analysis/ *NEURONS, drug effects/ NOREPINEPHRINE, analysis/ RATS/ SEROTONIN, analysis/ TIME FACTORS

751. **Cortés A:** Primary cutaneous amyloidosis.
Dermatologica (Basel) 139:109-14, 1969
ADOLESCENCE/ ADULT/ AGE FACTORS/ AMYLOIDOSIS, classification/ AMYLOIDOSIS, complications/ AMYLOIDOSIS, drug therapy/ *AMYLOIDOSIS, occurrence/ BLOOD PROTEIN ELECTROPHORESIS/ CHILD/ COLOMBIA/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ SEX FACTORS/ SKIN DISEASES, classification/ SKIN DISEASES, complications/ SKIN DISEASES, drug therapy/ *SKIN DISEASES, occurrence/ SOCIOECONOMIC FACTORS/ TRIAMCINOLONE, therapeutic use

752. **Cosmacini G, Pompili G:** La irradiazione diencefalo-ipofisaria nella terapia delle affezioni retiniche su base emorragica d angiopatica. II. Malattia di Eales e trombosi delle vene retiniche.
Ann Ottal 94:929-36, Aug 68 (Ita)
ADULT/ AGED/ *DIENCEPHALON/ HUMAN/ MALE/ *PITUITARY GLAND IRRADIATION/ *RETINAL HEMORRHAGE, therapy/ *RETINAL VESSELS/ *THROMBOSIS, therapy

753. **Cosmacini G, Pompili G:** La irradiazione diencefalo-ipofisaria nella terapia delle affezioni retiniche su base emorragica ed angiopatica. I. Retinopatia diabetica.
Ann Ottal 94:893-902, Aug 68 (Ita)
ADULT/ AGED/ *DIABETIC RETINOPATHY, therapy/ *DIENCEPHALON/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PITUITARY GLAND IRRADIATION/ YTTRIUM ISOTOPES

754. **Costea V, Munteu M:** Rezultatul tratamentului cîtorva dermatoze du "Ultralan".
Rev Medicochir Iasi 73:441-4, Apr-Jun 69 (Rum)
HUMAN/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ *PREGNANES, therapeutic use/ *SKIN DISEASES, drug therapy

755. **Cottier P:** Die Klinik der renovasculären Hypertonie.
Helv Med Acta Suppl 48:28+, May 68 (Ger)
ADULT/ AGED/ ANGIOGRAPHY/ ANGIOTENSIN, diagnostic use/ ANTIHYPERTENSIVE AGENTS, therapeutic use/ ARTERIOSCLEROSIS OBLITERANS, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERALDOSTERONISM, complications/ *HYPERTENSION, RENAL/ HYPERTENSION, RENAL, blood/ HYPERTENSION, RENAL, diagnosis/ HYPERTENSION, RENAL, drug therapy/ HYPERTENSION, RENAL, etiology/ HYPERTENSION, RENAL, radiography/ JUXTAGLOMERULAR APPARATUS, physiopathology/ KIDNEY FUNCTION TESTS/ MALE/ MIDDLE AGE/ RADIOISOTOPE RENOGRAPHY/ RENAL ARTERY, radiography/ RENAL ARTERY OBSTRUCTION, complications/ RENIN, blood/ UROGRAPHY

756. **Cotton RE:** Benign breast disease: pathological aspects.
Proc Roy Soc Med 62:719-20, 7 Jul 69
BREAST DISEASES, etiology/ *BREAST DISEASES, pathology/ CYSTS, pathology/ ENDOCRINE DISEASES, pathology/ FEMALE/ HUMAN

757. **Cotton SG, Bloom A, Dent CE:** Tertiary hyperparathyroidism with fluctuating serum calcium levels. Proc Roy Soc Med 62:737-8, 7 Jul 69
ADENOMA, blood/ *CALCIUM, blood/ FEMALE/ HUMAN/ HYDROCORTISONE, therapeutic use/ HYPERCALCEMIA, drug therapy/ HYPERCALCEMIA, etiology/ *HYPERPARATHYROIDISM, blood/ MIDDLE AGE

758. **Courvoisier B:** Régulation de la calcémie.
Praxis 58:757-8, 1969 (Fre)
*CALCIUM, metabolism/ HUMAN/ PARATHYROID HORMONE, pharmacodynamics/ THYROCALCITONIN, pharmacodynamics/ VITAMIN D, pharmacodynamics

759. **Coutinho JS de, Netto MB, Lins JA, et al:** Testicular maturation in adrenal hyperfunction.
Arq Brasil Endocr 16:173-81, Dec 67
*ADRENAL GLAND HYPERFUNCTION, etiology/ *ADRENAL GLAND NEOPLASMS, complications/ ADRENAL GLAND NEOPLASMS, pathology/ CHILD, PRESCHOOL/ HUMAN/ MALE/ *PUBERTY, PRECOCIOUS, etiology/ TESTIS, pathology

760. **Coutts JR, Macnaughton MC, Ross PE, et al:** Steroidogenesis in a case of hydatidiform mole.
J Endocr 44:335-48, Jul 69
CARBON ISOTOPES/ CHOLESTEROL, analysis/ FEMALE/ HUMAN/ *HYDATIDIFORM MOLE, metabolism/ HYDROXYPREGNENOLONE, biosynthesis/ HYDROXYPROGESTERONE, biosynthesis/ 17-KETOSTEROIDS, analysis/ OVARIAN CYSTS, metabolism/ PREGNANCY/ PREGNANETRIOL, urine/ PREGNENOLONE, metabolism/ PROGESTERONE, biosynthesis/

*STEROIDS, biosynthesis/ THECA CELL TUMOR, metabolism

761. **Covelli I, Consiglio E, Varrone S:** Isolation of a mitochondrial 9-S protein with malate dehydrogenase activity and its activation by thyroxine in vitro. Biochim Biophys Acta 184:678-81, 2 Sep 69
ANIMAL EXPERIMENTS/ CENTRIFUGATION, DENSITY GRADIENT/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS/ *MALATE DEHYDROGENASE/ MALATE DEHYDROGENASE, isolation & purification/ MITOCHONDRIA, MUSCLE, enzymology/ MOLECULAR WEIGHT/ MUSCLE PROTEINS, isolation & purification/ *MYOCARDIUM, enzymology/ SWINE/ *THYROXINE/ ULTRACENTRIFUGATION

762. **Coward WA, Howell JM, Thompson JN, et al:** The retinol requirements of rats for spermatogenesis and vision. Brit J Nutr 23:619-26, Aug 69
ANIMAL EXPERIMENTS/ *DIET/ ELECTRORETINOGRAPHY/ MALE/ ORGAN WEIGHT/ RATS/ RETINA, pathology/ *SPERMATOZOA, metabolism/ TESTIS, pathology/ *VISION/ *VITAMIN A/ VITAMIN A DEFICIENCY, drug therapy/ VITAMIN A DEFICIENCY, pathology

763. **Cowie AT:** Variations in the yield and composition of the milk during lactation in the rabbit and the galactopoietic effect of prolactin. J Endocr 44:437-50, Jul 69
ANIMAL EXPERIMENTS/ BODY WEIGHT/ FATS, analysis/ FEMALE/ *GALACTOSE, biosynthesis/ *LACTATION/ LACTOSE, analysis/ *MILK, analysis/ *PROLACTIN, pharmacodynamics/ PROTEINS, analysis/ RABBITS/ SPECIES SPECIFICITY/ TIME FACTORS

764. **Cowling DC, Rigo S, Martin FI:** The "YY syndrome". Med J Aust 2:443-6, 30 Aug 69
ADULT/ AGGRESSION/ CRIMINAL PSYCHOLOGY/ GROWTH DISORDERS, complications/ HEMOGLOBINOMETRY/ HUMAN/ KARYOTYPING/ MALE/ SEX CHARACTERISTICS/ *SEX CHROMOSOME ABNORMALITIES, complications/ TESTOSTERONE, blood/ VARICOSE VEINS, complications

765. **Cox DH, Chu RC, Schlicker SA:** Zinc deficiency in the maternal rat during gestation, and zinc, iron, copper, and calcium content and enzyme activity in maternal and fetal tissues. J Nutr 98:449-58, Aug 69
ADRENAL GLANDS/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ BONE AND BONES, analysis/ BRAIN, enzymology/ BRAIN CHEMISTRY/ CALCIUM, analysis/ CERULOPLASMIN, blood/ COPPER, analysis/ *DEFICIENCY DISEASES, metabolism/ FEMALE/ FETUS, analysis/ GESTATIONAL AGE/ IRON, analysis/ KIDNEY, analysis/ LACTATE DEHYDROGENASE, analysis/ LACTATE DEHYDROGENASE, blood/ LIVER, analysis/ LIVER, enzymology/ MATERNAL-FETAL EXCHANGE/ *METALS, analysis/ MUSCLES, analysis/ MYOCARDIUM, analysis/ MYOCARDIUM, enzymology/ ORGAN WEIGHT/ PREGNANCY/ RATS/ SPLEEN, analysis/ SUCCINATE DEHYDROGENASE, analysis/ THYMUS GLAND, analysis/ *ZINC/ ZINC, analysis

766. **Cox DH, Schlicker SA, Chu RC:** Excess dietary zinc for the maternal rat, and zinc, iron, copper, calcium, and magnesium content and enzyme activity in maternal and fetal tissues. J Nutr 98:459-66, Aug 69
ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ BRAIN CHEMISTRY/ CALCIUM, analysis/ CERULOPLASMIN, blood/ COPPER, analysis/ CYTOCHROME OXIDASE, analysis/ *DIET/ FEMALE/ FETUS, analysis/ HEMOGLOBINOMETRY/ IRON, analysis/ KIDNEY, analysis/ LIVER, analysis/ LIVER, enzymology/ MAGNESIUM, analysis/ MATERNAL-FETAL EXCHANGE/ *METALS, analysis/ MUSCLES, analysis/ MYOCARDIUM, analysis/ MYOCARDIUM, enzymology/ ORGAN WEIGHT/ PREGNANCY/ RATS/ SPLEEN, analysis/ SUCCINATE DEHYDROGENASE, analysis/ THYMUS GLAND, analysis/ XANTHINE OXIDASE, analysis/ ZINC, analysis/ *ZINC, pharmacodynamics

767. **Cox DM, Puck TT:** Chromosomal nondisjunction: the action of colcemid on Chinese hamster cells in vitro. Cytogenetics (Basel) 8:158-69, 1969
*ANEUPLOIDY, drug effects/ ANIMAL EXPERIMENTS/ CLONE CELLS/ *COLCHICINE, pharmacodynamics/ CYTOGENETICS/ FEMALE/ HAMSTERS/ IN VITRO/ KARYOTYPING/ OVARY, cytology/ *POLYPLOIDY, drug effects

768. **Cox HJ:** Progestogen-only oral contraceptives. Brit Med J 3:471-2, 23 Aug 69
*CONTRACEPTIVES, ORAL/ FEMALE/ HUMAN/ PREGNANCY/ *PROGESTATIONAL HORMONES, administration & dosage

769. **Coyle JT:** Chiasmatic arachnoiditis. A case report and review. Amer J Ophthal 68:345-9, Aug 69
ADOLESCENCE/ *ARACHNOIDITIS, diagnosis/ ARACHNOIDITIS, drug therapy/ ARACHNOIDITIS, etiology/ ARACHNOIDITIS, surgery/ CRANIOTOMY/ EYE DISEASES, diagnosis/ FACIAL PARALYSIS, etiology/ FEMALE/ HUMAN/ OPHTHALMOSCOPY/ *OPTIC CHIASM/ OPTIC CHIASM, surgery/ OPTIC NEURITIS, etiology/ PREDNISONE, therapeutic use/ TUBERCULOSIS, MENINGEAL, complications/ VENTRICULOGRAPHY/ VISION DISORDERS, etiology/ VISUAL FIELDS/ VITAMIN B 12, therapeutic use

770. **Craciun EC:** Uber zwei verschiedene Typen von bradyrhythmischen Gewebsschädigungen in der vorgeschrittenen reinen Seneszenz. Zbl Allg Path 112:179-83, 1969 (Ger)
*AGED/ ARTERIOSCLEROSIS, pathology/ BLOOD VESSELS, pathology/ *BRADYCARDIA, pathology/ FEMALE/ HUMAN/ *LIVER, pathology/ MALE/ MYOCARDIUM, pathology/ NERVE TISSUE, pathology/ PITUITARY GLAND, pathology/ SPLEEN, pathology/ *THALAMUS, pathology

771. **Crawford CO, Spence RJ:** Are strokes attacking younger people? New Zeal Med J 69:341-6, Jun 69
ADULT/ AGE FACTORS/ AGED/ CEREBRAL EMBOLISM AND THROMBOSIS, occurrence/ CEREBRAL HEMORRHAGE, occurrence/ *CEREBROVASCULAR DISORDERS, occurrence/ CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ HYPERTENSION, occurrence/ MALE/ MIDDLE AGE/ NEW ZEALAND/ STATISTICS/ SUBARACHNOID HEMORRHAGE, occurrence

772. **Cremaschi D, Giordana B, Lippe C, et al:** Effect of neurohypophyseal hormones and their mechanism of action on gall-bladder water transport. Arch Int Physiol 76:813-22, Dec 68
ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ARGININE/ BILE, metabolism/ *BIOLOGICAL TRANSPORT, drug effects/ EPITHELIUM, drug effects/ EPITHELIUM, metabolism/ GALLBLADDER, drug effects/ *GALLBLADDER, physiology/ IMIDAZOLES, pharmacodynamics/ LYSINE/ *OXYTOCIN, pharmacodynamics/ PERFUSION/ RABBITS/ THEOPHYLLINE, pharmacodynamics/ *VASOPRESSIN, pharmacodynamics/ *WATER, metabolism

773. **Cresto JC, Basabe JC, Kaiser LE, et al:** Sensibilidad del ácido cítrico plasmático en el raquitismo carencial. Arch Argent Pediat 66:136-43, Apr-Jun 68 (Spa)
*ACIDS, blood/ CHILD, PRESCHOOL/ *CITRATES, blood/ HUMAN/ METHODS/ *RICKETS, blood/ *VITAMIN D DEFICIENCY, blood

774. **Crighton DB, Schneider HP, McCann SM:** Possible

interaction of luteinizing hormone-releasing factor with other hypothalamic releasing factors at the level of the adenohypophysis. J Endocr 44:405-10, Jul 69
ANIMAL EXPERIMENTS/ ASCORBIC ACID/ BIOLOGICAL ASSAY/ CORTICOTROPIN RELEASING FACTOR, pharmacodynamics/ FSH, secretion/ GEL FILTRATION/ *LH, secretion/ MALE/ OVARY, metabolism/ *PITUITARY GLAND, metabolism/ *PITUITARY HORMONE RELEASING FACTORS, pharmacodynamics/ RATS/ SHEEP/ SOMATOTROPIN, secretion

775. **Criss WE, McKerns KW:** Inhibitors of the catalytic activity of bovine adrenal glucose-6-phosphate dehydrogenase.
Biochim Biophys Acta 184:486-94, 2 Sep 69
*ADRENAL GLANDS, enzymology/ ANDROGENS/ BINDING SITES/ CATTLE/ CHEMISTRY/ ESTRIOL/ ESTROGENS/ *FATTY ACIDS/ *GLUCOSEPHOSPHATE DEHYDROGENASE, antagonists & inhibitors/ HYDROXYPROGESTERONE/ KINETICS/ NADP/ PALMITIC ACID/ PROGESTERONE/ *STEROIDS/ *THYRONINE/ THYROXINE

776. **Crombie DL, Cross KW:** Oral contraceptives and thromboembolism. Brit Med J 3:654-5, 13 Sep 69
ADOLESCENCE/ ADULT/ AGE FACTORS/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ GREAT BRITAIN/ HUMAN/ MIDDLE AGE/ PARITY/ PREGNANCY/ *THROMBOEMBOLISM, chemically induced/ THROMBOEMBOLISM, occurrence

777. **Crone FL:** Utilisation des phosphates et poudre d'os dans le régime alimentaire comme facteur anticariogène. Etude expérimentale sur l'hamster.
Rev Franc Odontostomat 16:663-5, May 69 (Fre)
ANIMAL EXPERIMENTS/ *BONE AND BONES/ *CARIOSTATIC AGENTS/ *DENTAL CARIES, prevention & control/ *DIET/ HAMSTERS/ *PHOSPHATES

778. **Cronholm T:** Position of the sulfate group in steroid sulfates from human plasma.
Steroids 14:285-96, Sep 69
*ANDROSTANES, blood/ CHROMATOGRAPHY, GAS/ ESTERS/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, blood/ MALE/ METHODS/ PREGNANES, blood/ SPECTRUM ANALYSIS/ STEROLS, blood/ *SULFATES, blood

779. **Cross BA, Dyer RG:** Does oxytocin influence the activity of hypothalamic neurones?
J Physiol (London) 203:70P-71P, Jul 69
ANIMAL EXPERIMENTS/ ELECTROPHYSIOLOGY/ *HYPOTHALAMUS, physiology/ METHOHEXITAL, pharmacodynamics/ NEURONS, drug effects/ *OXYTOCIN, pharmacodynamics/ RATS

780. **Cross BA, Novin D, Sundsten JW:** Antidromic activation of neurones in the paraventricular nucleus by stimulation in the neural lobe of the pituitary.
J Physiol (London) 203:68P-70P, Jul 69
ANIMAL EXPERIMENTS/ DIENCEPHALON, cytology/ DIENCEPHALON, physiology/ ELECTRIC STIMULATION/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ *HYPOTHALAMUS, physiology/ *NEURONS, physiology/ *PITUITARY GLAND, POSTERIOR, physiology/ RABBITS

781. **Croughs W:** Diagnostiek van groeihormondeficiëntie op de kinderleeftijd.
Nederl T Geneesk 113:1390-5, 9 Aug 69 (Dut)
ARGININE, blood/ BLOOD SUGAR/ CHILD/ *DEFICIENCY DISEASES/ ENGLISH ABSTRACT/ GLUCOSE TOLERANCE TEST/ *GROWTH/ GROWTH DISORDERS, etiology/ HUMAN/ INSULIN, blood/ RADIOIMMUNOASSAY/ *SOMATOTROPIN/ SOMATOTROPIN, blood

782. **Crow KD, Kerdel-Vegas F, Rook A:** Acute febrile neutrophilic dermatosis. Sweet's syndrome.
Dermatologica (Basel) 139:123-34, 1969
AGED/ BIOPSY/ BLOOD SEDIMENTATION/ DIAGNOSIS, DIFFERENTIAL/ ERYTHEMA, diagnosis/ FEMALE/ HUMAN/ LEUKOCYTE COUNT/ MIDDLE AGE/ *NEUTROPHILS/ PREDNISOLONE, therapeutic use/ *RESPIRATORY TRACT INFECTIONS, complications/ SKIN, pathology/ SKIN DISEASES, blood/ *SKIN DISEASES, complications/ SKIN DISEASES, diagnosis/ SKIN DISEASES, drug therapy/ SKIN DISEASES, etiology/ SKIN DISEASES, pathology

783. **Cruz NA, Pimenta AM:** Algies symptomatiques associées à un syndrome endocranien de la base du crâne.
Ann Otolaryng (Paris) 86:259-66, Apr-May 69 (Fre)
ADENOMA, complications/ ANGIOSARCOMA, complications/ CHORDOMA, complications/ CRANIAL FOSSA, POSTERIOR/ CRANIAL NERVES/ CRANIOPHARYNGIOMA, complications/ *HEADACHE, etiology/ HUMAN/ INTRACRANIAL PRESSURE/ MENINGIOMA, complications/ NEURILEMMOMA, complications/ *PAIN, etiology/ *PERIPHERAL NERVE NEOPLASMS, complications/ *PITUITARY NEOPLASMS, complications/ *SKULL NEOPLASMS, complications

784. **Crystal RG, Baue AE:** Influence of hemorrhagic hypotension on measurements of the extracellular fluid volume. Surg Gynec Obstet 129:576-82, Sep 69
ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ DOGS/ *EXTRACELLULAR SPACE/ *HEMORRHAGE, physiopathology/ HYPOTENSION, physiopathology/ SPLENECTOMY/ SULFATES, analysis/ SULFUR ISOTOPES/ THIOCYANATES, analysis

785. **Csaba G, Hodinka L, Surján L Jr:** Transport of mast cells by the blood circulation.
Experientia 25:735-6, 1969
ANIMAL EXPERIMENTS/ ASCITIC FLUID, analysis/ *BLOOD CIRCULATION/ CORTISONE, pharmacodynamics/ *MAST CELLS/ METHODS/ RATS

786. **Csapo AI, Wiest WG:** An examination of the quantitative relationship between progesterone and the maintenance of pregnancy.
Endocrinology 85:735-46, Oct 69
ABORTION, prevention & control/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ CASTRATION/ ESTRADIOL, pharmacodynamics/ FEMALE/ FETUS/ GESTATIONAL AGE/ HYPERTROPHY/ ORGAN WEIGHT/ OVARY, surgery/ *PLACENTA, analysis/ PLACENTA, surgery/ PREGNANCY/ *PREGNANCY, ANIMAL/ *PROGESTERONE, analysis/ PROGESTERONE, blood/ PROGESTERONE, metabolism/ PROGESTERONE, pharmacodynamics/ RATS/ *UTERUS, analysis/ UTERUS, metabolism

787. **Cseh G, Fövényi J, Góth E, et al:** Lipotrop hormon (beta-lipotropin) kimutatása emberi hypophysisben (elözetes közlemény)
Orv Hetil 110:1546-7, 6 Jul 69 (Hun)
HUMAN/ LIPOTROPIN/ *PITUITARY GLAND/ *PITUITARY HORMONES, ANTERIOR, isolation & purification

788. **Csermely T, Demers LM, Hughes EC:** Organ culture of human endometrium. Effects of progesterone.
Obstet Gynec 34:252-9, Aug 69
ALKALINE PHOSPHATASE/ ENDOMETRIUM, analysis/ ENDOMETRIUM, anatomy & histology/ *ENDOMETRIUM, drug effects/ ENDOMETRIUM, enzymology/ FEMALE/ GLYCOGEN, analysis/ HISTOCYTOCHEMISTRY/ HUMAN/ IN VITRO/ *PROGESTERONE, pharmacodynamics/ TISSUE CULTURE

789. **Ctoni C, Carpi A:** Adrenocortical and adrenomedullary factors influencing the blood pressure response to splanchnic stimulation in the rat.
Ann Ist Sup Sanit 4:338-40, 1968
*ADRENAL GLANDS, physiology/ *ADRENAL

MEDULLA, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *BLOOD PRESSURE/ ELECTRIC STIMULATION/ RATS/ *SPLANCHNIC NERVES, physiology

790. **Cuisinier-Gleizes P, Mathieu H:** Effet de la carence en potassium sur l'absorption intestinale du calcium chez le rat en croissance.
Rev Franc Etud Clin Biol 14:395-400, Apr 69 (Fre)
ANIMAL EXPERIMENTS/ ANOREXIA NERVOSA, complications/ BODY WEIGHT/ CALCINOSIS, etiology/ CALCIUM, blood/ *CALCIUM, metabolism/ DIET/ ENGLISH ABSTRACT/ *INTESTINAL ABSORPTION/ MALE/ PHOSPHATES, blood/ POTASSIUM, urine/ *POTASSIUM DEFICIENCY/ RATS

791. **Cuminge D, Dubois R:** Propriétés excrétices de l'épithélium germinatif de l'embryon de poulet: étude structurale et autoradiographique au microscope électronique.
C R Acad Sci [D] (Paris) 269:74-7, 7 Jul 69 (Fre)
ANIMAL EXPERIMENTS/ CHICK EMBRYO/ *EPITHELIUM, metabolism/ *GONADS, embryology/ LEUCINE, metabolism/ MICROSCOPY, ELECTRON/ *PROTEINS, biosynthesis/ RADIOAUTOGRAPHY/ TRITIUM

792. **Currie C, Huseby RA:** A histochemical study of the effect of estrogen on oxidative enzymes in the testes of cryptorchid BALB/c mice.
Endocrinology 85:849-54, Nov 69
ANIMAL EXPERIMENTS/ *CRYPTORCHISM, enzymology/ DEPRESSION, CHEMICAL/ *DIETHYLSTILBESTROL, pharmacodynamics/ *GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ HISTOCYTOCHEMISTRY/ *HYDROXYSTEROID DEHYDROGENASE, metabolism/ ISOCITRATE DEHYDROGENASE, metabolism/ LACTATE DEHYDROGENASE, metabolism/ LEYDIG CELLS, drug effects/ *LEYDIG CELLS, enzymology/ MALE/ MICE/ *OXIDOREDUCTASES, metabolism/ STIMULATION, CHEMICAL/ *TESTIS, enzymology

793. **Czakó L, László FA, Kovács K, et al:** Diurnal variations of the plasma cortisol level in diabetes insipidus.
Acta Med Acad Sci Hung 26:197-202, 1969
ADOLESCENCE/ ADULT/ *CIRCADIAN RHYTHM/ CORTICOTROPIN, secretion/ *DIABETES INSIPIDUS, blood/ DIABETES MELLITUS, physiopathology/ FEMALE/ HUMAN/ *HYDROCORTISONE, blood/ MALE/ MIDDLE AGE/ VASOPRESSIN, secretion

794. **Czerwiński L, Klimek R, Zyguiska-Machowa H, et al:** Barwikooporny gruczolak przysadki mózgowej rozpoznawany jako podwzgórzyca pociążowa.
Ginek Pol 40:809-15, Jul 69 (Pol)
*ADENOMA, CHROMOPHOBE, diagnosis/ ADENOMA, CHROMOPHOBE, pathology/ ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPOTHALAMUS, physiopathology/ *PITUITARY NEOPLASMS, diagnosis/ *PREGNANCY COMPLICATIONS/ SELLA TURCICA, radiography

795. **Czub E:** Die Kastration des Ebers mit Wundverschluss durch Klammern. (Klinische Kurzmitteilung)
Deutsch Tieraerztl Wschr 76:433-4, 15 Aug 69 (Ger)
*CASTRATION/ ENGLISH ABSTRACT/ MALE/ METHODS/ SURGICAL STAPLERS/ *SUTURE TECHNICS/ *SWINE

796. **Czyba JC:** Sur quelques aspects de la maturation sexuelle chez le hamster doré mâle.
J Physiol (Paris) 60:Suppl 2:427, 1968 (Fre)
ANIMAL EXPERIMENTS/ HAMSTERS/ HIBERNATION/ MALE/ ORGAN WEIGHT/ *REPRODUCTION/ SEASONS/ SPERMATOZOA, growth & development/ TESTIS, growth & development/ *UROGENITAL SYSTEM, growth & development

D

797. **Dadoune JP, Abelanet R:** Etude au microscope électronique des modifications du tissu conjonctif dans le myxoedème prétibial.
Path Biol (Paris) 16:1053-60, Dec 68 (Fre)
COLLAGEN, metabolism/ *CONNECTIVE TISSUE, pathology/ FIBROBLASTS/ HUMAN/ LEG/ MICROSCOPY, ELECTRON/ MUCOPOLYSACCHARIDES, metabolism/ *MYXEDEMA, pathology

798. **Dafny N, Feldman S:** Effects of extra-hypothalamic structures on single cell activity in the posterior hypothalamus.
Electroenceph Clin Neurophysiol 27:219, Aug 69
ANIMAL EXPERIMENTS/ CATS/ HIPPOCAMPUS, physiology/ HYPOTHALAMUS, cytology/ *HYPOTHALAMUS, physiology/ MESENCEPHALON, cytology/ *MESENCEPHALON, physiology/ NEURONS, physiology/ RETICULAR FORMATION, physiology

799. **Daimon T, Suzuki K:** Histochemical and electron microscopic studies on the thyroid gland of the human fetus. Bull Tokyo Dent Coll 10:71-95, May 69
SPECIAL LIST DENTAL/ THYROID GLAND, embryology/ THYROID GLAND, secretion

800. **Dainiak LB, Buivalo SA:** Nekotorye voprosy mekhanizma deistviia kortizona pri mestnom vnutrinosovom ego vvedenii.
Vestn Otorinolaring 29:67-74, Nov-Dec 67 (Rus)
*ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ *CORTISONE, administration & dosage/ CORTISONE, pharmacodynamics/ ENGLISH ABSTRACT/ MALE/ *NASAL MUCOSA, drug effects/ RABBITS/ TURBINATES, drug effects

801. **Dajani AM:** Perineal testicle. A case report.
Irish J Med Sci 8:317-9, Jul 69
CASE REPORT/ HUMAN/ MALE/ MIDDLE AGE/ PERINEUM, abnormalities/ *TESTIS, abnormalities

802. **Dalgaard JB, Gregersen M:** Coronarthrombose nach hormonaler Antikonzeption.
Beitr Gerichtl Med 25:224-34, 1969 (Ger)
ADULT/ *CONTRACEPTIVES, ORAL, adverse effects/ *CORONARY DISEASE, chemically induced/ CORONARY DISEASE, complications/ CORONARY DISEASE, pathology/ CORONARY VESSELS, pathology/ DENMARK/ ENGLISH ABSTRACT/ FEMALE/ *FORENSIC MEDICINE/ HUMAN/ ILIAC VEIN/ MYOCARDIAL INFARCT, etiology/ MYOCARDIAL INFARCT, pathology/ MYOCARDIUM, pathology/ PULMONARY EMBOLISM, etiology/ *THROMBOEMBOLISM, chemically induced/ THROMBOPHLEBITIS, chemically induced/ THROMBOPHLEBITIS, complications

803. **Dall W, Milward NE:** Water intake, gut absorption and sodium fluxes in amphibious and aquatic fishes.
Comp Biochem Physiol 30:247-60, 15 Jul 69
ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ *FISHES, physiology/ *INTESTINAL ABSORPTION/ PHYSIOLOGY, COMPARATIVE/ *SODIUM, metabolism/ SODIUM ISOTOPES/ *WATER-ELECTROLYTE BALANCE

804. **Dallaire L:** Syndrome of retardation with urogenital and skeletal anomalies (Smith-Lemli-Opitz syndrome): clinical features and mode of inheritance.
J Med Genet 6:113-20, Jun 69
*ABNORMALITIES, MULTIPLE, familial & genetic/ ADULT/ BLOOD GROUPS/ *BONE AND BONES, abnormalities/ CHILD/ CLEFT PALATE, familial & genetic/ CRYPTORCHISM, familial & genetic/ DERMATOGLYPHICS/ FEMALE/ HEART DEFECTS, CONGENITAL, familial & genetic/ HUMAN/ HYPOSPADIAS, familial & genetic/ INFANT/ INFANT, NEWBORN/ MALE/ MATERNAL AGE/ *MENTAL RETARDATION, familial & genetic/ MICROCEPHALY, familial & genetic/ PEDIGREE/ PYLORIC STENOSIS, familial & genetic/ *UROGENITAL SYSTEM, abnormalities

805. **Dalley VM**: Radiotherapy in malignant disease of the ovary. Proc Roy Soc Med 62:359-61, Apr 69
CYSTADENOCARCINOMA, radiotherapy/ DISGERMINOMA, surgery/ FEMALE/ HUMAN/ OVARIAN NEOPLASMS, mortality/ *OVARIAN NEOPLASMS, radiotherapy/ OVARIAN NEOPLASMS, surgery/ RADIOTHERAPY DOSAGE/ RADIOTHERAPY, HIGH ENERGY

806. **Dallman MF, Yates FE**: Dynamic asymmetries in the corticosteroid feedback path and distribution-metabolism-binding elements of the adrenocortical system.
Ann NY Acad Sci 156:696-721, 21 Apr 69
*ADRENAL CORTEX HORMONES, metabolism/ ANIMAL EXPERIMENTS/ BINDING SITES/ CORTICOSTERONE, metabolism/ CORTICOTROPIN, metabolism/ *FEEDBACK/ HISTAMINE, metabolism/ INJECTIONS, INTRAVENOUS/ MODELS, BIOLOGIC/ RATS/ TIME

807. **Dal Monte PR, Sanguinetti M, Fiore E**: Grave depiezione idro-sodica senza perdita di potassio in un caso di tumore villoso del retto-sigma.
G Clin Med 48:1111-24, Nov 67 (Ita)
*ADENOMA, metabolism/ ADENOMA, pathology/ AGED/ DIARRHEA/ FEMALE/ HUMAN/ HYPERALDOSTERONISM, etiology/ *POTASSIUM, metabolism/ *RECTAL NEOPLASMS, metabolism/ RECTAL NEOPLASMS, pathology/ *SIGMOID NEOPLASMS, metabolism/ SIGMOID NEOPLASMS, pathology/ *SODIUM, metabolism/ *WATER-ELECTROLYTE BALANCE

808. **Damascelli B**: Study of the cervical veins by the translingual route in man. Amer J Med 47:392-4, Sep 69
CONTRAST MEDIA/ HUMAN/ JUGULAR VEIN, radiography/ METHODS/ *NECK, blood supply/ NECK NEOPLASMS, radiography/ *PHLEBOGRAPHY/ PHLEBOGRAPHY, adverse effects/ THYROID GLAND, blood supply/ VALSALVA'S MANEUVER/ VENA CAVA, SUPERIOR, radiography

809. **Damascelli B, Palmia C, Milani F**: Valore diagnostico della ecografia bi-dimensionale.
Minerva Radiol 13:581-8, Oct 68 (Ita)
BREAST NEOPLASMS, diagnosis/ *CARDIOVASCULAR DISEASES, diagnosis/ CYSTS, diagnosis/ ECHOCARDIOGRAPHY/ *ECHOENCEPHALOGRAPHY/ EYE DISEASES, diagnosis/ GASTROINTESTINAL DISEASES, diagnosis/ GYNECOLOGIC DISEASES, diagnosis/ GYNECOLOGIC NEOPLASMS, diagnosis/ HUMAN/ THYROID NEOPLASMS, diagnosis/ *ULTRASONICS, diagnostic use

810. **Dambacher MA, Guncaga J, Lauffenburger T, et al**: [Human calcitonin. Preliminary results of application in man] German Med Monthly 14:356-8, Jul 69 (Mul)
ADULT/ AGED/ *CALCIUM METABOLISM DISORDERS, drug therapy/ FEMALE/ FRUCTOSE, administration & dosage/ HUMAN/ INFUSIONS, PARENTERAL/ MALE/ MIDDLE AGE/ *THYROCALCITONIN, administration & dosage/ TIME FACTORS

811. **Dammacco F, Trizio D, Bonomo L**: A case of IgAK-myelomatosis with two urinary Bence-Jones proteins (BJK and BJL) and multiple chromosomal abnormalities. Acta Haemat (Basel) 41:309-20, 1969
ABDOMEN, radiography/ AGED/ *BENCE JONES PROTEIN, urine/ BLOOD PROTEIN ELECTROPHORESIS/ BLOOD SEDIMENTATION/ BLOOD UREA NITROGEN/ BONE MARROW EXAMINATION/ *CHROMOSOME ABNORMALITIES, urine/ FLUORESCENT ANTIBODY TECHNIC/ *GAMMA GLOBULIN, analysis/ HUMAN/ IMMUNOELECTROPHORESIS/ KARYOTYPING/ MALE/ MULTIPLE MYELOMA, immunology/ *MULTIPLE MYELOMA, urine/ OSTEOPOROSIS, diagnosis/ SKELETON, radiography/ THORAX, radiography/ ULTRACENTRIFUGATION

812. **Damsgaard-Sorensen P, Ohlsen AS**: Multiple metastasizing sweat gland carcinomas.
Acta Dermatovener (Stockholm) 49:314-8, 1969
*ADENOCARCINOMA/ ADRENAL GLAND NEOPLASMS/ BRAIN NEOPLASMS/ CASE REPORT/ FEMALE/ HUMAN/ KIDNEY NEOPLASMS/ LYMPH NODES/ MIDDLE AGE/ *NEOPLASM METASTASIS/ *NEOPLASMS, MULTIPLE PRIMARY/ *SWEAT GLAND NEOPLASMS

813. **Danilova LIa**: Rol' nadpochechnikov v regulatsii uglevodnogo obmena pri okhlazhdenii u zhivotnykh s razlichnym urovnem razvitiia termoreguliatsii.
Acta Biol Med German 21:625-34, 1968 (Rus)
*ADRENAL GLANDS, metabolism/ AGE FACTORS/ ANIMAL EXPERIMENTS/ BODY TEMPERATURE REGULATION/ CATS/ COLD/ DOGS/ ENGLISH ABSTRACT/ *EPINEPHRINE, secretion/ GLUCOCORTICOIDS, pharmacodynamics/ GLUCONEOGENESIS/ GLUCOSYLTRANSFERASES, pharmacodynamics/ *GLYCOGEN, metabolism/ HYPOTHERMIA, INDUCED/ RABBITS/ RATS

814. **Dao TL, Libby PR**: Conjugation of steroid hormones by breast-cancer tissue and selection of patients for adrenalectomy. Brit J Surg 56:627, Aug 69
*ADRENALECTOMY/ *BREAST NEOPLASMS, enzymology/ *DEHYDROEPIANDROSTERONE, metabolism/ *ESTRADIOL, metabolism/ ESTROGENIC SUBSTANCES, CONJUGATED, biosynthesis/ FEMALE/ HUMAN/ NEOPLASM METASTASIS, surgery

815. **Daragan VG, Posylina KV, Daragan TV**: Otsenka fraktsionnogo metoda opredeleniia éstrogenov v moche v usloviiakh ginekologicheskoĭ praktiki.
Lab Delo 5:286-8, 1968 (Rus)
ADULT/ CHROMATOGRAPHY/ *ESTRADIOL, urine/ *ESTRIOL, urine/ *ESTRONE, urine/ FEMALE/ *GYNECOLOGIC DISEASES, urine/ HUMAN

816. **Dargent M**: Considérations sur le traitement du cancer thyroïdien. Sem Hop Paris 43:1949-58, 20 Jun 67 (Fre)
ENGLISH ABSTRACT/ HUMAN/ IODINE ISOTOPES, therapeutic use/ NEOPLASM METASTASIS/ *THYROID NEOPLASMS, therapy/ THYROIDECTOMY

817. **Das NK, Alfert M**: Binding of labeled ribonucleic acid to basic proteins, a major diffic- ulty in ribonucleic acid-deoxyribonucleic acid hybridization in fixed cells in situ. J Histochem Cytochem 17:418-22, Jun 69
ACETATES/ ALCOHOL, ETHYL/ ANIMAL EXPERIMENTS/ ANNELIDA/ GERM CELLS, metabolism/ *HYBRIDIZATION/ IN VITRO/ INSECTS/ LIVER, metabolism/ MAGNESIUM SULFATE/ MICE/ PLANT PROTEINS, metabolism/ POLYVINYLS/ PROTEIN BINDING/ *PROTEINS, metabolism/ RIBONUCLEASE/ SODIUM CHLORIDE/ SULFATES/ TESTIS, metabolism/ TRICHLOROACETIC ACID/ TRITIUM/ URIDINE/ VEGETABLES

818. **Dasgupta J**: Analysis of male meiosis in Cephalocoema canaliculata Guérin (Orthoptera: Proscopiidae).
Cellule 67:131-6, 1968
ANIMAL EXPERIMENTS/ *CHROMOSOMES/ INSECTS/ KARYOTYPING/ MALE/ *MEIOSIS/ MITOSIS/ SEX CHROMOSOMES

819. **Daskalov A, Osmanlijev P, Nikolov T, et al**: Ergebnisse der Knochenmarktransfusion in der komplexen Behandlung hypo- und aplastischer Anämien.
Folia Haemat (Leipzig) 91:445-51, 1969 (Ger)
ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ AGRANULOCYTOSIS, etiology/ *ANEMIA, APLASTIC, therapy/ ANTIBODIES, analysis/ ANTINEOPLASTIC AGENTS, adverse effects/ BLOOD GROUPS/ BLOOD TRANSFUSION/ *BONE MARROW, transplantation/ COOMBS' TEST/ ENGLISH ABSTRACT/ ERYTHROCYTES, immunology/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ SPLENECTOMY/ VITAMIN B COMPLEX, therapeutic use

820. **Dässler CG**: The detection and characterization of 11-deoxycortisol (Compound S) in late pregnancy urine. Acta Endocr (Kobenhavn) 61:198-202, Jun 69
ADRENAL GLANDS, secretion/ CHROMATOGRAPHY, PAPER/ FEMALE/ FETAL DEATH, diagnosis/ GESTATIONAL AGE/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, urine/ *PREGNANCY

821. **Datta DV, Isselbacher KJ**: Effects of corticosteroids on mouse hepatitis virus infection. Gut 10:522-9, Jul 69
*ADRENAL CORTEX HORMONES, pharmacodynamics/ ALANINE AMINOTRANSFERASE, blood/ ANIMAL EXPERIMENTS/ GLUCURONIDASE, blood/ HEPATITIS, INFECTIOUS, microbiology/ HEPATITIS, INFECTIOUS, mortality/ *HEPATITIS, INFECTIOUS, pathology/ *HEPATITIS VIRUS, MOUSE, isolation & purification/ HYDROCORTISONE, pharmacodynamics/ MALE/ METHYLPREDNISOLONE, pharmacodynamics/ MICE

822. **Datta IC, Karkun JN, Kar AB**: Physiological and biochemical changes in cervix of goats during oestrus cycle. Indian Vet J 46:490-2, Jun 69
ANIMAL EXPERIMENTS/ *CERVIX UTERI, physiology/ *ESTRUS, physiology/ FEMALE/ *GOATS, physiology

823. **Dauben WG, Ellis DJ, Templeton WH**: The preparation of AB-dinor steroids. J Org Chem 34:2297-301, Aug 69
ANDROSTANES, chem synthesis/ CHOLESTANES, chem synthesis/ *NORSTEROIDS, chem synthesis

824. **Daubresse E, Daubresse JL**: A propos d'un cas d'incontinentia pigmenti.
Arch Belg Derm Syph 23:117-9, 1967 (Fre)
BLINDNESS, etiology/ CORTICOTROPIN, therapeutic use/ ENGLISH ABSTRACT/ EPILEPSY, drug therapy/ EPILEPSY, etiology/ FEMALE/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ INFANT, NEWBORN/ *NEUROLOGIC MANIFESTATIONS/ *PIGMENTATION DISORDERS, complications/ PIGMENTATION DISORDERS, drug therapy

825. **David GS, Todd CW**: Suppression of heavy and light chain allotypic expression in homozygous rabbits through embryo transfer.
Proc Nat Acad Sci USA 62:860-6, Mar 69
ANIMAL EXPERIMENTS/ *EMBRYO, immunology/ EMBRYO, transplantation/ FEMALE/ *GAMMA GLOBULIN/ GEL DIFFUSION TESTS/ GONADOTROPINS, CHORIONIC/ IMMUNOCHEMISTRY/ *IMMUNOLOGY/ MALE/ METHODS/ RABBITS/ TRANSPLANTATION, HOMOLOGOUS

826. **David JH**: Bócio endémico no nordeste do distrito da Lunda (Angola)
An Esc Nac Saude Publica Med Trop (Lisboa) 2:203-11, Jan-Dec 68 (Por)
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ ANGOLA/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ EPIDEMIOLOGIC METHODS/ FEMALE/ *GOITER, occurrence/ GOITER, ENDEMIC, occurrence/ HUMAN/ MALE/ MIDDLE AGE/ SEX FACTORS

827. **David-Nelson MA, Brodish A**: Evidence for a diurnal rhythm of corticotropin-releasing factor (CRF) in the hypothalamus. Endocrinology 85:861-6, Nov 69
ANIMAL EXPERIMENTS/ *CIRCADIAN RHYTHM/ CORTICOSTERONE, blood/ *CORTICOTROPIN RELEASING FACTOR, metabolism/ DARKNESS/ DEXAMETHASONE, pharmacodynamics/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ *HYPOTHALAMUS, physiology/ LIGHT/ MALE/ PENTOBARBITAL, pharmacodynamics/ PITUITARY-ADRENAL SYSTEM/ RATS

828. **Davidson JM, Feldman S, Jones LE, et al**: The cental nervous system and pituitary-adrenocortical feedback mechanisms.
Rass Neurol Veg 21:9-27, 30 Apr 67
*ADRENAL CORTEX HORMONES, pharmacodynamics/ ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ CIRCADIAN RHYTHM/ CORTICOTROPIN, antagonists & inhibitors/ *CORTICOTROPIN, secretion/ FEEDBACK/ HYDROCORTISONE, pharmacodynamics/ *HYPOTHALAMUS, drug effects/ *PITUITARY-ADRENAL SYSTEM/ RATS

829. **Davies J, Robson JM, Sullivan FM**: Effects of drugs on placental function and their relation to congenital abnormalities. Proc Roy Soc Med 62:317-8, Apr 69
*ABNORMALITIES, DRUG-INDUCED/ ANGIOTENSIN AMIDE, adverse effects/ ANIMAL EXPERIMENTS/ EPINEPHRINE, adverse effects/ FEMALE/ FETAL DEATH, etiology/ HUMAN/ INFANT, NEWBORN/ ISOPROTERENOL, adverse effects/ MATERNAL-FETAL EXCHANGE, drug effects/ MICE/ NOREPINEPHRINE, adverse effects/ *PLACENTA, drug effects/ PREGNANCY/ RABBITS/ RATS/ SEROTONIN, administration & dosage/ SEROTONIN, adverse effects/ VASOPRESSIN, adverse effects

830. **Davio EL**: Nursing management of patients with thyroid dysfunction. J Pract Nurs 19:33 passim, Sep 69
HYPERTHYROIDISM, nursing/ HYPOTHYROIDISM, nursing/ SPECIAL LIST NURSING

831. **Davis JR, Langford GA**: Response of the isolated testicular capsule of the rat to autonomic drugs.
J Reprod Fertil 19:595-8, Aug 69
ACETYLCHOLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *AUTONOMIC DRUGS, pharmacodynamics/ BARIUM, pharmacodynamics/ CARBACHOL, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ HISTAMINE, pharmacodynamics/ IN VITRO/ ISOPROTERENOL, pharmacodynamics/ MALE/ MUSCLE CONTRACTION, drug effects/ NOREPINEPHRINE, pharmacodynamics/ PILOCARPINE, pharmacodynamics/ RATS/ *TESTIS, drug effects/ TETRAETHYLAMMONIUM COMPOUNDS, pharmacodynamics

832. **Davis JW, Wilson SJ**: The effect of quinidine on the uptake and release of serotonin by platelets in vitro.
Proc Soc Exp Biol Med 131:1107-10, Sep 69
BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ DEPRESSION, CHEMICAL/ HUMAN/ KINETICS/ *QUINIDINE, pharmacodynamics/ SEROTONIN, blood/ *SEROTONIN, metabolism/ STIMULATION, CHEMICAL

833. **Davis KA, Hatefi Y**: Kinetics of the resolution of complex I (reduced diphosphopyridine nucleotide-coenzyme Q reductase) of the mitochondrial electron transport system by chaotropic agents.
Biochemistry (Wash) 8:3355-61, Aug 69
ANIMAL EXPERIMENTS/ CATTLE/ CHEMISTRY/ DRUG STABILITY/ *ELECTRON TRANSPORT, drug effects/ GUANIDINES/ HYDROGEN-ION CONCENTRATION/ IRON/ KINETICS/ METHODS/ *MITOCHONDRIA, MUSCLE, enzymology/ *MYOCARDIUM, enzymology/ NAD/ NADP/ *OXIDOREDUCTASES/ OXYGEN/ PERCHLORIC ACIDS/ PROTEINS/ SOLUBILITY/ SULFUR/ TEMPERATURE/ THIOCYANATES/ UBIQUINONE/ UREA/ WATER

834. **Dawson CM, Hales CN**: The effect of hypophysectomy on rat liver glucokinase activity and on plasma glucose, insulin and nonesterified fatty acid concentrations.
Biochim Biophys Acta 184:287-98, 30 Jul 69
AGE FACTORS/ ANIMAL EXPERIMENTS/

*BLOOD SUGAR, metabolism/ BODY WEIGHT/ DRUG SYNERGISM/ *FATTY ACIDS, NONESTERIFIED, blood/ *GLUCOKINASE, metabolism/ HYDROCORTISONE, pharmacodynamics/ HYPOPHYSECTOMY/ *INSULIN, blood/ *LIVER, enzymology/ MALE/ PHOSPHOFRUCTOKINASE, metabolism/ *PITUITARY GLAND, physiology/ PYRUVATE KINASE, metabolism/ RATS/ SOMATOTROPIN, pharmacodynamics/ STIMULATION, CHEMICAL/ THYROXINE, pharmacodynamics/ TIME FACTORS

835. Day EA, Malcom GT, Beeler MF: Tumor sterols.
Metabolism 18:646-51, Aug 69
ADULT/ AGED/ *BREAST NEOPLASMS, metabolism/ CARCINOMA, metabolism/ CHOLESTANES, metabolism/ *CHOLESTEROL, metabolism/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ FEMALE/ *GRANULOSA CELL TUMOR, metabolism/ HUMAN/ *KIDNEY NEOPLASMS, metabolism/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ *OVARIAN NEOPLASMS, metabolism/ SARCOMA, metabolism/ *STEROLS, metabolism/ *THYROID NEOPLASMS, metabolism/ *UTERINE NEOPLASMS, metabolism

836. Day ED, Rigsbee LC: Distribution analysis of brain-localized radioantibodies after zonal ultracentrifugation in a sucrose density-gradient.
J Immun 103:556-8, Sep 69
ANIMAL EXPERIMENTS/ *ANTIBODY FORMATION/ ANTIGENS/ *BRAIN, immunology/ CENTRIFUGATION, DENSITY GRADIENT/ GLOBULINS, analysis/ IODOPROTEINS/ MATHEMATICS/ RATS

837. Dear MG: Probable hyperadrenocorticalism with concurrent hepatic failure in the dog.
Vet Rec 85:37-40, 12 Jul 69
ABDOMEN, radiography/ BLOOD UREA NITROGEN/ CHOLESTEROL, blood/ CUSHING'S SYNDROME, complications/ CUSHING'S SYNDROME, radiography/ *CUSHING'S SYNDROME, veterinary/ *DOG DISEASES/ DOGS/ ELECTROCARDIOGRAPHY/ ENZYMES, blood/ FEMALE/ LEUKOCYTE COUNT/ LIVER DISEASES, complications/ *LIVER DISEASES, veterinary/ SODIUM, blood/ THORACIC RADIOGRAPHY

838. Debono M, Molloy RM: A convenient synthesis of 11 beta, 17 beta-dihydroxy-estr-4,9(10)-dien-3-one.
Steroids 14:219-22, Aug 69
CHEMISTRY/ *ESTRANES, chem synthesis

839. De Dominicis R, Nori Bufalini G, Torchiana B, et al: Studio linfografico di interventi di cellulo-linfoadenectomia lombo-aortica per tumori del testicolo.
Radiol Med (Torino) 54:1159-79, Nov 68 (Ita)
ADULT/ CASTRATION/ DISGERMINOMA, radiotherapy/ *DISGERMINOMA, surgery/ ENGLISH ABSTRACT/ HUMAN/ *LYMPH NODE EXCISION/ LYMPHOGRAPHY/ MALE/ MIDDLE AGE/ *TERATOID TUMOR, surgery/ TESTICULAR NEOPLASMS, radiotherapy/ *TESTICULAR NEOPLASMS, surgery

840. De Kretser DM: Ultrastructural features of human spermiogenesis. Z Zellforsch 98:477-505, 1969
ADULT/ BIOPSY/ CELL NUCLEUS/ CYTOPLASM/ HISTOLOGICAL TECHNICS/ HUMAN/ MALE/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ MITOCHONDRIA/ *SPERMATOZOA, cytology/ *TESTIS, cytology

841. Defares JG: Gevoelsleven, hormonen en biologische veroudering. T Ziekenverpl 22:802-4, 1 Sep 69 (Dut)
AGING/ EMOTIONS/ HORMONES, physiology/ SPECIAL LIST NURSING

842. De George FV: An association of Rh type and gynaecological disease with twinning.
J Med Genet 6:121-5, Jun 69
ABO FACTORS/ ADULT/ BLOOD GROUP INCOMPATIBILITY/ *BLOOD GROUPS/ FEMALE/ HUMAN/ *LEIOMYOMA, familial & genetic/ MATERNAL AGE/ *OVARIAN CYSTS, familial & genetic/ *RH FACTORS/ *TWINS/ *UTERINE NEOPLASMS, familial & genetic

843. Degroot LJ, Jaksina S: Inhibition of iodotyrosine formation by analogs of tyrosine.
J Lab Clin Med 74:257-64, Aug 69
ANIMAL EXPERIMENTS/ CATTLE/ CHEMISTRY/ CHROMATOGRAPHY/ HUMAN/ *IODINE/ IODINE ISOTOPES/ IODOTYROSINE/ METHANE/ *METHYLDOPA/ METHYLDOPA, therapeutic use/ PROTEIN BINDING/ THYROID GLAND, metabolism/ *THYROID HORMONES/ TISSUE CULTURE/ *TYROSINE

844. Deguchi T: [Histochemical study of periodontal tissue during tooth movement in the rat]
J Jap Orthodont Soc 28:1-11, Jun 69 (Jap)
ACID PHOSPHATASE, analysis/ ALKALINE PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ CORTISONE, pharmacodynamics/ ENGLISH ABSTRACT/ GLUCOSEPHOSPHATE DEHYDROGENASE, analysis/ HISTOCYTOCHEMISTRY/ LACTATE DEHYDROGENASE, analysis/ MALE/ PARATHYROID HORMONE, pharmacodynamics/ *PERIODONTIUM, enzymology/ RATS/ SUCCINATE DEHYDROGENASE, analysis/ TIME FACTORS/ *TOOTH MOBILITY

845. Deinega VG: O znachenii nadpochechnikov pri vozdeĭstvii metano-kisloródnoĭ gipoksicheskoĭ gazovoĭ smesi. Gig Tr Prof Zabol 13:57, Mar 69 (Rus)
*ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *ANOXIA/ COAL MINING/ HYDROCORTISONE, therapeutic use/ *INDUSTRIAL MEDICINE/ *METHANE, poisoning/ OXYGEN/ RATS

846. Dekhtiar' EG, Klubok IM: Apopleksiia iaichnika i ostryĭ appenditsit. Klin Khir (Kiev) 2:48-9, Feb 68 (Rus)
ACUTE DISEASE/ *APPENDICITIS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *HEMORRHAGE, diagnosis/ HUMAN/ MIDDLE AGE/ *OVARIAN DISEASES, diagnosis

847. De la Peña Regidor P, Martín Sánchez A: Consideraciones a falsas interpretaciones en las imagenes H.S.G. por tumor de ovario.
Acta Obstet Ginecol Hisp Lusit 17:237-8, May 69 (Spa)
ADULT/ FEMALE/ HUMAN/ *HYSTEROSALPINGOGRAPHY/ *OVARIAN NEOPLASMS, radiography

848. Delecour M, Monnier JC: Rôle de la région hypothalamo-hypophysaire dans la sécrétion lactée.
Rev Franc Gynec Obstet 62:227-32, Apr-May 67 (Fre)
BREAST, physiology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ HYPOTHALAMUS, physiology/ *LACTATION/ PITUITARY GLAND, physiology/ PITUITARY HORMONE RELEASING FACTORS/ PROLACTIN

849. Delecour M, Monnier JC, Begueri F: Hypophyse et gravido-puerpéralité.
Rev Franc Gynec Obstet 62:233-41, Apr-May 67 (Fre)
ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ LABOR/ *PITUITARY GLAND, physiology/ *PITUITARY GLAND, POSTERIOR, physiology/ PITUITARY GLAND, POSTERIOR, physiopathology/ PITUITARY HORMONES, POSTERIOR, physiology/ *PREGNANCY/ *PUERPERAL DISORDERS, etiology/ STERILITY

850. De Leo T, Barletta A, Di Meo S: Effects of testosterone and of tri-iodothyronine on the levels of mitochondrial DNA and RNA from rat liver.
Life Sci 8:747-55, 15 Jul 69
ANIMAL EXPERIMENTS/ BASAL METABOLISM/ CASTRATION/ *DNA, analysis/ MALE/ MITOCHONDRIA, LIVER, analysis/

*MITOCHONDRIA, LIVER, drug effects/ PROTEIN-BOUND IODINE TEST/ PROTEINS, analysis/ RATS/ *RNA, analysis/ *TESTOSTERONE, pharmacodynamics/ THYROIDECTOMY/ *TRIIODOTHYRONINE, pharmacodynamics

851. **D'Elia R, Guglielmi M:** Ganglioneuroma retroperitoneale in neonato.
Acta Chir Ital 23:675-81, Nov-Dec 67 (Ita)
ADRENAL GLAND NEOPLASMS/ CASE REPORT/ *GANGLIONEUROMA/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ MALE/ *RETROPERITONEAL NEOPLASMS

852. **Della Corte F, Galgano M, Varano L:** Osservazioni ultrastrutturali sulle cellule di Leydig di Lacerta s. sicula Raf. in esemplari di gennaio e di maggio.
Z Zellforsch 98:561-75, 1969 (Ger)
ANIMAL EXPERIMENTS/ ENDOPLASMIC RETICULUM/ ENGLISH ABSTRACT/ HISTOLOGICAL TECHNICS/ *LEYDIG CELLS, cytology/ LEYDIG CELLS, metabolism/ *LIZARDS, cytology/ LYSOSOMES/ MALE/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ SEASONS/ SEX HORMONES, metabolism/ *TESTIS, cytology

853. **Della Porta G, Colnaghi MI, Parmiani G:** Non-carcinogenicity of hexamethylenetetramine in mice and rats. Food Cosmet Toxic 6:707-15, Dec 68
ADENOMA, chemically induced/ ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ CARCINOMA, chemically induced/ ENDOCRINE DISEASES, chemically induced/ FEMALE/ GASTROINTESTINAL NEOPLASMS, chemically induced/ HEPATOMA, chemically induced/ LEUKEMIA, chemically induced/ LIVER NEOPLASMS, chemically induced/ LYMPHOMA, chemically induced/ MALE/ MAMMARY NEOPLASMS, EXPERIMENTAL, chemically induced/ *METHENAMINE/ MICE/ *NEOPLASMS, chemically induced/ RATS/ SKIN NEOPLASMS, chemically induced/ UROGENITAL NEOPLASMS, chemically induced

854. **Delmas-Marsalet Y, Leduc M, Lerche B, et al:** Tumeur du thymus et lupus érythémateux disséminé. Etude anatomoclinique et considérations physio-pathologiques.
Presse Med 77:821-3, 3 May 69 (Fre)
ADULT/ ENGLISH ABSTRACT/ ERYTHRODERMA/ FEMALE/ HUMAN/ INFARCTION, complications/ LEUKOPENIA/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ LUPUS ERYTHEMATOSUS, SYSTEMIC, diagnosis/ MYASTHENIA GRAVIS, immunology/ PARAPLEGIA, complications/ SPLENOMEGALY/ THYMECTOMY/ *THYMOMA, complications/ THYMOMA, diagnosis/ THYMOMA, immunology/ *THYMUS NEOPLASMS, complications/ THYMUS NEOPLASMS, diagnosis/ THYMUS NEOPLASMS, immunology

855. **Delost P:** Données nouvelles sur les cycles endocriniens saisonniers.
J Physiol (Paris) 60:Suppl 2:356, 1968 (Fre)
ADRENAL GLANDS, physiology/ ANDROGENS, metabolism/ ANIMAL EXPERIMENTS/ BLOOD SUGAR/ CORTICOSTERONE, metabolism/ *ENDOCRINE GLANDS, physiology/ FLUOROMETRY/ MALE/ ORGAN WEIGHT/ RODENTS/ *SEASONS/ SEMINAL VESICLES, physiology/ TESTIS, anatomy & histology/ TESTIS, physiology/ THYROID GLAND, physiology/ THYROID HORMONES, metabolism/ UROGENITAL SYSTEM, physiology

856. **Delost P, Terroine T:** Sur l'origine des troubles sexuels males de la carence en biotine. Traitments hormonaux et vitaminiques.
Arch Sci Physiol (Paris) 23:243-68, 1969 (Fre)
ANIMAL EXPERIMENTS/ *AVITAMINOSIS, complications/ BIOTIN/ *BIOTIN/ BODY WEIGHT/ EPIDIDYMIS, anatomy & histology/ *GONADOTROPINS, therapeutic use/ GONADOTROPINS, CHORIONIC, therapeutic use/ MALE/ ORGAN WEIGHT/ PROSTATE, anatomy & histology/ PYRIDOXINE, therapeutic use/ RATS/ SEMINAL VESICLES, anatomy & histology/ SEMINAL VESICLES, pathology/ *SEX DISORDERS, drug therapy/ *SEX DISORDERS, etiology/ TESTIS, anatomy & histology/ TESTIS, pathology/ *TESTOSTERONE, therapeutic use

857. **DeLuca HF:** Recent advances in the metabolism and function of vitamin D. Fed Proc 28:1678-89, Sep-Oct 69
ALPHA GLOBULIN/ ANIMAL EXPERIMENTS/ BONE AND BONES, metabolism/ CHOLECALCIFEROL, metabolism/ INTESTINAL MUCOSA, metabolism/ INTESTINES, metabolism/ RATS/ REVIEW/ VITAMIN D, chem synthesis/ *VITAMIN D, metabolism/ VITAMIN D, physiology/ VITAMIN D DEFICIENCY, metabolism

858. **Delwaide PA:** L'anthropogammamètre (whole body counter) de Liège. II. Mesures de potassium corporel total. Résultats cliniques préliminaires.
Ann Biol Clin (Paris) 27:341-54, May-Jun 69 (Fre)
ADULT/ AGED/ ANGINA PECTORIS, metabolism/ DIABETES MELLITUS, metabolism/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERTENSION, metabolism/ HYPERTHYROIDISM, metabolism/ KIDNEY FAILURE, CHRONIC, metabolism/ LIVER CIRRHOSIS, metabolism/ MALE/ MASS SCREENING/ MIDDLE AGE/ *POTASSIUM, analysis/ POTASSIUM ISOTOPES/ *RADIOMETRY, instrumentation

859. **Delwaide PA:** Etudes sur l'action biologique du benz(a)pyrène. 3. Localisation du benz(a)pyrène tritíe chez le rat après administration intrapéritonéale.
Biochem Pharmacol 18:1275-83, Jun 69 (Fre)
ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ BENZOPYRENES, metabolism/ *BENZOPYRENES, pharmacodynamics/ ENGLISH ABSTRACT/ ETHERS/ INJECTIONS, INTRAPERITONEAL/ KIDNEY, metabolism/ LIVER, cytology/ LIVER, metabolism/ MALE/ MICROSOMES, metabolism/ MYOCARDIUM, metabolism/ RATS/ SPLEEN, metabolism/ TESTIS, metabolism/ TIME FACTORS/ TRITIUM

860. **De Meis L:** Ca2+ uptake and acetyl phosphatase of skeletal muscle microsomes. Inhibition by Na+, K+, Li+, and adenosine triphosphate.
J Biol Chem 244:3733-9, 25 Jul 69
*ACETATES, metabolism/ ADENOSINE TRIPHOSPHATASE, metabolism/ *ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ IN VITRO/ *LITHIUM, pharmacodynamics/ MAGNESIUM, pharmacodynamics/ MICROSOMES, drug effects/ *MICROSOMES, metabolism/ MUSCLES, metabolism/ OSMOLAR CONCENTRATION/ PHOSPHATASES, antagonists & inhibitors/ PHOSPHATASES, metabolism/ *POTASSIUM CHLORIDE, pharmacodynamics/ RABBITS/ *SODIUM CHLORIDE, pharmacodynamics

861. **Demers R:** L'utilisation rationnelle des corticostéroides en rhumatologie.
Un Med Canada 96:933-5, Aug 67 (Fre)
*ADRENAL CORTEX HORMONES, therapeutic use/ HUMAN/ *RHEUMATISM, drug therapy

862. **Demets A:** Traitement de l'hypersensibilité aux rayons solaires au moyen d'A.C.T.H.
Bruxelles Med 49:345-8, May 69 (Fre)
ADULT/ CHILD/ CORTICOTROPIN, administration & dosage/ *CORTICOTROPIN, therapeutic use/ FEMALE/ HUMAN/ *HYPERSENSITIVITY, drug therapy/ INJECTIONS, INTRAVENOUS/ MALE/ MIDDLE AGE/ *SUNBURN, drug therapy

863. **Demisch K, Birkelbach P, Ammedick U, et al:**

Subcellular distribution of testosterone metabolites after perfusion of isolated livers of guinea pig. Acta Endocr (Kobenhavn) 62:147-52, Sep 69
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ GUINEA PIGS/ *LIVER, metabolism/ *TESTOSTERONE, metabolism

864. **Demisch K, Staib W:** Der Testosteronstoffwechsel in der isoliert perfundierten Meerschweinchenleber. Naunyn Schmiedeberg Arch Pharm 263:264-5, 1969 (Ger)
ANDROSTANES, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ ETIOCHOLANOLONE, isolation & purification/ FEMALE/ GUINEA PIGS/ HYDROXYLASES, metabolism/ IN VITRO/ 17-KETOSTEROIDS, metabolism/ *LIVER, metabolism/ MALE/ PERFUSION/ *TESTOSTERONE, metabolism

865. **De Nayer P, Kozyreff P, De Visscher M:** Synthèse de peptides en système acellulaire thyroïdien. Arch Int Physiol 77:373-4, May 69 (Fre)
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CATTLE/ CELL-FREE SYSTEM/ CENTRIFUGATION, DENSITY GRADIENT/ GEL FILTRATION/ LEUCINE, metabolism/ *PEPTIDES, biosynthesis/ RIBOSOMES, metabolism/ THYROGLOBULIN, biosynthesis/ *THYROID GLAND, metabolism/ ULTRACENTRIFUGATION

866. **Denell RE, Judd BH, Richardson RH:** Distorted sex ratios due to segregation distorter in Drosophila melanogaster. Genetics 61:129-39, Jan 69
AGING/ ANIMAL EXPERIMENTS/ DROSOPHILA/ FEMALE/ MALE/ *MEIOSIS/ *SEX CHROMOSOMES/ *SEX RATIO/ SPERMATOZOA/ TEMPERATURE

867. **Denisova MI, Rabotnikov IuM:** O protivovospalitel'nom deĭstvii piridoksina. Farmakol Toksik 32:306-8, May-Jun 69 (Rus)
ANIMAL EXPERIMENTS/ *ANTI-INFLAMMATORY AGENTS, therapeutic use/ *CAPILLARY PERMEABILITY, drug effects/ DEXTRAN/ ENGLISH ABSTRACT/ FEMALE/ FORMALDEHYDE/ INFLAMMATION, chemically induced/ *INFLAMMATION, drug therapy/ INFLAMMATION, prevention & control/ MALE/ *PYRIDOXINE, therapeutic use/ RATS/ SEROTONIN

868. **Deodhar SD, Rosenberg IN:** Effects of actinomycin D on the thyroid. Endocrinology 85:629-37, Oct 69
ADENOSINE TRIPHOSPHATE, analysis/ ANIMAL EXPERIMENTS/ CYCLOHEXIMIDE, pharmacodynamics/ *DACTINOMYCIN, pharmacodynamics/ DEPRESSION, CHEMICAL/ DIIODOTYROSINE, metabolism/ IODIDES, blood/ *IODIDES, metabolism/ IODINE ISOTOPES/ IODOTYROSINE, metabolism/ MALE/ PROTEINS, biosynthesis/ RATS/ TECHNETIUM/ THYROGLOBULIN, biosynthesis/ THYROID GLAND, drug effects/ *THYROID GLAND, physiology/ THYROTROPIN, pharmacodynamics

869. **De Portugal Alvarez J, Solis Herruzo JA:** La osteoclastosis difusa en algunas formas de osteoporósis: una hipotesis de trabajo. Rev Clin Esp 110:127-36, 31 Jul 68 (52 ref.) (Spa)
ADOLESCENCE/ BONE AND BONES, metabolism/ HOMEOSTASIS/ HUMAN/ *OSTEOCLASTS, growth & development/ OSTEOPOROSIS, classification/ *OSTEOPOROSIS, etiology/ RETICULOENDOTHELIOSIS/ REVIEW/ SPINAL DISEASES

870. **De Prospo ND, Safinski RJ, De Martino LJ, et al:** Melatonin and its precursors' effects on 131-I uptake by the thyroid gland under different photic conditions. Life Sci 8:837-42, 1 Aug 69
ANIMAL EXPERIMENTS/ CORTICOSTERONE, biosynthesis/ CORTICOTROPIN, secretion/ DARKNESS/ FEMALE/ HYDROXYTRYPTOPHAN, pharmacodynamics/ *IODINE ISOTOPES, metabolism/ *LIGHT/ MELATONIN, biosynthesis/ *MELATONIN, pharmacodynamics/ ORGAN WEIGHT/ PITUITARY GLAND, drug effects/ RATS/ SEROTONIN, pharmacodynamics/ THYROID GLAND, drug effects/ *THYROID GLAND, metabolism

871. **De Schaepdryver A, Preziosi P, Scapagnini U:** Brain monoamines and adrenocortical activation. Brit J Pharmacol 35:460-7, Mar 69
*ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ *BRAIN CHEMISTRY/ CORTICOSTERONE, blood/ CORTICOSTERONE, secretion/ CORTICOTROPIN, secretion/ CORTICOTROPIN RELEASING FACTOR, metabolism/ *DOPAMINE, analysis/ MALE/ NIALAMIDE, pharmacodynamics/ *NOREPINEPHRINE, analysis/ PHENYLALANINE, pharmacodynamics/ PITUITARY GLAND, secretion/ PRENYLAMINE, pharmacodynamics/ RATS/ *SEROTONIN, analysis/ STRESS

872. **Descomps B, Nicolas JC, Crastes de Paulet A:** Isolement de la 17-beta-hydroxysteroïde: NAD oxydorecudtase du placenta humain. Bull Soc Chim Biol (Paris) 50:1681-93, 30 Jan 69 (Fre)
ACRYLATES/ CHROMATOGRAPHY, ION EXCHANGE/ COMPARATIVE STUDY/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ ESTRANES/ FEMALE/ GEL FILTRATION/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS/ *HYDROXYSTEROID DEHYDROGENASE, isolation & purification/ METHODS/ MOLECULAR WEIGHT/ NAD/ NADP/ *PLACENTA, enzymology/ PREGNANCY

873. **Despons JL:** Traitement des affections inflammatories du conduit auditif externe par l'association: polymyxine B, néomycine, acétonide de fluocinolone. J Med Bordeaux 144:915-7, Jun 67 (Fre)
*FLUOCINOLONE ACETONIDE, administration & dosage/ HUMAN/ *NEOMYCIN, administration & dosage/ *OTITIS EXTERNA, drug therapy/ *POLYMYXIN, administration & dosage

874. **Detenbeck LC, Jowsey J:** The effect of thyroidectomy and parathyroidectomy in the remodelling of bone defects in adult dogs. Clin Orthop 65:199-202, Jul-Aug 69
ANIMAL EXPERIMENTS/ *BONE REGENERATION/ DOGS/ MALE/ MICRORADIOGRAPHY/ PARATHYROID GLANDS, physiology/ PARATHYROID GLANDS, surgery/ *PARATHYROID HORMONE, physiology/ THYROID GLAND, physiology/ *THYROID HORMONES, physiology/ THYROIDECTOMY/ ULNA, metabolism/ ULNA, pathology/ *WOUND HEALING

875. **Detenbeck LC, Jowsey J:** Normal aging in the bone of the adult dog. Clin Orthop 65:76-80, Jul-Aug 69
*AGING/ ANIMAL EXPERIMENTS/ BONE AND BONES, anatomy & histology/ *BONE DEVELOPMENT/ *BONE RESORPTION/ CALCIUM, blood/ DENSITOMETRY/ DOGS/ *FEMUR, anatomy & histology/ HAVERSIAN SYSTEM/ MICRORADIOGRAPHY/ PHOSPHORUS, blood

876. **Deutsch A, Gudmundson C:** Isolation and fractionation of ribonucleic acids from regenerating rabbit bone. Calcif Tissue Res 3:249-60, 1969
ANIMAL EXPERIMENTS/ *BONE AND BONES, analysis/ *BONE REGENERATION/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY/ HYDROGEN-ION CONCENTRATION/ MOLECULAR WEIGHT/ RABBITS/ RADIUS/ *RNA, analysis

877. **Devoĭno LV, Eremina OF, Il'iuchenok RIu:** Deĭstvie rezerpina na antiteloobrazovanie u gipofizektomirovannykh zhivotnykh.

Biull Eksp Biol Med 67:72-5, Feb 69 (Rus)
ANIMAL EXPERIMENTS/ *ANTIBODY FORMATION, drug effects/ CHINCHILLAS/ ENGLISH ABSTRACT/ *HYPOPHYSECTOMY/ MALE/ RABBITS/ *RESERPINE, pharmacodynamics

878. Dewey JR, Bartley MH Jr, Armelagos GJ: Rates of femoral cortical bone loss in two Nubian populations. Utilizing normalized and non-normalized data.
Clin Orthop 65:61-6, Jul-Aug 69
ADULT/ AGE FACTORS/ ANALYSIS OF VARIANCE/ *ANTHROPOLOGY, PHYSICAL/ *ANTHROPOMETRY/ BODY HEIGHT/ *CULTURE/ FEMALE/ *FEMUR/ HISTORY OF MEDICINE, ANCIENT/ HUMAN/ MALE/ MIDDLE AGE/ *OSTEOPOROSIS/ SEX FACTORS/ SOMATOTYPES

879. Diamant B: The influence of adenosine triphosphate on isolated rat peritoneal mast cells.
Int Arch Allerg 36:3-21, 1969
ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE TRIPHOSPHATASE/ *ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ CELL MEMBRANE/ COMPOUND 48-80, pharmacodynamics/ CYTOSINE NUCLEOTIDES, pharmacodynamics/ GUANINE NUCLEOTIDES, pharmacodynamics/ *HISTAMINE LIBERATION, drug effects/ MAGNESIUM, metabolism/ *MAST CELLS, drug effects/ MAST CELLS, enzymology/ MAST CELLS, metabolism/ NUCLEOSIDES, pharmacodynamics/ PERITONEUM, cytology/ RATS/ SODIUM, metabolism/ URACIL NUCLEOTIDES, pharmacodynamics

880. Diamantstein T: Ovulationshemmung bei Ratten durch Thiocyanat.
German Med Monthly 14:197-8, Apr 69 (Ger)
ANIMAL EXPERIMENTS/ *OVULATION, drug effects/ RATS/ *THIOCYANATES, pharmacodynamics

881. Dichtl K, Bergmann H: Beta-Rezeptorenblocker zur Operationsvorbereitung bei Hyperthyreose.
Wien Med Wschr 119:476-80, 21 Jun 69 (Ger)
ADULT/ ELECTROCARDIOGRAPHY/ FEMALE/ HEART, drug effects/ HUMAN/ HYPERTHYROIDISM, diagnosis/ HYPERTHYROIDISM, drug therapy/ *HYPERTHYROIDISM, surgery/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *PREOPERATIVE CARE/ PROPRANOLOL, administration & dosage/ *PROPRANOLOL, therapeutic use/ THYROID CRISIS, prevention & control/ THYROID GLAND FUNCTION TESTS

882. Dicker SE, Elliott AB: Effects of neurohypophyseal hormones on the skin permeability of Rana cancrivora, in vivo.
J Physiol (London) 203:74P-75P, Jul 69
ANIMAL EXPERIMENTS/ FROGS/ OSMOSIS/ OXYTOCIN, pharmacodynamics/ PERMEABILITY/ *PITUITARY HORMONES, POSTERIOR, pharmacodynamics/ *SKIN, drug effects/ TISSUE EXTRACTS/ VASOPRESSIN, pharmacodynamics

883. Dickie EG: Herpes vulvitis.
Obstet Gynec 34:434-66, Sep 69 (113 ref.)
ADOLESCENCE/ ADULT/ ANTIBODIES, analysis/ CAMPHOR, therapeutic use/ CORTISONE, therapeutic use/ EPINEPHRINE, therapeutic use/ FEMALE/ HERPES ZOSTER/ HERPES ZOSTER, OCULAR, therapy/ HERPESVIRUS HOMINIS/ *HERPESVIRUS INFECTIONS/ HERPESVIRUS INFECTIONS, diagnosis/ HERPESVIRUS INFECTIONS, pathology/ HERPESVIRUS INFECTIONS, therapy/ HUMAN/ IDOXURIDINE, therapeutic use/ REVIEW/ SMALLPOX VACCINE, therapeutic use/ *VULVITIS/ VULVITIS, diagnosis/ VULVITIS, pathology/ VULVITIS, therapy

884. Dickie MM, Southard JL, Farnsworth RT: Two unusual dominant mutations in the mouse.
J Hered 60:84-6, Mar-Apr 69
ANIMAL EXPERIMENTS/ BEHAVIOR, ANIMAL/ FEMALE/ *GENES, DOMINANT/ MALE/ MICE/ *NERVOUS SYSTEM DISEASES, veterinary/ OVARY, transplantation/ PEDIGREE/ *RODENT DISEASES, familial & genetic/ TRANSPLANTATION, HOMOLOGOUS

885. Dickman GH, Garibaldi DE: Hueso iliacotrocantéreo.
Prensa Med Argent 55:668-70, 7 Jun 68 (Spa)
*BONE AND BONES, abnormalities/ *BUTTOCKS, pathology/ CASE REPORT/ ENGLISH ABSTRACT/ FEMUR/ HUMAN/ ILIUM/ MALE/ MIDDLE AGE

886. Dickson AD: Cytoplasmic changes during the trophoblastic giant cell transformation of blastocysts from normal and ovariectomized mice.
J Anat 105:371-80, Sep 69
ACID PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ CYTOPLASMIC GRANULES/ ESTRADIOL, pharmacodynamics/ FEMALE/ HISTOCYTOCHEMISTRY/ LIPIDS, analysis/ MICE/ OVARY, surgery/ *OVUM, cytology/ OVUM, drug effects/ OVUM, enzymology/ PREGNANCY/ STAINS AND STAINING/ *TROPHOBLAST, cytology/ TROPHOBLAST, enzymology

887. Diculescu I, Onicescu D, Marin A, et al: On histochemical and histoenzymological variations in tissue mast cells.
Acta Histochem (Jena) 31:254-60, 1968
*ADIPOSE TISSUE, cytology/ ANIMAL EXPERIMENTS/ GLUCURONIDASE, metabolism/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ HISTOCYTOCHEMISTRY/ HYDROCORTISONE, pharmacodynamics/ INJECTIONS, INTRAMUSCULAR/ *LYASES, metabolism/ *LYSOSOMES, enzymology/ *MAST CELLS, enzymology/ MESENTERY, cytology/ *PEPTIDE HYDROLASES, metabolism/ RATS/ SEROTONIN, metabolism/ THYROIDECTOMY

888. Diczfalusy E: Steps in the reproductive process susceptible to regulation.
Bull WHO 40:479-91, Apr 69 (165 ref.)
ADRENAL CORTEX HORMONES/ *CONTRACEPTION/ CONTRACEPTIVE AGENTS/ FEEDBACK/ FEMALE/ FERTILIZATION/ HUMAN/ MALE/ MENSTRUATION/ NIDATION/ *REPRODUCTION/ REVIEW

889. Diddle AW, Gardner WH, Williamson PJ, et al: Oral contraceptive medications and vulvovaginal candidiasis.
Obstet Gynec 34:373-7, Sep 69
ADULT/ ANDROSTANES, adverse effects/ BALANITIS/ CHLORMADINONE, adverse effects/ *CONTRACEPTIVES, ORAL, adverse effects/ ETHINYL ESTRADIOL, adverse effects/ ETHYNODIOL DIACETATE, adverse effects/ FEMALE/ HUMAN/ MALE/ MEDROXYPROGESTERONE, adverse effects/ MESTRANOL, adverse effects/ MIDDLE AGE/ *MONILIASIS, VULVOVAGINAL/ NORETHINDRONE, adverse effects/ NORETHYNODREL, adverse effects

890. Dietert SE: The occurrence of tubular intramitochondrial inclusions in the post-mortem zona fasciculata of the rat adrenal.
Anat Rec 165:41-54, Sep 69
*ADRENAL GLANDS, cytology/ ANIMAL EXPERIMENTS/ CELL NUCLEUS/ *CYTOPLASMIC GRANULES/ GOLGI APPARATUS/ MALE/ MICROSCOPY, ELECTRON/ *MITOCHONDRIA/ RATS/ TIME FACTORS

891. Dietheim G: Cardiac resuscitation: a review of methods and assessment of results.
Med J Aust 2:269-73, 9 Aug 69
AUSTRALIA/ DEXAMETHASONE, administration & dosage/ ELECTRIC COUNTERSHOCK/ ELECTROCARDIOGRAPHY/ *HEART ARREST, therapy/ HUMAN/ INJECTIONS, INTRAVENOUS/ INTENSIVE

CARE UNITS/ INTUBATION, INTRATRACHEAL/ METHODS/ PROGNOSIS/ *RESUSCITATION/ RETROSPECTIVE STUDIES/ VENTRICULAR FIBRILLATION, therapy

892. **Dietrich FM, Dukor P:** Further studies on chemically induced tolerance to heterologous red cells in mice.
Int Arch Allerg 36:91-102, 1969
ANIMAL EXPERIMENTS/ *ANTIBODY FORMATION/ *CORTISONE, pharmacodynamics/ *CYCLOPHOSPHAMIDE, pharmacodynamics/ ERYTHROCYTES, drug effects/ *ERYTHROCYTES, immunology/ GERBILS/ GUINEA PIGS/ HAMSTERS/ *IMMUNE TOLERANCE/ IMMUNOSUPPRESSIVE AGENTS/ SHEEP

893. **Dietrich KF:** Atiologie und Therapie innerer Hämorrhoiden und perianaler Hämatome.
Munchen Med Wschr 111:1737-42, 29 Aug 69 (Ger)
ANESTHETICS, LOCAL, therapeutic use/ ANUS/ ENGLISH ABSTRACT/ HEMATOMA, etiology/ *HEMORRHOIDS/ HEMORRHOIDS, classification/ HEMORRHOIDS, complications/ HEMORRHOIDS, drug therapy/ HEMORRHOIDS, etiology/ HEMORRHOIDS, surgery/ HUMAN/ METHODS/ PREDNISOLONE, TOPICAL, therapeutic use/ SCLEROSING SOLUTIONS, therapeutic use

894. **DiGiulio W, Morales JO:** The value of the selenomethionine Se 75 scan in preoperative localization of parathyroid adenomas.
JAMA 209:1873-80, 22 Sep 69
*ADENOMA, diagnosis/ ADENOMA, radiography/ ADENOMA, surgery/ ADOLESCENCE/ ADULT/ AGED/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ HYPERPARATHYROIDISM, diagnosis/ HYPERPLASIA/ MALE/ METHIONINE/ MIDDLE AGE/ *PARATHYROID NEOPLASMS, diagnosis/ PARATHYROID NEOPLASMS, radiography/ PARATHYROID NEOPLASMS, surgery/ *RADIOISOTOPE SCANNING/ RADIOISOTOPES/ SELENIUM

895. **Dillard M, Bondy PK:** Conjugation of androsterone by the guinea-pig kidney in vitro.
Biochem J 112:407-13, May 69
*ANDROSTERONE, metabolism/ ANIMAL EXPERIMENTS/ CHLOROFORM/ CHROMATOGRAPHY/ CHROMATOGRAPHY, PAPER/ COUNTERCURRENT DISTRIBUTION/ ELECTROPHORESIS/ GLUCURONATES, biosynthesis/ GLUCURONIDASE/ GUINEA PIGS/ IN VITRO/ *KIDNEY, metabolism/ MAGNESIUM/ SILICA/ SOLUBILITY/ *STEROIDS, biosynthesis/ SULFATES, biosynthesis/ TRITIUM

896. **Dilley JV, McDonald KE:** Removal of inhaled 239PuO2 in rats. BNWL-714.
US AEC Battelle Northwest 6.9-6+, May 68
AEROSOLS/ ANIMAL EXPERIMENTS/ *CHLORPROMAZINE, therapeutic use/ COMPARATIVE STUDY/ *GELS, therapeutic use/ LUNG, radiation effects/ *PLUTONIUM, poisoning/ *PROGESTERONE, therapeutic use/ *RADIATION INJURY, EXPERIMENTAL, prevention & control/ RATS

897. **Dinç I, Barlas O:** Karaciğer sirozunda progesteron. (Antialdosteronik ve antiöstrojenik etkiler)
Tip Fak Mec (Istanbul) 31:267-78, 1968 (Tur)
ADULT/ AGED/ *ALDOSTERONE, antagonists & inhibitors/ *ESTROGENS, antagonists & inhibitors/ HUMAN/ *LIVER CIRRHOSIS, drug therapy/ MALE/ MIDDLE AGE/ *PROGESTERONE, therapeutic use

898. **Di Pietro S:** Problemi di attualità nella terapia del carcinoma mammario diffuso.
Minerva Radiol 13:569-73, Oct 68 (Ita)
ADRENALECTOMY/ AGE FACTORS/ ANDROGENS, therapeutic use/ ANTINEOPLASTIC AGENTS, therapeutic use/ *BREAST NEOPLASMS, therapy/ CASTRATION/ ESTROGENS, therapeutic use/ FEMALE/ HUMAN/ HYPOPHYSECTOMY/ MASTECTOMY/ MENOPAUSE/ *NEOPLASM METASTASIS, therapy/ PITUITARY GLAND IRRADIATION

899. **Dirschmid K:** Zur Frage einer generalisierten Blastomatose (Carcinoidomatose) des "Helle Zellen" System. Beitr Path Anat 139:187-98, 1969 (Ger)
AGED/ BONE AND BONES, pathology/ *CARCINOID TUMOR, pathology/ CARCINOID TUMOR, urine/ *CHROMAFFIN SYSTEM, pathology/ ENGLISH ABSTRACT/ *GALLBLADDER, pathology/ HUMAN/ HYDROXYINDOLEACETIC ACID, urine/ *INTESTINE, SMALL, pathology/ LYMPH NODES, pathology/ MALE/ MESENTERY, pathology/ MYOCARDIUM, pathology/ *PANCREAS, pathology/ PLEURA, pathology/ *THYROID GLAND, pathology

900. **DiStefano JJ 3d:** A model of the normal thyroid hormone glandular secretion mechanism.
J Theor Biol 22:412-7, Mar 69
KINETICS/ *MODELS, BIOLOGIC/ THYROGLOBULIN, metabolism/ THYROID GLAND, secretion/ *THYROID HORMONES, secretion/ THYROTROPIN, physiology

901. **DiStefano JJ 3d:** Hypothalamic and rate feedback in the thyroid hormone regulation system: an hypothesis.
Bull Math Biophys 31:233-46, Jun 69
FEEDBACK/ *HYPOTHALAMUS, physiology/ MATHEMATICS/ MODELS, BIOLOGIC/ PITUITARY GLAND, physiology/ *THYROID HORMONES, blood

902. **Dixit SP, Coppola ED:** The fate of intracerebral adrenal grafts in the dog. Arch Surg (Chicago) 99:352-5, Sep 69
ADRENAL GLANDS, blood supply/ *ADRENAL GLANDS, transplantation/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *BRAIN, immunology/ DOGS/ ORGAN SPECIFICITY/ TRANSPLANTATION, AUTOLOGOUS/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY

903. **Djurdjević D, Jovanović M, Krainčanić M, et al:** Effect of large doses of radioiodine on thyroid function. 3. The iodoproteins of the thyroid gland.
Acta Endocr (Kobenhavn) 60:281-6, Feb 69
ANIMAL EXPERIMENTS/ IODINE/ IODINE ISOTOPES/ IODOPROTEINS, radiation effects/ PROTEINS, radiation effects/ *RADIATION EFFECTS/ RATS/ THYROGLOBULIN, analysis/ *THYROGLOBULIN, radiation effects/ THYROID GLAND, analysis/ *THYROID GLAND, radiation effects

904. **Dmitrieva OK:** Sravnitel'noe issledovanie chuvstvitel'nosti liuteiniziruiushcheĭ funtsii gipofiza intaktnykh i kastrirovannykh krys-samok k éstradiolu.
Probl Endokr (Moskva) 14:85-9, May-Jun 68 (Rus)
ANIMAL EXPERIMENTS/ CASTRATION/ *ESTRADIOL, pharmacodynamics/ FEMALE/ *LH, analysis/ LH, blood/ PITUITARY GLAND, analysis/ *PITUITARY GLAND, physiology/ RATS

905. **Dmitrieva OK:** O znachenii perednegipotalamicheskogo polia v reaktsii liuteiniziruiushcheĭ funktsii adenogipofiza.
Akush Ginek (Moskva) 45:44-8, May 69 (Rus)
ANIMAL EXPERIMENTS/ ESTRADIOL, pharmacodynamics/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ LH, blood/ *LH, secretion/ *PITUITARY GLAND, physiology/ RATS

906. **Doak PB, North JD:** Haemodialysis and tertiary hyperparathyrodism: renal homotransplantation and tubular dysfunction.
Aust Ann Med 18:138-42, May 69 (22 ref.)
*ACIDOSIS, RENAL TUBULAR, etiology/ ADENOMA, complications/ ADULT/ ALKALINE PHOSPHATASE, blood/ ANURIA, etiology/ BICARBONATES, blood/ BONE DISEASES, drug therapy/ BONE DISEASES, etiology/ CALCIUM, blood/ ERGOCALCIFEROL, therapeutic use/

FEMALE/ GLOMERULONEPHRITIS, complications/ GLYCOSURIA, etiology/ *HEMODIALYSIS, adverse effects/ HUMAN/ *HYPERCALCEMIA, etiology/ *HYPERPARATHYROIDISM, complications/ HYPERPARATHYROIDISM, etiology/ HYPERTENSION, RENAL, etiology/ *KIDNEY, transplantation/ *KIDNEY FAILURE, CHRONIC, pathology/ PARATHYROID GLANDS, surgery/ PARATHYROID NEOPLASMS, complications/ PHOSPHATES, blood/ PHOSPHATES, therapeutic use/ PHOSPHATES, urine/ REVIEW/ SODIUM, therapeutic use/ TRANSPLANTATION, HOMOLOGOUS

907. **Doar JW, Stamp TC, Wynn V, et al:** Effects of oral and intravenous glucose loading in thyrotoxicosis. Studies of plasma glucose, free fatty acid, plasma insulin and blood pyruvate levels. Diabetes 18:633-9, Sep 69
ADULT/ AGED/ *BLOOD SUGAR, analysis/ CHOLESTEROL, blood/ DIABETES MELLITUS, blood/ FASTING/ *FATTY ACIDS, NONESTERIFIED/ FEMALE/ *GLUCOSE TOLERANCE TEST/ HUMAN/ *HYPERTHYROIDISM, blood/ *INSULIN, blood/ MALE/ MIDDLE AGE/ *PYRUVATES, blood/ TRIGLYCERIDES, blood

908. **Dobiášová L, Doležalová K, Riglová J:** Ergebnisse der Mikrobial-Gesamtantigentherapie der Respirationsallergosen.
Sborn Ved Prac Lek Fak Karlov Univ 11:647-54, 1968 (Ger)
ADOLESCENCE/ *ASTHMA, therapy/ *BRONCHITIS, therapy/ CHILD/ CHILD, PRESCHOOL/ *DESENSITIZATION/ HUMAN/ HYPERSENSITIVITY, etiology/ *HYPERSENSITIVITY, therapy/ INFANT/ MALE/ PREDNISONE, therapeutic use/ *VACCINE THERAPY

909. **Dodds WJ, Steinbach HL:** Triangular cartilage calcification in the wrists: its incidence in elderly persons. Amer J Roentgen 105:850-2, Apr 69
AGED/ CALCINOSIS, occurrence/ *CALCINOSIS, radiography/ CARTILAGE DISEASES, occurrence/ *CARTILAGE DISEASES, radiography/ FEMALE/ HUMAN/ HYPERPARATHYROIDISM, radiography/ MALE/ MIDDLE AGE/ *WRIST, radiography

910. **Doebel J:** Beitrag zur Histochemie des intravasalen Kolloids im Hypophysenvorderlappen des Menschen.
Acta Morph Acad Sci Hung 17:1-6, 1969 (Ger)
BLOOD VESSELS/ *COLLOIDS/ HISTOCYTOCHEMISTRY/ HUMAN/ *PITUITARY GLAND, cytology

911. **Doeg KA:** Control of mitochondrial lipid biosynthesis by testosterone in male sex accessory gland tissue of normal rats. Endocrinology 85:974-6, Nov 69
ACETATES, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ LIPIDS, biosynthesis/ MALE/ MITOCHONDRIA, drug effects/ *MITOCHONDRIA, metabolism/ MITOCHONDRIA, LIVER, metabolism/ ORGAN WEIGHT/ PROSTATE, cytology/ PROSTATE, drug effects/ *PROSTATE, metabolism/ RATS/ SEMINAL VESICLES, cytology/ SEMINAL VESICLES, drug effects/ *SEMINAL VESICLES, metabolism/ STIMULATION, CHEMICAL/ TESTOSTERONE, pharmacodynamics/ *TESTOSTERONE, physiology

912. **Dokumov S, Stantscheva M, Glavanakova V:** Untersuchungen über das Eiweiss-gebundene Jod im Srum während der normalen Schwangerschaft.
Z Geburtsh Gynaek 170:222-30, 1969 (Ger)
ADOLESCENCE/ ADULT/ AGE FACTORS/ BLOOD PROTEINS, analysis/ ENGLISH ABSTRACT/ FEMALE/ GESTATIONAL AGE/ HUMAN/ IODINE, blood/ LABOR/ PARITY/ *PREGNANCY/ *PROTEIN-BOUND IODINE TEST/ *THYROID GLAND, metabolism/ THYROXINE, metabolism

913. **Dolce G:** Uber den antiepileptischen Aktionsmechanismus von 5-carbamyl-5H-dibenzo(b,f)azepin. Neurophysiologische Untersuchungen an Katzen.
Arzneimittelforschung 19:1257-63, Aug 69 (Ger)
ACTION POTENTIALS, drug effects/ AMYGDALOID BODY, drug effects/ ANIMAL EXPERIMENTS/ *BRAIN, drug effects/ CARBAMAZEPINE, pharmacodynamics/ CARBAMAZEPINE, therapeutic use/ CATS/ CEREBRAL CORTEX, drug effects/ DEPRESSION, CHEMICAL/ DIBENZAZEPINES, administration & dosage/ *DIBENZAZEPINES, pharmacodynamics/ DIBENZAZEPINES, therapeutic use/ ELECTRIC STIMULATION/ ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ EPILEPSY, drug therapy/ EVOKED POTENTIALS, drug effects/ HIPPOCAMPUS, drug effects/ LIGHT/ RETICULAR FORMATION, drug effects/ RETINA, drug effects/ THALAMUS, drug effects

914. **Dolgina MI, Krushcheva EA:** Vliianie gliukokortikoidov na morfologicheskii sostav periphericheskoĭ krovi u bol'nykh s ozhogovym istoshcheniem (2)
Lab Delo 5:277-9, 1968 (Rus)
ADULT/ *BLOOD, drug effects/ BLOOD CHEMICAL ANALYSIS/ *BURNS, drug therapy/ CHILD/ FEMALE/ HUMAN/ MALE/ *PREDNISOLONE, therapeutic use

915. **Dolinský A, Scheida N:** Zmeny v rádiologických parametroch srdca pri krátkodobej liečbe sterodimi.
Cesk Radiol 23:159-62, Jul 69 (Cze)
ADIPOSE TISSUE/ ADULT/ *ASTHMA, drug therapy/ CASE REPORT/ *DEXAMETHASONE, adverse effects/ DEXAMETHASONE, therapeutic use/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ *HEART DISEASES, radiography/ HEART FAILURE, CONGESTIVE, diagnosis/ HUMAN

916. **Dol'lotti DCh:** Lechenie nekotorykh endokrinnykh zabolevaniĭ vvedeniem radioaktivnogo ittriia v gipofiz.
Probl Endokr (Moskva) 14:3-10, Nov-Dec 68 (Rus)
*ACROMEGALY, therapy/ CORTICOTROPIN, diagnostic use/ *CUSHING'S SYNDROME, therapy/ DEXAMETHASONE, diagnostic use/ ENGLISH ABSTRACT/ 17-HYDROXYCORTICOSTEROIDS, urine/ METYRAPONE, diagnostic use/ *PITUITARY GLAND IRRADIATION/ *YTTRIUM ISOTOPES, administration & dosage

917. **Domínguez XA, Barragán VA, León JO, et al:** The constituents of Thelocactus bicolor. I. The isolation of itesmol, a new steroid and eisacol a new pentacyclic triterpenoid. Planta Med 16:458-61, Dec 68
CHEMISTRY, PHARMACEUTICAL/ *PLANTS, analysis/ *STEROIDS, isolation & purification/ *TERPENES, isolation & purification

918. **Dominic CJ, Singh RM:** Anterior and posterior groups of portal vessels in the avian pituitary.
Gen Comp Endocr 13:22-6, Aug 69
ANIMAL EXPERIMENTS/ *BIRDS, anatomy & histology/ CELL DIFFERENTIATION/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, blood supply/ *PITUITARY GLAND, blood supply/ PITUITARY GLAND, cytology/ PITUITARY HORMONE RELEASING FACTORS, blood/ SPECIES SPECIFICITY

919. **Dommelen CK van, Baars H:** Enkele patiënten met anemie. Nederl T Geneesk 113:1369-70, 2 Aug 69 (Dut)
ADULT/ *ANEMIA, etiology/ ANTIBODIES/ COLD/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ MYXEDEMA, complications/ *THALASSEMIA, complications

920. **Donoso AO, Santolaya RC:** Depletion of pituitary LH induced by coitus in the male hamster.
Acta Physiol Lat Amer 19:70-1, 1969
ANIMAL EXPERIMENTS/ *COITUS/ HAMSTERS/ *LH, secretion/ MALE

921. **Doornum EP van, Florisson AS:** A universal simulator.
Radiol Clin (Basel) 38:205-12, 1969
FLUOROSCOPY, instrumentation/ HUMAN/

*RADIOTHERAPY, instrumentation/ TECHNOLOGY, RADIOLOGIC/ TELEVISION/ THYROID NEOPLASMS, radiotherapy

922. **Dorfmann H, Solnica J, Mitrovic D, et al:** Veränderungen an Knochen und Gelenken bei der Hämochromatose.
Munchen Med Wschr 111:1396-401, 20 Jun 69 (Ger)
ARTHRITIS, RHEUMATOID, etiology/ BONE AND BONES, radiography/ BONE DISEASES, drug therapy/ *BONE DISEASES, etiology/ BONE DISEASES, radiography/ CALCINOSIS, etiology/ CARTILAGE DISEASES, etiology/ COLCHICINE, therapeutic use/ CORTISONE, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ *HEMOCHROMATOSIS, complications/ HEMOCHROMATOSIS, drug therapy/ HEMOCHROMATOSIS, occurrence/ HEMOCHROMATOSIS, pathology/ HEMOCHROMATOSIS, physiopathology/ HEMOCHROMATOSIS, radiography/ HUMAN/ JOINT DISEASES, drug therapy/ *JOINT DISEASES, etiology/ JOINT DISEASES, radiography/ MALE/ OSTEOPOROSIS, etiology/ PHENYLBUTAZONE, therapeutic use/ SYNOVIAL MEMBRANE, pathology

923. **Döring GK:** Die Abtreibungsziffer sinkt--ein Erfolg präventiv-medizinischer Massnahmen.
Z Allgemeinmed 45:721-2, 31 May 69 (Ger)
*ABORTION, CRIMINAL/ *CONTRACEPTIVES, ORAL/ GERMANY, WEST/ STATISTICS

924. **Doskočil M:** The comparison of the development of the hypophysis in the chick and other avian species.
Folia Morph (Praha) 17:323-8, 1969
ANIMAL EXPERIMENTS/ *BIRDS, embryology/ *CHICK EMBRYO/ *PITUITARY GLAND, embryology

925. **Douglas ES Jr, Shingleton HM, Crist T:** Surgical management of tubal pregnancy: effect on subsequent fertility.
Southern Med J 62:954-5, Aug 69
ADOLESCENCE/ ADULT/ AGE FACTORS/ FEMALE/ *FERTILITY/ HUMAN/ OVARY, surgery/ PARITY/ PREGNANCY/ *PREGNANCY, TUBAL, surgery

926. **Douglas RJ, Barrett TW, Pribram KH, et al:** Limbic lesions and error reduction.
J Comp Physiol Psychol 68:437-41, Jul 69
*AMYGDALOID BODY, physiology/ ANIMAL EXPERIMENTS/ CUES/ *DISCRIMINATION LEARNING/ *HIPPOCAMPUS, physiology/ MONKEYS/ *VISUAL PERCEPTION

927. **Dransfeld H, Greeff K, Schorn A, et al:** Calcium uptake in mitochondria and vesicles of heart and skeletal muscle in presence of potassium, sodium, k-strophanthin and pentobarbital.
Biochem Pharmacol 18:1335-45, Jun 69
ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ AZIDES, pharmacodynamics/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ CATTLE/ CYANIDES, pharmacodynamics/ *MITOCHONDRIA, MUSCLE, metabolism/ MUSCLES, drug effects/ *MUSCLES, metabolism/ MYOCARDIUM, metabolism/ OXALATES, pharmacodynamics/ *PENTOBARBITAL, pharmacodynamics/ PHOSPHATES, pharmacodynamics/ PIGEONS/ *POTASSIUM, pharmacodynamics/ RABBITS/ *SODIUM, pharmacodynamics/ *STROPHANTHIN, pharmacodynamics/ SUCCINATES, pharmacodynamics

928. **Dransfeld H, Ting BT:** Einfluss der Alkaliionen auf die Ca+2-Speicherung in Mitochondrien und Vesikeln.
Naunyn Schmiedeberg Arch Pharm 263:25-6, 1969 (Ger)
*CALCIUM, metabolism/ CALCIUM ISOTOPES/ CHLORIDES/ *CYTOPLASMIC GRANULES/ HEART, drug effects/ LITHIUM/ *MITOCHONDRIA, MUSCLE, metabolism/ MYOCARDIUM, cytology/ *MYOCARDIUM, metabolism/ *POTASSIUM, pharmacodynamics/ POTASSIUM CHLORIDE/ *SODIUM, pharmacodynamics/ SODIUM CHLORIDE/ STIMULATION, CHEMICAL/ STROPHANTHIN, pharmacodynamics

929. **Draper JW, Jones CH:** Thermal patterns of the female breast.
Brit J Radiol 42:401-10, Jun 69
ADENOFIBROMA, diagnosis/ ADULT/ AGE FACTORS/ AGED/ BODY TEMPERATURE/ BREAST, blood supply/ *BREAST, physiology/ *BREAST DISEASES, diagnosis/ BREAST NEOPLASMS, diagnosis/ CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ HUMAN/ HYPERPLASIA, diagnosis/ INFRARED RAYS/ MENSTRUATION/ MIDDLE AGE/ PHOTOGRAPHY/ *THERMOGRAPHY/ VEINS

930. **Draznin NM, Bril' EE, Livshits IB, et al:** Nekotorye voprosy vliianiia obluchenila mezhutochno-gipofizarnoĭ oblasti na éndokrinnye zhelezy pri ee patologii.
Probl Endokr (Moskva) 15:33-7, May-Jun 69 (Rus)
*ACROMEGALY, radiotherapy/ ADOLESCENCE/ ADULT/ CHILD/ CORTICOTROPIN, blood/ *CUSHING'S SYNDROME, radiotherapy/ *DIENCEPHALON, radiation effects/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, blood/ INSULIN, blood/ MALE/ MIDDLE AGE/ *PITUITARY GLAND, radiation effects/ *RADIATION EFFECTS

931. **Driessen OM, Noach EL:** Effect of testosterone propionate on the distribution of radioactive iodide in recently thyroidectomized rats.
Acta Endocr (Kobenhavn) 60:303-14, Feb 69
ANIMAL EXPERIMENTS/ FEMALE/ IODIDES, metabolism/ IODINE ISOTOPES/ KIDNEY, drug effects/ NEPHRECTOMY/ RATS/ SKIN, metabolism/ *TESTOSTERONE, pharmacodynamics/ THYROIDECTOMY

932. **Drobnjak P:** Testosteron u mokraći žena.
Lijecn Vjesn 90:881-4, Sep 68 (Cro)
DEHYDROEPIANDROSTERONE, urine/ DEXAMETHASONE, pharmacodynamics/ ENDOCRINE DISEASES, urine/ ENDOCRINE GLANDS, drug effects/ ESTRIOL, urine/ ESTROGENS, pharmacodynamics/ FEMALE/ HIRSUTISM, urine/ HUMAN/ 17-KETOSTEROIDS, urine/ MENSTRUATION/ METHODS/ OVARY, physiopathology/ PREGNANEDIOL, urine/ REVIEW/ *TESTOSTERONE, urine

933. **Drosdowsky MA:** Principe de la détection par capture d'électrons en chromatographie gaz-liquide et application à la détermination des stéroïdes.
Rev Franc Etud Clin Biol 14:420-7, Apr 69 (35 ref.) (Fre)
ACETATES, diagnostic use/ *CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ ELECTRODES/ *ELECTRONS/ ENGLISH ABSTRACT/ METHODS/ RADIOISOTOPES/ *RADIOMETRY/ RADIOMETRY, instrumentation/ REVIEW/ *STEROIDS, analysis/ STEROLS, analysis/ TESTOSTERONE, blood/ TESTOSTERONE, urine

934. **Drosdowsky MA, Nguyen TT, Populu J, et al:** Méthode de dosage de la testostérone et de l'épitestostérone dans l'urine humaine.
Bull Soc Chim Biol (Paris) 50:1723-37, 30 Jan 69 (Fre)
ACETATES/ ADULT/ ANDROSTERONE, urine/ CARBON ISOTOPES/ CHROMATOGRAPHY/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ DEHYDROEPIANDROSTERONE, urine/ DESOXYCORTICOSTERONE, urine/ ENGLISH ABSTRACT/ ETIOCHOLANOLONE, urine/ FEMALE/ HEAT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ 17-KETOSTEROIDS, urine/ MALE/ MATHEMATICS/ METHODS/ MIDDLE AGE/ PREGNANEDIOL, urine/ PROGESTERONE, urine/ SOLVENTS/ *TESTOSTERONE, urine/ TIME FACTORS/ TRITIUM

935. **Drożdż H:** Leucyloaminopeptydazowa i cystynyloaminopeptydazowa aktywność surowicy w

przebiegu wirusowego zapalenia wątroby z uwzględnieniem wpływu kortykoleterapii.
Folia Med Cracov 11:103-23, 1969 (Pol)
ADOLESCENCE/ ADULT/ AGED/ *AMINOPEPTIDASES, blood/ ASPARTATE AMINOTRANSFERASE, blood/ CHILD/ CHILD, PRESCHOOL/ CHOLINESTERASE, blood/ ENGLISH ABSTRACT/ FEMALE/ HEPATITIS, INFECTIOUS, blood/ *HEPATITIS, INFECTIOUS, drug therapy/ HUMAN/ *LEUCINE AMINOPEPTIDASE, blood/ MALE/ MIDDLE AGE/ *PREDNISONE, therapeutic use

936. **Drożdż H**: Serum leucyl- and cystinylaminopeptidase activity in the course of viral hepatitis under the influence of corticotherapy.
Acta Med Pol 10:219-29, 1969
ADOLESCENCE/ ADULT/ AGED/ *AMINOPEPTIDASES, blood/ CHILD/ CHILD, PRESCHOOL/ CYSTINE/ FEMALE/ *GLUCOCORTICOIDS, therapeutic use/ *HEPATITIS, INFECTIOUS, enzymology/ HUMAN/ *LEUCINE AMINOPEPTIDASE, blood/ MALE/ MIDDLE AGE

937. **Drożdż H, Szreniawska T, Wójcik Z, et al**: Wpływ kortykoterapii na wybrane testy biochemiczne w wirusowym zapaleniu wątroby.
Przegl Lek 25:590-4, 1969 (Pol)
ADULT/ ALANINE AMINOTRANSFERASE, blood/ BLOOD PROTEINS, analysis/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ *GLUCOCORTICOIDS, therapeutic use/ *HEPATITIS, INFECTIOUS, drug therapy/ HUMAN/ MALE

938. **Drummond GI, Harwood JP, Powell CA**: Studies on the activation of phosphorylase in skeletal muscle by contraction and by epinephrine.
J Biol Chem 244:4235-40, 10 Aug 69
ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ DIAPHRAGM, enzymology/ ELECTRIC STIMULATION/ *EPINEPHRINE, pharmacodynamics/ FEMALE/ FROGS/ *GLUCOSYLTRANSFERASES, metabolism/ IN VITRO/ *MUSCLE CONTRACTION/ MUSCLES, drug effects/ *MUSCLES, enzymology/ MUSCLES, metabolism/ MUSCLES, physiology/ *PHOSPHORYLASE KINASE, metabolism/ RATS/ STIMULATION, CHEMICAL

939. **Drzhevetskaia IA**: Insulinovaia aktivnost' krovi pri akromegalii.
Probl Endokr (Moskva) 14:18-20, May-Jun 68 (Rus)
*ACROMEGALY, blood/ ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *INSULIN, blood/ MALE/ MIDDLE AGE

940. **Dub O, Rennerová J**: Diabetická generalizovaná mikroangiopatie retinopathia diabetica, těžká polyneuropatie, začínající gangréna nohy--úspěšné léčená implantací 32 P do adenohypofýzy.
Cas Lek Cesk 108:1053-5, Jul 69 (Cze)
ADULT/ CASE REPORT/ *DIABETIC ANGIOPATHIES, radiotherapy/ *DIABETIC NEUROPATHIES, radiotherapy/ ENGLISH ABSTRACT/ FEMALE/ GANGRENE, radiotherapy/ HUMAN/ HYPOPHYSECTOMY/ METHODS/ *PHOSPHORUS ISOTOPES, therapeutic use/ *PITUITARY GLAND IRRADIATION

941. **Dubois MP**: La réaction d'inhibition de l'immunohémolyse passive et son équation, étudiées sur le couple prolactine-anticorps antiprolactine. Applications au titrage de l'antigène.
C R Acad Sci [D] (Paris) 268:2154-7, 21 Apr 69 (Fre)
ANIMAL EXPERIMENTS/ *ANTIGEN-ANTIBODY REACTIONS/ *ANTIGENS, analysis/ CATTLE/ COMPLEMENT/ *HEMOLYSIS/ IMMUNOCHEMISTRY/ METHODS/ *PROLACTIN/ PROLACTIN, analysis/ SHEEP/ SPECTROPHOTOMETRY

942. **Dubois MP**: Sensibilisation des hématies à un antigène protidique (prolactine ovine) par le chlorure chrome, CrCl3: constantes relatives à la réaction de couplage étudiées par l'immunohémolyse passive.
C R Acad Sci [D] (Paris) 268:2006-9, 14 Apr 69 (Fre)
ANIMAL EXPERIMENTS/ CHLORIDES/ *CHROMIUM/ *ERYTHROCYTES, immunology/ *HEMOLYSIS/ *PROLACTIN/ SHEEP/ TEMPERATURE

943. **Dubois P, Girod C**: Influence du jeûne alimentaire sur les cellules antéhypophysaires du hamster doré. Observations au microscope électronique.
C R Soc Biol (Paris) 162:2116-8, 1968 (Fre)
ANIMAL EXPERIMENTS/ CORTICOTROPIN/ *FASTING/ FSH/ HAMSTERS/ LH/ MALE/ MICROSCOPY, ELECTRON/ *PITUITARY GLAND, cytology/ PROLACTIN/ SOMATOTROPIN/ THYROTROPIN

944. **Dufau M, Weinstein R, Kliman B**: Biochemical studies in a patient with chromatin-negative Klinefelter's syndrome. Clin Chim Acta 25:389-93, Sep 69
ANDROSTANES, biosynthesis/ BIOPSY/ CARBON ISOTOPES/ *DEHYDROEPIANDROSTERONE, metabolism/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, biosynthesis/ HYDROXYSTEROID DEHYDROGENASE, metabolism/ IN VITRO/ ISOMERASES, metabolism/ KLINEFELTER'S SYNDROME, enzymology/ *KLINEFELTER'S SYNDROME, metabolism/ MALE/ MIDDLE AGE/ *PROGESTERONE, metabolism/ RADIOISOTOPE DILUTION TECHNIC/ SEX CHROMATIN/ STIMULATION, CHEMICAL/ TESTIS, drug effects/ *TESTIS, metabolism/ TESTOSTERONE, biosynthesis/ TESTOSTERONE, blood/ TRITIUM

945. **Dufau ML, Villee DB**: Aldosterone biosynthesis by human fetal adrenal in vitro.
Biochim Biophys Acta 176:637-40, 29 Apr 69
ADRENAL GLANDS, metabolism/ *ALDOSTERONE, biosynthesis/ ALDOSTERONE, isolation & purification/ CARBON ISOTOPES/ CORTICOSTERONE, isolation & purification/ DESOXYCORTICOSTERONE, metabolism/ *FETUS, metabolism/ GESTATIONAL AGE/ HUMAN/ IN VITRO/ *PROGESTERONE, metabolism/ TRITIUM

946. **Duffus CM, Duffus JH**: A possible role for cyclic AMP in gibberellic acid triggered release of alpha-amylase in barley endosperm slices. Experientia 25:581, 15 Jun 69
*ADENINE NUCLEOTIDES, metabolism/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ AMINOPHYLLINE, pharmacodynamics/ *AMYLASE, metabolism/ *GIBBERELLINS, pharmacodynamics/ GRAIN, drug effects/ GRAIN, enzymology/ *GRAIN, metabolism/ STIMULATION, CHEMICAL

947. **Duhm B, Maul W, Medenwald H, et al**: Untersuchungen mit 14C-markiertem Noxiptilin. Stoffwechsel und Kinetik.
Arzneimittelforschung 19:Suppl 5a:858+, Jun 69 (Ger)
ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ ANTIDEPRESSIVE AGENTS, administration & dosage/ ANTIDEPRESSIVE AGENTS, blood/ ANTIDEPRESSIVE AGENTS, cerebrospinal fluid/ *ANTIDEPRESSIVE AGENTS, metabolism/ ANTIDEPRESSIVE AGENTS, urine/ BILE, analysis/ BONE MARROW, analysis/ BRAIN CHEMISTRY/ CARBON ISOTOPES/ CATS/ *DIBENZOCYCLOHEPTENES, metabolism/ DIBENZOCYCLOHEPTENES, urine/ ENGLISH ABSTRACT/ ERYTHROCYTES, analysis/ FECES, analysis/ GASTROINTESTINAL SYSTEM, analysis/ INJECTIONS, INTRAVENOUS/ KIDNEY, analysis/ KINETICS/ LIVER, analysis/ LUNG, analysis/ MALE/ OXIDES, urine/ RADIOAUTOGRAPHY/ RATS/ SKIN, analysis/ SPLEEN, analysis/ TESTIS, analysis/ TIME FACTORS

948. **Dumont L**: Activité cholinestérasique des cellules parafolliculaires de la thyroïde.
Rev Lyon Med 16:583-6, Aug-Sep 67 (Fre)

ANIMAL EXPERIMENTS/ *CHOLINESTERASE, analysis/ HISTOCYTOCHEMISTRY/ RABBITS/ *THYROID GLAND, analysis/ THYROID GLAND, cytology

949. **Dumont L, Dubois P:** Quelques aspects ultrastructuraux de l'antéhypophyse foetale humaine. Rev Lyon Med 16:593-606, Aug-Sep 67 **(Fre)**
CELL DIFFERENTIATION/ *FETUS/ HUMAN/ MICROSCOPY, ELECTRON/ MICROSCOPY, FLUORESCENCE/ *PITUITARY GLAND, cytology

950. **Dumoulin C, Maréchal G:** Les performances mécaniques du muscle strié intoxiqué par le 1-fluoro-2,4-dinitrobenzène.
J Physiol (Paris) 60:Suppl 2:357, 1968 **(Fre)**
ANIMAL EXPERIMENTS/ FLUORINE/ FROGS/ MATHEMATICS/ *MUSCLES, physiopathology/ *NITROBENZENES/ TETANY, chemically induced/ TETANY, physiopathology/ TIME FACTORS

951. **Dunn TB:** Cancer of the uterine cervix in mice fed a liquid diet containing an antifertility drug.
J Nat Cancer Inst 43:671-92, Sep 69
ANIMAL EXPERIMENTS/ ANIMAL FEED/ *CERVIX NEOPLASMS, chemically induced/ CERVIX NEOPLASMS, pathology/ CERVIX UTERI, pathology/ *CONTRACEPTIVES, ORAL, toxicity/ DIET, REDUCING/ ESTROGENS, toxicity/ FEMALE/ HEMANGIOENDOTHELIOMA, chemically induced/ HYPERTHYROIDISM, chemically induced/ INJECTIONS, SUBCUTANEOUS/ MESTRANOL, toxicity/ MICE/ NORETHYNODREL, toxicity/ PROPYLTHIOURACIL, adverse effects/ SARCOMA, RETICULUM CELL, chemically induced

952. **Dupa G, Hîrtopeanu D, Antohi R:** Un cas de miastenie la pubertate du implicaţii ereditare.
Rev Medicochir Iasi 73:467-71, Apr-Jun 69 **(Rum)**
ADOLESCENCE/ ADULT/ ENGLISH ABSTRACT/ *EYE MANIFESTATIONS/ FEMALE/ HUMAN/ MALE/ *MYASTHENIA GRAVIS, familial & genetic/ *PUBERTY

953. **Duperrat B, Puissant A, Pringuet R, et al:** Pemphigus malin à prédominance bucco-pharyngée, longtemps cortico-résistant, sensible à l'association corticoïdes-auréomycine-quinacrine.
Bull Soc Franc Derm Syph 76:28, 1969 **(Fre)**
ADULT/ *CHLORTETRACYCLINE, administration & dosage/ *DEXAMETHASONE, administration & dosage/ DRUG SYNERGISM/ HUMAN/ MALE/ *MOUTH DISEASES, drug therapy/ *PEMPHIGUS, drug therapy/ *PHARYNGEAL DISEASES, drug therapy/ *QUINACRINE, administration & dosage

954. **Dupont HL, Hornick RB:** Diarrheal diseases.
DM 3-40, Jul 69 (44 ref.)
ACUTE DISEASE/ ANTIBIOTICS, adverse effects/ CARBOHYDRATES, metabolism/ CHRONIC DISEASE/ COLONIC DISEASES, FUNCTIONAL/ *DIARRHEA/ DIARRHEA, chemically induced/ DIARRHEA, etiology/ DIARRHEA, physiopathology/ DYSENTERY, BACILLARY/ ENDOCRINE DISEASES, complications/ ESCHERICHIA COLI INFECTIONS/ HUMAN/ INTESTINAL ABSORPTION/ INTESTINAL DISEASES, PARASITIC/ INTESTINE, LARGE, physiopathology/ INTESTINE, SMALL, physiopathology/ MALABSORPTION SYNDROMES/ REVIEW/ SALMONELLA INFECTIONS/ SPRUE/ VIRUS DISEASES

955. **Dupont W, Gaudray A, Rey P:** Effets de la surrénalectomie unilatérale sur la cytologie de l'hypophyse et de la glande surrénale chez Rana esculenta L.
J Physiol (Paris) 60:Suppl 2:435, 1968 **(Fre)**
*ADRENAL GLANDS, cytology/ ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CORTICOTROPIN, secretion/ FROGS/ HYPERPLASIA, etiology/ HYPERTROPHY, etiology/ MITOSIS/ *PITUITARY GLAND, cytology

956. **Dupont W, Gaudray A:** Modifications cytologiques de l'hypophyse et de la glande interrénale de la grenouille verte, Rana esculenta L., après surrénalectomie unilatérale.
C R Soc Biol (Paris) 163:34-7, 1969 **(Fre)**
*ADRENAL GLANDS, cytology/ ADRENAL GLANDS, metabolism/ *ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CORTICOTROPIN, secretion/ FROGS/ LIPIDS, metabolism/ PITUITARY-ADRENAL SYSTEM/ *PITUITARY GLAND, cytology

957. **Dupuis C, Nuyts JP, Bombart E:** Les malformations cardio-vasculaires dans le syndrome d'Ullrich Turner.
Lille Med 12:421-6, Apr 67 **(Fre)**
ADOLESCENCE/ ADULT/ ANGIOCARDIOGRAPHY/ AORTIC COARCTATION, etiology/ CHILD/ CHILD, PRESCHOOL/ DEXTROCARDIA, etiology/ FEMALE/ HEART, radiography/ *HEART DEFECTS, CONGENITAL, etiology/ HEART DEFECTS, CONGENITAL, radiography/ HUMAN/ INFANT/ KARYOTYPING/ MALE/ PULMONARY VALVE STENOSIS, etiology/ *TURNER'S SYNDROME, complications/ TURNER'S SYNDROME, radiography

958. **Duquesnoy RJ, Mariani T, Good RA:** Effect of hypophysectomy on immunological recovery after sublethal irradiation of adult rats.
Proc Soc Exp Biol Med 131:1176-8, Sep 69
ANIMAL EXPERIMENTS/ HEMAGGLUTINATION/ *HYPOPHYSECTOMY/ LEUKOCYTE COUNT/ MALE/ *RADIATION INJURY, EXPERIMENTAL, immunology/ RATS/ SKIN, transplantation/ THYMUS GLAND, immunology/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY

959. **Duret RL, Arguello M:** Etude électromanométrique de l'action du métoclopramide chez l'homme.
Sem Hop Paris 45:1678-90, 20 May 69 **(Fre)**
*AMIDES, pharmacodynamics/ ANTIEMETICS, administration & dosage/ *ANTIEMETICS, pharmacodynamics/ *BENZOATES, pharmacodynamics/ CENTRAL NERVOUS SYSTEM, drug effects/ CEREBRAL VENTRICLES, drug effects/ COLON, drug effects/ DUODENUM, drug effects/ ENGLISH ABSTRACT/ *GASTROINTESTINAL MOTILITY, drug effects/ HUMAN/ ILEUM, drug effects/ *INTESTINES, drug effects/ JEJUNUM, drug effects/ *MANOMETRY/ MORPHINE/ MOVEMENT DISORDERS, chemically induced/ SEROTONIN, pharmacodynamics/ *STOMACH, drug effects/ TELEMETRY

960. **Durham WF:** Body burden of pesticides in man.
Ann NY Acad Sci 160:183-95, 1969 (53 ref.)
*ADIPOSE TISSUE, analysis/ ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, GAS/ DDT, administration & dosage/ *DDT, analysis/ DDT, blood/ DDT, metabolism/ DENMARK/ DIELDRIN, analysis/ ENGLAND/ ENVIRONMENTAL EXPOSURE/ FEMALE/ FRANCE/ HUMAN/ HYDROCARBONS, HALOGENATED, analysis/ HYDROCARBONS, HALOGENATED, metabolism/ INDIA/ *INSECTICIDES, analysis/ INSECTICIDES, metabolism/ ITALY/ LIPIDS, analysis/ MALE/ MILK, HUMAN, analysis/ RATS/ REVIEW/ SEX FACTORS/ UNITED STATES

961. **Durston JH:** Myasthenia gravis, Hashimoto's disease and pernicious anaemia.
Postgrad Med J 45:290-1, Apr 69
*ANEMIA, PERNICIOUS, complications/ ANTIGEN-ANTIBODY REACTIONS/ FEMALE/ HUMAN/ MIDDLE AGE/ *MYASTHENIA GRAVIS, complications/ *THYROIDITIS, LYMPHOMATOUS, complications

962. **Dussault J, Row VV, Volpé R:** The influence of

triiodothyronine (T3) treatment on the resin uptake of 131I-triiodothyronine.
Acta Endocr (Kobenhavn) 61:441-8, Jul 69
ADULT/ FEMALE/ HUMAN/ HYPOTHYROIDISM, diagnosis/ HYPOTHYROIDISM, drug therapy/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ MIDDLE AGE/ PREGNANCY/ THYROXINE, blood/ THYROXINE-BINDING PROTEIN/ *TRIIODOTHYRONINE, blood/ *TRIIODOTHYRONINE, therapeutic use

963. **Duvernoy H, Gainet F, Koritké JG:** Sur la vascularisation de l'hypophyse des oiseaux.
J Neurovisc Relat 31:109-27, 1969 (Fre)
ANIMAL EXPERIMENTS/ *BIRDS, anatomy & histology/ *BLOOD VESSELS, anatomy & histology/ CAPILLARIES/ CHICKENS, anatomy & histology/ DUCKS, anatomy & histology/ ENGLISH ABSTRACT/ PIGEONS, anatomy & histology/ PITUITARY GLAND, anatomy & histology/ *PITUITARY GLAND, blood supply/ PITUITARY GLAND, POSTERIOR, anatomy & histology/ PITUITARY GLAND, POSTERIOR, blood supply

964. **Duvernoy H, Koritke JG:** Les vaisseaux sous-épendymaires du recessus hypophysaire.
J Hirnforsch 10:227-45, 1968 (Fre)
ANIMAL EXPERIMENTS/ BIRDS/ CANARIES/ CAPILLARIES/ CARNIVORA/ CATS/ DYES/ ENGLISH ABSTRACT/ EPENDYMA/ FOXES/ HYPOTHALAMUS, blood supply/ INSECTIVORA/ NEUROSECRETION/ PIGEONS/ PITUITARY GLAND, anatomy & histology/ *PITUITARY GLAND, blood supply/ PITUITARY GLAND, POSTERIOR, blood supply/ RABBITS/ RATS/ SPECIES SPECIFICITY

965. **Dvořák O, Andrýsek O, Stránská E:** Die Möglichkeit einer gezielten Chemotherapie des fortgeschrittenen rezidivierenden Ovarialkarzinoms mit Hilfe der Zytodiagnostik und der Inkorporation von markiertem Jododeoxyuridine.
Geburtsh Frauenheilk 29:648-53, Jul 69 (Ger)
AGED/ ANTINEOPLASTIC AGENTS, metabolism/ ANTINEOPLASTIC AGENTS, therapeutic use/ ASCITES/ CYCLOPHOSPHAMIDE, metabolism/ CYTODIAGNOSIS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *IDOXURIDINE, metabolism/ IODINE ISOTOPES/ METHOTREXATE, metabolism/ MIDDLE AGE/ NEOPLASM CIRCULATING CELLS/ NEOPLASM METASTASIS/ NEOPLASM RECURRENCE, LOCAL, drug therapy/ *OVARIAN NEOPLASMS, drug therapy/ OVARIAN NEOPLASMS, metabolism/ OVARIAN NEOPLASMS, pathology/ TIME FACTORS

966. **Dyball RE:** Stimulation of the neurohypophysis of the rat by a transaural approach.
J Physiol (London) 203:3P-4P, Jul 69
ACTION POTENTIALS/ ANIMAL EXPERIMENTS/ EAR/ ELECTRIC STIMULATION/ ELECTRODES/ ELECTROPHYSIOLOGY/ METHODS/ *PITUITARY GLAND, physiology/ RATS

967. **Dyball RE:** The time relation between the secretory and electical responses of supraoptic neurones to osmotic stimuli.
J Physiol (London) 203:67P-68P, Jul 69
ANIMAL EXPERIMENTS/ ELECTRIC STIMULATION/ ELECTROPHYSIOLOGY/ *HYPOTHALAMUS, physiology/ JUGULAR VEIN/ MALE/ *NEURONS, physiology/ OSMOLAR CONCENTRATION/ *OSMOSIS/ RATS/ SODIUM CHLORIDE/ VASOPRESSIN, blood/ *VASOPRESSIN, secretion

968. **Dybovyi ED, Voronenko TV:** Funktsiia shchitovidnoi zhelezy v otdalennye sroki posle lecheniia J-131 bol'nykh tireotoksikozom.
Probl Endokr (Moskva) 13:8-22, May-Jun 67 (Rus)
ADOLESCENCE/ ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ *GOITER, EXOPHTHALMIC, surgery/ HUMAN/ *HYPERTHYROIDISM, physiopathology/ IODINE ISOTOPES, therapeutic use/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ MIDDLE AGE/ *THYROID GLAND, physiopathology/ THYROID GLAND FUNCTION TESTS

969. **Dyerberg J:** Fatty acid composition of the plasma lipids in hypothyroid subjects.
Acta Med Scand 184:441-9, Nov 68
ADULT/ AGED/ CHOLESTEROL, blood/ CHROMATOGRAPHY, GAS/ ESTERS, blood/ *FATTY ACIDS, blood/ FEMALE/ GLYCERIDES, blood/ HUMAN/ HYPERLIPEMIA, etiology/ *HYPOTHYROIDISM, blood/ HYPOTHYROIDISM, complications/ *LIPIDS, blood/ MALE/ MIDDLE AGE/ PHOSPHOLIPIDS, blood

970. **Dyk T, Piotrowska-Sowińska J, Buczkowska T:** Próba oceny leczenia zatruć grzybami.
Pol Tyg Lek 24:1005-7, 30 Jun 69 (Pol)
ADOLESCENCE/ ADULT/ ANTITOXINS, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ GASTRIC LAVAGE/ *GLUCOCORTICOIDS, therapeutic use/ HUMAN/ IMMUNE SERUMS/ LIPOIC ACID, therapeutic use/ MALE/ MIDDLE AGE/ *MUSHROOM POISONING, drug therapy

971. **Dzhafarova SA:** Opredelenie 11-oksikortikosteroidov v plazme krovi i katekholaminov v moche na flooreometre mirki FLIuM.
Lab Delo 4:248-9, 1969 (Rus)
ADOLESCENCE/ *ADRENAL CORTEX HORMONES, blood/ CHILD/ CHILD, PRESCHOOL/ *EPINEPHRINE, urine/ *FLUOROMETRY, instrumentation/ HUMAN/ INFANT/ METHODS/ *NOREPINEPHRINE, urine

972. **Dzierżanowski E:** Wyniki testu Hamolsky'ego w I trymestrze ciąży prawidłowej w poronieniach i w ciążach obumarłych. Ginek Pol 40:505-9, May 69 (Pol)
*ABORTION, blood/ ABORTION, MISSED, blood/ ABORTION, THREATENED, blood/ ENGLISH ABSTRACT/ *ERYTHROCYTES, analysis/ FEMALE/ HUMAN/ *PREGNANCY/ *TRIIODOTHYRONINE, blood

973. **Dzik A, Kosowicz J:** Zmiany dermatoglificzne w zespie Klinefeltera. Endokr Pol 20:295-302, 1969 (Pol)
*DERMATOGLYPHICS/ ENGLISH ABSTRACT/ HUMAN/ *KLINEFELTER'S SYNDROME/ MALE

E

974. **Eastwood D, Laidman DL:** The effects of plant hormones on the efflux of inorganic ions from wheat aleurone tissue. Biochem J 113:33P, Jul 69
CALCIUM, metabolism/ MAGNESIUM, metabolism/ PHOSPHORUS, metabolism/ *PLANT GROWTH REGULATORS, pharmacodynamics/ POTASSIUM, metabolism/ *SEEDS, drug effects/ SEEDS, metabolism

975. **Ebara Y:** [Study of the hypothalamic follicle-stimulating hormone-releasing factor]
J Jap Obstet Gynec Soc 21:381-90, Apr 69 (Jap)
ADULT/ AMENORRHEA, drug therapy/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CATTLE/ FEMALE/ *FSH, secretion/ HUMAN/ *HYPOTHALAMUS, analysis/ MALE/ *PITUITARY HORMONE RELEASING FACTORS, analysis/ PITUITARY HORMONE RELEASING FACTORS, therapeutic use/ RATS

976. **Ebashi S, Endo M:** Calcium ion and muscle contraction.
Progr Biophys 18:123-83, 1968 (280 ref.)
ACTION POTENTIALS/ ADENOSINE TRIPHOSPHATE, physiology/ ANIMAL EXPERIMENTS/ BRAIN, metabolism/ CALCIUM, metabolism/ CALCIUM, pharmacodynamics/ *CALCIUM, physiology/ CELL MEMBRANE, physiology/ ELECTROPHYSIOLOGY/ FLUORESCENT ANTIBODY TECHNIC/ GLYCOGEN,

metabolism/ MAGNESIUM, pharmacodynamics/ MICROSCOPY, ELECTRON/ MICROSCOPY, FLUORESCENCE/ MICROSOMES, metabolism/ *MUSCLE CONTRACTION/ MUSCLE PROTEINS, analysis/ MUSCLE RELAXING FACTOR/ MUSCLES, cytology/ REVIEW

977. **Eberle P:** Geschlechtsdiagnostik an Körperzellen.
Landarzt 43:863-74, 30 Jun 67 (Ger)
*CHROMOSOME ABNORMALITIES, diagnosis/ HUMAN/ *SEX CHROMATIN, analysis/ *SEX CHROMOSOMES/ *SEX DETERMINATION

978. **Ebner H:** Anesthetic management of the parturient in hemorrhagic shock.
Int Anesth Clin 6:765-86, Fall 68 (20 ref.)
ADRENAL CORTEX HORMONES, therapeutic use/ AFIBRINOGENEMIA, etiology/ *ANESTHESIA, OBSTETRICAL/ ANTIFIBRINOLYTIC AGENTS, therapeutic use/ BLOOD COAGULATION DISORDERS, diagnosis/ BLOOD COAGULATION DISORDERS, drug therapy/ BLOOD COAGULATION DISORDERS, etiology/ BLOOD TRANSFUSION/ BLOOD VOLUME/ CESAREAN SECTION/ CYCLOPROPANE, administration & dosage/ DELIVERY/ DEXTRAN, therapeutic use/ ELECTROLYTES, therapeutic use/ FEMALE/ FIBRINOGEN, therapeutic use/ FIBRINOLYSIS/ HUMAN/ INFUSIONS, PARENTERAL/ *LABOR COMPLICATIONS, therapy/ PREGNANCY/ REVIEW/ *SHOCK, HEMORRHAGIC, therapy

979. **Eddy JM:** Metamorphosis and the pineal complex in the brook lamprey, Lampetra planeri.
J Endocr 44:451-2, Jul 69
ANIMAL EXPERIMENTS/ *CYCLOSTOMES/ *METAMORPHOSIS, BIOLOGICAL/ *PINEAL BODY, metabolism/ PINEAL BODY, physiology/ SEASONS

980. **Edelhoch H, Lippoldt RE:** Structural studies on polypeptide hormones. I. Fluorescence.
J Biol Chem 244:3876-83, 25 Jul 69
CATTLE/ CHEMISTRY/ CORTICOTROPIN/ CRYSTALLIZATION/ FLUORESCENCE/ *GLUCAGON/ GUANIDINES/ *HORMONES/ HYDROGEN-ION CONCENTRATION/ *PARATHYROID HORMONE/ *PEPTIDES/ SPECTRUM ANALYSIS/ TEMPERATURE/ TRYPTOPHAN/ TYROSINE

981. **Edelhoch H, Periman RL, Wilchek M:** Tyrosine fluorescence in proteins.
Ann NY Acad Sci 158:391-409, 16 May 69
AMIDES, analysis/ CORTICOTROPIN, analysis/ ENERGY TRANSFER/ FLUORESCENCE/ PARATHYROID HORMONE, analysis/ PEPTIDES, analysis/ *PROTEINS, analysis/ SOLVENTS/ SOMATOTROPIN, analysis/ SPECTRUM ANALYSIS/ TEMPERATURE/ TRYPTOPHAN, analysis/ *TYROSINE, analysis

982. **Edgren RA, Jones RC:** An anti-estradiol effect of ent-estradiol-17beta (1-estradiol).
Steroids 14:335-41, Sep 69
ANIMAL EXPERIMENTS/ *ESTRADIOL, antagonists & inhibitors/ *ESTRADIOL, pharmacodynamics/ FEMALE/ MICE/ ORGAN WEIGHT/ STEREOISOMERS/ *UTERUS, drug effects/ *VAGINA, drug effects/ VAGINAL SMEARS

983. **Edmonds CJ, Marriott JC:** The effect of aldosterone on the electrical activity of rat colon.
J Endocr 44:363-77, Jul 69
ADRENALECTOMY/ ALDOSTERONE, administration & dosage/ *ALDOSTERONE, administration & dosage/ ANESTHESIA, INTRAVENOUS/ ANIMAL EXPERIMENTS/ *COLON, physiology/ CORTISONE, administration & dosage/ ELECTROPHYSIOLOGY/ INJECTIONS, INTRAVENOUS/ MUCOUS MEMBRANE/ OUABAIN, administration & dosage/ PENTOBARBITAL/ RATS/ SODIUM, metabolism/ SPIRONOLACTONE, administration & dosage

984. **Edney AT:** Lactational tetany in the cat.
J Small Anim Pract 10:231-6, Apr 69
CALCIUM, therapeutic use/ *CAT DISEASES, etiology/ CATS/ FEMALE/ *LACTATION DISORDERS, veterinary/ TETANY, etiology/ *TETANY, veterinary

985. **Edwards PA:** Parathyroid adenoma.
Nurs Times 65:1162-5, 11 Sep 69
*ADENOMA/ ADENOMA, radiography/ ADULT/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ MULTIPLE SCLEROSIS, diagnosis/ *PARATHYROID NEOPLASMS/ PARATHYROID NEOPLASMS, radiography

986. **Edwards WG Jr, Strong CG, Hunt JC:** A vasodepressor lipid resembling prostaglandin E2 (PGE2) in the renal venous blood of hypertensive patients.
J Lab Clin Med 74:389-99, Sep 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CHROMATOGRAPHY, THIN LAYER/ HUMAN/ *HYPERTENSION, RENAL, blood/ KIDNEY FUNCTION TESTS/ *LIPIDS, blood/ LIPIDS, isolation & purification/ METHODS/ *PROSTAGLANDINS, blood/ PROSTAGLANDINS, isolation & purification/ RATS/ RENAL ARTERY OBSTRUCTION, blood/ RENAL VEINS/ SPECTRUM ANALYSIS/ *VASODILATOR AGENTS, blood/ VASODILATOR AGENTS, isolation & purification

987. **Efrati P:** Bites by Loxosceles spiders in Israel.
Toxicon 6:239-41, May 69
ADOLESCENCE/ ADULT/ ANALGESICS AND ANTIPYRETICS, therapeutic use/ *ARACHNIDISM/ ARACHNIDISM, complications/ ARACHNIDISM, drug therapy/ ERYTHEMA, etiology/ FEMALE/ HUMAN/ ISRAEL/ MALE/ MIDDLE AGE/ NECROSIS, etiology/ PREDNISONE, therapeutic use

988. **Efrati P:** Clinical manifestations and treatment of viper bite in Israel.
Toxicon 7:29-31, Jun 69
ANTIVENINS, therapeutic use/ BRAIN EDEMA, etiology/ FEMALE/ HEMORRHAGE, etiology/ HUMAN/ HYDROCORTISONE, therapeutic use/ ISRAEL/ SHOCK, etiology/ *SNAKE BITES/ SNAKE BITES, complications/ SNAKE BITES, pathology/ SNAKE BITES, therapy

989. **Egawa J:** Geschlechtschromatin in ovarialtumoren.
Endocr Jap 16:17-20, Feb 69 (Ger)
ADENOCARCINOMA/ CARCINOMA, EPIDERMOID/ ENGLISH ABSTRACT/ *OVARIAN NEOPLASMS/ OVARY, cytology/ *SEX CHROMATIN/ SEX CHROMOSOMES/ TURNER'S SYNDROME

990. **Egdahl RH:** Some recent advances in endocrine surgery.
Amer J Surg 118:363-7, Sep 69 (33 ref.)
CARCINOMA, surgery/ CUSHING'S SYNDROME, surgery/ *ENDOCRINE DISEASES, surgery/ HUMAN/ HYPERALDOSTERONISM, surgery/ HYPERPARATHYROIDISM, complications/ ISLET CELL TUMOR, surgery/ MENTAL DISORDERS, etiology/ PARATHYROID DISEASES, surgery/ PARATHYROID HORMONE, blood/ PHEOCHROMOCYTOMA, surgery/ RADIOIMMUNOASSAY/ REVIEW/ THYROCALCITONIN, therapeutic use/ THYROID NEOPLASMS, surgery

991. **Egdahl RH, Mack E, Herman A:** The effect of haemorrhage on adrenocortical perfusion and function.
Brit J Surg 56:703, Sep 69
ADRENAL CORTEX HORMONES, blood/ ADRENAL CORTEX HORMONES, secretion/ ADRENAL GLANDS, blood supply/ *ADRENAL GLANDS, physiopathology/ ANIMAL EXPERIMENTS/ DOGS/ HYPOTENSION, complications/ *SHOCK, HEMORRHAGIC, physiopathology

992. **Egli F, Stalder G, Gloor F, et al:** Heparintherapie des hämolytisch-urämischen Syndroms.
Helv Paediat Acta 24:13-37, Feb 69 (Ger)

ADRENAL GLANDS, pathology/ ANEMIA, HEMOLYTIC, complications/ *ANEMIA, HEMOLYTIC, drug therapy/ ANTIBIOTICS, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ GLUCOCORTICOIDS, therapeutic use/ *HEPARIN, therapeutic use/ HUMAN/ INFANT/ *KIDNEY FAILURE, ACUTE, drug therapy/ KIDNEY GLOMERULUS, pathology/ LUNG, pathology/ MALE/ SHWARTZMAN PHENOMENON/ THROMBOPENIA, drug therapy/ UREMIA, complications/ *UREMIA, drug therapy

993. **Egozcue J:** Meiosis in five Macaca species.
Folia Primat (Basel) 11:1-16, 1969
*CHROMOSOMES/ KARYOTYPING/ *MEIOSIS/ *MONKEYS/ TESTIS

994. **Eguchi S, Aoki E, Hoshino K, et al:** [Massive administration of corticosteroids during open heart surgery--experimental and clinical studies]
Jap J Thorac Surg 22:262-9, Apr 69 (Jap)
ADOLESCENCE/ ADULT/ ANIMAL EXPERIMENTS/ CHILD/ CLINICAL RESEARCH/ *DEXAMETHASONE, administration & dosage/ DOGS/ ENGLISH ABSTRACT/ EXTRACORPOREAL CIRCULATION/ FEMALE/ *HEART SURGERY/ HEMODYNAMICS, drug effects/ HUMAN/ LUNG, pathology/ MALE/ RESPIRATION/ *SHOCK, SURGICAL, drug therapy

995. **Ehring R, Colowick SP:** The two-step formation and inactivation of acylphosphatase by agents acting on glyceraldehyde phosphate dehydrogenase.
J Biol Chem 244:4589-99, 10 Sep 69
BENZOATES/ BINDING SITES/ CHEMISTRY/ CRYSTALLIZATION/ *GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE/ GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE, analysis/ IODINE/ IODOACETATES/ KINETICS/ MUSCLES, enzymology/ OXIDATION-REDUCTION/ *PHOSPHATASES/ PYRROLIDINONES/ RABBITS/ SACCHAROMYCES, enzymology/ SPECTROPHOTOMETRY/ *SULFHYDRYL COMPOUNDS/ SULFHYDRYL COMPOUNDS, analysis

996. **Eichbaum FW, Spanoudis S, Aguiar A, et al:** Influence of antiadrenergic measures on the blood catecholamine level in protracted intracranial hypertension.
Z Kreislaufforsch 58:430-9, Apr 69
*ADRENALECTOMY/ ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ *CEREBROVASCULAR DISORDERS, blood/ DOGS/ ELECTROCARDIOGRAPHY/ *EPINEPHRINE, blood/ FEMALE/ FLUOROMETRY/ HEART RATE, drug effects/ *HYPERTENSION, blood/ INJECTIONS, INTRAMUSCULAR/ INJECTIONS, INTRAVENOUS/ *INTRACRANIAL PRESSURE/ MALE/ *NOREPINEPHRINE, blood/ *PHENOXYBENZAMINE, pharmacodynamics/ *PRONETHALOL, pharmacodynamics/ *PROPRANOLOL, pharmacodynamics/ *RESERPINE, pharmacodynamics/ SPLANCHNIC NERVES, surgery/ STATISTICS/ *SYMPATHECTOMY/ TRACHEOTOMY

997. **Eisner M, Oszczak A, Gołębiowska I:** Zaburzenia przemiany estrogenów w wirusowym zapaleniu wątroby.
Pol Arch Med Wewnet 42:871-8, Jun 69 (Pol)
ADULT/ ENGLISH ABSTRACT/ ESTRADIOL, urine/ *ESTROGENS, metabolism/ ESTRONE, urine/ *HEPATITIS, INFECTIOUS, metabolism/ HEPATITIS, INFECTIOUS, urine/ HUMAN/ MALE

998. **Elian M:** Petit mal-like discharge in the electroencephalograms of adults.
Electroenceph Clin Neurophysiol 27:216, Aug 69
ADULT/ AGE FACTORS/ ANIMAL EXPERIMENTS/ ANIMALS, LABORATORY/ BRAIN NEOPLASMS, physiopathology/ *ELECTROENCEPHALOGRAPHY/ *EPILEPSY, PETIT MAL, physiopathology/ HORMONES, physiology/ HUMAN/ MIDDLE AGE/ PNEUMOENCEPHALOGRAPHY/ PUBERTY, PRECOCIOUS

999. **Eliseev OM:** Izmeneniia pochechnoĭ gemodinamiki i funktsii pochek pri serdechnoĭ nedostatochnosti.
Kardiologiia 9:132-41, May 69 (61 ref.) (Rus)
ALDOSTERONE, physiology/ ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ ARTERIOVENOUS ANASTOMOSIS/ CARDIAC VOLUME/ CATECHOLAMINES, secretion/ DIURETICS, pharmacodynamics/ HEART FAILURE, CONGESTIVE, complications/ HEART FAILURE, CONGESTIVE, metabolism/ HEART FAILURE, CONGESTIVE, pathology/ HEART FAILURE, CONGESTIVE, physiopathology/ *HEART FAILURE, CONGESTIVE, physiopathology/ *HEMODYNAMICS/ HYPERTENSION, complications/ KIDNEY, blood supply/ KIDNEY, pathology/ *KIDNEY, physiopathology/ KIDNEY TUBULES, physiopathology/ OXYGEN, blood/ REVIEW/ SODIUM, metabolism/ VASCULAR RESISTANCE/ VASOMOTOR SYSTEM, physiopathology/ VASOPRESSIN, physiology/ VEINS, physiopathology/ WATER-ELECTROLYTE BALANCE/ WATER-ELECTROLYTE BALANCE, drug effects

1000. **Elithorn A, Bridges PK, Hodges JR, et al:** Adrenocrotical responsiveness during courses of electro-convulsive therapy.
Brit J Psychiat 115:575-80, May 69
ADOLESCENCE/ *ADRENAL GLANDS, physiology/ ADULT/ *DEPRESSION, therapy/ HUMAN/ HYDROCORTISONE, blood/ MIDDLE AGE/ *SCHIZOPHRENIA, therapy/ *SHOCK THERAPY, ELECTRIC/ STATISTICS

1001. **Elizondo RS, LeBrie SJ:** Adrenal-renal function in water snakes Natrix cyclopion.
Amer J Physiol 217:419-25, Aug 69
*ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CHLORIDES, metabolism/ CORTICOSTERONE, pharmacodynamics/ DIURESIS/ FEMALE/ GLOMERULAR FILTRATION RATE/ KIDNEY, physiology/ MALE/ OSMOSIS/ POTASSIUM, metabolism/ *SNAKES/ SODIUM, metabolism/ SPIRONOLACTONE, pharmacodynamics/ TRIAMTERENE, pharmacodynamics/ WATER

1002. **Elkeles RS, Wright AD, Lowy C, et al:** Serum-insulin in acromegaly.
Lancet 2:615-8, 20 Sep 69
*ACROMEGALY, blood/ ACROMEGALY, complications/ ACROMEGALY, radiotherapy/ ADOLESCENCE/ ADULT/ BLOOD SUGAR, analysis/ DIABETES MELLITUS, blood/ DIABETES MELLITUS, complications/ FASTING/ FEMALE/ GLUCOSE TOLERANCE TEST/ HUMAN/ *INSULIN, blood/ IODINE ISOTOPES/ MALE/ MIDDLE AGE/ RADIOIMMUNOASSAY/ SOMATOTROPIN, blood/ YTTRIUM ISOTOPES, therapeutic use

1003. **El'kina IuA, Venchikova NK:** Vliianie gormonal'noĭ terapii na funktsional'noe sostoianie kory nadpochechnikov pri infektsionnom gepatite u deteĭ.
Pediatriia 48:7-11, Jan 69 (Rus)
*ADRENAL GLANDS, drug effects/ CHILD/ *GLUCOCORTICOIDS, therapeutic use/ *HEPATITIS, INFECTIOUS, drug therapy/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ 17-KETOSTEROIDS, urine/ POTASSIUM, blood/ POTASSIUM, urine/ SODIUM, blood/ SODIUM, urine

1004. **Ellis GP:** The literature of medicinal chemistry.
Progr Med Chem 6:266-368, 1969 (999 ref.)
ALKALOIDS/ *BIBLIOGRAPHY/ CARBOHYDRATES/ *CHEMISTRY, PHARMACEUTICAL/ CHROMATOGRAPHY/ DRUGS/ HORMONES/ LIPIDS/ NUCLEIC ACIDS/ *PHARMACOLOGY/ PROTEINS/

RADIOCHEMISTRY/ REVIEW/ SPECTRUM ANALYSIS/ STEROIDS/ VITAMINS

1005. **Ellis HA, Knight B:** Parathyroids and cervical thymus in sudden unexpected death in infancy.
Pediatrics 44:225-33, Aug 69
CALCIUM, blood/ CALCIUM, cerebrospinal fluid/ *DEATH, SUDDEN/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ NECK, abnormalities/ *PARATHYROID GLANDS, abnormalities/ PARATHYROID GLANDS, pathology/ SEX FACTORS/ *THYMUS GLAND, abnormalities/ THYMUS GLAND, pathology

1006. **Ellis S, Grindeland RE, Nuenke JM, et al:** Purification and properties of rat prolactin.
Endocrinology 85:886-94, Nov 69
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CHROMATOGRAPHY, ION EXCHANGE/ COMPLEMENT FIXATION TESTS/ CROP, AVIAN, drug effects/ DEAE-CELLULOSE/ ELECTROLYSIS/ ELECTROPHORESIS, DISK/ FIBRINOLYSIN/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HAMSTERS/ HYDROGEN-ION CONCENTRATION/ MICE/ MOLECULAR WEIGHT/ PIGEONS/ *PITUITARY GLAND, analysis/ *PROLACTIN, analysis/ *PROLACTIN, isolation & purification/ RADIOIMMUNOASSAY/ RATS/ ULTRACENTRIFUGATION

1007. **El'piner LI, Bokina AI, Shafirov IuB:** Gigienicheskaia otsenka vody opresnennoĭ évaporatsieĭ.
Gig Sanit 34:22-6, Jun 69 (Rus)
ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ ASCORBIC ACID, metabolism/ CHLORINE, metabolism/ DOGS/ ENGLISH ABSTRACT/ GASTRIC JUICE, secretion/ RATS/ SALTS, metabolism/ STOMACH, secretion/ THYMUS GLAND, metabolism/ *WATER

1008. **Els H, Fürst A, Englert G, et al:** Uber 9-beta,10-alpha-steroide. 4. Strukturaufklärung von mikrobiologischen Umsetzungsprodukten.
Helv Chim Acta 52:1157-64, 1969 (Ger)
*ANDROSTANES/ CHEMISTRY/ ENGLISH ABSTRACT/ *PREGNANES/ SPECTRUM ANALYSIS

1009. **Elyakov GB, Strigina LI, Shapkina EV, et al:** The probable structure of true aglycones of Ginseng glycosides. Tetrahedron 24:5483-91, Aug 68
CHEMISTRY/ *GINSENG/ *GLYCOSIDES/ STEROIDS

1010. **Emerson K Jr:** HPL levels and intervention in pregnancy. New Eng J Med 281:852, 9 Oct 69
*ABORTION, THERAPEUTIC/ FEMALE/ *FETAL DISEASES, blood/ FETUS, growth & development/ HUMAN/ INFANT, NEWBORN/ *PLACENTAL HORMONES, blood/ PLACENTAL LACTOGEN, blood/ PREGNANCY

1011. **Emery AE:** Genetic counselling in X-linked muscular dystrophy. J Neurol Sci 8:579-87, May-Jun 69
BLOOD FLOW VELOCITY/ *COUNSELING/ CREATINE KINASE, blood/ ELECTROMYOGRAPHY/ FEMALE/ GAMMA GLOBULIN, analysis/ GENES/ HETEROZYGOTE/ HOMOZYGOTE/ HUMAN/ IMMUNOELECTROPHORESIS/ LACTATE DEHYDROGENASE ISOENZYMES, analysis/ MALE/ MUSCLES, pathology/ MUSCULAR DYSTROPHY, diagnosis/ *MUSCULAR DYSTROPHY, familial & genetic/ POTASSIUM, analysis/ REGIONAL BLOOD FLOW/ *SEX CHROMOSOMES/ STATISTICS

1012. **Emery AE, Nelson MM, Gordon G, et al:** Antenatal diagnosis. Scot Med J 14:277-81, Aug 69
*AMNIOTIC FLUID, analysis/ *AMNIOTIC FLUID, cytology/ CYTODIAGNOSIS/ *DELIVERY/ FEMALE/ *HEREDITARY DISEASES, diagnosis/ HEREDITARY DISEASES, prevention & control/ HISTOCYTOCHEMISTRY/ HUMAN/ INFANT, NEWBORN/ KARYOTYPING/ MALE/ METABOLISM, INBORN ERRORS, diagnosis/ METHODS/ PREGNANCY/ SEX CHROMATIN/ SEX DETERMINATION

1013. **Emmola C:** Picnodisostosi. Quadro radiologico.
Minerva Pediat 21:1311-3, 14 Jul 69 (Ita)
*BONE AND BONES, abnormalities/ CHILD/ *FOOT, abnormalities/ HUMAN/ *JAW ABNORMALITIES/ MALE/ *SKULL, abnormalities

1014. **Emr J, Herout V:** Die Entwicklungsstörungen des Hüftgelenkes beim diastrophischen Zwergwuchs.
Beitr Orthop Trauma 15:671-4, 1968 (Ger)
CASE REPORT/ CHILD, PRESCHOOL/ *DWARFISM, complications/ FEMALE/ FEMUR, pathology/ *HIP, abnormalities/ HUMAN/ PELVIS, abnormalities

1015. **Enderle A, Korb G, Krug A:** Tierexperimentelle Untersuchungen zur Beeinflussung der Folgen eines temporären Koronararterienverschlusses auf das Myokard. Z Kreislaufforsch 58:465-72, May 69 (Ger)
ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ CATS/ CORONARY VESSELS, pathology/ *CORONARY VESSELS, surgery/ CORTISONE, therapeutic use/ *DEXTRAN, therapeutic use/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ HYDROGEN-ION CONCENTRATION/ *MYOCARDIAL INFARCT, prevention & control/ MYOCARDIUM, pathology/ NECROSIS, drug therapy/ *SORBITOL, therapeutic use

1016. **Endo H, Kotoh K, Matsumoto K, et al:** Secretion of progesterone and 20alpha-dihydroprogesterone by corpora lutea and interstitial tissue of pregnant rabbits. J Endocr 44:455-6, Jul 69
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHROMATOGRAPHY/ *CORPUS LUTEUM, secretion/ FEMALE/ KETONES, blood/ OVARY, blood supply/ PREGNANCY/ *PREGNANCY, ANIMAL/ PREGNANES, blood/ *PROGESTERONE, secretion/ RABBITS

1017. **Endo H, Murota S, Enomoto H:** Effect of hormones on the chondroitin sulfate metabolism of chick embryo femora growing in vitro. 3. Effect of sex steroids on chondroitin sulfate synthesis in the cartilagenous bones growing in the natural medium.
Endocr Jap 16:115-9, Feb 69
ANIMAL EXPERIMENTS/ CARTILAGE, drug effects/ *CARTILAGE, metabolism/ CHICK EMBRYO/ *CHONDROITIN, biosynthesis/ CULTURE MEDIA/ DEHYDROEPIANDROSTERONE, pharmacodynamics/ DEPRESSION, CHEMICAL/ ESTRADIOL, pharmacodynamics/ *FEMUR, metabolism/ HORSES/ IMMUNE SERUMS/ IN VITRO/ PROGESTERONE, pharmacodynamics/ *SEX HORMONES, pharmacodynamics/ STIMULATION, CHEMICAL/ *SULFATES, biosynthesis/ SULFUR ISOTOPES/ TESTOSTERONE, pharmacodynamics/ TIME FACTORS/ TISSUE CULTURE

1018. **Eneroth G, Ahlund K:** Biological assay of insulin by blood sugar determination in mice.
Acta Pharm Suec 5:591-4, Dec 68
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *BIOLOGICAL ASSAY/ *BLOOD SUGAR, analysis/ *INSULIN, pharmacodynamics/ MICE/ STARVATION

1019. **Engel AG, Lambert EH:** Calcium activation of electrically inexcitable muscle fibers in primary hypokalemic periodic paralysis.
Neurology (Minneap) 19:851-8, Sep 69
ADOLESCENCE/ ADULT/ CALCIUM, metabolism/ *CALCIUM, pharmacodynamics/ CELL MEMBRANE/ ELECTRIC STIMULATION/ EPINEPHRINE/ EVOKED POTENTIALS, drug effects/ FEMALE/ GLUCOSE/ HUMAN/ HYPOKALEMIA, chemically induced/ *HYPOKALEMIA, physiopathology/ INFUSIONS, PARENTERAL/ INSULIN/ MALE/ *MUSCLE CONTRACTION/ MUSCLE CONTRACTION, drug effects/

MYOFIBRILS/ PARALYSIS, FAMILIAL PERIODIC, chemically induced/ *PARALYSIS, FAMILIAL PERIODIC, physiopathology/ TIME FACTORS

1020. Engeler V: Zur Therapie des Choriokarzinoms.
Gynaecologia (Basel) 167:405-11, 1969 (Ger)
ADULT/ *CHORIOCARCINOMA, drug therapy/ CHORIOCARCINOMA, etiology/ CHORIOCARCINOMA, radiography/ CHORIOCARCINOMA, urine/ FEMALE/ GONADOTROPINS, CHORIONIC, urine/ HUMAN/ HYDATIDIFORM MOLE, complications/ LUNG NEOPLASMS, drug therapy/ LUNG NEOPLASMS, radiography/ *METHOTREXATE, therapeutic use/ NEOPLASM METASTASIS, drug therapy/ NEOPLASM METASTASIS, radiography/ *UTERINE NEOPLASMS, drug therapy/ UTERINE NEOPLASMS, etiology/ UTERINE NEOPLASMS, urine

1021. Engelman K: Principles in the diagnosis of pheochromocytoma.
Bull NY Acad Med 45:851-8, Sep 69
*ADRENAL GLAND NEOPLASMS, diagnosis/ CASE REPORT/ CATECHOLAMINES, urine/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ MALE/ MANDELIC ACID, urine/ MIDDLE AGE/ NEOPLASM METASTASIS/ ORAL MANIFESTATIONS/ *PHEOCHROMOCYTOMA, diagnosis/ TONGUE DISEASES/ VANILMANDELIC ACID, urine

1022. Enger E: Pinealoma metastasizing within the central nervous system. J Oslo City Hosp 19:62-7, Apr 69
ADOLESCENCE/ ADULT/ AGE FACTORS/ *BRAIN NEOPLASMS/ *CEREBELLAR NEOPLASMS/ HUMAN/ MALE/ NEOPLASM METASTASIS/ PAPILLEDEMA, etiology/ *PINEALOMA/ PINEALOMA, complications/ SEX FACTORS/ *SPINAL CORD NEOPLASMS/ TIME FACTORS

1023. Englhardt A, Schmidt-Sodingen G, Lange H: Metabolitgehalt und Enzympermeabilität isolierter menschlicher Blutzellen bei Substratmangel und Zusatz von Stoffwechselgiften.
Enzym Biol Clin (Basel) 10:258-80, 1969 (Ger)
ACETONE, metabolism/ ADENINE NUCLEOTIDES, metabolism/ BLOOD CELLS, drug effects/ *CARBON TETRACHLORIDE, pharmacodynamics/ CELL MEMBRANE PERMEABILITY/ ENGLISH ABSTRACT/ *ERYTHROCYTES, metabolism/ GLYCEROPHOSPHATES, metabolism/ HEXOSEDIPHOSPHATASE, metabolism/ HEXOSEPHOSPHATES, metabolism/ HUMAN/ *IODOACETATES, pharmacodynamics/ LACTATE DEHYDROGENASE, metabolism/ LACTATES, metabolism/ *LEUKOCYTES, metabolism/ MALATE DEHYDROGENASE, metabolism/ PHOSPHATES, metabolism/ PYRUVATES, metabolism/ *THYROXINE, pharmacodynamics

1024. Ephraïm KH: Radioisotope scanning in internal medicine. Folia Med Neerl 11:100-37, 1968 (23 ref.)
AUTOFLUOROSCOPY/ BONE DISEASES, diagnosis/ COMPUTERS/ DATA DISPLAY/ HEART DISEASES, diagnosis/ HUMAN/ INDIUM/ KIDNEY DISEASES, diagnosis/ LIVER DISEASES, diagnosis/ LUNG DISEASES, diagnosis/ MATHEMATICS/ METHODS/ PANCREATIC DISEASES, diagnosis/ PARATHYROID DISEASES, diagnosis/ *RADIOISOTOPE SCANNING/ RADIOISOTOPE SCANNING, instrumentation/ RADIOISOTOPES, standards/ REVIEW/ SPLENIC DISEASES, diagnosis/ STRONTIUM ISOTOPES/ TECHNETIUM/ THYROID DISEASES, diagnosis

1025. Epstein E: Shoe contact dermatitis.
JAMA 209:1487-92, 8 Sep 69
ALLERGENS/ CHILD/ *DERMATITIS, CONTACT, diagnosis/ DERMATITIS, CONTACT, drug therapy/ DERMATITIS, CONTACT, etiology/ DERMATITIS, CONTACT, prevention & control/ DIAGNOSIS, DIFFERENTIAL/ ECZEMA, diagnosis/ FEMALE/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ MYCOSES, diagnosis/ PROGNOSIS/ PSORIASIS, diagnosis/ RUBBER/ *SHOES/ SKIN TESTS

1026. Epstein E: Thyroid cancer due to x-ray treatment of acne. JAMA 209:1529-30, 8 Sep 69
*ACNE, radiotherapy/ ADULT/ FEMALE/ HUMAN/ MALE/ *RADIOTHERAPY, adverse effects/ *THYROID NEOPLASMS, etiology

1027. Erämetsä O, Sihvonen ML, Forssén A: Rare earths in the human body. I. Yttrium.
Ann Med Exp Biol Fenn 46:179-84, 1968
ACTIVATION ANALYSIS/ *BRAIN CHEMISTRY/ HUMAN/ *HYPOTHALAMUS, analysis/ MATHEMATICS/ *OVARY, analysis/ *PROSTATE, analysis/ SPECTRUM ANALYSIS/ *YTTRIUM, analysis

1028. Erb H: Zur hormonalen Regulation der Tubenmotilität. In-vitro-Versuche an menschlichen Tuben.
Bibl Gynaec 51:1-87, 1969 (Ger)
*ACETYLCHOLINE, physiology/ CLIMACTERIC/ *EPINEPHRINE, physiology/ *FALLOPIAN TUBES, physiology/ FEMALE/ HUMAN/ IN VITRO/ MENSTRUATION/ MUSCLE CONTRACTION/ *MUSCLE, SMOOTH, physiology/ OVULATION/ POTASSIUM, physiology/ PREGNANEDIOL, urine/ *PROGESTERONE, physiology

1029. Erb H, Wenner R: Hormonale Beeinflussung der menschlichen Tubenmotilität (in vitro-Versuche)
Arch Gynaek 207:165, 1969 (Ger)
ACETYLCHOLINE, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ *FALLOPIAN TUBES, drug effects/ FALLOPIAN TUBES, physiology/ FEMALE/ HUMAN/ IN VITRO/ KYMOGRAPHY/ *PROGESTERONE, pharmacodynamics/ SEROTONIN, pharmacodynamics

1030. Erb H, Wenner R: Hormonale Beeinflussung der menschlichen Tubenmotilität.
Experientia 25:411-2, 15 Apr 69 (Ger)
*ACETYLCHOLINE, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ FALLOPIAN TUBES, drug effects/ *FALLOPIAN TUBES, physiology/ FEMALE/ HUMAN/ MENSTRUATION/ MUSCLE, SMOOTH, physiology/ PREGNANEDIOL, urine/ *PROGESTERONE, pharmacodynamics/ SEROTONIN, pharmacodynamics

1031. Eriksson H, Gustafsson JA, Sjövall J: Steroids in germfree and conventional rats. 21-dehydroxylation by intestinal microorganisms.
Europ J Biochem 9:550-4, Jul 69
ANIMAL EXPERIMENTS/ CECUM, metabolism/ *CECUM, microbiology/ CHROMATOGRAPHY, GAS/ DEUTERIUM/ DEXTRAN/ FECES, analysis/ GEL FILTRATION/ *GERM-FREE LIFE/ OXYGEN CONSUMPTION/ *PREGNANEDIOL, metabolism/ *PREGNANES, metabolism/ *PREGNANETRIOL, metabolism/ RATS

1032. Eriksson H, Gustafsson JA, Sjövall J: Steroids in germfree and conventional rats. Free steroids in faeces from conventional rats.
Europ J Biochem 9:286-90, Jun 69
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, GAS/ *FECES, analysis/ *GERM-FREE LIFE/ PREGNANEDIOL, analysis/ PREGNENOLONE, analysis/ RATS/ SPECTRUM ANALYSIS/ *STEROIDS, analysis/ STEROIDS, isolation & purification

1033. Ermolov VI: Belkovyi sostav i immunogennye svoistva moloka sobak v razlichnye periody laktatsii.
Biull Eksp Biol Med 67:56-7, Feb 69 (Rus)
ANIMAL EXPERIMENTS/ *ANTIBODIES, analysis/ COLOSTRUM, analysis/ *COLOSTRUM, immunology/ DOGS/ DYSENTERY, BACILLARY, immunology/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ FEMALE/ *LACTATION/ PHAGOCYTOSIS/

PROTEINS, analysis/ SALMONELLA INFECTIONS, immunology/ TIME FACTORS

1034. **Ermulovich IaV, Leibin LS:** Khemodektoma shchitovidnoĭ zhelezy, simulirovavshaia uzlovoĭ zob.
Probl Endokr (Moskva) 14:53-5, Nov-Dec 68 (Rus)
CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ *GOITER, diagnosis/ HUMAN/ MALE/ *PARAGANGLIA, NONCHROMAFFIN, diagnosis/ *THYROID NEOPLASMS, diagnosis

1035. **Ernst AM:** The role of biogenic amines in the extra-pyramidal system.
Acta Physiol Pharmacol Neerl 15:141-54, Jun 69
ANIMAL EXPERIMENTS/ APOMORPHINE, pharmacodynamics/ BEHAVIOR, ANIMAL, drug effects/ BIOGENESIS/ CHEMISTRY/ DEXTRO AMPHETAMINE, pharmacodynamics/ *DOPAMINE, physiology/ *EXTRAPYRAMIDAL TRACTS, drug effects/ HALOPERIDOL, pharmacodynamics/ MOTOR ACTIVITY, drug effects/ PERPHENAZINE, pharmacodynamics/ RATS/ RECEPTORS, DRUG, drug effects/ SEROTONIN, physiology

1036. **Ershkovich IG, Gol'dfel'd NG, Koza RI:** Znachenie glitserina i retrobul'barnykh in"ektsiĭ gidrokortizona v lechenii nevritov zritel'nogo nerva.
Oftal Zh 24:107-13, 1969 (Rus)
ADOLESCENCE/ ADULT/ AGED/ ANTIBIOTICS, therapeutic use/ CHILD/ ENGLISH ABSTRACT/ *GLYCERIN, administration & dosage/ HUMAN/ *HYDROCORTISONE, administration & dosage/ INJECTIONS/ MIDDLE AGE/ *OPTIC NEURITIS, therapy/ OSMOSIS/ THIAMINE, therapeutic use/ TISSUE THERAPY/ VITAMIN B 12, therapeutic use

1037. **Ertel NH, Moskovitz ML, Schiffer MA:** A modification of the rapid method for the assay of plasma estriol in pregnancy: use of unconjugated 3H-estriol to correct for losses. J Clin Endocr 29:1266-8, Sep 69
CHROMATOGRAPHY, PAPER/ DIABETES MELLITUS, blood/ *ESTRIOL, blood/ FEMALE/ GLUCURONATES, blood/ HUMAN/ METHODS/ *PREGNANCY/ SULFATES, blood/ TRITIUM

1038. **Esanu C, Bray GA:** DNA synthesis in human adipose tissue in vitro. II. Effect of obesity.
J Clin Endocr 29:1033-5, Aug 69
ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, metabolism/ BLOOD/ DEXAMETHASONE, pharmacodynamics/ *DNA, biosynthesis/ HUMAN/ HYDROCORTISONE, pharmacodynamics/ 17-HYDROXYCORTICOSTEROIDS, urine/ IN VITRO/ INSULIN, blood/ INSULIN, pharmacodynamics/ *OBESITY, metabolism/ STIMULATION, CHEMICAL/ THYMIDINE, metabolism/ TRITIUM

1039. **Esanu C, Murakawa S, Bray GA, et al:** DNA synthesis in human adipose tissue in vitro. I. Effect of serum and hormones. J Clin Endocr 29:1027-32, Aug 69
ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, metabolism/ *BLOOD/ *DEXAMETHASONE, pharmacodynamics/ DNA, biosynthesis/ HUMAN/ *HYDROCORTISONE, pharmacodynamics/ IN VITRO/ *INSULIN, pharmacodynamics/ STIMULATION, CHEMICAL/ THYMIDINE, metabolism/ TRITIUM

1040. **Eschenhof E, Rieder J:** Untersuchungen über das Schicksal des Antidepressivums Amitriptylin im Organismus der Ratte und des Menschen.
Arzneimittelforschung 19:957-66, Jun 69 (Ger)
ADRENAL GLANDS, analysis/ AGED/ AMITRIPTYLINE, administration & dosage/ AMITRIPTYLINE, analysis/ AMITRIPTYLINE, blood/ *AMITRIPTYLINE, metabolism/ AMITRIPTYLINE, urine/ ANIMAL EXPERIMENTS/ BILE, analysis/ BRAIN CHEMISTRY/ CARBON ISOTOPES/ CHROMATOGRAPHY, THIN LAYER/ ENGLISH ABSTRACT/ FECES, analysis/ FEMALE/ GASTRIC MUCOSA, analysis/ HUMAN/ INJECTIONS, INTRAVENOUS/ INTESTINE, SMALL, analysis/ KIDNEY, analysis/ LIVER, analysis/ LUNG, analysis/ MALE/ MUSCULOSKELETAL SYSTEM, analysis/ PITUITARY GLAND, analysis/ RATS/ SKIN, analysis/ SPLEEN, analysis/ STOMACH, analysis

1041. **Escobar M:** Uso de los corticosteroides en la pulpa y región apical.
Divulg Cult Odont 125:35-7, Mar-Apr 69 (Spa)
CALCIUM HYDROXIDE, therapeutic use/ DENTAL PULP DISEASES, drug therapy/ DEXAMETHASONE, therapeutic use/ HYDROCORTISONE, TOPICAL, therapeutic use/ NEOMYCIN, therapeutic use/ PREDNISOLONE, TOPICAL, therapeutic use/ SPECIAL LIST DENTAL

1042. **Esmann V, Nielsen J, Petersen GB:** A case of Klinefelter's syndrome with 48,XXXY and diabetes mellitus. Acta Med Scand 186:27-33, Jul-Aug 69
ADULT/ *DIABETES MELLITUS, complications/ HUMAN/ INTELLIGENCE TESTS/ KARYOTYPING/ *KLINEFELTER'S SYNDROME, complications/ KLINEFELTER'S SYNDROME, drug therapy/ MALE/ TESTOSTERONE, therapeutic use

1043. **Espindola LC, Paredes PD, Schermann J:** Análise clínica de 100 casos.
Hospital (Rio) 75:1241-55, Apr 69 (Por)
ADOLESCENCE/ CHILD/ ENGLISH ABSTRACT/ *GYNECOMASTIA/ HUMAN/ MALE/ *PUBERTY

1044. **Esposito G, Faelli A, Capraro V:** Effect of sodium on passive permeability of non-electrolytes through the intestinal wall. Experientia 25:603-4, 15 Jun 69
*ACETIC ACIDS, metabolism/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ CARBON ISOTOPES/ *CELL MEMBRANE PERMEABILITY/ CHOLINE/ *GLUCOSE, metabolism/ HYDROCHLORIC ACID/ *INTESTINAL ABSORPTION/ MALE/ RATS/ *SODIUM, physiology/ SODIUM CHLORIDE/ *THIOUREA, metabolism/ TRITIUM/ TROMETHAMINE

1045. **Esposito SJ, Vinton PW, Rapuano JA:** Nutrition in the aged: review of the literature.
J Amer Geriat Soc 17:790-806, Aug 69 (110 ref.)
ADULT/ AGED/ AGING/ AMINO ACIDS/ ANIMAL EXPERIMENTS/ CALCIUM, DIETARY/ DIET/ DIETARY CARBOHYDRATES/ DIETARY FATS/ DIETARY PROTEINS/ FATS, UNSATURATED/ FEMALE/ HUMAN/ IODINE/ IRON/ MALE/ MIDDLE AGE/ MONKEYS/ NITROGEN/ *NUTRITION/ PHOSPHORUS/ REVIEW/ VITAMINS

1046. **Estler CJ, Ammon HP:** Potentiation of the anticalorigenic action of the adrenergic beta-receptor antagonist MJ 1999 by cyclic 3',5'-AMP.
Life Sci 8:759-64, 1 Jul 69
*ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ *ANILIDES, pharmacodynamics/ ANIMAL EXPERIMENTS/ BODY TEMPERATURE, drug effects/ *BODY TEMPERATURE REGULATION, drug effects/ COLD/ DRUG SYNERGISM/ FEMALE/ MALE/ MICE/ OXYGEN CONSUMPTION, drug effects/ *SULFONIC ACIDS, pharmacodynamics/ *SYMPATHOLYTICS, pharmacodynamics

1047. **Etling N, Martin A, Vallée G, et al:** Iodation de proteines de la thyroide humaine. (Normale et pathologique)
Acta Endocr (Kobenhavn) 59:545-54, Dec 68 (Fre)
CENTRIFUGATION, DENSITY GRADIENT/ GOITER, metabolism/ HUMAN/ IODINE, analysis/ *IODINE, metabolism/ IODINE ISOTOPES/ PRECIPITATION/ PROTEINS, analysis/ SUCROSE/ *THYROGLOBULIN, analysis/ *THYROID GLAND, analysis/ THYROID HORMONES, analysis/ THYROID NEOPLASMS, metabolism/ THYROIDITIS, metabolism

1048. **Evdokimova LI:** Vliianie ioda na shchitovidnuiu zhelezu pri vvedenii ego v organizm razlichnymi sposobami.
Vrach Delo 6:79-81, Jun 69 (Rus)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *IODINE, administration & dosage/ IONTOPHORESIS/ MALE/ RATS/ *THYROID GLAND, drug effects

1049. **Eviatar A, Goodhill V:** Dizziness as related to menstrual cycles and hormonal contraceptives. An electronystagmographic study.
Arch Otolaryng (Chicago) 90:301-6, Sep 69
*CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ MALE/ MENSTRUATION/ NYSTAGMUS, chemically induced/ NYSTAGMUS, etiology/ VERTIGO, chemically induced/ *VERTIGO, etiology

1050. **Exadaktylu P:** Beitrag zur generalisierten Form der Purpura Schönlein-Henoch.
Folia Haemat (Leipzig) 91:472-86, 1969 (Ger)
ADRENAL CORTEX HORMONES, therapeutic use/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HEPARIN, therapeutic use/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ KIDNEY FUNCTION TESTS/ MALE/ NEPHRITIS, etiology/ *PURPURA/ PURPURA, diagnosis/ PURPURA, drug therapy/ PURPURA, etiology/ PURPURA, immunology/ PURPURA, pathology/ STREPTOCOCCAL INFECTIONS, complications/ TONSILLECTOMY

1051. **Exner G:** Enchondraie Dysostose-Syndrome.
Beitr Orthop Trauma 15:658-64, 1968 (Ger)
*CHONDRODYSTROPHIA CALCIFICANS CONGENITA, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ *DWARFISM, diagnosis/ *DYSCHONDROPLASIA, diagnosis/ *ECCENTRO- OSTEOCHONDRODYSPLASIA, diagnosis/ *ELLIS-VAN CREVELD SYNDROME, diagnosis/ HUMAN/ *LIPOCHONDRODYSTROPHY, diagnosis

1052. **Exton JH, Corbin JG, Park CR:** Control of gluconeogenesis in liver. IV. Differential effects of fatty acids and glucagon on ketogenesis and gluconeogenesis in the perfused rat liver.
J Biol Chem 244:4095-102, 10 Aug 69
ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ *CAPRYLATES, pharmacodynamics/ CARBON ISOTOPES/ CARNITINE, pharmacodynamics/ CATTLE/ FASTING/ *GLUCAGON, pharmacodynamics/ *GLUCONEOGENESIS/ GLUCOSE, metabolism/ *KETONE BODIES, biosynthesis/ LACTATES, metabolism/ LIPIDS, metabolism/ LIVER, drug effects/ *LIVER, metabolism/ LIVER GLYCOGEN, metabolism/ *OLEIC ACID, pharmacodynamics/ PERFUSION/ RATS/ SERUM ALBUMIN, pharmacodynamics/ STIMULATION, CHEMICAL

F

1053. **Faarvang HJ, Lauritsen OS:** The relative effects of cortisone and triamcinolone (9alpha-fluoro-16alpha-hydroxyprednisolone) on the urinary excretion of trsin inhibitor in man.
Acta Endocr (Kobenhavn) 61:477-82, Jul 69
*CORTISONE, pharmacodynamics/ FEMALE/ HUMAN/ *TRIAMCINOLONE, pharmacodynamics/ *TRYPSIN INHIBITORS, urine

1054. **Fabbrini A, Re M, Spera G:** Behaviour of glycogen and related enzymes in the Sertoli cell syndrome.
Experientia 25:647-9, 15 Jun 69
*GLUCOSYLTRANSFERASES, metabolism/ *GLYCOGEN, metabolism/ HISTOCYTOCHEMISTRY/ HUMAN/ MALE/ *STERILITY, MALE/ *TESTIS, abnormalities/ TESTIS, metabolism/ TESTIS, pathology

1055. **Fabbrocini V, Leone P, Saviano G, et al:** Sul pneumotorace spontaneo da metastasi neoplastiche nel polmone.
Rass Int Clin Ter 47:1161-72, 15 Nov 67 (Ita)
ADULT/ BONE NEOPLASMS, pathology/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ KIDNEY NEOPLASMS, pathology/ *LUNG NEOPLASMS, complications/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ OVARIAN NEOPLASMS, pathology/ *PNEUMOTHORAX, etiology/ SARCOMA, pathology

1056. **Faber JJ, Stearns RS:** Localization of the resistance to diffusion in the three-layered placenta of the rabbit.
Pflueger Arch 310:337-53, 1969
ANIMAL EXPERIMENTS/ CAPILLARY PERMEABILITY/ CARBON ISOTOPES/ *CHLORIDES, metabolism/ DIFFUSION/ FEMALE/ GESTATIONAL AGE/ *INULIN, metabolism/ *MATERNAL-FETAL EXCHANGE/ MICROSCOPY, ELECTRON/ PERFUSION/ PERMEABILITY/ *PLACENTA, physiology/ PREGNANCY/ RABBITS/ RADIOISOTOPE DILUTION TECHNIC/ REGIONAL BLOOD FLOW/ SERUM ALBUMIN, RADIO-IODINATED/ *SODIUM, metabolism/ SODIUM ISOTOPES/ TROPHOBLAST, cytology/ *TROPHOBLAST, physiology/ UREA, metabolism/ UTERUS, blood supply

1057. **Fabre J, Pingannaud PM:** Problèmes nutritionnels en médecine aérospatiale.
Ann Nutr (Paris) 23:47-71, 1969 (Fre)
ANIMAL EXPERIMENTS/ APPETITE/ *AVIATION MEDICINE/ CALCIUM, metabolism/ DEGLUTITION/ DIET/ FEMALE/ GASTROINTESTINAL SYSTEM, physiology/ HUMAN/ *HYPERGLYCEMIA, etiology/ MALE/ *NUTRITION/ PHOSPHORUS, metabolism/ RATS/ *SEALED CABIN ECOLOGY/ TIME FACTORS/ TOLBUTAMIDE, diagnostic use

1058. **Fabre M, Marescaux J, Vivien-Roels B:** Données qualitatives sur l'hormonosynthese de greffons thyroïdiens auto- et homoplastique implantés dans le testicule de cobayse thyreoprives.
C R Soc Biol (Paris) 163:197-200, 1969 (Fre)
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY/ DIIODOTYROSINE, biosynthesis/ GUINEA PIGS/ *HYPOTHYROIDISM, metabolism/ IODINE, metabolism/ IODINE ISOTOPES/ MALE/ ORGAN WEIGHT/ *TESTIS, surgery/ THYROID GLAND, metabolism/ *THYROID GLAND, transplantation/ *THYROID HORMONES, biosynthesis/ THYRONINE, biosynthesis/ TRANSPLANTATION, AUTOLOGOUS/ TRANSPLANTATION, HOMOLOGOUS/ TYROSINE, biosynthesis

1059. **Fahim MS, Hall DG, Fahim Z:** Urinary D-glucaric acid. An index of heparin microsomal enzyme activity in human females.
Amer J Obstet Gynec 105:124-6, 1 Sep 69
*ADIPIC ACID, urine/ DIABETES MELLITUS, enzymology/ ENZYME INDUCTION/ FEMALE/ HUMAN/ *LIVER, metabolism/ *MICROSOMES, enzymology/ MIDDLE AGE/ *PHENOBARBITAL, pharmacodynamics/ *PROGESTERONE, pharmacodynamics

1060. **Fähndrich E:** Pharmakologische Effekte unter chronischer Perazinapplikation bei Ratten verschiedenen Alters.
Naunyn Schmiedeberg Arch Pharm 263:205-6, 1969 (Ger)
AGE FACTORS/ ANIMAL EXPERIMENTS/ BODY TEMPERATURE/ HYPOTHALAMUS, physiology/ PHENOTHIAZINES, blood/ *PHENOTHIAZINES, pharmacodynamics/ RATS

1061. **Fainshtein FE, Polianskaia AM, Nemenova NM, et al:** Sovremennye aspekty kortikosteroidnoĭ terapii khronicheskogo limfoleĭkoza.
Probl Gemat 12:69-75, Oct 67 (Rus)
*GLUCOCORTICOIDS, therapeutic use/ HUMAN/ *LEUKEMIA, LYMPHOCYTIC, drug therapy/ MALE/ PREDNISOLONE, therapeutic use/ PREDNISONE, therapeutic use

1062. **Falck B, Owman C, Rosengren E, et al:** Persisting high level of transmitter in uterine short adrenergic neurons following prolonged treatment with 17

beta-oestradiol.
Acta Endocr (Kobenhavn) 62:77-81, Sep 69
ANIMAL EXPERIMENTS/ *ESTRADIOL, pharmacodynamics/ FLUOROMETRY/ GESTATIONAL AGE/ MYOCARDIUM, analysis/ NEURONS/ NOREPINEPHRINE, analysis/ *NOREPINEPHRINE, metabolism/ OVARY, analysis/ RABBITS/ *SYMPATHETIC NERVOUS SYSTEM, drug effects/ UTERUS, analysis/ UTERUS, drug effects/ *UTERUS, innervation

1063. **Falin LI:** The development of genital glands and the origin of germ cells in human embryogenesis.
Acta Anat (Basel) 72:195-232, 1969
*CELL DIFFERENTIATION/ CELL DIVISION/ EMBRYO/ FEMALE/ *GENITALIA, embryology/ *GERM CELLS, cytology/ HISTOCYTOCHEMISTRY/ HUMAN/ MALE/ METHODS/ OVARY, embryology/ OVARY, growth & development/ TESTIS, embryology

1064. **Falorni A:** Nipiofarmacologia degli ormoni dell'ipofisi anteriore.
Minerva Nipiol 17:295-324, Nov-Dec 67 (403 ref.) (Ita)
ANIMAL EXPERIMENTS/ BIGUANIDES, pharmacodynamics/ CORTICOTROPIN, metabolism/ CORTICOTROPIN, pharmacodynamics/ FSH, metabolism/ FSH, pharmacodynamics/ GLUCAGON, metabolism/ GLUCAGON, pharmacodynamics/ GONADOTROPINS/ HUMAN/ INFANT/ *INFANT, NEWBORN/ INSULIN, metabolism/ INSULIN, pharmacodynamics/ LH, metabolism/ LH, pharmacodynamics/ PARATHYROID HORMONE, metabolism/ PARATHYROID HORMONE, pharmacodynamics/ *PITUITARY HORMONES, ANTERIOR/ PREGNANCY/ PREGNANCY, ANIMAL/ REVIEW/ SOMATOTROPIN, metabolism/ SOMATOTROPIN, pharmacodynamics/ TOLBUTAMIDE, pharmacodynamics

1065. **Fanconi A:** Hypoparathyreoidismus im Kindesalter.
Ergebn Inn Med Kinderheilk 28:54-119, 1969 (306 ref.) (Ger)
ADOLESCENCE/ CALCIUM, metabolism/ CHILD/ CHILD, PRESCHOOL/ EYE MANIFESTATIONS/ FEMALE/ HUMAN/ HYPOCALCEMIA, etiology/ *HYPOPARATHYROIDISM/ HYPOPARATHYROIDISM, blood/ HYPOPARATHYROIDISM, complications/ HYPOPARATHYROIDISM, congenital/ HYPOPARATHYROIDISM, drug therapy/ HYPOPARATHYROIDISM, etiology/ HYPOPARATHYROIDISM, radiography/ HYPOPARATHYROIDISM, urine/ INFANT/ INFANT, NEWBORN/ MALE/ MENTAL RETARDATION, etiology/ PARATHYROID HORMONE, pharmacodynamics/ PHOSPHORUS, metabolism/ REVIEW/ SKIN MANIFESTATIONS/ THYROCALCITONIN, pharmacodynamics/ TOOTH RESORPTION, etiology/ VITAMIN D, therapeutic use

1066. **Fang S, Liao S:** Antagonistic action of anti-androgens on the formation of a specific dihydrotestosterone-receptor protein complex in rat ventral prostate. Molec Pharmacol 5:428-31, Jul 69
ANIMAL EXPERIMENTS/ CELL NUCLEUS, drug effects/ CELL NUCLEUS, metabolism/ CENTRIFUGATION, DENSITY GRADIENT/ COMPARATIVE STUDY/ DIETHYLSTILBESTROL, pharmacodynamics/ ESTRADIOL, pharmacodynamics/ HYDROCORTISONE, pharmacodynamics/ *17-HYDROXYCORTICOSTEROIDS, pharmacodynamics/ *PREGNANES, pharmacodynamics/ PROGESTERONE, pharmacodynamics/ *PROSTATE, metabolism/ RATS/ SUCCINATES, pharmacodynamics/ *TESTOSTERONE, antagonists & inhibitors/ TESTOSTERONE, metabolism/ TRITIUM

1067. **Fankhauser S:** Zur Therapie der Insulinresistenz.
Praxis 58:1082-7, 2 Sep 69 (Ger)
ADRENAL CORTEX HORMONES, therapeutic use/ ANTIBODY FORMATION/ ANTIDIABETICS, administration & dosage/ *DIABETES MELLITUS, drug therapy/ DIABETES MELLITUS, immunology/ HUMAN/ INSULIN, adverse effects/ *INSULIN RESISTANCE/ SWINE

1068. **Farese RV, Linarelli LG, Glinsmann WH, et al:** Persistence of the steroidogenic effect of adenosin-3',5'-monophosphate in vitro: evidence for a third factor during the steroidogenic effect of ACTH.
Endocrinology 85:867-74, Nov 69
ADENINE NUCLEOTIDES, antagonists & inhibitors/ *ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ *ADRENAL CORTEX HORMONES, biosynthesis/ ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, metabolism/ AMINOGLUTETHIMIDE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHLORAMPHENICOL, pharmacodynamics/ CORTICOSTERONE, biosynthesis/ *CORTICOTROPIN, pharmacodynamics/ CYCLOHEXIMIDE, pharmacodynamics/ IN VITRO/ LEUCINE, metabolism/ MALE/ PROTEINS, biosynthesis/ RATS/ STIMULATION, CHEMICAL

1069. **Farmer RW, Ismail KB, Leffel EC, et al:** The dependence of growth hormone upon an intact pancreas for adipokinesis. Life Sci 8:895-904, 1 Aug 69
ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ BLOOD SUGAR, analysis/ DOGS/ *FATTY ACIDS, NONESTERIFIED, blood/ GLUCAGON, pharmacodynamics/ GLUCAGON, secretion/ MALE/ *PANCREAS, metabolism/ PANCREATECTOMY/ *SOMATOTROPIN, pharmacodynamics

1070. **Farr JA, Gavourin BA:** A case of secondary amenorrhoea. Med Serv J Canada 23:1387-92, Dec 67
*ACROMEGALY, complications/ ADENOMA, complications/ *AMENORRHEA, etiology/ FEMALE/ HAMSTERS/ HUMAN/ MENOPAUSE/ *PITUITARY NEOPLASMS, complications

1071. **Fasciolo JC, Totel GL, Johnson RE:** Antidiuretic hormone and human eccrine sweating.
J Appl Physiol 27:303-7, Sep 69
BRADYKININ, pharmacodynamics/ CHLORIDES, analysis/ HUMAN/ INJECTIONS, INTRADERMAL/ METHODS/ SKIN/ SODIUM, analysis/ SWEAT, analysis/ *SWEAT GLANDS, drug effects/ *SWEATING, drug effects/ *VASOPRESSIN, pharmacodynamics

1072. **Fatranská M:** Einige Bemerkungen zum Einfluss des Lichtes am Organismus des Menschen.
Z Ges Hyg 14:146-8, Feb 68 (Ger)
*ADRENAL GLANDS, physiology/ ADULT/ DARKNESS/ ENGLISH ABSTRACT/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, urine/ *LIGHT

1073. **Faure JM, Vincent JD, Dufy B, et al:** Activités unitaires dans l'hypothalamus étudiées en rapport avec l'ovulation chez la lapine chronique libre.
J Physiol (Paris) 60:Suppl 2:439+, 1968 (Fre)
ANIMAL EXPERIMENTS/ CASTRATION/ ELECTRIC STIMULATION/ ELECTROPHYSIOLOGY/ ESTROGENS, pharmacodynamics/ FEMALE/ *HYPOTHALAMUS, physiology/ LH, secretion/ *OVARY, physiology/ OVARY, surgery/ *OVULATION/ OVULATION, drug effects/ RABBITS/ TIME FACTORS

1074. **Fawcett PR:** An electrophysiological study of the rat adrenal gland in vivo. J Neurol Sci 8:381-3, Mar-Apr 69
ADRENAL GLANDS, cytology/ *ADRENAL GLANDS, physiology/ ADRENAL MEDULLA, physiology/ ANIMAL EXPERIMENTS/ ELECTROPHYSIOLOGY/ *MEMBRANE POTENTIALS/ RATS

1075. **Fazekas AG, Sandor T:** Unusual pathways of aldosterone biosynthesis in the rabbit adrenal.
Steroids 14:161-77, Aug 69
*ADRENAL CORTEX HORMONES, biosynthesis/ ADRENAL GLANDS, analysis/

*ADRENAL GLANDS, metabolism/ *ALDOSTERONE, biosynthesis/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHEMISTRY/ IN VITRO/ MITOCHONDRIA, metabolism/ PREGNANES, metabolism/ RABBITS/ TRITIUM

1076. **Fazekas IG, Fazekas AT**: Papierchromatographischer Nachweis der Kortikosteroidfraktionen des menschlichen Milzgewebes bei verschiedenen Todesursachen.
Acta Hepatosplen (Stuttgart) 16:254-64, Jul-Aug 69 (Ger)
ACCIDENTS/ *ADRENAL CORTEX HORMONES, analysis/ ADULT/ AGED/ ALCOHOLIC INTOXICATION, metabolism/ CEREBROVASCULAR DISORDERS, metabolism/ *CHROMATOGRAPHY, PAPER/ CORTICOSTERONE, analysis/ CORTISONE, analysis/ DEATH/ ENGLISH ABSTRACT/ FEMALE/ HEART ARREST, metabolism/ HUMAN/ HYDROCORTISONE, analysis/ LIGHTNING/ MALE/ MIDDLE AGE/ PERITONEAL NEOPLASMS, metabolism/ PNEUMONIA, metabolism/ POISONING, metabolism/ *SPLEEN, analysis/ TIME FACTORS

1077. **Fedecka-Bruner B**: Etudes sur la regeneration des organes genitaux chez la planaire Dugesia lugubris. I. Regeneration des testicules apres destruction.
Bull Biol France Belg 101:255-319, 1967 (Fre)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ MALE/ NERVE TISSUE, physiology/ *RADIATION EFFECTS/ REGENERATION/ *TESTIS, growth & development/ TESTIS, radiation effects/ *TURBELLARIA

1078. **(Fedeles C), Paveicu V**: Contribuţia psihologilor Constantin Fedeleş şi Petre Andrei la constituirea primei societăti române de neurologie, psihiatrie, psihologie şi endocrinologie.
Rev Medicochir Iasi 73:236-7, Jan-Mar 69 (Rum)
ENDOCRINOLOGY, history/ HISTORICAL ARTICLE/ HISTORICAL BIOGRAPHY/ HISTORY OF MEDICINE, 20TH CENT./ NEUROLOGY, history/ PSYCHIATRY, history/ PSYCHOLOGY, history/ RUMANIA/ *SOCIETIES, MEDICAL, history

1079. **Fedorov EI, Planel'es KhKh**: Techenie aktivnogo fenomena artiusa u krolikov pod vliianiem aurantina, oksitetratsiklina, 6-merkaptopurina i kortizona.
Antibiotiki 14:532-5, Jun 69 (Rus)
ANIMAL EXPERIMENTS/ *ANTIBIOTICS, ANTINEOPLASTIC, therapeutic use/ ANTIBODY FORMATION, drug effects/ ARTHUS PHENOMENON, immunology/ *ARTHUS PHENOMENON, prevention & control/ AURANTINS, administration & dosage/ AURANTINS, therapeutic use/ *CORTISONE, therapeutic use/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ HYPEREMIA, prevention & control/ IMMUNE SERUMS/ MALE/ *MERCAPTOPURINE, therapeutic use/ NECROSIS, prevention & control/ *OXYTETRACYCLINE, therapeutic use/ PRECIPITINS, analysis/ RABBITS/ TIME FACTORS

1080. **Fedotov VP, Bagramian ER**: Pribor dlia transaurikuliarnogo udaleniia gipofiza u krys.
Probl Endokr (Moskva) 14:114-7, Jul-Aug 68 (Rus)
ANIMAL EXPERIMENTS/ *HYPOPHYSECTOMY, instrumentation/ RATS

1081. **Fedotov VP, Pantiushina NN**: Znachenie pecheni v reguliatsii fraktsionnogo sostava 11-ok-sikortikosteroidov plazmy krovi.
Probl Endokr (Moskva) 15:97-101, May-Jun 69 (Rus)
ANIMAL EXPERIMENTS/ CORTICOTROPIN, administration & dosage/ DOGS/ ENGLISH ABSTRACT/ FLUOROMETRY/ HYDROCORTISONE, administration & dosage/ *17-HYDROXYCORTICOSTEROIDS, blood/ *LIVER, physiology

1082. **Fedotova MJ, Belousova OJ**: Zum Mechanismus der indirekten Strahlenwirkung auf das Knochenmark (quantitative Untersuchungen)
Radiobiol Radiother (Berlin) 9:527-32, 1968 (Ger)
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *BONE MARROW, radiation effects/ BONE MARROW EXAMINATION/ ENGLISH ABSTRACT/ MALE/ *RADIATION INJURY, EXPERIMENTAL/ SPLENECTOMY

1083. **Feinstein MB, Palmre M**: Pharmacological action of local anesthetics on excitation-contraction coupling in striated and smooth muscle.
Fed Proc 28:1643-8, Sep-Oct 69
ACTION POTENTIALS, drug effects/ *ANESTHETICS, LOCAL, pharmacodynamics/ ANIMAL EXPERIMENTS/ CAFFEINE, pharmacodynamics/ CALCIUM, metabolism/ DRUG ANTAGONISM/ FROGS/ IN VITRO/ *MUSCLE CONTRACTION, drug effects/ *MUSCLE, SMOOTH, drug effects/ PROCAINE, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ TETRACAINE, pharmacodynamics

1084. **Feiwel M**: Failure to diagnose Addison's disease and value of tetracosactrin (Synacthen) stimulation test.
Trans St John Hosp Derm Soc 55:74-7, 1969
*ADDISON'S DISEASE, diagnosis/ ADULT/ *CORTICOTROPIN, diagnostic use/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ MALE/ PIGMENTATION DISORDERS, diagnosis/ PITUITARY-ADRENAL FUNCTION TESTS

1085. **Feix C, Skachová J**: Vliv strumektomie na vznik obezity. Sborn Lek 71:185-8, Jul 69 (Cze)
ADULT/ CHOLESTEROL, blood/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ GOITER, surgery/ HUMAN/ HYPOTHYROIDISM, complications/ MIDDLE AGE/ MYXEDEMA/ *OBESITY, etiology/ POSTOPERATIVE COMPLICATIONS/ *THYROIDECTOMY, adverse effects

1086. **Feldman JM, Lebovitz HE**: Biological activities of tolbutamide and its metabolites. A dissociation of insulin-releasing and hypoglycemic activity.
Diabetes 18:529-37, Aug 69
ADRENAL MEDULLA, drug effects/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ BLOOD SUGAR, analysis/ HAMSTERS/ *HYPOGLYCEMIA, chemically induced/ INSULIN, blood/ *INSULIN, secretion/ MALE/ MICE/ PANCREAS, metabolism/ TOLBUTAMIDE, metabolism/ *TOLBUTAMIDE, pharmacodynamics

1087. **Feldman S, Dafny N**: Pathways involved in caudate nucleus effects on the posterior hypothalamus.
Electroenceph Clin Neurophysiol 27:218-9, Aug 69
ANIMAL EXPERIMENTS/ CATS/ *CAUDATE NUCLEUS, physiology/ ELECTRIC STIMULATION/ GLOBUS PALLIDUS, physiology/ *HYPOTHALAMUS, physiology/ RETICULAR FORMATION, physiology

1088. **Feldman S, Tai C, Behar AJ**: Electrical changes in the brain in the course of experimental allergic encephalomyelitis in rabbits.
J Neurol Sci 8:413-24, May-Jun 69
ANIMAL EXPERIMENTS/ ANTIGENS/ *BRAIN, physiopathology/ CEREBRAL CORTEX, physiopathology/ CORPUS CALLOSUM, physiopathology/ ELECTROENCEPHALOGRAPHY/ ENCEPHALOMYELITIS, ALLERGIC, immunology/ *ENCEPHALOMYELITIS, ALLERGIC, physiopathology/ GANGLIA, BASAL, physiopathology/ HYPOTHALAMUS, physiopathology/ MESENCEPHALON, physiopathology/ PARALYSIS, etiology/ PARESIS, etiology/ PONS, physiopathology/ RABBITS/ RETICULAR FORMATION, physiopathology/ SKIN MANIFESTATIONS

1089. **Feldstein A, Sidel CM**: The effect of ethanol on the in vivo conversion of 5-HTP-14C to serotonin-14C, 5-hydroxyindoleacetaldehyde-14C and its metabolites in rat brain. Int J Neuropharmacol 8:347-51, Jul 69
*ALCOHOL, ETHYL, administration & dosage/

ALCOHOL OXIDOREDUCTASES, metabolism/ ANIMAL EXPERIMENTS/ BRAIN, enzymology/ *BRAIN, metabolism/ CARBON ISOTOPES/ CARBOXY-LYASES, antagonists & inhibitors/ CARBOXY-LYASES, metabolism/ ENZYME REPRESSION/ *HYDROXYINDOLEACETIC ACID, metabolism/ HYDROXYTRYPTOPHAN, administration & dosage/ *HYDROXYTRYPTOPHAN, metabolism/ MONOAMINE OXIDASE, metabolism/ MONOAMINE OXIDASE INHIBITORS/ OXIDOREDUCTASES, metabolism/ RATS/ *SEROTONIN, metabolism/ TIME FACTORS

1090. **Fell HB:** The effect of environment on skeletal tissue in culture.
Embryologia (Nagoya) 10:181-205, Feb 69 (27 ref.)
ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS/ BONE AND BONES, drug effects/ *BONE AND BONES, growth & development/ BONE AND BONES, immunology/ CARTILAGE, drug effects/ *CARTILAGE, growth & development/ CARTILAGE, immunology/ CHICK EMBRYO/ CULTURE MEDIA/ HYDROCORTISONE/ MICE/ OSTEOBLASTS, physiology/ PARATHYROID HORMONE/ REVIEW/ *TISSUE CULTURE/ VITAMIN A, pharmacodynamics

1091. **Fella B, Bellando-Randone P, Giuliani B:** Le formazioni cistiche del surrene. Considerazioni clinico-radiologiche e rilievi anatomo-isotologici in un caso di cisti linfatica del surrene.
Nunt Radiol 34:435-54, May 68 (Ita)
*ADRENAL GLAND DISEASES, radiography/ ADULT/ ANGIOGRAPHY/ *CYSTS, radiography/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ UROGRAPHY

1092. **Fels E, Zurro AR:** Action de l'oestriol sur l'hypophyse du rat. C R Soc Biol (Paris) 162:2012-3, May 69 (Fre)
ANIMAL EXPERIMENTS/ BODY WEIGHT/ *ESTRIOL, pharmacodynamics/ INJECTIONS, SUBCUTANEOUS/ ORGAN WEIGHT/ PITUITARY GLAND, anatomy & histology/ *PITUITARY GLAND, drug effects/ PITUITARY NEOPLASMS, chemically induced/ RATS/ TIME FACTORS

1093. **Felt V:** Blokáda adrenergických beta-receptorů propranololem v léčbě tyreotoxikózy.
Cas Lek Cesk 108:1124-7, Sep 69 (Cze)
ADULT/ BLOOD PRESSURE, drug effects/ CARBIMAZOLE, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, drug therapy/ MIDDLE AGE/ PROPRANOLOL, administration & dosage/ *PROPRANOLOL, therapeutic use

1094. **Felt V, Hušek P:** Vliv lidského růstového hormonu na mastné kyseliny v lipidových frakcích séra u lidí s tyreopatiemi. Cas Lek Cesk 108:923-8, 18 Jul 69 (Cze)
ADULT/ CHROMATOGRAPHY, GAS/ ENGLISH ABSTRACT/ *FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ HUMAN/ INJECTIONS, INTRAMUSCULAR/ LIPIDS, blood/ MALE/ METHODS/ MIDDLE AGE/ *SOMATOTROPIN, pharmacodynamics/ *THYROID DISEASES, blood/ THYROID GLAND, drug effects

1095. **Felzmann B:** Behandlung chronischer Dermatosen mit selbstklebenden Occlusiv-Verbänden.
Deutsch Med J 20:462-3, Jul 69 (Ger)
ANTIBIOTICS, administration & dosage/ *BETAMETHASONE, administration & dosage/ HUMAN/ *LICHEN PLANUS, drug therapy/ METHODS/ *OCCLUSIVE DRESSINGS/ OINTMENTS/ *PSORIASIS, drug therapy

1096. **Ferguson-Smith MA, Hamilton W, Ferguson IC, et al:** An abnormal metacentric chromosome in an infant with leprechaunism.
Ann Genet (Paris) 11:195-200, Dec 68
*ABNORMALITIES, MULTIPLE, familial & genetic/ ADULT/ *AUTOSOME ABNORMALITIES/ BLOOD GROUPS/ *CHROMOSOME ABERRATIONS/ *CHROMOSOMES, HUMAN, 6-12/ DNA REPLICATION/ *DWARFISM, familial & genetic/ HUMAN/ INFANT/ KARYOTYPING/ MALE/ *PROGERIA, familial & genetic

1097. **Ferlinz R, Schroers E, Stadeler HJ:** Ergebnisse der Behandlung der chronischen generellen alveolären Hypoventilation mit Aldadiene-Kalium.
Med Welt 32:1751-4, 9 Aug 69 (Ger)
ADULT/ AGED/ BICARBONATES, blood/ CARBON DIOXIDE, blood/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYPOVENTILATION, blood/ HYPOVENTILATION, drug therapy/ INJECTIONS, INTRAVENOUS/ MIDDLE AGE/ OXYGEN, blood/ PARTIAL PRESSURE/ POTASSIUM, blood/ RESPIRATORY INSUFFICIENCY, blood/ *RESPIRATORY INSUFFICIENCY, drug therapy/ SODIUM, blood/ SPIRONOLACTONE, pharmacodynamics/ *SPIRONOLACTONE, therapeutic use

1098. **Ferm VH, Hanlon DP, Urban J:** The permeability of the hamster placenta to radioactive cadmium.
J Embryol Exp Morph 22:107-13, Aug 69
ABNORMALITIES, DRUG-INDUCED, drug therapy/ ANIMAL EXPERIMENTS/ CADMIUM, analysis/ CADMIUM, blood/ *CADMIUM, metabolism/ EMBRYO, analysis/ FEMALE/ HAMSTERS/ INJECTIONS, INTRAVENOUS/ *MATERNAL-FETAL EXCHANGE/ PLACENTA, metabolism/ PREGNANCY/ RADIOISOTOPES/ ZINC, metabolism/ ZINC, therapeutic use

1099. **Fernáandez del Busto E, López Arranz JS, Lara Sanz JM, et al:** Estudio de las alteraciones histoquimicas producidas en el aparato yuxtaglomerular del riñón, en el órgano subcomisural y en la zona glomerular de la suprarrenal del "Lepus domesticus" tras la administracion por via oral de "metopirone".
Rev Clin Esp 113:323-8, 31 May 69 (Spa)
*ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *KIDNEY GLOMERULUS, drug effects/ *METYRAPONE, pharmacodynamics/ RABBITS

1100. **Fernández AA, Noceda VT:** Quantitative separation of progestins and estrogens from anovulatory formulations. J Pharm Sci 58:740-4, Jun 69
CHROMATOGRAPHY, GAS/ CONTRACEPTIVES, ORAL, administration & dosage/ *CONTRACEPTIVES, ORAL, analysis/ ESTROGENS, administration & dosage/ *ESTROGENS, analysis/ GEL FILTRATION/ *PROGESTATIONAL HORMONES, analysis/ SPECTROPHOTOMETRY/ ULTRAVIOLET RAYS

1101. **Fernández del Vallado P, Gijón Baños J, Beltrán Gutiérrez J, et al:** Experiencia clínica con triamcinolona hexacetonida en el tratamiento local de los reumatismos.
Rev Clin Esp 110:137-40, 31 Jul 68 (Spa)
ENGLISH ABSTRACT/ HUMAN/ *RHEUMATISM, drug therapy/ *TRIAMCINOLONE ACETONIDE, therapeutic use

1102. **Ferrand R, Le Douarin N:** Différenciation de tissu adénohypophysaire à partir de la poche de Rathke prélevée après le stade de la détermination chez l'embryon de poulet et mise au contact de divers mésenchymes.
C R Soc Biol (Paris) 162:2215-8, 1968 (Fre)
ANIMAL EXPERIMENTS/ *CELL DIFFERENTIATION/ CHICK EMBRYO/ ECTODERM/ ENDODERM/ EPITHELIUM, embryology/ GIZZARD/ LUNG/ *PITUITARY GLAND, embryology/ PLEURA

1103. **Ferrari W, Bertolini A, Mucci P, et al:** Azione di steroidi anabolizzanti sullo sviluppo dell'apparato genitale del coniglio. VI. Attività anabolica ed androgena nel ratto del 13 beta-etil-17 beta-idrossi-17 alpha-etil-4-gonen-3-one (Norboletone)
Boll Soc Ital Biol Sper 44:1310-3, 31 Aug 68 (Ita)
*ANABOLIC STEROIDS, pharmacodynamics/ *ANDROGENS, metabolism/ ANIMAL EXPERIMENTS/ *GENITALIA, MALE, drug effects/ *LEUCINE, metabolism/ *MUSCLES, metabolism/ RABBITS/ RATS/ *SEMINAL

VESICLES, metabolism/ *TESTOSTERONE, pharmacodynamics

1104. **Ferrari W, Bertolini A, Vergoni W:** Confronto tra beta1-24-ACTH e DW-75 per l'induzione della eccitazione sessuae nei coniglio dopo loro iniezione intraventricolare.
Boll Soc Ital Biol Sper 44:1334-5, 31 Aug 68 (Ita)
ANIMAL EXPERIMENTS/ *BRAIN, drug effects/ CEREBRAL VENTRICLES/ *CORTICOTROPIN, pharmacodynamics/ INJECTIONS/ *PEPTIDES, pharmacodynamics/ RABBITS/ *SEX BEHAVIOR, ANIMAL, drug effects

1105. **Ferrari W, Bertolini A, Vergoni W, et al:** Influenza del prednisolone sull'eccitazione sessuale indotta nel coniglio mediante iniezione intraventricolare di beta1-24-ACTH.
Boll Soc Ital Biol Sper 44:1328-30, 31 Aug 68 (Ita)
ANIMAL EXPERIMENTS/ *BRAIN, drug effects/ CEREBRAL VENTRICLES/ *CORTICOTROPIN, pharmacodynamics/ INJECTIONS/ RABBITS/ *SEX BEHAVIOR, ANIMAL, drug effects

1106. **Ferrari W, Bertolini A, Vergoni W:** Effetto dell'aminofillina introdotta nei ventricoli laterali sulla stimolazione sessuale indotta nel coniglio con beta1-24-ACTH intraventricolare.
Boll Soc Ital Biol Sper 44:1335-7, 31 Aug 68 (Ita)
*AMINOPHYLLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BRAIN, drug effects/ CEREBRAL VENTRICLES/ *CORTICOTROPIN, pharmacodynamics/ INJECTIONS/ RABBITS/ *SEX BEHAVIOR, ANIMAL, drug effects

1107. **Ferro P, Furfaro M, Frugoni A, et al:** Tumori primitivi dell'epididimo. Considerazioni su di un caso di fibroma e uno di fibromioma.
Pathologica 60:83-94, Mar-Apr 68 (Ita)
AGED/ CASE REPORT/ ENGLISH ABSTRACT/ *EPIDIDYMIS, pathology/ *FIBROMA, pathology/ HUMAN/ *LEIOMYOMA, pathology/ MALE/ MIDDLE AGE/ *TESTICULAR NEOPLASMS, pathology

1108. **Fesenko IP:** Siuchai sindrome Tittse.
Vrach Delo 1:145-6, Jan 67 (Rus)
ADULT/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ MALE/ PREDNISOLONE, therapeutic use/ STREPTOMYCIN, therapeutic use/ *TIETZE'S SYNDROME, diagnosis/ TIETZE'S SYNDROME, drug therapy

1109. **Feuerman EJ, Shimshoni Z:** Psoriatic erythrodermia successfully treated by locacorten tar with occlusive dressings. Dermatologica (Basel) 139:225-8, 1969
ADULT/ CHILD/ *COAL TAR, therapeutic use/ ERYTHRODERMA, drug therapy/ *ERYTHRODERMA, therapy/ FLUMETHASONE, therapeutic use/ FLUORINE, therapeutic use/ *GLUCOCORTICOIDS, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *OCCLUSIVE DRESSINGS/ PREGNANES, therapeutic use/ *PSORIASIS, complications/ SALICYLIC ACID, therapeutic use

1110. **Fevold HR:** The pathways of corticosteroid biosynthesis by homogenates of adrenal tissue from rabbits stimulated with adrenocorticotropin.
Biochemistry (Wash) 8:3433-9, Aug 69
ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ *CORTICOTROPIN, pharmacodynamics/ *HYDROCORTISONE, biosynthesis/ 17-HYDROXYCORTICOSTEROIDS, biosynthesis/ HYDROXYPREGNENOLONE, biosynthesis/ HYDROXYPROGESTERONE, isolation & purification/ HYDROXYPROGESTERONE, metabolism/ IN VITRO/ INFRARED RAYS/ MALE/ PREGNANES, metabolism/ *PREGNENOLONE, metabolism/ RABBITS/ SPECTROPHOTOMETRY/ STIMULATION, CHEMICAL/ TIME FACTORS/ TRITIUM

1111. **Fevold HR, Wright PL:** Steroid metabolism by badger (Taxidea taxus) ovarian tissue homogenates.
Gen Comp Endocr 13:60-7, Aug 69
*ANDROSTANES, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ *CARNIVORA, metabolism/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ CORPUS LUTEUM, enzymology/ CRYSTALLIZATION/ *DEHYDROEPIANDROSTERONE, metabolism/ FEMALE/ HYDROXYLASES, metabolism/ HYDROXYSTEROID DEHYDROGENASE, metabolism/ IN VITRO/ ISOMERASES, metabolism/ *17-KETOSTEROIDS, metabolism/ KINETICS/ LYASES, metabolism/ OVARY, analysis/ *OVARY, metabolism/ PREGNANCY/ *PREGNENOLONE, metabolism/ TRITIUM

1112. **Fialkow PJ:** Genetic aspects of autoimmunity.
Progr Med Genet 6:117-67, 1969 (219 ref.)
ADDISON'S DISEASE, familial & genetic/ ADOLESCENCE/ ADULT/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, familial & genetic/ ANEMIA, PERNICIOUS, familial & genetic/ ANIMAL EXPERIMENTS/ ANTIBODIES, metabolism/ *AUTOIMMUNE DISEASES, familial & genetic/ CHICKENS/ CHILD/ CHILD, PRESCHOOL/ DIABETES MELLITUS, familial & genetic/ DISEASES IN TWINS/ FEMALE/ GASTRITIS, familial & genetic/ GOITER, EXOPHTHALMIC, familial & genetic/ GUINEA PIGS/ HUMAN/ INFANT/ MALE/ MICE/ MONGOLISM, immunology/ MYASTHENIA GRAVIS, familial & genetic/ MYXEDEMA, familial & genetic/ PEDIGREE/ REVIEW/ SEX CHROMOSOME ABNORMALITIES/ THYROIDITIS, LYMPHOMATOUS, familial & genetic

1113. **Fiedler AJ, Tyson JE, Merimee TJ:** Arginine induced growth hormone release after clomiphene treatment.
J Clin Endocr 29:1110-3, Aug 69
ADOLESCENCE/ *ARGININE, pharmacodynamics/ CLINICAL RESEARCH/ *CLOMIPHENE, pharmacodynamics/ DEPRESSION, CHEMICAL/ ESTROGENS, antagonists & inhibitors/ FEMALE/ HUMAN/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ HYPOTHALAMUS, drug effects/ MENSTRUATION/ PITUITARY HORMONE RELEASING FACTORS/ RECEPTORS, DRUG/ SOMATOTROPIN, blood/ *SOMATOTROPIN, secretion

1114. **Fiedler H, Hartmann N:** Zur Wirkung von Athylendiamintetrasigsäure und Hexamethylendiamintetraessigsäure auf den Blutzucker von Meerschweinchen.
Z Ges Inn Med 24:311-5, 15 May 69 (Ger)
ADRENAL GLANDS, drug effects/ ALLOXAN, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLOOD SUGAR/ *CHELATING AGENTS, pharmacodynamics/ DRUG SYNERGISM/ *EDTA, pharmacodynamics/ ENGLISH ABSTRACT/ EXTRACELLULAR SPACE, drug effects/ GUINEA PIGS/ MAGNESIUM, pharmacodynamics/ MALE/ PANCREAS, drug effects/ ZINC, pharmacodynamics

1115. **Fiegel G, Kukwa D:** Vergleichende Untersuchungen über die Wirkung verschiedener Glukokortikoide im Kortikoid-Glukose-Toleranz-Test.
Int Z Klin Pharmakol Ther Toxik 2:94-100, Jan 69 (Ger)
BETAMETHASONE/ BLOOD SUGAR/ CLINICAL RESEARCH/ *DEXAMETHASONE, diagnostic use/ *DIABETES MELLITUS, metabolism/ FLUPREDNISOLONE/ GLUCONEOGENESIS/ *GLUCOSE TOLERANCE TEST/ HUMAN/ *METABOLIC DISEASES, diagnosis/ *METHYLPREDNISOLONE, diagnostic use/ PARAMETHASONE/ *PREDNISOLONE, diagnostic use/ *PREDNISONE, diagnostic use/ TRIAMCINOLONE, diagnostic use

1116. **Fiehn W, Hasselbach W:** The effect of diethylether upon the function of the vesicles of sarcoplasmic reticulum. Europ J Biochem 9:574-8, Jul 69
ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ BIOLOGICAL

TRANSPORT, ACTIVE/ *CALCIUM, metabolism/ CALCIUM, pharmacodynamics/ *CELL MEMBRANE PERMEABILITY/ CHOLESTEROL/ CHROMATOGRAPHY, THIN LAYER/ *ENDOPLASMIC RETICULUM/ *ETHYL ETHER, pharmacodynamics/ LIPIDS/ MAGNESIUM/ MEMBRANES/ *MUSCLES, cytology/ MUSCLES, drug effects/ RABBITS/ SOLUBILITY/ STIMULATION, CHEMICAL

1117. **Field EJ:** A study of body, adrenal and pituitary weight changes in mouse scrapie with a note on neurosecretory activity. Res Vet Sci 10:151-5, Mar 69
*ADRENAL GLANDS, physiopathology/ ANIMAL EXPERIMENTS/ *BODY WEIGHT/ FEMALE/ HYPOTHALAMUS, pathology/ MALE/ MICE/ *NEUROSECRETION/ OBESITY, etiology/ ORGAN WEIGHT/ PITUITARY GLAND, pathology/ *PITUITARY GLAND, physiopathology/ *SCRAPIE, physiopathology

1118. **Field EJ, Peat A:** Structural changes in scrapieaffected brain. Biochem J 114:19P-20P, Sep 69
AMYGDALOID BODY/ ANIMAL EXPERIMENTS/ BRAIN, microbiology/ *BRAIN, pathology/ DEMYELINATION/ GLIOSIS, pathology/ HYPERTROPHY/ MICE/ NERVE DEGENERATION, pathology/ NEURONS, pathology/ RATS/ *SCRAPIE, pathology/ SCRAPIE VIRUS, isolation & purification

1119. **Fieve RR, Platman SR:** Lithium and thyroid function. Reply. Amer J Psychiat 125:1133, Feb 69
DRUG COMPOUNDING/ FEMALE/ *GOITER, chemically induced/ HUMAN/ IODINE, metabolism/ *LITHIUM, adverse effects/ MALE/ NEW YORK/ *PSYCHOSES, MANIC-DEPRESSIVE, drug therapy/ THYROID GLAND, physiopathology/ THYROID GLAND FUNCTION TESTS

1120. **Figarová V:** Influence of hemicastration on morphological gonade structure and development of spermiogenic epithelium in male infantile rats. Folia Morph (Praha) 17:348-54, 1969
ANIMAL EXPERIMENTS/ *CASTRATION/ EPITHELIUM, growth & development/ HYPERTROPHY/ MALE/ RATS/ *SEMINAL VESICLES, growth & development/ *TESTIS, growth & development

1121. **el-Fiky SM:** Topochemistry of free purine ribonucleotide (FPRN) in malignant cells of primary and secondary tumours.
Acta Histochem (Jena) 31:225-33, 1968
ANIMAL EXPERIMENTS/ *CARCINOMA, BROWN-PEARCE, metabolism/ CELL NUCLEUS, metabolism/ CYTOPLASM, metabolism/ KIDNEY NEOPLASMS, metabolism/ LIVER NEOPLASMS, metabolism/ MALE/ MESENTERY/ *NEOPLASM METASTASIS, metabolism/ *NUCLEOTIDES, metabolism/ *PURINES, metabolism/ RABBITS/ STAINS AND STAINING/ TESTICULAR NEOPLASMS, metabolism/ TIME FACTORS

1122. **Filipowicz B:** Enzymy nukleolityczne w analityce. Postepy Biochem 15:175-92, Apr 69 (79 ref.) (Pol)
ADENOSINE CYCLIC 3',5'-PHOSPHATE/ AZOTOBACTER, enzymology/ CHROMATOGRAPHY, ION EXCHANGE/ *DEOXYRIBONUCLEASE/ *DNA, analysis/ ENGLISH ABSTRACT/ NUCLEOTIDES/ *NUCLEOTIDYLTRANSFERASES/ *PHOSPHATASES/ REVIEW/ RIBONUCLEASE/ *RNA, analysis/ RNA, SOLUBLE, analysis

1123. **Filippi B, Benedicenti A, Biasi G, et al:** Malformazioni congenite da cortisone. Ricerche sperimentali. Stomatologica (Genova) 12:261-72, Oct-Dec 68 (Ita)
ABNORMALITIES, DRUG-INDUCED/ CLEFT LIP, chemically induced/ CLEFT PALATE, chemically induced/ CORTISONE, adverse effects/ MANDIBLE, abnormalities/ SPECIAL LIST DENTAL

1124. **Fillafañe AD:** Aplicación de la cromatografía en capa delgada al estudio de los corticoides.
Prensa Med Argent 55:2060-4, 20 Dec 68 (Spa)
*ADRENAL CORTEX HORMONES, analysis/ *CHROMATOGRAPHY, THIN LAYER/ ENGLISH ABSTRACT/ METHODS

1125. **Findlay WS:** Hyperparathyroidism complicating pregnancy. Proc Roy Soc Med 62:835, Aug 69
ADULT/ CASE REPORT/ FEMALE/ HUMAN/ *HYPERPARATHYROIDISM/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ PREGNANCY TOXEMIAS

1126. **Fine G, Saeed SM, LoGrippo GA:** Bovine testicular antihyaluronidase in rabbits. Production and purification.
Henry Ford Hosp Med J 17:19-24, Spring 69
ANIMAL EXPERIMENTS/ *ANTIBODY FORMATION/ *ANTIGEN-ANTIBODY REACTIONS/ *ANTIGENS, isolation & purification/ CATTLE/ GEL DIFFUSION TESTS/ *HYALURONIDASE, metabolism/ PRECIPITINS/ RABBITS/ TESTIS

1127. **Finger FW:** Estrus and general activity in the rat. J Comp Physiol Psychol 68:461-6, Jul 69
ANIMAL EXPERIMENTS/ *ESTRUS/ *EXPLORATORY BEHAVIOR/ FEMALE/ *LOCOMOTION/ *MOTOR ACTIVITY/ RATS

1128. **Fink U:** Immunosuppressive Therapie.
Med Klin 64:1069-72, 6 Jun 69 (19 ref.) (Ger)
ACTINOMYCIN, administration & dosage/ ANTIGEN-ANTIBODY REACTIONS/ ANTILYMPHOCYTE SERUM, administration & dosage/ AUTOIMMUNE DISEASES, drug therapy/ AZATHIOPRINE, administration & dosage/ CYCLOPHOSPHAMIDE, administration & dosage/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, pharmacodynamics/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ MERCAPTOPURINE, administration & dosage/ METHOTREXATE, administration & dosage/ REVIEW/ STEROIDS, administration & dosage/ TRANSPLANTATION IMMUNOLOGY

1129. **Fiorentini A:** Iodio siero-proteico nel coniglio trattato con cloralosio.
Boll Soc Ital Biol Sper 44:1283-5, 31 Aug 68 (Ita)
ANIMAL EXPERIMENTS/ *CHLORALOSE, pharmacodynamics/ *IODINE, blood/ *PROTEIN-BOUND IODINE TEST/ RABBITS

1130. **Fiorentini A, Camoni E:** Action des hormones thyroïdiennes sur l'état d'oxido-réduction du système NAD-NADH in vivo.
J Physiol (Paris) 60:Suppl 2:442-3, 1968 (Fre)
ANIMAL EXPERIMENTS/ EPINEPHRINE, metabolism/ HYDROCORTISONE, pharmacodynamics/ HYPOTHYROIDISM, metabolism/ LACTATES, metabolism/ MALE/ *NAD, metabolism/ OXYGEN CONSUMPTION/ PYRUVATES, metabolism/ RATS/ *THYROID HORMONES, physiology/ THYROXINE, physiology/ WATER-ELECTROLYTE BALANCE

1131. **Fiorentini A, Camoni E:** Stato di ossido-riduzione del NAD in vivo nel ratto surrenectomizzato e medullectomizzato.
Boll Soc Ital Biol Sper 44:1838-40, 15 Nov 68 (Ita)
*ADRENAL GLANDS, physiology/ *ADRENAL MEDULLA, surgery/ *ADRENALECTOMY/ ANIMAL EXPERIMENTS/ MALE/ *NAD, metabolism/ OXIDATION-REDUCTION/ RATS

1132. **Fischer Mello JT:** Association névrose--goitre simple.
Bull Acad Nat Med (Paris) 151:441-50, 20 Jun 67 (Ita)
ADOLESCENCE/ ADULT/ CHILD/ FEMALE/ *GOITER, complications/ HUMAN/ *NEUROSES, ANXIETY, complications

1133. **Fish VJ, Marshall WH Jr, De Nardo GL:** Isotope encephalography with cholografin I-131. Biologic and physical characteristics.
Amer J Roentgen 106:724-30, Aug 69
ASTROCYTOMA, diagnosis/ *BRAIN NEOPLASMS, diagnosis/ CARCINOMA, EPIDERMOID, diagnosis/ CHLORMERODRIN/ FEMALE/ HUMAN/ *IODINE ISOTOPES, DIAGNOSTIC/ *IODIPAMIDE/ LIVER

NEOPLASMS/ MERCURY ISOTOPES/ OVARIAN NEOPLASMS/ PARANASAL SINUS NEOPLASMS, diagnosis/ RADIOACTIVITY/ *RADIOISOTOPE SCANNING/ SERUM ALBUMIN, RADIO-IODINATED/ TECHNETIUM

1134. **Fisher AA**: Zavisimost' sutochnogo vydeleniia 17-oksikortikosteroidov i uropepsina ot lokalizatsii fazy iazvennoi bolezni.
Vrach Delo 1:127-8, Jan 67 (Rus)
ADULT/ *DUODENAL ULCER, urine/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, urine/ MALE/ *STOMACH ULCER, urine/ *UROPEPSIN, analysis

1135. **Fisher GR**: Annual meeting of the Endocrine Society in conjunction with International Congress of Endocrinology. Delaware Med J 41:124-6, Apr 69
*CALCIUM, metabolism/ CONGRESSES/ *HORMONES, physiology/ HUMAN/ *INSULIN, secretion/ *SOMATOTROPIN, physiology

1136. **Fiszer S, De Robertis E**: Subcellular distribution and chemical nature of the receptor for 5-hydroxytryptamine in the central nervous system.
J Neurochem 16:1201-9, Aug 69
ANIMAL EXPERIMENTS/ BINDING SITES/ BRAIN, drug effects/ *BRAIN, metabolism/ CARBON ISOTOPES/ CATS/ CELL MEMBRANE, metabolism/ CELL NUCLEUS, metabolism/ CHROMATOGRAPHY, THIN LAYER/ DESIPRAMINE, pharmacodynamics/ ERGOLINES, pharmacodynamics/ GANGLIA, BASAL, metabolism/ GANGLIOSIDES, metabolism/ HYPOTHALAMUS, metabolism/ IN VITRO/ LIPOPROTEINS, metabolism/ MESENCEPHALON, metabolism/ MICROSOMES, metabolism/ MITOCHONDRIA, metabolism/ MYELIN SHEATH, metabolism/ NERVE ENDINGS, metabolism/ *RECEPTORS, DRUG/ RESERPINE, pharmacodynamics/ *SEROTONIN, metabolism/ TUBOCURARINE, pharmacodynamics

1137. **Fitzsimons JT, Simons BJ**: The effect on drinking in the rat of intravenous infusion of angiotensin, given alone or in combination with other stimuli of thirst.
J Physiol (London) 203:45-57, Jul 69
ANGIOTENSIN, administration & dosage/ *ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ DIURESIS/ DRINKING, drug effects/ MALE/ NEPHRECTOMY/ RATS/ RENIN, physiology/ SODIUM CHLORIDE, pharmacodynamics/ *THIRST, drug effects/ VENA CAVA, INFERIOR, physiology/ WATER-ELECTROLYTE BALANCE

1138. **Flamm WG, Walker PM, McCallum M**: Renaturation and isolation of single strands from the nuclear DNA of the guinea pig. J Molec Biol 42:441-55, 28 Jun 69
ANIMAL EXPERIMENTS/ *CELL NUCLEUS, analysis/ CENTRIFUGATION, DENSITY GRADIENT/ DENSITOMETRY/ *DNA, isolation & purification/ GUINEA PIGS/ HEAT/ HYDROXYAPATITE/ LIVER, analysis/ TESTIS, analysis

1139. **Fleisch H, Russell RG, Francis MD**: Diphosphonates inhibit hydroxyapatite dissolution in vitro and bone resorption in tissue culture and in vivo.
Science 165:1262-4, 19 Sep 69
ANIMAL EXPERIMENTS/ BINDING SITES/ *BONE RESORPTION, drug effects/ *HYDROXYAPATITE, antagonists & inhibitors/ MICE/ PARATHYROID GLANDS, surgery/ *PHOSPHONIC ACIDS, pharmacodynamics/ RATS/ *SOLUTIONS, antagonists & inhibitors/ THYROIDECTOMY/ TISSUE CULTURE/ TISSUE EXTRACTS, pharmacodynamics

1140. **Fleischhacker H, Schindler H**: Nachuntersuchungen bei 300 strumektomierten Patienten.
Wien Med Wschr 119:512-4, 5 Jul 69 (Ger)
ADOLESCENCE/ ADULT/ AGED/ CHILD/ FEMALE/ FOLLOW-UP STUDIES/ GOITER, surgery/ HUMAN/ HYPERTHYROIDISM, surgery/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ MIDDLE AGE/ THYROID DISEASES, diagnosis/ *THYROID DISEASES, surgery/ THYROID GLAND FUNCTION TESTS/ THYROID NEOPLASMS, surgery/ THYROIDECTOMY/ THYROIDITIS, surgery

1141. **Flerkó B, Petrusz P**: On the mechanism of sexual differentiation of the rat hypothalamus.
Rass Neurol Veg 21:85-98, 30 Apr 67
ANDROGENS/ ANIMAL EXPERIMENTS/ *GONADOTROPINS, PITUITARY, secretion/ *GONADS, physiology/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ *HYPOTHALAMUS, growth & development/ *PITUITARY GLAND, secretion/ RATS/ SEX FACTORS

1142. **Fletcher A, Pradhan SN**: Responses to microinjections of d-tubocurarine into the hypothalamus of cats.
Int J Neuropharmacol 8:373-7, Jul 69
ANIMAL EXPERIMENTS/ *AUTONOMIC NERVOUS SYSTEM, drug effects/ BLOOD PRESSURE, drug effects/ CATS/ CAUDATE NUCLEUS, drug effects/ CEREBRAL CORTEX, drug effects/ ELECTRODES/ ELECTROENCEPHALOGRAPHY/ FEMALE/ HIPPOCAMPUS, drug effects/ *HYPOTHALAMUS, physiology/ INJECTIONS, INTRATHECAL/ KNEE/ MALE/ MOTOR ACTIVITY, drug effects/ NEOSTIGMINE, pharmacodynamics/ REFLEX, drug effects/ RESPIRATION, drug effects/ STIMULATION, CHEMICAL/ *TUBOCURARINE, administration & dosage/ TUBOCURARINE, antagonists & inhibitors

1143. **Flint AP, Denton RM**: Glucose metabolism in the superovulated rat ovary in vitro. Effects of luteinizing hormone and the role of glucose metabolism in steroidogenesis. Biochem J 112:243-54, Apr 69
ACETATES, metabolism/ ALCOHOL OXIDOREDUCTASES, metabolism/ ANIMAL EXPERIMENTS/ CARBON DIOXIDE, metabolism/ CARBON ISOTOPES/ CHROMATOGRAPHY, THIN LAYER/ ELECTRODES/ FEMALE/ *GLUCOSE, metabolism/ GLYCOLYSIS, drug effects/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ GONADOTROPINS, EQUINE, pharmacodynamics/ HUMAN/ IN VITRO/ KETONES, biosynthesis/ *LH, pharmacodynamics/ LIPIDS, biosynthesis/ OVARY, enzymology/ *OVARY, metabolism/ *OVULATION/ OVULATION, drug effects/ OXYGEN CONSUMPTION, drug effects/ PHOSPHOFRUCTOKINASE, metabolism/ PHOSPHOTRANSFERASES, metabolism/ RATS/ *STEROIDS, biosynthesis/ *STEROLS, biosynthesis/ STIMULATION, CHEMICAL/ TRITIUM

1144. **Fochtman FW, Manno JE, Winek CL, et al**: Toxicity of the genus Dieffenbachia.
Toxic Appl Pharmacol 15:38-45, Jul 69
ANIMAL EXPERIMENTS/ CORTISONE, pharmacodynamics/ DIPHENHYDRAMINE, pharmacodynamics/ EDEMA, chemically induced/ *EYE DISEASES, chemically induced/ FEMALE/ HISTAMINE, blood/ MALE/ OXALATES, analysis/ PLANT EXTRACTS, antagonists & inhibitors/ PLANT EXTRACTS, metabolism/ PLANT EXTRACTS, toxicity/ *PLANT POISONING/ *PLANTS/ RABBITS/ RATS/ *TONGUE DISEASES, chemically induced/ TONGUE DISEASES, pathology/ TRYPSIN

1145. **Fodstad H**: Untersuchung zur Frage der Alkoholparanoia; Beitrag zur Deutung der somatogenen Psychosen.
Schweiz Arch Neurol Neurochir Psychiat 102:431-55, 1968 (Ger)
AGED/ CEREBELLUM, pathology/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HALLUCINATIONS, diagnosis/ HUMAN/ HYPOTHALAMUS, pathology/ KORSAKOFF'S SYNDROME, diagnosis/ MALE/ MIDDLE AGE/ *PARANOIA, diagnosis/ PSYCHOSES, ALCOHOLIC, classification/ *PSYCHOSES, ALCOHOLIC, diagnosis/ PURKINJE CELLS/ SKULL, radiography/ THALAMUS, pathology/ WERNICKE'S ENCEPHALOPATHY, diagnosis

1146. **Fog J, Lester J:** Orbitography with water-soluble contrast media.
Acta Radiol [Diagn] (Stockholm) 8:329-36, Jul 69
ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ *CONTRAST MEDIA/ EXOPHTHALMOS, radiography/ EYE NEOPLASMS, radiography/ FEMALE/ FIBROSARCOMA, radiography/ GLIOMA, radiography/ HEMANGIOMA, CAVERNOUS, radiography/ HUMAN/ INFANT/ LACRIMAL APPARATUS/ MALE/ METHODS/ MIDDLE AGE/ OPTIC NERVE/ *ORBIT, radiography/ ORBITAL NEOPLASMS, radiography/ SOLUBILITY/ WATER

1147. **Foglia VG, De Peralta Ramos MC, Ibarra R, et al:** La fertilité chez la ratte pancréatoprive et les altérations anatomo-pathologiques trouvées dans l'utérus et l'ovaire. C R Soc Biol (Paris) 162:2013, May 69 **(Fre)**
ANIMAL EXPERIMENTS/ BLOOD SUGAR/ FEMALE/ *FERTILITY/ FETAL DEATH, etiology/ NIDATION/ *OVARY, pathology/ OVULATION/ *PANCREAS, physiology/ PANCREATECTOMY/ PREGNANCY/ RATS/ *UTERUS, pathology

1148. **Földvári F, Fornosi F, Angyal J, et al:** Immunological aspects of pemphigus and its treatment with antipolio vaccande (Sabin) in steroids.
Acta Dermatovener (Stockholm) 48:630-2, 1968
AGE FACTORS/ ANTIBODY FORMATION/ ANTIGEN-ANTIBODY REACTIONS/ GAMMA GLOBULIN, therapeutic use/ HUMAN/ MOUTH DISEASES, drug therapy/ NEUTRALIZATION TESTS/ PEMPHIGUS, drug therapy/ *PEMPHIGUS, immunology/ POLIOVIRUS VACCINE, therapeutic use/ PREDNISOLONE, therapeutic use/ SEBORRHEA, drug therapy/ VACCINE THERAPY

1149. **Follett BK, Sharp PJ:** Circadian rhythmicity in photoperiodically induced gonadotrophin release and gonadal growth in the quail.
Nature (London) 223:968-71, 30 Aug 69
ANIMAL EXPERIMENTS/ BIRDS/ *CIRCADIAN RHYTHM/ *GONADOTROPINS, secretion/ GONADOTROPINS, PITUITARY, secretion/ *GONADS, growth & development/ LIGHT/ PERIODICITY/ PITUITARY HORMONE RELEASING FACTORS

1150. **Fomenko GF:** Vliianie gidrokortizona na sekretornuiu funktsiiu pohechnykh kanal'tsev.
Probl Endokr (Moskva) 15:70-3, Jan-Feb 69 **(Rus)**
ANIMAL EXPERIMENTS/ DOGS/ ENGLISH ABSTRACT/ GLOMERULAR FILTRATION RATE/ HYDROCORTISONE, administration & dosage/ *HYDROCORTISONE, pharmacodynamics/ KIDNEY, physiology/ KIDNEY TUBULES, drug effects/ KIDNEY TUBULES, physiology/ RABBITS

1151. **Fomina AA:** Izmenenila obmena nekotorykh élektrolitov v period kriza pri hipertonicheskoĭ bolezni. Kardiologiia 9:98-102, Jun 69 **(Rus)**
CALCIUM, blood/ *CALCIUM, metabolism/ CALCIUM, urine/ ENGLISH ABSTRACT/ ERYTHROCYTES, analysis/ HUMAN/ HYPERTENSION, blood/ *HYPERTENSION, metabolism/ HYPERTENSION, urine/ MAGNESIUM, blood/ *MAGNESIUM, metabolism/ MAGNESIUM, urine/ POTASSIUM, blood/ *POTASSIUM, metabolism/ POTASSIUM, urine/ SODIUM, blood/ *SODIUM, metabolism/ SODIUM, urine

1152. **Fontaine G, Keller M, Farriaux JP, et al:** L'ictère néo-natal prolongé lié à l'allaitement maternel.
Sem Hop Paris 44:3010-6, 26 Nov 68 **(Fre)**
*BREAST FEEDING/ ENGLISH ABSTRACT/ ENZYME REPRESSION/ FEMALE/ GLUCURONATES, antagonists & inhibitors/ HUMAN/ HYPERBILIRUBINEMIA, etiology/ HYPERBILIRUBINEMIA, HEREDITARY, etiology/ INFANT/ INFANT, NEWBORN/ JAUNDICE, NEONATAL, enzymology/ *JAUNDICE, NEONATAL, etiology/ JAUNDICE, NEONATAL, therapy/ MALE/ MATERNAL-FETAL EXCHANGE/ *MILK, HUMAN, enzymology/ PREGNANCY/ PREGNANEDIOL/ TRANSFERASES, antagonists & inhibitors/ WEANING

1153. **Fontaine R, Bollack C, Ceylan I, et al:** La médianécrose en foyers dans ses relations avec l'artériosclérose.
Sem Hop Paris 45:1091-111, 8 Apr 69 **(Fre)**
ADRENAL GLANDS, transplantation/ AGE FACTORS/ ANIMAL EXPERIMENTS/ *AORTIC DISEASES, chemically induced/ ARTERIOSCLEROSIS, chemically induced/ *ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, occurrence/ *ARTERIOSCLEROSIS, pathology/ *BLOOD VESSELS, pathology/ CALCINOSIS, pathology/ CHOLESTEROL, administration & dosage/ ELASTIN, toxicity/ ENDARTERITIS, etiology/ ENGLISH ABSTRACT/ EPINEPHRINE, toxicity/ FEMALE/ FREUND'S ADJUVANT, pharmacodynamics/ GLYCOPROTEINS, toxicity/ GLYCOSIDE HYDROLASES, toxicity/ HUMAN/ INJECTIONS, INTRAVENOUS/ LIPASE, toxicity/ LIPIDS, metabolism/ MALE/ MUCOPOLYSACCHARIDES/ NECROSIS, pathology/ PANCREATOPEPTIDASE, toxicity/ RABBITS/ SEX FACTORS/ STRESS, complications/ THYROXINE, administration & dosage/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS

1154. **Fontains G, Biserte G, Havez R, et al:** Aminoácidos y mucopolisacáridos ácidos urinarios en el raquitismo común infantil.
Folia Clin Int (Barc) 19:69-75, Feb 69 **(Spa)**
ADOLESCENCE/ *AMINO ACIDS, urine/ CHILD, PRESCHOOL/ CHROMATOGRAPHY, PAPER/ HUMAN/ INFANT/ *MUCOPOLYSACCHARIDES, urine/ *RICKETS, urine

1155. **Fontein DL, Woldring MC, Nieweg HO:** Management of idiopathic thrombocytopenic purpura.
Brit J Haemat 17:301-2, Sep 69
ADRENAL CORTEX HORMONES, therapeutic use/ ANEMIA, HEMOLYTIC, diagnosis/ ANTINEOPLASTIC AGENTS, therapeutic use/ HUMAN/ PURPURA, THROMBOPENIC, diagnosis/ *PURPURA, THROMBOPENIC, drug therapy/ *PURPURA, THROMBOPENIC, surgery/ RADIOISOTOPE SCANNING/ SPLENECTOMY

1156. **Ford SH, Fried J:** Smooth muscle activity of RAC.-7-oxaprostaglandin F1alpha and related substances. Life Sci 8:983-7, 1 Sep 69
ANIMAL EXPERIMENTS/ COLON, drug effects/ GERBILS/ IN VITRO/ *MUSCLE, SMOOTH, drug effects/ PROSTAGLANDINS, chem synthesis/ *PROSTAGLANDINS, pharmacodynamics/ STEREOISOMERS

1157. **Fornari S, Colangelo G, Castellani L:** Considerazioni sull'efficacia terapeutica del sintisine in endodontia.
Ann Stomat (Roma) 18:645-52, Jul 69 **(Ita)**
ADOLESCENCE/ ADULT/ *ANTI-INFECTIVE AGENTS, LOCAL, adverse effects/ *ANTI-INFLAMMATORY AGENTS, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ DENTAL MATERIALS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYDROCARBONS, HALOGENATED, adverse effects/ MALE/ MIDDLE AGE/ *PREDNISOLONE, therapeutic use/ *ROOT CANAL OBTURATION, adverse effects

1158. **Forsberg JG, Jacobsohn D:** The reproductive tract of males delivered by rats given cyproterone acetate from days 7 to 21 of pregnancy.
J Endocr 44:461-2, Jul 69
*ABNORMALITIES, DRUG-INDUCED/ *ANDROGENS, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ DELIVERY/ FEMALE/ *GENITALIA, MALE, abnormalities/ GENITALIA, MALE, embryology/ GENITALIA, MALE, pathology/ GESTATIONAL AGE/ MALE/ PREGNANCY/ *PREGNANES, ANIMAL/ *PREGNANES, pharmacodynamics/ RATS/ VAGINA, abnormalities/ VAGINA, embryology

1159. **Forssman H, Akesson HO:** Extra Y chromosomes and epilepsy. Humangenetik 7:251-2, 1969
BODY HEIGHT/ *EPILEPSY, complications/ HUMAN/ MALE/ *SEX CHROMOSOME ABNORMALITIES, complications

1160. **Fort AT:** Placental function tests: a review of tests showing promise but not yet established. Southern Med J 62:1080-4, Sep 69 (20 ref.)
ALKALINE PHOSPHATASE, blood/ AMNIOTIC FLUID, analysis/ AMNIOTIC FLUID, physiology/ CREATININE, analysis/ CYTODIAGNOSIS/ FEMALE/ FETUS, physiology/ HISTAMINASE, blood/ HUMAN/ MATERNAL-FETAL EXCHANGE/ METHODS/ OSMOLAR CONCENTRATION/ PHENOLPHTHALEINS, metabolism/ PLACENTA, metabolism/ *PLACENTA, physiology/ PREGNANCY/ *PREGNANCY COMPLICATIONS, diagnosis/ REVIEW

1161. **Forti N, Pasini U, Thomé O, et al:** Hipertireoidismo e síndrome de insuficiência aórtica funcional: relato de um caso. Rev Hosp Clin Fac Med S Paulo 24:197-202, May-Jun 69 (Por)
ADULT/ *AORTIC VALVE INSUFFICIENCY, etiology/ HEART FAILURE, CONGESTIVE, etiology/ HUMAN/ *HYPERTHYROIDISM, complications/ HYPERTHYROIDISM, drug therapy/ MALE/ PHONOCARDIOGRAPHY/ PROPYLTHIOURACIL, therapeutic use

1162. **Foster LB, Sells BH:** Functional capacity of intact and hybrid ribosomes from livers of normal and hypophysectomized rats. Arch Biochem 132:561-4, Jul 69
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CENTRIFUGATION, DENSITY GRADIENT/ HYPOPHYSECTOMY/ LIVER, cytology/ *LIVER, physiology/ PHENYLALANINE, metabolism/ *PITUITARY GLAND, physiology/ POLYNUCLEOTIDES, pharmacodynamics/ PROTEINS, biosynthesis/ RATS/ *RIBOSOMES, metabolism/ TIME FACTORS/ URACIL NUCLEOTIDES, pharmacodynamics

1163. **Foster ME:** Factors affecting obesity. Alabama J Med Sci 6:275-84, Jul 69 (47 ref.)
ADIPOSE TISSUE, metabolism/ APPETITE REGULATION/ EATING/ HUMAN/ HYPOTHALAMUS, physiology/ *OBESITY, etiology/ REVIEW/ STRESS, PSYCHOLOGIC

1164. **Fouquet JP, Guha S:** Glycogen, phosphorylase and glycogen synthetase in hamster testis during postnatal development. J Reprod Fertil 19:455-64, Aug 69
AGE FACTORS/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ *GLUCOSYLTRANSFERASES, analysis/ *GLYCOGEN, analysis/ GLYCOGEN, biosynthesis/ HAMSTERS/ MALE/ SPERMATOZOA/ TESTIS, analysis/ TESTIS, enzymology/ *TESTIS, growth & development/ VAS DEFERENS, analysis/ VAS DEFERENS, enzymology/ VAS DEFERENS, growth & development

1165. **Fournier A:** Le mannitol. I. Mécanisme de l'action rénale. Path Biol (Paris) 17:521-8, May 69 (Fre)
ACID-BASE EQUILIBRIUM/ ANIMAL EXPERIMENTS/ DEHYDRATION/ *DIURESIS, drug effects/ DOGS/ ENGLISH ABSTRACT/ GLOMERULAR FILTRATION RATE/ HUMAN/ *KIDNEY, drug effects/ KIDNEY CONCENTRATING ABILITY/ KIDNEY TUBULES, physiology/ *MANNITOL, pharmacodynamics/ NATRIURESIS, drug effects/ OSMOSIS/ POTASSIUM, metabolism/ POTASSIUM, urine/ REGIONAL BLOOD FLOW/ RHEOLOGY/ SODIUM, metabolism/ VASOPRESSIN, physiology/ WATER-ELECTROLYTE BALANCE

1166. **Fournier A, Pauli A, Callens J, et al:** Infarctus testiculaire au cours d'un purpura rhumatoide. J Sci Med Lille 85:397-401, Jun-Aug 67 (Fre)
CASE REPORT/ CHILD, PRESCHOOL/ HUMAN/ INFARCTION, etiology/ *JOINT DISEASES, complications/ MALE/ *PURPURA, complications/ *TESTICULAR DISEASES, etiology/ TESTICULAR DISEASES, surgery/ TESTIS, blood supply/ TESTIS, surgery

1167. **Fox CA, Fox B:** Blood pressure and respiratory patterns during human coitus. J Reprod Fertil 19:405-15, Aug 69
ADULT/ APNEA/ *BLOOD PRESSURE/ BLOOD PRESSURE DETERMINATION/ *COITUS/ EJACULATION/ FEMALE/ HUMAN/ HYPERVENTILATION/ MALE/ MASTURBATION/ *ORGASM/ OXYTOCIN, secretion/ *RESPIRATION/ SPIROMETRY/ TIME FACTORS

1168. **Fozard JR:** The effects of reserpine on the distribution of [14c]5-hydroxytryptamine in the rat. J Pharm Pharmacol 21:550-1, Aug 69
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ KIDNEY, analysis/ MALE/ MYOCARDIUM, analysis/ RATS/ *RESERPINE, pharmacodynamics/ SEROTONIN, blood/ *SEROTONIN, metabolism

1169. **Frahm H, Smejkal V:** Hemmung der Polydipsie und Polyurie durch Tegretal bei hypophysenoperierten Patienten und bei Kranken mit Diabetes insipidus. Med Welt 27:1529-33, 5 Jul 69 (Ger)
ADOLESCENCE/ ADULT/ AGED/ *AZEPINES, therapeutic use/ *DIABETES INSIPIDUS, complications/ FEMALE/ HUMAN/ HYPOPHYSECTOMY, adverse effects/ *HYPOPITUITARISM, complications/ HYPOPITUITARISM, etiology/ MALE/ MIDDLE AGE/ *POLYURIA, drug therapy/ POLYURIA, etiology/ *THIRST, drug effects

1170. **Francis MD, Russell RG, Fleisch H:** Diphosphonates inhibit formation of calcium phosphate crystals in vitro and pathological calcification in vivo. Science 165:1264-6, 19 Sep 69
ANIMAL EXPERIMENTS/ *AORTIC DISEASES, chemically induced/ CALCINOSIS, chemically induced/ *CALCINOSIS, prevention & control/ CHOLECALCIFEROL, pharmacodynamics/ *CRYSTALLIZATION/ HYDROGEN-ION CONCENTRATION/ PHOSPHATES, antagonists & inhibitors/ *PHOSPHONIC ACIDS, administration & dosage/ PYROPHOSPHATES, pharmacodynamics/ RATS/ X-RAY DIFFRACTION

1171. **François C:** Une méthode de séparation rapide des vésicules sarcoplasmatiques d'avec leur milieu d'incubation. Arch Int Physiol 77:376-7, May 69 (Fre)
ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ CALCIUM ISOTOPES/ CULTURE MEDIA/ GEL FILTRATION/ METHODS/ MICROSOMES, analysis/ *MUSCLES, analysis/ MUSCLES, cytology/ RABBITS/ TRITIUM/ WATER

1172. **Frandsen P:** Purification and determination of the antidiuretic substance in human urine. Acta Endocr (Kobenhavn) 62:31-8, Sep 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CHROMATOGRAPHY/ FEMALE/ HUMAN/ MALE/ METHODS/ RATS/ *URINE, analysis/ *VASOPRESSIN, urine

1173. **Frangenheim H:** Die heutige Stellung der Laparoskopie in der Gynäkologie. Arch Gynaek 207:240-50, 1969 (Ger)
*ABDOMEN/ ADRENAL GLAND DISEASES, diagnosis/ COMPARATIVE STUDY/ CULDOSCOPY/ DIAGNOSIS, DIFFERENTIAL/ ENDOMETRIOSIS, diagnosis/ *ENDOSCOPY/ ENDOSCOPY, adverse effects/ FEMALE/ *GYNECOLOGIC DISEASES, diagnosis/ GYNECOLOGIC DISEASES, surgery/ *GYNECOLOGIC NEOPLASMS, diagnosis/ HUMAN/ NEURALGIA, diagnosis/ OVARIAN NEOPLASMS, diagnosis/ PREGNANCY, ECTOPIC, diagnosis/ STERILITY, FEMALE, diagnosis/ TUBERCULOSIS, FEMALE GENITAL, diagnosis

1174. **Frankel HL:** Ascending cord lesion in the early stages

following spinal injury. Paraplegia 7:111-8, Aug 69
ADULT/ ANTICOAGULANTS, therapeutic use/ DISLOCATIONS/ FEVER/ FRACTURES/ HUMAN/ MALE/ MIDDLE AGE/ PARAPLEGIA, cerebrospinal fluid/ PARAPLEGIA, drug therapy/ *PARAPLEGIA, etiology/ PREDNISOLONE, therapeutic use/ *SPINAL CORD INJURIES, complications/ SPINAL INJURIES, complications/ SPINAL PUNCTURE

1175. **Fraser GR:** The genetics of thyroid disease.
Progr Med Genet 6:89-115, 1969 (113 ref.)
CHROMOSOME ABERRATIONS/ CRETINISM, familial & genetic/ DEAFNESS, familial & genetic/ FEMALE/ GOITER, familial & genetic/ HUMAN/ HYPERTHYROIDISM, familial & genetic/ HYPOTHYROIDISM, familial & genetic/ MALE/ PEDIGREE/ POLYMORPHISM (GENETICS)/ REVIEW/ SEX CHROMOSOME ABNORMALITIES/ *THYROID DISEASES, familial & genetic/ THYROID NEOPLASMS, familial & genetic/ THYROXINE-BINDING PROTEIN

1176. **Fraser GR, Friedmann AI, Maroteaux P, et al:** Dysplasia spondyloepiphysaria congenita and related generalized skeletal dysplasias among children with severe visual handicaps.
Arch Dis Child 44:490-8, Aug 69
ADOLESCENCE/ ADULT/ *BLINDNESS, complications/ *BONE DISEASES, complications/ BONE DISEASES, diagnosis/ BONE DISEASES, familial & genetic/ CATARACT, complications/ CHILD/ DEAFNESS, complications/ DIAGNOSIS, DIFFERENTIAL/ DWARFISM, etiology/ FEMALE/ HUMAN/ MALE/ MYOPIA, complications/ RETINAL DETACHMENT, etiology

1177. **Fraser J:** Treatment of cancer of the breast.
Practitioner 203:146-52, Aug 69
ANDROGENS, therapeutic use/ BREAST NEOPLASMS, drug therapy/ *BREAST NEOPLASMS, surgery/ FEMALE/ HUMAN/ NEOPLASM METASTASIS/ OVARY, surgery/ PROGNOSIS

1178. **Frasier SD, Horton R, Ulstrom RA:** Androgen metabolism in congenital adrenal hyperplasia due to 11 beta-hydroxylase deficiency.
Pediatrics 44:201-8, Aug 69
ADRENAL GLAND HYPERFUNCTION, congenital/ *ADRENAL GLAND HYPERFUNCTION, metabolism/ *ADRENOGENITAL SYNDROME, metabolism/ *ANDROGENS, metabolism/ ANDROSTANES, metabolism/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ *HYDROXYLASES/ HYPERPLASIA/ 17-KETOSTEROIDS, metabolism/ 17-KETOSTEROIDS, urine/ PREGNANETRIOL, urine/ TESTOSTERONE, biosynthesis/ TESTOSTERONE, blood

1179. **Frassineti A, Momoli G, Aguzzoli RS:** La diagnosi dell'addome acuto ginecologico nei suoi rilievi clinico-radiologici. IV. Quadro clinico-radiologico acuto da neoformazione degli annessi: cisti e cistomi ovarici; processi neoplastici primitivi dell'ovaio.
Osped Ital Chir 17:297-313, Sep 67 (Ita)
*ABDOMEN, ACUTE, radiography/ *ADENOCARCINOMA, radiography/ ADULT/ AGED/ *CARCINOMA, MUCINOUS, radiography/ CHILD/ *CYSTADENOMA, radiography/ FEMALE/ HUMAN/ MIDDLE AGE/ NEOPLASM METASTASIS/ *OVARIAN CYSTS, radiography/ *OVARIAN NEOPLASMS, radiography

1180. **Fratarcangeli S:** Rara osservazione di osteogenesi imperfetta, tarda, completa, sporadica.
Valsalva 44:259-67, Oct 68 (Ita)
ADULT/ CALCIUM, blood/ CASE REPORT/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *OSTEOGENESIS IMPERFECTA/ OSTEOGENESIS IMPERFECTA, familial & genetic/ *OTOSCLEROSIS, etiology/ PEDIGREE/ PHOSPHATASES, blood/ PHOSPHORUS, blood

1181. **Fraumeni JF Jr:** Clinical epidemiology of leukemia.
Seminars Hemat 6:250-60, Jul 69 (93 ref.)
ADOLESCENCE/ AGE FACTORS/ ANEMIA, PERNICIOUS, complications/ BENZENE, poisoning/ CHILD, PRESCHOOL/ CHLORAMPHENICOL, adverse effects/ CHROMOSOME ABERRATIONS/ HEPATITIS VIRUS, INFECTIOUS/ HYPERTHYROIDISM, complications/ LEUKEMIA, etiology/ *LEUKEMIA, occurrence/ LEUKEMIA, LYMPHOBLASTIC/ LEUKEMIA, MYELOBLASTIC/ *RADIATION EFFECTS/ REVIEW

1182. **Free MJ, Vandemark NL:** Radiorespirometric studies on glucose metabolism in testis tissue from rat, rabbit and chicken.
Comp Biochem Physiol 30:323-33, 15 Jul 69
ACETATES, metabolism/ ANIMAL EXPERIMENTS/ CARBON DIOXIDE, metabolism/ CARBON ISOTOPES/ CHICKENS/ CHROMATOGRAPHY, PAPER/ *GLUCOSE, metabolism/ GLUCURONATES, metabolism/ GLYCOLYSIS/ KINETICS/ KREBS CYCLE/ MALE/ *OXYGEN CONSUMPTION/ PENTOSES, metabolism/ RABBITS/ RATS/ *TESTIS, metabolism

1183. **Freedman GL, Hooley JR:** Medical contraindications to the extraction of teeth.
Dent Clin N Amer 13:939-60, Oct 69
*ANEMIA/ *ANTICOAGULANTS, therapeutic use/ *CARDIOVASCULAR DISEASES/ *ENDOCRINE DISEASES/ *HEART DISEASES/ *HEMOPHILIA/ HUMAN/ *HYPERTENSION/ *PATIENT CARE PLANNING/ *RESPIRATORY TRACT DISEASES/ *TOOTH EXTRACTION

1184. **Freeman HC, Idler DR:** Sex hormone binding proteins. II. Isolation from serum of an elasmobranch (Raja radiata).
Gen Comp Endocr 13:83-91, Aug 69
ANDROSTANES, blood/ ANIMAL EXPERIMENTS/ *BLOOD PROTEINS, isolation & purification/ CHROMATOGRAPHY, ION EXCHANGE/ DEAE-CELLULOSE/ ESTRADIOL, blood/ *FISHES/ GEL FILTRATION/ GLUCOCORTICOIDS, blood/ GLYCOLS/ HYDROXYPROGESTERONE, blood/ MALE/ MERCAPTOETHANOL/ MOLECULAR WEIGHT/ PROGESTERONE, blood/ PROTEIN BINDING/ *SEX HORMONES, blood/ SULFHYDRYL COMPOUNDS/ TESTOSTERONE, blood

1185. **Freeman SE, Turner RJ:** A pharmacological study of the toxin in a Cnidarian, Chironex fleckeri Southcott.
Brit J Pharmacol 35:510-20, Mar 69
ANIMAL EXPERIMENTS/ APNEA, blood/ APNEA, chemically induced/ BLOOD PRESSURE, drug effects/ CAROTID SINUS/ CELL MEMBRANE PERMEABILITY, drug effects/ *COELENTERATA/ DEATH, SUDDEN/ GEL FILTRATION/ HEART BLOCK, chemically induced/ HEART DISEASES, chemically induced/ HEMOLYSIS/ HEXAMETHONIUM COMPOUNDS, pharmacodynamics/ MICE/ POTASSIUM, blood/ RABBITS/ RATS/ SEROTONIN, analysis/ *TOXINS, toxicity

1186. **Freeman T:** Protein turnover studies in heavy proteinuria.
Brit J Urol Suppl:109-14, Aug 69
*BLOOD PROTEINS, metabolism/ GAMMA GLOBULIN, 7S, biosynthesis/ GAMMA GLOBULIN, 7S, urine/ HUMAN/ IODINE ISOTOPES, urine/ PROTEIN-BOUND IODINE TEST/ *PROTEINURIA, metabolism/ SERUM ALBUMIN

1187. **Freemon FR, McNew JJ, Adey WR:** Sleep of unrestrained chimpanzee: cortical and subcortical recordings.
Exp Neurol 25:129-37, Sep 69
AMYGDALOID BODY, physiology/ ANIMAL EXPERIMENTS/ *APES, physiology/ *BRAIN, physiology/ CAUDATE NUCLEUS, physiology/ CEREBRAL CORTEX, physiology/

*ELECTRODIAGNOSIS/ ELECTROENCEPHALOGRAPHY/ ELECTROMYOGRAPHY/ ELECTROOCULOGRAPHY/ HIPPOCAMPUS, physiology/ MESENCEPHALON, physiology/ RED NUCLEUS, physiology/ RETICULAR FORMATION, physiology/ *SLEEP/ SLEEP, REM/ TELEMETRY/ THALAMUS, physiology

1188. **Fregly MJ, Kim KJ, Hood CI:** Development of hypertension in rats treated with aldosterone acetate.
Toxic Appl Pharmacol 15:229-43, Jul 69
ADRENAL GLANDS, analysis/ *ALDOSTERONE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLOOD PRESSURE, drug effects/ BODY WEIGHT, drug effects/ HYPERTENSION, RENAL/ KIDNEY, analysis/ KIDNEY, pathology/ MALE/ MYOCARDIUM, analysis/ NEPHRECTOMY/ ORGAN WEIGHT/ PROSTATE, analysis/ RATS/ SEMINAL VESICLES, analysis/ TESTIS, analysis/ THYMUS GLAND, analysis/ THYROID GLAND, analysis

1189. **Fregnan GB, Glässer AH:** Reduction of antineoplastic drug intoxication by 5-hydroxytryptamine antagonists.
Pharmacology (Basel) 2:217-22, 1969
ANIMAL EXPERIMENTS/ ANTINEOPLASTIC AGENTS, toxicity/ DAUNOMYCIN, pharmacodynamics/ *DAUNOMYCIN, toxicity/ *ERGOLINES, pharmacodynamics/ FEMALE/ MECHLORETHAMINE, pharmacodynamics/ *MECHLORETHAMINE, toxicity/ METHYSERGIDE, pharmacodynamics/ MICE/ MORTALITY/ RATS/ *SEROTONIN, antagonists & inhibitors/ SEROTONIN, pharmacodynamics

1190. **Frelick RW:** Thyroid nodule: some further comments.
Delaware Med J 41:225-6, Jul 69
*GOITER, diagnosis/ *GOITER, therapy/ HUMAN/ *HYPERTHYROIDISM, diagnosis/ *HYPERTHYROIDISM, therapy

1191. **French CM:** Thiocyanate in the brain and the size of the extracellular space.
Progr Brain Res 29:485-92, 1968
ANIMAL EXPERIMENTS/ BODY FLUIDS, metabolism/ *BRAIN, metabolism/ *EXTRACELLULAR SPACE, metabolism/ MUSCLES, metabolism/ OSMOSIS/ RATS/ THIOCYANATES, blood/ *THIOCYANATES, metabolism

1192. **Frenkel' ID, Proskurova GI, Babakhanova ZhB:** K otsenke rezul'tatov opredeleniia ékskretsii summarnykh 17-oksikortikosteroidov s mochoĭ rozlichnymi metodami pri neéndokrinnykh zabolevaniiakh.
Lab Delo 6:373-4, 1969 (Rus)
ARTHRITIS, RHEUMATOID, urine/ COMPARATIVE STUDY/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, urine/ METHODS/ NEURITIS, urine/ PEPTIC ULCER, urine/ VASCULAR DISEASES, urine

1193. **Frenkel' ID, Pugachev VP, Proskuroba GI:** Fliourometr dlia opredeleniia 11-oksikortikosteroidov v plazme krovi.
Lab Delo 2:118, 1968 (Rus)
*ADRENAL CORTEX HORMONES, blood/ CORTICOSTERONE, blood/ *FLUOROMETRY, instrumentation/ HYDROCORTISONE, blood

1194. **Fretz J, Rohde W, Schmähl D, et al:** Therapieversuche am autochthonen Mammacarcinom der Ratte.
Arzneimitteiforschung 19:1291-5, Aug 69 (Ger)
ANIMAL EXPERIMENTS/ BENZANTHRACENES/ CARCINOMA, drug therapy/ CARCINOMA, pathology/ CARCINOMA, surgery/ *CARCINOMA, therapy/ COMPARATIVE STUDY/ CYCLOPHOSPHAMIDE, administration & dosage/ *CYCLOPHOSPHAMIDE, therapeutic use/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ ESTRADIOL, administration & dosage/ *ESTRADIOL, therapeutic use/ FEMALE/ LUNG NEOPLASMS, pathology/ MAMMARY NEOPLASMS, EXPERIMENTAL, chemically induced/ MAMMARY NEOPLASMS, EXPERIMENTAL, drug therapy/ MAMMARY NEOPLASMS, EXPERIMENTAL, pathology/ MAMMARY NEOPLASMS, EXPERIMENTAL, surgery/ *MAMMARY NEOPLASMS, EXPERIMENTAL, therapy/ NEOPLASM METASTASIS/ PROGESTERONE, administration & dosage/ *PROGESTERONE, therapeutic use

1195. **Freund K:** Konzeption und Forschungsmöglichkeiten auf dem Gebiet der sexuelle n Deviationen.
Psychiat Neurol Med Psychol (Leipzig) 21:161-4, May 69 (30 ref.) (Ger)
ANIMAL EXPERIMENTS/ BEHAVIOR, ANIMAL/ BRAIN INJURY, ACUTE, complications/ ENGLISH ABSTRACT/ HOMOSEXUALITY, etiology/ HUMAN/ PSYCHOPATHOLOGY/ *RESEARCH/ REVIEW/ *SEX DEVIATION/ SEX DEVIATION, diagnosis/ SEX HORMONES/ TEMPORAL LOBE, injuries/ TRANSVESTISM

1196. **Fried K, Feinmesser M, Tsitsianov J:** Hearing impairment in female carriers of the sex-linked syndrome of deafness with albinism.
J Med Genet 6:132-4, Jun 69
ADOLESCENCE/ ADULT/ ALBINISM, complications/ *ALBINISM, familial & genetic/ AUDIOMETRY/ CHILD/ CHILD, PRESCHOOL/ DEAFNESS, complications/ *DEAFNESS, familial & genetic/ FEMALE/ *HEARING DISORDERS, familial & genetic/ HUMAN/ MALE/ MIDDLE AGE/ PEDIGREE/ SEX CHROMOSOMES

1197. **Fried W, Kilbridge T:** Effect of testosterone and of cobalt on erythropoietin production by anephric rats.
J Lab Clin Med 74:623-9, Oct 69
ANIMAL EXPERIMENTS/ ANOXIA, blood/ BIOLOGICAL ASSAY/ BLOOD VOLUME/ BODY WEIGHT/ *COBALT, administration & dosage/ *ERYTHROPOIETIN, biosynthesis/ FEMALE/ IRON ISOTOPES/ KIDNEY, physiology/ NEPHRECTOMY/ RATS/ *TESTOSTERONE, administration & dosage

1198. **Friedman M:** The duration of action of the synthetic pentacosapeptide D-serine-1-norleucine-4-valinamide-25-beta-1-25-corticotrophin (DW-75) in man.
Experientia 25:416-9, 15 Apr 69
ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, secretion/ ADULT/ ANIMAL EXPERIMENTS/ CLINICAL RESEARCH/ *CORTICOSTERONE, blood/ *CORTICOSTERONE, urine/ CORTICOTROPIN, administration & dosage/ *CORTICOTROPIN, pharmacodynamics/ FREEZE DRYING/ HUMAN/ *HYDROCORTISONE, blood/ *HYDROCORTISONE, urine/ PEPTIDES, administration & dosage/ *PEPTIDES, pharmacodynamics/ STIMULATION, CHEMICAL/ SWINE/ TIME FACTORS

1199. **Friedman M, Rosenman RH, St. George S:** Adrenal response to excess corticotropin in coronary-prone men.
Proc Soc Exp Biol Med 131:1305-7, Sep 69
*ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, physiology/ ADULT/ CORONARY DISEASE/ *CORTICOTROPIN, pharmacodynamics/ CORTICOTROPIN, secretion/ DIATHESIS/ DRIVE/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, urine/ MALE/ METYRAPONE, pharmacodynamics/ MIDDLE AGE/ PITUITARY-ADRENAL SYSTEM/ STIMULATION, CHEMICAL/ STRESS, PSYCHOLOGIC

1200. **Friedman RM, Pastan I:** Interferon and cyclic-3'5'-adenosine monophosphate: potentiation of antiviral activity.
Biochem Biophys Res Commun 36:735-40, 22 Aug 69
*ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ ANTIVIRAL AGENTS, pharmacodynamics/ CHICK EMBRYO/ DRUG SYNERGISM/ FIBROBLASTS, drug effects/ *INTERFERON, pharmacodynamics/ SEMLIKI FOREST VIRUS, drug effects/ TISSUE CULTURE

1201. **Friend LA, Browne RM:** Tissue reactions to some root filling materials implanted in the bone of rabbits.

Arch Oral Biol 14:629-38, Jun 69
ANIMAL EXPERIMENTS/ *BONE AND BONES, drug effects/ DENTAL AMALGAM, toxicity/ *DENTAL MATERIALS, toxicity/ EPOXY RESINS, toxicity/ INFLAMMATION, chemically induced/ NECROSIS, chemically induced/ POLYVINYLS, toxicity/ RABBITS/ RESINS, toxicity/ ZINC OXIDE-EUGENOL CEMENT, toxicity/ ZINC PHOSPHATE CEMENT, toxicity

1202. **Fritel D, Fendler JP:** Le traitement de l'hypertension artérielle par les diurétiques.
Sem Ther 43:381-4, Jun-Jul 67 **(Fre)**
AMIDES, therapeutic use/ CHLORTHALIDONE, therapeutic use/ CLOPAMIDE, therapeutic use/ *DIURETICS, therapeutic use/ ETHACRYNIC ACID, therapeutic use/ FUROSEMIDE, therapeutic use/ HUMAN/ *HYPERTENSION, drug therapy/ SPIRONOLACTONE, therapeutic use

1203. **Fritjofsson A, Aurell M:** Bilateral renal clearance. Technical problems and the effect of ureteric catheterization on renal function.
Scand J Urol Nephrol 2:103-8, 1968
CHRONIC DISEASE/ FEMALE/ HUMAN/ HYDRONEPHROSIS, physiopathology/ KIDNEY, abnormalities/ KIDNEY, injuries/ KIDNEY, metabolism/ *KIDNEY, physiopathology/ KIDNEY DISEASES, physiopathology/ KIDNEY FUNCTION TESTS/ KIDNEY NEOPLASMS, physiopathology/ MALE/ PYELONEPHRITIS, physiopathology/ RETROPERITONEAL FIBROSIS, physiopathology/ TESTICULAR NEOPLASMS, physiopathology/ TUBERCULOSIS, RENAL, physiopathology/ TUBERCULOSIS, UROGENITAL, physiopathology/ *URINARY CATHETERIZATION

1204. **Frost HM:** Tetracycline-based histological analysis of bone remodeling.
Calcif Tissue Res 3:211-37, 1969 (41 ref.)
ANIMAL EXPERIMENTS/ BONE AND BONES, metabolism/ BONE DISEASES, metabolism/ *BONE REGENERATION/ *BONE RESORPTION/ CALCIFICATION, PHYSIOLOGIC/ HISTOCYTOCHEMISTRY/ HUMAN/ KINETICS/ REVIEW/ *TETRACYCLINE, diagnostic use

1205. **Frost HM, Vilanueva AR, Jett S, et al:** Tetracycline-based analysis of bone remodelling in osteopetrosis. Clin Orthop 65:203-17, Jul-Aug 69
ADULT/ BIOPSY/ BONE AND BONES, cytology/ BONE AND BONES, physiopathology/ *BONE DEVELOPMENT/ *BONE REGENERATION/ *BONE RESORPTION/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ FEMUR, radiography/ HAND, radiography/ HUMAN/ INFANT/ MALE/ *OSTEOPETROSIS/ OSTEOPETROSIS, radiography/ RIBS, pathology/ TETRACYCLINE/ TIBIA, radiography

1206. **Fujii H, Maruo S, Suzuki K:** [Experiences in realignment osteotomy for skeletal system diseases]
Orthop Surg (Tokyo) 20:869-78, Jun 69 **(Jap)**
*ACHONDROPLASIA, surgery/ ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ *ECCENTRO-OSTEOCHONDRODYSPLASIA/ FEMALE/ HUMAN/ MALE/ *OSTEOGENESIS IMPERFECTA, surgery/ *OSTEOTOMY/ *RICKETS, surgery

1207. **Fujii K:** [Advances and problems of prolactin measurement]
Clin Endocr (Tokyo) 17:239-43, Apr 69 (17 ref.) **(Jap)**
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CORPUS LUTEUM/ CROP, AVIAN/ HUMAN/ MAMMAE/ METHODS/ MICE/ PIGEONS/ PROLACTIN, analysis/ RABBITS/ RADIOIMMUNOASSAY/ RATS/ REVIEW

1208. **Fujii S, Okuda H:** [Action mechanism of ACTH]
Jap J Clin Med 27:1422-5, May 69 **(Jap)**
ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ *CORTICOTROPIN, physiology/ FATTY ACIDS, metabolism/ LIPASE, metabolism/ RATS

1209. **Fujii T, Villee CA:** Partial characterization of the RNA stimulating growth of the seminal vesicle.
Proc Nat Acad Sci USA 62:836-43, Mar 69
ANIMAL EXPERIMENTS/ BILE ACIDS AND SALTS/ CASTRATION/ CENTRIFUGATION, DENSITY GRADIENT/ DETERGENTS/ DEXTRAN/ FEMALE/ LIVER/ MALE/ METHODS/ ORGAN WEIGHT/ POLYNUCLEOTIDES, pharmacodynamics/ PROTEINS, biosynthesis/ RATS/ *RNA, pharmacodynamics/ SEMINAL VESICLES, anatomy & histology/ *SEMINAL VESICLES, drug effects/ SULFATES/ TESTIS, physiology/ TESTOSTERONE, pharmacodynamics/ URACIL NUCLEOTIDES, pharmacodynamics

1210. **Fujii Y, Nakajima S, Matsuoka A, et al:** [Studies on the constituents of Fossilia ossis mastodi. I]
J Pharm Soc Jap 89:1024-7, Jul 69 **(Jap)**
*BONE AND BONES, analysis/ CHROMATOGRAPHY/ ENGLISH ABSTRACT/ ETHYL ETHER/ FATTY ACIDS, analysis/ *MEDICINE, ORIENTAL/ *PALEONTOLOGY/ SPECTRUM ANALYSIS

1211. **Fujimori M:** [Clinical study of goiter (with normal thyroid function) in children, with special reference to chronic thyroititis in children]
Acta Paediat Jap 73:223-35, 1 Feb 69 **(Jap)**
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ FEMALE/ *GOITER/ HUMAN/ INFANT/ MALE/ THYROID GLAND FUNCTION TESTS/ THYROID HORMONES, biosynthesis/ *THYROIDITIS

1212. **Fujita H:** [Ultrastructure of the capillary wall and connective tissue of the anterior pituitary gland]
Clin Endocr (Tokyo) 17:493-501, Jun 69 **(Jap)**
ANIMAL EXPERIMENTS/ BASEMENT MEMBRANE/ *CAPILLARIES, cytology/ CHICKENS/ *CONNECTIVE TISSUE CELLS/ INJECTIONS/ LYSOSOMES/ MICROSCOPY, ELECTRON/ *PITUITARY GLAND, cytology/ RABBITS/ RATS/ STAINS AND STAINING/ TIME FACTORS

1213. **Fujita H, Honma Y:** Iodine metabolism of the endostyle of larval lampreys, Ammocoetes of Lampetra japonica. Electron microscopic autoradiography of 125-I. Z Zellforsch 98:525-37, 1969
ANIMAL EXPERIMENTS/ CYCLOSTOMES, cytology/ *CYCLOSTOMES, metabolism/ INJECTIONS, INTRAPERITONEAL/ *IODINE, metabolism/ IODINE ISOTOPES/ MICROSCOPY, ELECTRON/ RADIOAUTOGRAPHY/ THYROGLOBULIN, metabolism/ THYROID GLAND, metabolism

1214. **Fujita T, Ohata M, Orimo H, et al:** Enzymatic hydrolysis of 125I-labeled parathyroid hormone.
Endocr Jap 16:383-9, Jun 69
ANIMAL EXPERIMENTS/ ARGININE, pharmacodynamics/ CATTLE/ CHLOROMERCURIBENZOATES, pharmacodynamics/ COBALT, pharmacodynamics/ EDTA, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ IODINE, metabolism/ IODINE ISOTOPES/ IODOACETATES, pharmacodynamics/ IRON, pharmacodynamics/ *KIDNEY, enzymology/ LYSINE, pharmacodynamics/ MANGANESE, pharmacodynamics/ MERCAPTOETHANOL, pharmacodynamics/ NICOTINE, pharmacodynamics/ *PARATHYROID HORMONE, metabolism/ PHENYLALANINE, pharmacodynamics/ PITUITARY GLAND, enzymology/ PUROMYCIN, pharmacodynamics/ SEROTONIN, pharmacodynamics/ TRICHLOROACETIC ACID, pharmacodynamics

1215. **Fujita T, Orimo H, Ota M, et al:** [Treatment of hypoparathyroidism]
Jap J Clin Med 27:1477-82, May 69 **(Jap)**
ADULT/ CALCIUM, blood/ COMPARATIVE STUDY/ DIHYDROTACHYSTEROL, therapeutic use/ FEMALE/ HUMAN/

HYPOPARATHYROIDISM, drug therapy/ *HYPOPARATHYROIDISM, therapy/ MALE/ MIDDLE AGE/ SEX FACTORS/ VITAMIN D, therapeutic use

1216. **Fujiwara M, Tanaka M, Takahashi K:** [Hepatitis in the aged and parotin]
Clin Endocr (Tokyo) 17:453-6, May 69 (Jap)
ACUTE DISEASE/ ADULT/ AGE FACTORS/ CHRONIC DISEASE/ FEMALE/ *HEPATITIS, drug therapy/ *HORMONES, therapeutic use/ HUMAN/ JAUNDICE, complications/ LIVER FUNCTION TESTS/ MALE/ MIDDLE AGE/ *PAROTID GLAND/ SEX FACTORS/ TIME FACTORS

1217. **Fukaura S, Yoshida H, Sakano T, et al:** [A case of chorioepithelioma malignum in a man with abdominal distention as a chief complaint]
Jap J Clin Med 27:636-9, Mar 69 (Jap)
ABDOMEN/ ADULT/ *CHORIOCARCINOMA/ DILATATION/ HUMAN/ MALE/ NEOPLASM METASTASIS/ *TESTICULAR NEOPLASMS

1218. **Fukuda T, Hata N, Okuma H:** Increased resistance to epinephrine infusion in endotoxin-tolerant state.
Jap J Physiol 19:143-8, 15 Apr 69
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ BLOOD SUGAR, analysis/ DOGS/ *DRUG TOLERANCE/ *ENDOTOXINS, pharmacodynamics/ EPINEPHRINE, blood/ *EPINEPHRINE, pharmacodynamics/ GLUCOCORTICOIDS, pharmacodynamics/ INJECTIONS, INTRAVENOUS/ *SHOCK, TOXIC, physiopathology/ TIME FACTORS

1219. **Fukuda T, Okuma H:** Prevention of anaphylactoid reaction by glucocorticoid and endotoxin-conditioning.
Jap J Physiol 19:342-9, 15 Jun 69
*ADAPTATION, PHYSIOLOGICAL/ ADRENALECTOMY/ ANAPHYLAXIS, chemically induced/ *ANAPHYLAXIS, prevention & control/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ CAPILLARY PERMEABILITY, drug effects/ CORTISONE, therapeutic use/ DEXAMETHASONE, therapeutic use/ DOGS/ *ENDOTOXINS, therapeutic use/ *GLUCOCORTICOIDS, therapeutic use/ HISTAMINE, analysis/ HISTAMINE, blood/ HISTAMINE LIBERATION, drug effects/ INJECTIONS, INTRAVENOUS/ INJECTIONS, SUBCUTANEOUS/ LEUKOCYTE COUNT/ LIVER, analysis/ POLYVINYLPYRROLIDONE/ POLYVINYLPYRROLIDONE, administration & dosage

1220. **Fukukei I:** [Key points of hemostasis. 4]
Surg Ther (Osaka) 20:455-62, Apr 69 (Jap)
ADULT/ EXTRACORPOREAL CIRCULATION/ *HEMOSTASIS/ HUMAN/ MALE/ METHODS/ PERICARDITIS, CONSTRICTIVE, surgery/ POSTURE/ THYROIDECTOMY

1221. **Fukunaga S, Yamakawa M, Oshima H, et al:** [Hemorrhage of the digestive tract as the direct cause of death in liver chirrhosis and effect of diuretics]
Iryo 23:510-5, Apr 69 (Jap)
*DIURETICS, therapeutic use/ ENGLISH ABSTRACT/ GLUCOCORTICOIDS, therapeutic use/ *HEMORRHAGE, GASTROINTESTINAL, complications/ HEMORRHAGE, GASTROINTESTINAL, mortality/ HUMAN/ JAPAN/ *LIVER CIRRHOSIS, complications/ LIVER CIRRHOSIS, drug therapy/ LIVER CIRRHOSIS, mortality

1222. **Fukushima DK, Bradlow HL, Hellman L, et al:** Further studies of cortisol production rate.
J Clin Endocr 29:1042-5, Aug 69
*ADRENAL GLANDS, metabolism/ ADRENAL GLANDS, secretion/ CARBON ISOTOPES/ CHROMATOGRAPHY, PAPER/ CRYSTALLIZATION/ HUMAN/ *HYDROCORTISONE, biosynthesis/ 17-HYDROXYCORTICOSTEROIDS, isolation & purification/ *17-HYDROXYCORTICOSTEROIDS, urine/ PREGNANES, isolation & purification/ *PREGNANES, urine/ PREGNANETRIOL, isolation & purification/ *PREGNANETRIOL, urine/ SECRETORY RATE/ TRITIUM

1223. **Fukushima DK, Hellman L, Gallagher TF:** Reproducibility of a double isotope derivative analysis for cortisol metabolites.
Steroids 14:1-5, Jul 69
CARBON ISOTOPES/ CRYSTALLIZATION/ HUMAN/ HYDROCORTISONE, metabolism/ *HYDROCORTISONE, urine/ METHODS/ TRITIUM

1224. **Fukushima H, Aono S, Nakatani H:** [Cholesterol-lowering effects of amide derivatives of linoleic acid in chickens and mice]
J Pharm Soc Jap 89:857-62, Jun 69 (Jap)
*AMIDES, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ANTICHOLESTEREMIC AGENTS, pharmacodynamics/ CHICKENS/ CHOLESTEROL, analysis/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ ESTRADIOL/ *HYPERLIPEMIA/ *LINOLEIC ACID, pharmacodynamics/ LIPIDS, metabolism/ LIVER, analysis/ MICE/ SURFACE-ACTIVE AGENTS

1225. **Fumagalli R, Smith ME, Urna G, et al:** The effect of hypocholesteremic agents on myelinogenesis.
J Neurochem 16:1329-39, Sep 69
AGE FACTORS/ ANDROSTERONE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTICHOLESTEREMIC AGENTS, administration & dosage/ *ANTICHOLESTEREMIC AGENTS, pharmacodynamics/ BODY WEIGHT/ BRAIN CHEMISTRY, drug effects/ BUTYRATES, pharmacodynamics/ CHROMATOGRAPHY, GAS/ INTUBATION, GASTROINTESTINAL/ MEMBRANES, analysis/ MYELIN SHEATH, analysis/ MYELIN SHEATH, drug effects/ *MYELIN SHEATH, growth & development/ ORGAN WEIGHT/ RATS/ SPINAL CORD, analysis/ SPINAL CORD, drug effects/ STEROLS, analysis/ STOMACH

1226. **Furutama H:** [Studies on male infertility. II. Studies on antigen-antibody reaction in the testis: histological changes of the testis in active and reversed anaphylaxis] Acta Urol Jap 15:360-74, May 69 (Jap)
*ANAPHYLAXIS, pathology/ ANIMAL EXPERIMENTS/ *ANTIGEN-ANTIBODY REACTIONS/ CATTLE/ ERYTHROCYTES, immunology/ GUINEA PIGS/ IMMUNE SERUMS/ MALE/ ORCHITIS, etiology/ PREGNANCY/ RABBITS/ *STERILITY, MALE, etiology/ *TESTIS, immunology/ TESTIS, pathology

1227. **Furuya T:** Metabolic products and their chemical regulations in plant tissue cultures.
Kitasato Arch Exp Med 41:47-63, Jun 68 (79 ref.)
ALKALOIDS, biosynthesis/ AMINO ACIDS, biosynthesis/ BIOLOGICAL PRODUCTS/ IN VITRO/ PIGMENTS, biosynthesis/ *PLANTS, metabolism/ REGENERATION/ REVIEW/ STEROIDS, biosynthesis/ *TISSUE CULTURE

G

1228. **Gabbiani G, Majno G:** Endothelial microvilli in the vessels of the rat gasserian ganglion and testis.
Z Zellforsch 97:111-7, 1969
ANIMAL EXPERIMENTS/ *BLOOD VESSELS, cytology/ CAPILLARIES, cytology/ HISTOLOGICAL TECHNICS/ MALE/ MICROSCOPY, ELECTRON/ RATS/ *TESTIS, blood supply/ TESTIS, cytology/ *TRIGEMINAL NERVE, blood supply/ TRIGEMINAL NERVE, cytology

1229. **Gábor M, Antal A, Dirner Z:** Die Wirkung von Serotonin auf die Veränderung der Capillarresistenz der Haut und des Dünndarmes der Ratte.
Arzneimittelforschung 19:1030, Jun 69 (Ger)
ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ BODY TEMPERATURE, drug effects/ *CAPILLARY RESISTANCE, drug effects/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ FEMALE/ *INTESTINE, SMALL, blood supply/ RATS/ *SEROTONIN,

pharmacodynamics/ *SKIN, blood supply/ STIMULATION, CHEMICAL

1230. Gabriel-Jürgens P, Reinauer H, Hollmann S: Uber den Einbau von Thiamin (Thiazol-2-14C) und 4-Methyl-5-(2-chloräthyl)-thiazol-2-14C in die Organe von normalen und Thiaminmangelratten.
Int Z Vitaminforsch 38:482-96, 1968 (Ger)
ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ BRAIN CHEMISTRY/ CHLORMETHIAZOLE, analysis/ CHLORMETHIAZOLE, blood/ *CHLORMETHIAZOLE, metabolism/ CHLORMETHIAZOLE, urine/ ENGLISH ABSTRACT/ INTESTINE, SMALL, analysis/ KIDNEY, analysis/ KIDNEY, enzymology/ LIVER, analysis/ LIVER, enzymology/ LUNG, analysis/ MALE/ MUSCULOSKELETAL SYSTEM, analysis/ MYOCARDIUM, analysis/ RATS/ SPLEEN, analysis/ TESTIS, analysis/ THIAMINE, analysis/ THIAMINE, blood/ *THIAMINE, metabolism/ THIAMINE, urine/ *THIAMINE DEFICIENCY, metabolism/ THYMUS GLAND, analysis/ TRANSFERASES, analysis

1231. Gachev EP: Changes in the milk secretion upon dehydration. Dokl Bolg Akad Nauk 22:475-7, 1969
ANIMAL EXPERIMENTS/ *DEHYDRATION, chemically induced/ *DIURETICS, pharmacodynamics/ FEMALE/ *LACTATION, drug effects/ *MILK, secretion/ RABBITS

1232. Gądzikiewicz I, Dominiczak K: Badania histologiczne niektórych narządów miąższowych świnek morskich eksponowanych na działanie dymów spawalniczych przy zastosowaniu elektrod typu EP47-28P.
Roczn Pom Akad Med Swierczewski 14:171-5, 1968 (Pol)
*ADRENAL GLANDS, pathology/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ GUINEA PIGS/ *KIDNEY, pathology/ *LIVER, pathology/ *SPLEEN, pathology/ *WELDING

1233. Gaidano GP, Molino G, Perrotti L, et al: Modalita' di impiego della bis-trimetil-silil-acetamide (BSA) nella formazione di derivati termostabili di corticosteroidi.
Boll Soc Ital Biol Sper 44:1494-7, 30 Sep 68 (Ita)
*ADRENAL CORTEX HORMONES/ CHEMISTRY, PHARMACEUTICAL

1234. Gairard A, Marnay-Gulat C, Raoul Y: Influence de la surrénalectomie sur l'excrétion urinaire de divers ions au cours de la contrainte ulcérogène du Rat.
C R Soc Biol (Paris) 162:1898-901, May 69 (Fre)
*ADRENAL GLANDS, physiology/ ADRENALECTOMY/ AGGRESSION/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ CALCIUM, urine/ CHLORIDES, urine/ CREATININE, urine/ FECES, analysis/ NATRIURESIS/ *PEPTIC ULCER, etiology/ PHOSPHORUS, urine/ POTASSIUM, urine/ RATS/ *STRESS, PSYCHOLOGIC/ *WATER-ELECTROLYTE BALANCE

1235. Gajdusek DC, Rogers NG, Basnight M, et al: Transmission experiments with kuru in chimpanzees and the isolation of latent viruses from the explanted tissues of affected animals.
Ann NY Acad Sci 162:529-50, 3 Jul 69
ADENOVIRUS, isolation & purification/ ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ *APES/ BRAIN, microbiology/ CARNIVORA/ GUINEA PIGS/ HEMAGGLUTINATION INHIBITION TESTS/ HORSES/ HUMAN/ KIDNEY, microbiology/ KURU, immunology/ *KURU, microbiology/ NEUTRALIZATION TESTS/ RABBITS/ REOVIRUS, isolation & purification/ SPLEEN, microbiology/ THYMUS GLAND, microbiology/ THYROID GLAND, microbiology/ TISSUE CULTURE/ *VIRUSES, isolation & purification

1236. Galantay E, Weber HP: Synthese von (plus or minus)-B-Homoöstron.
Experientia 25:571-2, 15 Jun 69 (Ger)
ENGLISH ABSTRACT/ *ESTRONE/ *HOMOSTEROIDS, chem synthesis/ STEREOISOMERS/ X-RAY DIFFRACTION

1237. Galassi L: Regolazione da parte degli estrogeni e progesterone della sintesti del DNA nell'epitelio dell'utero del ratto.
Arch Ital Anat Embriol 73:379-90, 1968 (Ita)
ANIMAL EXPERIMENTS/ CASTRATION/ *DNA, biosynthesis/ ENGLISH ABSTRACT/ EPITHELIUM/ *ESTROGENS, pharmacodynamics/ FEMALE/ *PROGESTERONE, pharmacodynamics/ RATS/ *UTERUS, metabolism

1238. Galązka A, Doktorczyk H, Ujec M: Przebieg ciąży w rzekomej niedoczynności przytarczyc.
Przegl Lek 25:602-3, 1969 (Pol)
ADULT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ *PSEUDOHYPOPARATHYROIDISM, complications/ *TETANY, complications

1239. Galdiero F, Tufano MA: Ca nella crescita e termoresistenza di Bacillus stearothermophilus.
Riv Ist Sieroter Ital 43:323-7, Nov-Dec 68 (Ita)
*BACILLUS, growth & development/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ CULTURE MEDIA/ *TEMPERATURE

1240. Galera H, Mesonero I, Santos A, et al: Neurofibromatosis y feocromacitoma.
Rev Clin Esp 111:165-8, 31 Oct 68 (Spa)
ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MIDDLE AGE/ *NEUROFIBROMATOSIS, complications/ NEUROFIBROMATOSIS, diagnosis/ PEDIGREE/ *PHEOCHROMOCYTOMA, complications/ PHEOCHROMOCYTOMA, diagnosis/ PULMONARY EMBOLISM, complications

1241. Gall SA, Bourgeois CH, Maguire R: The morphologic effects of oral contraceptive agents on the cervix.
JAMA 207:2243-7, 24 Mar 69
BIOPSY/ *CERVIX UTERI, drug effects/ *CONTRACEPTIVES, ORAL, adverse effects/ *ESTROGENS, pharmacodynamics/ ETHINYL ESTRADIOL, pharmacodynamics/ ETHYNODIOL DIACETATE, pharmacodynamics/ FEMALE/ HUMAN/ HYPERPLASIA/ MESTRANOL, pharmacodynamics/ MITOSIS/ NORETHINDRONE, pharmacodynamics/ NORETHYNODREL, pharmacodynamics/ *PROGESTATIONAL HORMONES, pharmacodynamics/ PROSPECTIVE STUDIES

1242. Gallagher NI, Warnecke MA, Zimmer MJ: Effect of testosterone enanthate (NSC-1759) on erythropoiesis in irradiated mice given marrow transfusions.
Cancer Chemother Rep 52:627-30, Oct 68
ANIMAL EXPERIMENTS/ *BONE MARROW CELLS/ ERYTHROCYTES, metabolism/ *ERYTHROPOIESIS, drug effects/ *ERYTHROPOIESIS, radiation effects/ FEMALE/ IRON ISOTOPES, metabolism/ MICE/ *RADIATION EFFECTS/ SPLEEN, metabolism/ *TESTOSTERONE, pharmacodynamics

1243. Gal'tsova RD, Liapunova TS: Vliianie etanola na biosintez sterinov drozhzhevymi organizmami.
Mikrobiologiia 37:672-5, Jul-Aug 68 (Rus)
*ALCOHOL, ETHYL, metabolism/ ENGLISH ABSTRACT/ RADIATION EFFECTS/ *SACCHAROMYCES, metabolism/ SACCHAROMYCES, radiation effects/ VITAMIN D, biosynthesis

1244. Galzigna L: Interaction chimique entre nor-adrénochrome et acétylcholine.
C R Acad Sci [D] (Paris) 268:2498-500, 19 May 69 (Fre)
*ACETYLCHOLINE/ *ADRENOCHROME/ ASCORBIC ACID/ CHEMISTRY/ NOREPINEPHRINE/ OXIDATION-REDUCTION/ SPECTROPHOTOMETRY/ SPECTRUM ANALYSIS

1245. Gamaleia NF, Shishko ED: Prizhiznennoe izuchenie povrezhdeniia kletok tkanevykh kul'tur pod deĭstviem nekotorykh preparatov iz gruppy khlorétilaminov. Tsitologiia 10:1561-8, Dec 68 (Rus)
*CYCLOPHOSPHAMIDE, pharmacodynamics/

CYTOPLASM, drug effects/ ENDOPLASMIC RETICULUM, drug effects/ ENGLISH ABSTRACT/ *ETHYLAMINES, pharmacodynamics/ HUMAN/ HYDROCORTISONE, pharmacodynamics/ *MELPHALAN, pharmacodynamics/ MICROSCOPY, FLUORESCENCE/ MICROSCOPY, PHASE CONTRAST/ MITOCHONDRIA, drug effects/ NEOPLASMS, EXPERIMENTAL/ TISSUE CULTURE

1246. **Gambardella P**: Sul carcinoma tiroideo primitivo della base della lingua. Chir Ital 20:286-99, Apr 68 (Ita)
*ADENOCARCINOMA, pathology/ ADENOCARCINOMA, radiotherapy/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ NECK NEOPLASMS, radiotherapy/ NEOPLASM METASTASIS/ *THYROID GLAND, abnormalities/ *TONGUE NEOPLASMS, pathology

1247. **Gambier R**: Rilievi ematochimici e considerazioni patogenetiche in un caso di psicosi da cortisonici.
G Psichiat Neuropat 96:519-33, 1968 (Ita)
ADULT/ BLOOD CHEMICAL ANALYSIS/ *CORTISONE, adverse effects/ CORTISONE, therapeutic use/ FEMALE/ HUMAN/ PEMPHIGUS, drug therapy/ *PSYCHOSES, TOXIC, etiology/ *WATER-ELECTROLYTE BALANCE

1248. **Gann DS**: Parameters of the stimulus initiating the adrenocortical response to hemorrhage.
Ann NY Acad Sci 156:740-55, 21 Apr 69
*ADRENAL GLANDS, physiopathology/ ANIMAL EXPERIMENTS/ CORTICOTROPIN, pharmacodynamics/ DEXTRAN, pharmacodynamics/ DOGS/ *HEMORRHAGE, physiopathology/ *HYDROCORTISONE, secretion/ INJECTIONS, INTRAVENOUS/ MODELS, BIOLOGIC/ SYSTEMS ANALYSIS

1249. **Gans H, Stern R, Lillehei CW**: Studies on the endocytosis of proteins. Brit J Surg 56:694, Sep 69
ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ DOGS/ HEPATECTOMY/ IODINE, blood/ IODINE ISOTOPES/ LIVER, metabolism/ *PHAGOCYTOSIS/ PINOCYTOSIS/ *THROMBIN, metabolism

1250. **Ganser F**: Erfahrungen mit Ovaribran beim Menopausensyndrom.
Med Mschr 23:184-6, Apr 69 (Ger)
*ESTROGENS, therapeutic use/ FEMALE/ HUMAN/ *MENOPAUSE, drug effects/ MIDDLE AGE/ *TRANQUILIZING AGENTS, therapeutic use

1251. **Garay EA, Piccaluga A, Perez V, et al**: Acute cholestasis in the rat.
Acta Hepatospien (Stuttgart) 16:221-30, Jul-Aug 69
ACUTE DISEASE/ ALKALINE PHOSPHATASE, analysis/ AMINOTRANSFERASES, analysis/ AMINOTRANSFERASES, blood/ ANIMAL EXPERIMENTS/ BILE, analysis/ BILE DUCTS, surgery/ BILIARY TRACT DISEASES, chemically induced/ BILIARY TRACT DISEASES, enzymology/ BILIARY TRACT DISEASES, etiology/ *BILIARY TRACT DISEASES, metabolism/ BILIRUBIN, analysis/ *BILIRUBIN, metabolism/ CHOLESTEROL, analysis/ CHROMATOGRAPHY, PAPER/ COLORIMETRY/ FECES, analysis/ INTESTINAL ABSORPTION/ LIPIDS, analysis/ LIPIDS, blood/ LIVER, analysis/ *LIVER, metabolism/ MALE/ METHODS/ RATS/ SULFOBROMOPHTHALEIN, diagnostic use/ THIOCYANATES

1252. **Garay ER, Piccaluga A, Perez V, et al**: Colestasis aguda inducida por el alfa-naftilisotiocianato y la ligadura del colédoco en la rata.
Rev Esp Enferm Apar Dig 26:1079-85, Nov 67 (Spa)
ACUTE DISEASE/ ANIMAL EXPERIMENTS/ BILIARY TRACT, metabolism/ *COMMON BILE DUCT, drug effects/ *JAUNDICE, OBSTRUCTIVE, chemically induced/ MALE/ MICE/ RATS/ *THIOCYANATES, toxicity

1253. **Garbers DL, First NL**: The effects oICI 33828 and progesterone on oestrogen-maintained corpora lutea in the sow. J Reprod Fertil 19:541-4, Aug 69
ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ *CORPUS LUTEUM, drug effects/ ESTROGENS, pharmacodynamics/ FEMALE/ *HYDRAZINES, pharmacodynamics/ *PROGESTERONE, pharmacodynamics/ SWINE/ *THIOCARBAMATES, pharmacodynamics

1254. **Gardner LI**: Variability in little people.
JAMA 209:1528, 8 Sep 69
*CLASSIFICATION/ CRETINISM, classification/ DWARFISM, classification/ HUMAN

1255. **Gardner RS, Tomkins GM**: Steroid hormone binding to a macromolecule from hepatoma tissue culture cells.
J Biol Chem 244:4761-7, 10 Sep 69
ADRENAL CORTEX HORMONES/ CARBON ISOTOPES/ CELL LINE/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, THIN LAYER/ CLONE CELLS/ *CYTOPLASM, metabolism/ ENZYME INDUCTION/ GEL FILTRATION/ *HEPATOMA/ HEPATOMA, enzymology/ HYDROCORTISONE/ HYDROXYPROGESTERONE/ *LIVER NEOPLASMS/ LIVER NEOPLASMS, enzymology/ MACROMOLECULAR SYSTEMS, analysis/ MACROMOLECULAR SYSTEMS, isolation & purification/ PROGESTERONE/ RATS/ *SEX HORMONES/ STIMULATION, CHEMICAL/ TISSUE CULTURE/ TRITIUM/ *TYROSINE AMINOTRANSFERASE, biosynthesis

1256. **Garel JM**: Dosage biologique de la parathormone chez le jeune rat de 3 jours.
C R Acad Sci [D] (Paris) 268:2932-3, 16 Jun 69 (Fre)
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ FEMALE/ HYPERCALCEMIA, chemically induced/ INJECTIONS, SUBCUTANEOUS/ METHODS/ *PARATHYROID HORMONE, analysis/ PREGNANCY/ RATS

1257. **Garina IA, Shaliapina VG**: Vliianie vvedeniia kortikosterona na soothoshenia kontsentratsiĭ natriia i kaliia vo vne- i vnutrikletochnom prostranstve skeletnykh myshts krys.
Probl Endokr (Moskva) 15:93-7, May-Jun 69 (Rus)
ANIMAL EXPERIMENTS/ *CORTICOSTERONE, pharmacodynamics/ ENGLISH ABSTRACT/ EXTRACELLULAR SPACE, analysis/ *MUSCLES, analysis/ *POTASSIUM, analysis/ RATS/ *SODIUM, analysis

1258. **Garn SM, Rohmann CG, Wagner B, et al**: Population similarities in the onset and rate of adult endosteal bone loss. Clin Orthop 65:51-60, Jul-Aug 69
ADULT/ AGE FACTORS/ AGED/ BONE AND BONES, analysis/ BONE AND BONES, anatomy & histology/ *BONE MARROW/ *BONE RESORPTION/ FEMALE/ HUMAN/ MALE/ *METACARPUS/ MIDDLE AGE/ RACIAL STOCKS/ SEX FACTORS

1259. **Garnier H, Clot JP**: Un cas de transplantation orthotopique du foie. II.
Presse Med 77:1185-8, 12 Jul 69 (Fre)
ADULT/ ANTIBIOTICS, therapeutic use/ ANTILYMPHOCYTE SERUM, administration & dosage/ AZATHIOPRINE, administration & dosage/ BLOOD COAGULATION DISORDERS/ BLOOD TRANSFUSION/ *CANDIDA, isolation & purification/ CELIAC ARTERY, radiography/ CHOLANGIOGRAPHY/ FEMALE/ FIBRINOLYSIS/ HEPATIC ARTERY, microbiology/ HEPATIC VEINS, pathology/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, administration & dosage/ JAUNDICE/ LIVER, pathology/ *LIVER, transplantation/ MESENTERIC ARTERIES, radiography/ PERICARDIAL EFFUSION, complications/ *PERICARDIAL EFFUSION, microbiology/ PREDNISONE, administration & dosage/ TRANSPLANTATION, HOMOLOGOUS

1260. **Garnier H, Sacquet E**: Absorption apparente et rétention du sodium, du potassium, du calcium et du

phosphore chez le rat axénique et chez le rat holoxénique.
C R Acad Sci [D] (Paris) 269:379-82, 1969 (Fre)
ANIMAL EXPERIMENTS/ BONE AND BONES, metabolism/ *CALCIUM, metabolism/ CALCIUM, urine/ FECES, analysis/ FEMUR, anatomy & histology/ FEMUR, metabolism/ *GERM-FREE LIFE/ INTESTINAL ABSORPTION/ *PHOSPHORUS, metabolism/ PHOSPHORUS, urine/ *POTASSIUM, metabolism/ POTASSIUM, urine/ RATS/ *SODIUM, metabolism/ SODIUM, urine

1261. **Garron DC, Vander Stoep LR:** Personality and intelligence in Turner's syndrome. A critical review.
Arch Gen Psychiat (Chicago) 21:339-46, Sep 69 (58 ref.)
HUMAN/ *INTELLIGENCE/ INTELLIGENCE TESTS/ KARYOTYPING/ *PERSONALITY/ PERSONALITY ASSESSMENT/ REVIEW/ SPATIAL BEHAVIOR/ *TURNER'S SYNDROME

1262. **Garvey HL, Melville KI:** Effects of verapamil on cardiovascular responses to lateral hypothalamic stimulation in normal and coronary-ligated dogs.
Canad J Physiol Pharmacol 47:675-84, Aug 69
ANIMAL EXPERIMENTS/ BLOOD CIRCULATION, drug effects/ BLOOD FLOW VELOCITY/ BLOOD PRESSURE, drug effects/ DOGS/ ELECTROCARDIOGRAPHY/ *HEART, drug effects/ HEART, physiology/ HEART RATE, drug effects/ *HYPOTHALAMUS, physiology/ IPROVERATRIL, pharmacodynamics/ MUSCLE CONTRACTION, drug effects/ *MYOCARDIAL DEPRESSANTS/ *NITRILES, pharmacodynamics/ *VASODILATOR AGENTS, pharmacodynamics

1263. **Gascon AL, Brodeur J, Vaillancourt M:** Influence of pretreatment with testosterone and nandrolone on the reactivity of guinea-pig isolated seminal vesicles to angiotensin and tyramine.
J Pharm Pharmacol 21:325-6, May 69
*ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ DRUG SYNERGISM/ GUINEA PIGS/ IN VITRO/ *NANDROLONE, pharmacodynamics/ *SEMINAL VESICLES, drug effects/ *TESTOSTERONE, pharmacodynamics/ TIME FACTORS/ *TYRAMINE, pharmacodynamics

1264. **Gasilin VS, Koren' VS, Petrusenko NM, et al:** Vliianie fizicheskoĭ nagruzki na funktsional'noe sostoianie serdtsa pri koronarnoĭ patologii.
Kardiologiia 9:67-73, Apr 69 (Rus)
ADULT/ ANIMAL EXPERIMENTS/ BALLISTOCARDIOGRAPHY/ *CORONARY DISEASE, physiopathology/ CORONARY DISEASE, prevention & control/ CORONARY VESSELS, drug effects/ DOGS/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ EPINEPHRINE, pharmacodynamics/ EXERCISE THERAPY/ *EXERTION/ *HEART/ HEART, drug effects/ HEART FUNCTION TESTS/ HUMAN/ HYPERTENSION, therapy/ METHODS/ MIDDLE AGE/ MYOCARDIAL INFARCT, therapy/ PHONOCARDIOGRAPHY/ PITUITARY HORMONES, POSTERIOR, pharmacodynamics

1265. **Gáspárdy G, Lörincz G, Bálint G:** Ergebnisse der Behandlung der experimentellen Arthritis mit einer Neodym-Verbindung.
Z Rheumaforsch 28:231-40, May-Jun 69 (Ger)
ACUTE DISEASE/ ANIMAL EXPERIMENTS/ ARTHRITIS, chemically induced/ *ARTHRITIS, drug therapy/ ARTHRITIS, pathology/ CATECHOL, therapeutic use/ CHRONIC DISEASE/ CROTON OIL/ ENGLISH ABSTRACT/ FEMALE/ KIDNEY, pathology/ LIVER, pathology/ MALE/ MYOCARDIUM, pathology/ *NEODYMIUM, therapeutic use/ PREDNISOLONE/ RATS/ SPLEEN, pathology

1266. **Gáspardy G Jr, Rácz E, Vértes P, et al:** Ungewöhnlicher morphologischer Befund im Knochenmarkausstrich von Kranken mit Hypernephrom und thyreogenem Adenokarzinom.
Folia Haemat (Leipzig) 91:413-9, 1969 (Ger)
ADENOCARCINOMA, pathology/ AGED/ AMYLOID/ BONE MARROW EXAMINATION/ ENGLISH ABSTRACT/ HISTOCYTOCHEMISTRY/ HUMAN/ *KIDNEY NEOPLASMS, pathology/ MALE/ PLASMA CELLS, cytology/ *THYROID NEOPLASMS, pathology

1267. **Gatti RA, Platt N, Pomerance HH, et al:** Hereditary lymphopenic agammaglobulinemia associated with a distinctive form of short-limbed dwarfism and ectodermal dysplasia. J Pediat 75:675-84, Oct 69
AGAMMAGLOBULINEMIA, complications/ *AGAMMAGLOBULINEMIA, familial & genetic/ BLOOD TRANSFUSION, adverse effects/ BONE AND BONES, pathology/ BONE MARROW, pathology/ DWARFISM, complications/ *DWARFISM, familial & genetic/ DWARFISM, radiography/ ECTODERMAL DYSPLASIA, complications/ *ECTODERMAL DYSPLASIA, familial & genetic/ FEMALE/ GASTROINTESTINAL SYSTEM, pathology/ GENES, RECESSIVE/ HOMOLOGOUS WASTING DISEASE, etiology/ HUMAN/ INFANT/ INFANT, NEWBORN/ LEUKOPENIA, complications/ *LEUKOPENIA, familial & genetic/ LIVER, pathology/ LUNG, pathology/ LYMPH NODES, pathology/ *LYMPHOCYTES/ MALE/ SKIN, pathology/ SPLEEN, pathology/ THYMUS GLAND, pathology

1268. **Gaudray A, Rey P:** Contribution à l'étude des cellules de Stilling chez Rana esculenta L.
J Physiol (Paris) 60:Suppl 2:447, 1968 (Fre)
*ADRENAL GLANDS, cytology/ ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CELL NUCLEUS/ CORTICOTROPIN, pharmacodynamics/ FROGS/ METYRAPONE, pharmacodynamics/ STAINS AND STAINING

1269. **Gaye P, Denamur R:** Acides ribonucléiques et polyribosomes de la glande mammaire de la lapine au cours de la lactogénèse induite par la prolactine.
Biochim Biophys Acta 186:99-109, 22 Jul 69 (Fre)
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CENTRIFUGATION, DENSITY GRADIENT/ DNA, metabolism/ ENGLISH ABSTRACT/ FEMALE/ LACTATION, drug effects/ LACTOSE, metabolism/ LEUCINE, metabolism/ MAMMAE, drug effects/ MAMMAE, growth & development/ *MAMMAE, metabolism/ MAMMAE, secretion/ PREGNANCY/ PROLACTIN, administration & dosage/ *PROLACTIN, pharmacodynamics/ PROLINE, metabolism/ PROTEINS, biosynthesis/ RABBITS/ RIBOSOMES, drug effects/ *RIBOSOMES, metabolism/ *RNA, metabolism/ SPECTROPHOTOMETRY/ STIMULATION, CHEMICAL/ TIME FACTORS

1270. **Gębala A, Dobrzańska A, Niedokos E, et al:** Wpływ leczniczego stosowania estrogenów na obraz morfologiczny jąder granulocytów obojętnochłonnych.
Pol Tyg Lek 24:991-3, 30 Jun 69 (Pol)
*CELL NUCLEUS, drug effects/ ENGLISH ABSTRACT/ *ESTROGENS, therapeutic use/ HUMAN/ MALE/ *NEUTROPHILS, drug effects/ PROSTATIC NEOPLASMS, blood/ *PROSTATIC NEOPLASMS, drug therapy/ PROSTATIC NEOPLASMS, surgery

1271. **Gecow A, Jędrzejewska K, Moszyński B:** Obwodowe porażenie nerwu twarzowego w przebiegu choroby Alvers-Schönberga. Pediat Pol 44:745-7, Jun 69 (Pol)
CASE REPORT/ CHILD, PRESCHOOL/ *FACIAL PARALYSIS, etiology/ HUMAN/ MALE/ *OSTEOPETROSIS, complications

1272. **Gedda L:** La genetica della sterilità.
Acta Genet Med Gemellol (Roma) 17:543-76, Oct 68 (Ita)
ADOLESCENCE/ ADRENOGENITAL SYNDROME/ BLOOD GROUP INCOMPATIBILITY/ CONSANGUINITY/ COUNSELING/ CRYPTORCHISM/ DISEASES IN TWINS/ ENGLISH ABSTRACT/ FEMALE/

HERMAPHRODITISM/ HUMAN/ HYPOGONADISM/ HYPOSPADIAS/ KARYOTYPING/ KLINEFELTER'S SYNDROME/ LAURENCE-MOON-BIEDL SYNDROME/ MALE/ PEDIGREE/ *STERILITY, familial & genetic/ TURNER'S SYNDROME

1273. **Gehrmann G, Bleifeld W:** Lebenddauer und Abbauort menschlicher Thrombozyten bei Thrombopenien.
Haemat Bluttransfus 6:144-52, 1969 (Ger)
ACIDS/ ADOLESCENCE/ *BLOOD PLATELETS, growth & development/ CHROMIUM ISOTOPES/ CITRATES/ FEMALE/ GLUCOSE/ HUMAN/ PREDNISOLONE, pharmacodynamics/ PURPURA, THROMBOPENIC, blood/ SPLENECTOMY/ *THROMBOPENIA, blood

1274. **Geiger R, Schröder HG, Siedel W:** Synthetische Analoga des Corticotropins. Veränderung der N-terminalen Amino-Gruppe des Corticotropin (1-23)-trikosipeptid-amids.
Liebig Ann Chem 726:177-87, 1969 (Ger)
AMIDES, chem synthesis/ AMIDES, pharmacodynamics/ *CORTICOTROPIN, chem synthesis/ CORTICOTROPIN, pharmacodynamics/ ENGLISH ABSTRACT

1275. **Geisen K, Meder R:** Effekt von Wärme auf das Wachstumshormon beim Menschen.
Z Kinderheilk 106:308-13, 1969 (Ger)
ADULT/ BLOOD SUGAR, analysis/ BODY TEMPERATURE/ ENGLISH ABSTRACT/ FATTY ACIDS, NONESTERIFIED, blood/ *HEAT/ HUMAN/ HYDROCORTISONE, blood/ MALE/ PULSE/ REST/ *SOMATOTROPIN, blood

1276. **Geller J:** The role of sex hormones in problems of the mature years and beyond.
J Amer Geriat Soc 17:861-73, Sep 69
AGED/ *AGING/ ESTROGENS, analysis/ GONADOTROPINS, CHORIONIC, diagnostic use/ HUMAN/ LH, analysis/ MALE/ MIDDLE AGE/ PITUITARY GLAND, physiology/ PITUITARY GLAND FUNCTION TESTS/ PROSTATIC HYPERTROPHY, etiology/ SEX FACTORS/ *SEX HORMONES, physiology/ TESTIS, physiology/ TESTOSTERONE, analysis

1277. **Geller LI:** Stepen' vliianiia gliukozurii pri opredelenii mochevoi ékskretsii 17-oksikortikosteroidov.
Lab Delo 1:58, 1969 (Rus)
*GLYCOSURIA/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, urine

1278. **Geller LI:** K voprosu o rezistentnosti k adiurekrinu pri nesakharnom diabete.
Probl Endokr (Moskva) 13:55-6, May-Jun 67 (Rus)
ADOLESCENCE/ ADULT/ *DIABETES INSIPIDUS, drug therapy/ HUMAN/ MALE/ *PITUITARY HORMONES, POSTERIOR, therapeutic use

1279. **Geller LI:** Aktivnost' i obmen katekholaminov pri gipertireoze (obzor literatrury)
Probl Endokr (Moskva) 15:108-11, Mar-Apr 69 (115 ref.) (Rus)
ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ CATECHOLAMINES, analysis/ *CATECHOLAMINES, metabolism/ CATECHOLAMINES, urine/ DOGS/ EPINEPHRINE, blood/ HUMAN/ *HYPERTHYROIDISM, metabolism/ MYOCARDIUM, analysis/ MYOCARDIUM, metabolism/ NOREPINEPHRINE, blood/ REVIEW

1280. **Geller LI, Kozlova ZP, Meshchenko RG, et al:** Otsenka nekotorykh pokazatelei funktsional'nogo sostoianiia kory nadpochechnikov pri narushenii funktsii pecheni. Lab Delo 8:456-7, 1968 (Rus)
*CHOLECYSTITIS, urine/ *HEPATITIS, INFECTIOUS, urine/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ 17-KETOSTEROIDS, urine/ LIVER FUNCTION TESTS/ *PITUITARY-ADRENAL FUNCTION TESTS

1281. **Geller LI, Kozlova ZP:** Sutochnyi ritm ékskretsii 17-oksikortikosmeroidov pri nekotorykh zabolevaniiakh. Lab Delo 6:377-8, 1969 (Rus)
*DIABETES MELLITUS, urine/ *DUODENAL ULCER, urine/ *HEPATITIS, INFECTIOUS, urine/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, urine

1282. **Geloso JP, Dubois D:** Remarques sur l'évolution du taux des hormones thyroidiennes circulantes chez la ratte gestante. J Physiol (Paris) 60:Suppl 2:448-9, 1968 (Fre)
ANIMAL EXPERIMENTS/ DIET/ FEMALE/ GLYCEROPHOSPHATES, blood/ IODINE ISOTOPES/ IODOPROTEINS, blood/ *PREGNANCY/ RATS/ *THYROID HORMONES, blood/ THYROXINE, blood

1283. **Genazzani AR, Lemarchand-Béraud T:** The relationship between human chorionic somato-mammotropine hormone and thyrostimuline in biological and radioimmunological assays.
Experientia 25:419-20, 15 Apr 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CATTLE/ COMPARATIVE STUDY/ HUMAN/ *PLACENTAL HORMONES, blood/ *PLACENTAL HORMONES, pharmacodynamics/ PLACENTAL LACTOGEN, blood/ PLACENTAL LACTOGEN, pharmacodynamics/ PREGNANCY/ RADIOIMMUNOASSAY/ *THYROTROPIN, blood

1284. **(Genes SG):** Semen Grigor'evich Genes.
Probl Endokr (Moskva) 14:118-9, Nov-Dec 68 (Rus)
CURRENT BIOG-OBIT/ ENDOCRINOLOGY, history/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 19TH CENT./ HISTORY OF MEDICINE, 20TH CENT./ USSR

1285. **Genes SG, Lesnoi NG:** Vliianie AKTG i gliukokortikoidov na évakuatornuiu funktsiiu zheludka u sobak.
Probl Endokr (Moskva) 14:103-6, Jul-Aug 68 (Rus)
ANIMAL EXPERIMENTS/ *CORTICOTROPIN, pharmacodynamics/ *DEXAMETHASONE, pharmacodynamics/ DOGS/ *PREDNISOLONE, pharmacodynamics/ *STOMACH, drug effects

1286. **Gennaro AR, Bacon HE:** Dermatomyositis and associated lesions of the gastrointestinal tract.
Dis Colon Rectum 12:256-60, Jul-Aug 69
ADENOMA, pathology/ ADOLESCENCE/ ADULT/ AGED/ BARIUM SULFATE/ CARCINOMA, pathology/ CHILD/ CORTISONE, therapeutic use/ *DERMATOMYOSITIS, complications/ DERMATOMYOSITIS, drug therapy/ EDEMA, etiology/ ENEMA/ GASTROINTESTINAL DISEASES, complications/ *GASTROINTESTINAL NEOPLASMS, complications/ HUMAN/ INTESTINAL MUCOSA, pathology/ INTESTINAL POLYPS, radiography/ INTESTINE, SMALL, radiography/ MALE/ MIDDLE AGE/ NEOPLASMS, blood/ NEOPLASMS, complications/ POLYPS, surgery

1287. **Gennes JL de, Thervet F:** Détection d'un terrain d'hyperlipidémie familiale chez deux femmes victimes, avant l'âge de 30 ans, d'un accident vasculaire cérébral sous traitements par contraceptifs hormonaux.
Bull Acad Nat Med (Paris) 151:450-62, 20 Jun 67 (Fre)
ADULT/ *CAROTID ARTERY THROMBOSIS, etiology/ *CEREBRAL EMBOLISM AND THROMBOSIS, etiology/ *CEREBROVASCULAR DISORDERS, etiology/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ *HYPERLIPEMIA, familial & genetic/ *LYNESTRENOL, adverse effects

1288. **Genton C, Dolivo M:** Les techniques de Nauta appliquées à l'étude du cereau du mulot sylvestre.
J Physiol (Paris) 60:Suppl 2:449+, 1968 (Fre)
ANIMAL EXPERIMENTS/ AXONS/ *BRAIN, physiology/ HIPPOCAMPUS/ HYPOTHALAMUS/ LIMBIC SYSTEM/ MICE/ SILVER/ THALAMUS

1289. **Gérardy J, Quinaux N, Maeda T, et al:** Analyse des monoamines du locus coeruleus et d'autres structures cérébrales par chromatographie sur couche mince.

Arch Int Pharmacodyn 177:492-6, Feb 69 (Fre)
*AMINES, analysis/ ANIMAL EXPERIMENTS/ BRAIN CHEMISTRY/ CATTLE/ CAUDATE NUCLEUS, analysis/ *CEREBRAL VENTRICLES, analysis/ CHROMATOGRAPHY, THIN LAYER/ DOPA, analysis/ DOPAMINE, analysis/ ENGLISH ABSTRACT/ MESENCEPHALON, analysis/ NOREPINEPHRINE, analysis/ PHENYLACETATES, analysis/ RABBITS/ RATS/ SEROTONIN, analysis

1290. **Gerhard I, Stamm O:** Le traitement des aménorrhées et des oligoménorrhées par le rétrostéroide RO 4-8347.
Gynaecologia (Basel) 168:25-39, 1969 (Fre)
ADULT/ *AMENORRHEA, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MENSTRUATION/ *OVARIAN DISEASES, drug therapy/ OVULATION/ PREGNANCY/ *PROGESTATIONAL HORMONES, therapeutic use/ PROGESTERONE, secretion/ *PROGESTERONE, therapeutic use/ STEIN-LEVENTHAL SYNDROME, drug therapy/ STEREOISOMERS/ STERILITY, FEMALE, drug therapy

1291. **Gerhards E, Nieuweboer B, Richter E:** Uber Alkyl-substituierte Steroide. V. Testosteron-Ausscheidung beim Mann nach oraler Verabreichung von 1alpha-Methyl-5alpha-androstan-17beta-ol-3-on (Mesterolon) und 17alpha-Methyl-androst-4-en-17beta-ol-3-on (17alpha-Methyltestosteron)
Arzneimittelforschung 19:765-6, May 69 (Ger)
*ANDROGENS, metabolism/ ANDROGENS, pharmacodynamics/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ HUMAN/ KETONES, metabolism/ MALE/ METHYLTESTOSTERONE, metabolism/ METHYLTESTOSTERONE, pharmacodynamics/ *TESTOSTERONE, urine

1292. **Gerlach A, Zwieten PA van:** Mechanical performance and calcium metabolism in rat isolated heart muscle after adrenalectomy. Pflueger Arch 311:96-108, 1969
*ADRENALECTOMY/ ANIMAL EXPERIMENTS/ BIOMECHANICS/ CALCIUM, analysis/ CALCIUM, blood/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ CORTICOSTERONE, pharmacodynamics/ ELECTRIC STIMULATION/ *HEART, physiology/ HEART ATRIUM/ HEART VENTRICLE/ IN VITRO/ MUSCLE CONTRACTION/ MYOCARDIUM, analysis/ *MYOCARDIUM, metabolism/ POTASSIUM, analysis/ RATS/ SODIUM, analysis

1293. **Gerlinger P, Kallmeyer MA, Beck G, et al:** Mise au point d'un système acellulaire d'oviducte de poule en ponte.
C R Soc Biol (Paris) 162:2295-8, 1968 (Fre)
AMINO ACIDS, metabolism/ CARBON ISOTOPES/ CELL-FREE SYSTEM/ CENTRIFUGATION, DENSITY GRADIENT/ CHICKENS/ IN VITRO/ ISOLEUCINE, metabolism/ LEUCINE, metabolism/ LYSINE, metabolism/ *OVIDUCTS, metabolism/ *OVULATION/ PHENYLALANINE, metabolism/ *PROTEINS, biosynthesis/ SERINE, metabolism/ VALINE, metabolism

1294. **Germain D, Monnet P, Roux JF, et al:** Les leucoblastoses transitoires de la trisomie 21. (A propos d'une observation)
Ann Pediat (Paris) 14:504-10, Jun-Jul 67 (Fre)
*CHROMOSOMES, HUMAN, 21-22/ ENGLISH ABSTRACT/ HEPATOMEGALY/ HUMAN/ INFANT/ INFANT, NEWBORN/ *LEUKEMIA, MYELOBLASTIC/ MALE/ MERCAPTOPURINE, therapeutic use/ *MONGOLISM/ PREDNISONE, therapeutic use/ SPLENOMEGALY/ *TRISOMY

1295. **Getzen LC:** The treatment of primary breast cancer. Comments.
Arch Surg (Chicago) 99:418-20, Sep 69
ADRENALECTOMY/ BREAST NEOPLASMS, drug therapy/ BREAST NEOPLASMS, mortality/ *BREAST NEOPLASMS, radiotherapy/ *BREAST NEOPLASMS, surgery/ CASTRATION/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ HYPOPHYSECTOMY/ LYMPHATIC METASTASIS/ NEOPLASM RECURRENCE, LOCAL/ THIO-TEPA, therapeutic use

1296. **Geubelle F, Ernould C:** Inconvénients de l'administration prolongée des corticoïdes chez l'enfant.
Rev Med Liege 22:212-9, 15 Apr 67 (Fre)
*ASTHMA, drug therapy/ CHILD/ CHILD, PRESCHOOL/ GLUCOCORTICOIDS, administration & dosage/ GLUCOCORTICOIDS, adverse effects/ HUMAN/ INFANT/ *TUBERCULOSIS, PULMONARY, drug therapy

1297. **Geyer G, Linss W, Stelzner A, et al:** Elektronenmikroskopische Beobachtungen an Liposomen und zugeordneten Membranen.
Gegenbaur Morph Jahrb 113:201-13, 1969 (Ger)
ACTINOMYCIN, pharmacodynamics/ *ADIPOSE TISSUE, cytology/ ADIPOSE TISSUE, pathology/ ANIMAL EXPERIMENTS/ COXIELLA/ ENDOPLASMIC RETICULUM, metabolism/ EPITHELIUM, metabolism/ EPITHELIUM, pathology/ GUINEA PIGS/ HISTOLOGICAL TECHNICS/ INJECTIONS, INTRAPERITONEAL/ JEJUNUM, drug effects/ *JEJUNUM, metabolism/ JEJUNUM, pathology/ *LIPIDS, metabolism/ MICE/ MICROSCOPY, ELECTRON/ RICKETTSIAL DISEASES, metabolism/ *RICKETTSIAL DISEASES, pathology/ TESTIS, metabolism/ TESTIS, pathology

1298. **Ghatak NR, White BE:** Delayed radiation necrosis of the hypothalamus. Report of a case simulating recurrent craniopharyngioma.
Arch Neurol (Chicago) 21:425-30, Oct 69
ADULT/ BRAIN DISEASES, diagnosis/ *BRAIN DISEASES, etiology/ BRAIN NEOPLASMS, radiotherapy/ BRAIN NEOPLASMS, surgery/ CRANIOPHARYNGIOMA, radiotherapy/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ GLOBUS PALLIDUS, pathology/ HEADACHE/ HUMAN/ *HYPOTHALAMUS, pathology/ NECROSIS/ NEOPLASM RECURRENCE, LOCAL, diagnosis/ *OPTIC CHIASM, pathology/ PITUITARY GLAND, radiation effects/ POLYURIA, chemically induced/ *RADIOTHERAPY, adverse effects/ THALAMUS, pathology/ VOMITING

1299. **Ghiringhelli F, Montalbetti N, Locatelli GR, et al:** Indicazioni e complicanze dell'impiego geriatrico della corticoterapia. Un'esperienza clinica in 1028 casi trattati su 4870 soggetti anziani ricoverati in divisone geriatrica.
G Geront 15:1467-76, Dec 67 (Ita)
AGE FACTORS/ AGED/ CARDIOVASCULAR DISEASES, drug therapy/ CEREBROVASCULAR DISORDERS, drug therapy/ ENDOCRINE DISEASES, drug therapy/ GASTROINTESTINAL DISEASES, drug therapy/ *GLUCOCORTICOIDS, therapeutic use/ HEMATOLOGIC DISEASES, drug therapy/ HUMAN/ JOINT DISEASES, drug therapy/ NEOPLASMS, drug therapy/ RESPIRATORY TRACT DISEASES, drug therapy/ UROLOGIC DISEASES, drug therapy

1300. **Ghnassia JP, Gennes JL de, Gilbert-Dreyfus:** Pseudohypothyroïde réalisée par une xanthomatose hypercholestérolémique associée, a un syndrome de Gougerot-Sjogren et a une surcharge iodée exogène.
Rev Franc Endocr Clin 10:233-6, May-Jun 69 (Fre)
AGED/ ARTHRITIS, RHEUMATOID, drug therapy/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERCHOLESTEREMIA, complications/ *HYPOTHYROIDISM, etiology/ *IODINE, adverse effects/ *SJOGREN'S SYNDROME, complications/ *XANTHOMATOSIS, complications

1301. **Ghosh PC, Pennington GW:** Metabolism of cortisol in Cushing's syndrome. Steroids 14:369-80, Sep 69
ADULT/ CHROMATOGRAPHY/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ *CUSHING'S SYNDROME, metabolism/

FEMALE/ HUMAN/ HYDROCORTISONE, blood/ *HYDROCORTISONE, metabolism/ HYDROCORTISONE, urine/ 17-HYDROXYCORTICOSTEROIDS, urine/ 17-KETOSTEROIDS, urine/ MALE/ METHODS/ *PREGNANES, urine/ TRITIUM

1302. **Giammanco S, La Grutta V, Zagami MT, et al:** Interrelazioni somatomotorie conseguenti ad attivazione dell'ipotalamo e del nucleo caudato. I. Effetti somatomotori per stimolazione isolato o contemporanea dell'ipotalamo e del nucleo caudato, nel gatto portatore di elettrodi a permanenza.
Boll Soc Ital Biol Sper 44:1797-800, 15 Nov 68 (Ita)
ANIMAL EXPERIMENTS/ *BEHAVIOR, ANIMAL/ CATS/ *CAUDATE NUCLEUS, physiology/ ELECTRIC STIMULATION/ *ESCAPE REACTION/ *HYPOTHALAMUS, physiology/ *MOVEMENT, physiology

1303. **Giammanco S, La Grutta V, Zagami MT:** Interrelazioni somatomotorie conseguenti ad attivazione dell'ipotalamo e del nucleo caudato. II. Effetti somatomotori per stimolazione contemporanea o successiva dell'area perifornicale ipotalamica di un lato e del nucleo caudato omolaterale o controlaterale.
Boll Soc Ital Biol Sper 44:1800-2, 15 Nov 68 (Ita)
ANIMAL EXPERIMENTS/ *BEHAVIOR, ANIMAL/ CATS/ *CAUDATE NUCLEUS, physiology/ ELECTRIC STIMULATION/ *HYPOTHALAMUS, physiology/ *MOVEMENT, physiology

1304. **Giammanco S, La Grutta V, Tessitore V, et al:** Contributo alla conoscenza delle correlazioni tra bulbi olfattivi e sistema neuroendocrino. I. Accrescimento corporeo e sviluppo dell'apparecchio genitale ed endocrino del ratto sottoposto ad asportazione dei bulbi olfattivi in epoca prepuberale.
Boll Soc Ital Biol Sper 44:1802-4, 15 Nov 68 (Ita)
ANIMAL EXPERIMENTS/ *ENDOCRINE GLANDS, physiology/ *GENITALIA, physiology/ *GROWTH/ *LIMBIC SYSTEM, physiology/ RATS

1305. **Gianni E, Novi S:** Analisi teleradiografica nel nanismo ipotiroideo. Minerva Stomat 18:223-6, May 69 (Ita)
CHILD/ *DWARFISM, radiography/ ENGLISH ABSTRACT/ HUMAN/ JAW, radiography/ SKULL, radiography/ *TONGUE, abnormalities/ *TOOTH ERUPTION

1306. **Giannina T, Meli A:** Prolonged oestrogenic activity in rats after single oral administration of ethinyloestradiol-3-cyclopentyl ether.
J Pharm Pharmacol 21:271-2, Apr 69
ANIMAL EXPERIMENTS/ CASTRATION/ *ESTRANES, pharmacodynamics/ *ETHERS, pharmacodynamics/ FEMALE/ ORGAN WEIGHT/ RATS/ UTERUS, drug effects/ VAGINA, cytology/ VAGINAL SMEARS

1307. **Giannone R, Maggioni G, Onida L:** Modificazioni elettrocardiografiche in corso di mola vescicolare.
Folia Cardiol (Milano) 27:343-53, Nov-Dec 68 (Ita)
ADULT/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ GONADOTROPINS, urine/ HEMODYNAMICS/ HUMAN/ *HYDATIDIFORM MOLE, physiopathology/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ *PREGNANCY TOXEMIAS/ SYMPATHETIC NERVOUS SYSTEM, physiopathology

1308. **Gibson QH, Parkhurst LJ, Geraci G:** The reaction of methemoglobin with some ligands.
J Biol Chem 244:4668-76, 10 Sep 69
ANALOG-DIGITAL CONVERSION/ ANIMAL EXPERIMENTS/ *AZIDES/ CHEMISTRY/ COMPUTERS, ANALOG/ COMPUTERS, DIGITAL/ *CYANIDES/ FLUORIDES/ HEME/ HORSES/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ *METHEMOGLOBIN/ *NITRITES/ *PEPTIDES/ SHEEP/ SPECIES SPECIFICITY/ SPECTROPHOTOMETRY/ THIOCYANATES

1309. **Gieldanowski J, Pelczarska A, Patkowski J, et al:** Studies on the immunopharmacologic properties of tris-(Chloroethyl)-amine (TS160).
Arch Immun Ther Exp 17:380-92, 1969
ADRENAL GLANDS, pathology/ ANAPHYLAXIS/ ANIMAL EXPERIMENTS/ ANTIBODY FORMATION, drug effects/ BONE MARROW EXAMINATION/ *ETHYLAMINES, pharmacodynamics/ ETHYLAMINES, toxicity/ GUINEA PIGS/ HYPERSENSITIVITY, DELAYED/ *IMMUNOSUPPRESSIVE AGENTS/ INTESTINE, SMALL, drug effects/ LYMPH NODES, transplantation/ LYMPHOCYTE TRANSFORMATION, drug effects/ MICE/ MUSCLE CONTRACTION, drug effects/ OXYGEN CONSUMPTION, drug effects/ PRECIPITINS/ RABBITS/ RATS/ SPLEEN, pathology/ THYMUS GLAND, pathology/ TRANSPLANTATION IMMUNOLOGY, drug effects

1310. **Gilbert-Dreyfus:** La fonction testiculaire dans l'hémochromatose idiopathique.
Rev Franc Endocr Clin 10:191-203, May-Jun 69 (Fre)
ADRENAL CORTEX HORMONES, urine/ AGING/ ANDROGENS, secretion/ ANIMAL EXPERIMENTS/ DIABETES MELLITUS, complications/ ENGLISH ABSTRACT/ GONADOTROPINS, urine/ GONADOTROPINS, CHORIONIC, therapeutic use/ HEMOCHROMATOSIS, complications/ HEMOCHROMATOSIS, drug therapy/ HEMOCHROMATOSIS, enzymology/ *HEMOCHROMATOSIS, physiopathology/ IRON, metabolism/ 17-KETOSTEROIDS, urine/ MALE/ PITUITARY GLAND, metabolism/ TESTICULAR DISEASES, complications/ *TESTIS, physiopathology/ TESTOSTERONE, blood/ TESTOSTERONE, metabolism

1311. **Gilbert-Dreyfus:** Quelques réflexions sur la maladie de Cushing. Sem Hop Paris 43:1873-4, 14 Jun 67 (Fre)
*CUSHING'S SYNDROME, diagnosis/ *CUSHING'S SYNDROME, physiopathology/ ENGLISH ABSTRACT/ HUMAN

1312. **Gilbert-Dreyfus, Raymond JP, Chomette G, et al:** Sur un cas exemplaire de cancer médullaire de la thyroide, avec preuves d'une hypersécrétion de calcitonine.
Rev Franc Endocr Clin 10:205-19, May-Jun 69 (Fre)
BONE AND BONES, pathology/ BONE NEOPLASMS/ BONE RESORPTION, etiology/ CALCIUM, blood/ *CARCINOMA, physiopathology/ DIARRHEA, etiology/ ELECTROCARDIOGRAPHY/ ELECTROENCEPHALOGRAPHY/ FEMALE/ HUMAN/ HYDROXYINDOLEACETIC ACID, blood/ MIDDLE AGE/ NATRIURESIS/ NEOPLASM METASTASIS/ PHOSPHATES, blood/ *THYROCALCITONIN, secretion/ THYROID NEOPLASMS, pathology/ *THYROID NEOPLASMS, physiopathology/ THYROIDECTOMY/ URINARY CALCULI, etiology

1313. **Gilbert-Dreyfus, Sebaoun J, Delzant G, et al:** Les goitres basedowifiés.
Sem Hop Paris 43:1875-85, 14 Jun 67 (Fre)
ADULT/ ENGLISH ABSTRACT/ FEMALE/ *GOITER, classification/ GOITER, diagnosis/ GOITER, pathology/ *GOITER, EXOPHTHALMIC, classification/ HUMAN/ HYPERTHYROIDISM, classification/ MALE/ MIDDLE AGE/ RADIOISOTOPE SCANNING

1314. **Gilboa Y:** [Diagnostic and therapeutic aspects of pheochromocytoma]
Dapim Refuiim 27:284-7, Dec 68 (Heb)
ENGLISH ABSTRACT/ GLUCAGON, diagnostic use/ HUMAN/ HYPERTENSION, etiology/ PHENTOLAMINE, diagnostic use/ *PHEOCHROMOCYTOMA/ PHEOCHROMOCYTOMA, diagnosis/ PHEOCHROMOCYTOMA, surgery

1315. **Gill G, Pallotta J, Kashgarian M, et al:** Physiologic studies in renal osteodystrophy treated by subtotal parathyroidectomy. Amer J Med 46:930-40, Jun 69
ADULT/ *CALCINOSIS, etiology/ CALCIUM, blood/ CALCIUM, metabolism/ *CALCIUM, urine/ CREATININE, urine/ FEMALE/ HUMAN/ HYPERPARATHYROIDISM, etiology/ *HYPERPARATHYROIDISM, surgery/

*KIDNEY DISEASES, complications/ MALE/ METHODS/ MIDDLE AGE/ OSTEITIS FIBROSA CYSTICA, etiology/ *OSTEITIS FIBROSA CYSTICA, surgery/ *PARATHYROID GLANDS, surgery/ PARATHYROID HORMONE, blood/ PHOSPHATES, urine/ PHOSPHORUS, blood/ SODIUM, blood/ SODIUM, metabolism/ SODIUM, urine

1316. **Gill GN, Garren LD:** On the mechanism of action of adrenocorticotropic hormone: the binding of cyclic-3',5'-adenosine monophosphate to an adrenal cortical protein.
Proc Nat Acad Sci USA 63:512-9, Jun 69
*ADENINE NUCLEOTIDES/ ADENOSINE CYCLIC 3',5'-PHOSPHATE/ *ADRENAL CORTEX HORMONES/ ADRENAL GLANDS, cytology/ *BINDING SITES/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY/ CYTOPLASM/ DIALYSIS/ MICROSOMES/ PRECIPITATION/ PROTEIN BINDING/ TRITIUM

1317. **Gill PG, Gotjamanos T:** Antilymphocyte serum and the reticuloendothelial system. Lancet 2:645-6, 20 Sep 69
ADRENAL GLANDS, physiology/ ANIMAL EXPERIMENTS/ ANTILYMPHOCYTE SERUM, pharmacodynamics/ COMPLEMENT, analysis/ *IMMUNE SERUMS, pharmacodynamics/ *LYMPHOCYTES/ MICE/ OPSONINS, analysis/ PHAGOCYTOSIS/ *RETICULOENDOTHELIAL SYSTEM, drug effects/ RETICULOENDOTHELIAL SYSTEM, physiology

1318. **Gilles-Baillien M:** Intracellular inorganic ions and amino-acid pool in the isolated intestinal mucosa of the tortoise "Testudo hermanni hermanni" Gmelin.
Arch Int Physiol 77:305-13, May 69
*AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ *CALCIUM, metabolism/ *CHLORIDES, metabolism/ COLON, metabolism/ DUODENUM, metabolism/ ILEUM, metabolism/ INDICATORS AND REAGENTS/ *INTESTINAL MUCOSA, metabolism/ JEJUNUM, metabolism/ *POTASSIUM, metabolism/ *SODIUM, metabolism/ TAURINE, metabolism/ *TURTLES/ UREA, metabolism/ WATER, analysis

1319. **Gilli P, Ripa R, Civolani L:** Azione del paratormone sull'angiotensinasi umana eritrocitaria in vitro.
Boll Soc Ital Biol Sper 44:1295-7, 31 Aug 68 **(Ita)**
*ANGIOTENSINASE, blood/ *ERYTHROCYTES, enzymology/ HUMAN/ IN VITRO/ PARATHYROID GLANDS/ *PARATHYROID HORMONE, pharmacodynamics/ TISSUE EXTRACTS, pharmacodynamics

1320. **Gillie I:** Distant non-metastatic effects of neoplasms. A report of two cases.
Manchester Med Gaz 48:13-9, May 69
ADRENAL GLANDS, pathology/ BRAIN, pathology/ *BRONCHIAL NEOPLASMS, occurrence/ *CEREBRAL SCLEROSIS, DIFFUSE, etiology/ *CUSHING'S SYNDROME, etiology/ *DEMYELINATION, etiology/ FEMALE/ HUMAN/ *LEUKEMIA, LYMPHOCYTIC, complications/ LIVER, pathology/ MALE/ MIDDLE AGE

1321. **Gilmore DP, McDonald PG:** Induction of prolonged diestrus in the rat by a low level of estrogen.
Endocrinology 85:799-801, Oct 69
ANIMAL EXPERIMENTS/ BENZOATES/ CERVIX UTERI, physiology/ DECIDUA/ ELECTRIC STIMULATION/ ESTRADIOL, administration & dosage/ *ESTRADIOL, pharmacodynamics/ *ESTRUS, drug effects/ FEMALE/ PSEUDOPREGNANCY/ RATS/ TIME FACTORS/ VAGINAL SMEARS

1322. **Gilmore DP, McDonald PG:** Induction of prolonged diestrus in the rat by a low level of estrogen.
Endocrinology 85:946-8, Nov 69
ANIMAL EXPERIMENTS/ BENZOATES/ CERVIX UTERI, physiology/ DECIDUA/ ELECTRIC STIMULATION/ ESTRADIOL, administration & dosage/ *ESTRADIOL, pharmacodynamics/ *ESTRUS, drug effects/ FEMALE/ PSEUDOPREGNANCY/ RATS/ VAGINAL SMEARS

1323. **Gincherman EZ, Balakhovskaia MI, Liubskaia II:** Sostoianie uglevodnogo obmena pri nachal'noĭ i stertoĭ forme bolezni itsenko--kushinga.
Probl Endokr (Moskva) 15:53-7, May-Jun 69 **(Rus)**
ADOLESCENCE/ ADULT/ BLOOD SUGAR/ *CARBOHYDRATES, metabolism/ CHILD/ CORTICOTROPIN, blood/ *CUSHING'S SYNDROME, metabolism/ ENGLISH ABSTRACT/ FEMALE/ GLUCOSE TOLERANCE TEST/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ MALE/ MIDDLE AGE

1324. **Gincherman EZ, Balakhovskaia MI:** Funktsional'noe sostoianie gemato-entsefalicheskogo bar'era pri bolezni Itsenko-Kushinga i dientsefal'nom sindrome po tipu etoĭ bolezni.
Probl Endokr (Moskva) 14:43-8, Jul-Aug 68 **(Rus)**
*BLOOD-BRAIN BARRIER/ BLOOD SUGAR/ CALCIUM, blood/ CALCIUM, cerebrospinal fluid/ CHLORIDES, blood/ CHLORIDES, cerebrospinal fluid/ *CUSHING'S SYNDROME, physiopathology/ *DIENCEPHALON, physiopathology/ FEMALE/ GLUCOSE, cerebrospinal fluid/ HUMAN/ MALE/ POTASSIUM, blood/ POTASSIUM, cerebrospinal fluid/ SODIUM, blood/ SODIUM, cerebrospinal fluid

1325. **Gincherman LE:** K otsenke sokratitel'noĭ spospbnosti miokarda pri addisonovoĭ bolezni.
Probl Endokr (Moskva) 14:48-52, Jul-Aug 68 **(Rus)**
*ADDISON'S DISEASE, physiopathology/ ELECTROCARDIOGRAPHY/ FEMALE/ *HEART, physiopathology/ HUMAN/ MALE/ MUSCLE CONTRACTION/ MYOCARDIUM, metabolism/ POTASSIUM, metabolism

1326. **Ginsburg J:** Gynaecomastia.
Practitioner 203:166-70, Aug 69
ENDOCRINE DISEASES, complications/ ESTROGENS, adverse effects/ *GYNECOMASTIA/ GYNECOMASTIA, chemically induced/ GYNECOMASTIA, etiology/ HUMAN/ MALE/ MIDDLE AGE

1327. **Ginzel KH:** The influence of anesthesia on baroreceptor reflexes. Proc West Pharmacol Soc 11:31-5, 1968
*ANESTHESIA/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ CATS/ CHEMORECEPTORS, drug effects/ CHLORALOSE, pharmacodynamics/ ELECTRIC STIMULATION/ ETHERS, pharmacodynamics/ HEART RATE, drug effects/ HYDROXYDIONE, pharmacodynamics/ METHOXYFLURANE, pharmacodynamics/ NICOTINE, pharmacodynamics/ PENTOBARBITAL, pharmacodynamics/ *PRESSORECEPTORS, drug effects/ URETHANE, pharmacodynamics

1328. **Girgis M:** Distribution of cholinesterase in the basal rhinencephalic structures of the Senegal bush baby (Galago senegalensis senegalensis).
Acta Anat (Basel) 72:94-100, 1969
AMYGDALOID BODY, enzymology/ ANIMAL EXPERIMENTS/ *CHOLINESTERASE, metabolism/ FEMALE/ HISTOCYTOCHEMISTRY/ *LIMBIC SYSTEM, enzymology/ MALE/ PRIMATES

1329. **Girod C, Durand N, Dubois P:** Etude cytologique et histologique des relations hypophyso-thyroïdiennes chez le hamster doré soumis à un jeûne alimentaire.
C R Soc Biol (Paris) 163:156-8, 1969 **(Fre)**
ANIMAL EXPERIMENTS/ *FASTING/ HAMSTERS/ KARYOTYPING/ MALE/ MICROSCOPY/ *PITUITARY GLAND, cytology/ *THYROID GLAND, cytology

1330. **Giroud JP, Fontagné J, Lechat P:** Etude expérimentale de l'activité anesthésique et anti-oedémateuse d'associations constituées d'un anesthésique local et d'un gluco-corticostéroïde.
Therapie 24:657-63, Jul-Aug 69 **(Fre)**
*ANESTHETICS, LOCAL/ ANIMAL EXPERIMENTS/ *DEXAMETHASONE,

pharmacodynamics/ *DRUG SYNERGISM/ *EDEMA, drug therapy/ ENGLISH ABSTRACT/ *LIDOCAINE, pharmacodynamics/ MALE/ *METHYLPREDNISOLONE, pharmacodynamics/ *PROCAINE, pharmacodynamics/ RABBITS/ RATS

1331. **Gitsch E, Holzner H:** Der Einfluss des Uterus auf die Entwicklung experimenteller Ovarialtumoren. Arch Gynaek 207:36-8, 1969 (Ger)
ANIMAL EXPERIMENTS/ CASTRATION/ ESTRUS/ FEMALE/ HYSTERECTOMY/ *OVARIAN NEOPLASMS/ OVARY, transplantation/ RATS/ SPLEEN, surgery/ TRANSPLANTATION, AUTOLOGOUS/ *UTERUS, physiology/ UTERUS, transplantation

1332. **Gjessing LR, Foss OP:** Serieundersøkelser av thyroeoidea-funksjonen. Verdien av fotomotografi. T Norsk Laegeforen 89:1021-3, 15 Jun 69 (Nor)
ACHILLES TENDON, physiology/ AGED/ BASAL METABOLISM/ CHOLESTEROL, blood/ DIET THERAPY/ ENGLISH ABSTRACT/ HUMAN/ MALE/ MIDDLE AGE/ OXYGEN CONSUMPTION/ PROTEIN-BOUND IODINE TEST/ *PSYCHOSES, physiopathology/ REFLEX, TENDON/ THYROID GLAND, physiology/ *THYROID GLAND FUNCTION TESTS/ TIME FACTORS

1333. **Glass TG Jr:** Cortisone and immediate fasciotomy in the treatment of severe rattlesnake bite. Texas Med 65:40-7, Jul 69
CHILD/ CHILD, PRESCHOOL/ *CORTISONE, therapeutic use/ *FASCIA, surgery/ HUMAN/ MALE/ MIDDLE AGE/ *SNAKE BITES, therapy

1334. **Glatzel H:** Ernährung der heranwachsenden Jugend. Z Allgemeinmed 45:238-54, 28 Feb 69 (Ger)
*ADOLESCENCE/ ADULT/ CHILD/ DIET/ DIETARY CARBOHYDRATES/ DIETARY FATS/ DIETARY PROTEINS/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ MINERALS/ *NUTRITION/ *OBESITY/ *PUBERTY/ VITAMINS

1335. **Glatzel J, Lungershausen E:** Zur Streckenprognose der Encephalomyelitis disseminata. Zur Rückbildung einzelner Krankheitsschübe vor und nach Einführung der Corticosteroidtherapie. Med Klin 64:1157-9, 20 Jun 69 (Ger)
*ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ COMPARATIVE STUDY/ ENCEPHALOMYELITIS, complications/ *ENCEPHALOMYELITIS, drug therapy/ FEMALE/ HUMAN/ MALE/ MULTIPLE SCLEROSIS, etiology/ PROGNOSIS/ TIME FACTORS

1336. **Gleave EN, Griffiths K, Cameron E, et al:** Urinary steroids and breast disease. Brit J Surg 56:627, Aug 69
*BREAST DISEASES, urine/ *BREAST NEOPLASMS, urine/ FEMALE/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, urine/ *17-KETOSTEROIDS, urine

1337. **Glinsmann WH, Hern EP, Linarelli LG, et al:** Similarities between effects of adenosine 3',5'-monophosphate and guanosine 3' 5'-monophosphate on liver and adrenal metabolism. Endocrinology 85:711-9, Oct 69
*ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ ADRENAL CORTEX HORMONES, biosynthesis/ ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ COMPARATIVE STUDY/ CORTICOSTERONE, biosynthesis/ ENZYME INDUCTION/ GLUCAGON, pharmacodynamics/ GLUCONEOGENESIS/ GLUCOSE, metabolism/ GLUCOSYLTRANSFERASES, metabolism/ *GUANINE NUCLEOTIDES, pharmacodynamics/ IN VITRO/ LACTATES, metabolism/ LIVER, drug effects/ *LIVER, metabolism/ LIVER GLYCOGEN, metabolism/ MALE/ PERFUSION/ RATS/ STIMULATION, CHEMICAL/ TYROSINE AMINOTRANSFERASE, biosynthesis/ UREA, biosynthesis

1338. **Glitsch HG:** Uber die Wirkung von Sr-Ionen auf den Ca2plus-Austausch am Meerschweinchenvorhof. Experientia 25:612-3, 15 Jun 69 (Ger)
ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ CALCIUM CHLORIDE/ CALCIUM ISOTOPES/ CELL MEMBRANE PERMEABILITY/ CHLORIDES/ ENGLISH ABSTRACT/ GUINEA PIGS/ HEART ATRIUM/ IN VITRO/ *ION EXCHANGE/ ISOTONIC SOLUTIONS/ *MYOCARDIUM, metabolism/ *STRONTIUM, pharmacodynamics

1339. **Glomski CA:** Experimental hypersplenism and tissue iron distribution. Brit J Exp Path 50:331-9, Aug 69
ADRENAL GLANDS, pathology/ ANIMAL EXPERIMENTS/ ASCITIC FLUID, analysis/ BONE MARROW, analysis/ HEMOGLOBINOMETRY/ HISTOCYTOCHEMISTRY/ *HYPERSPLENISM, metabolism/ *IRON, analysis/ LIVER, analysis/ LYMPH NODES, pathology/ METHYLCELLULOSE/ RATS/ SPLEEN, analysis

1340. **Gloor B:** Auge und Toxikologie neuerer Pharmaka. Ther Umsch 26:358-63, Jun 69 (Ger)
*ADRENAL CORTEX HORMONES, adverse effects/ *ANESTHETICS, LOCAL, adverse effects/ *CARBONIC ANHYDRASE INHIBITORS, adverse effects/ *CHLORAMPHENICOL, adverse effects/ *CHLOROQUINE, adverse effects/ *CHOLINESTERASE INHIBITORS, adverse effects/ *EYE DISEASES, chemically induced/ HUMAN/ *INDOMETHACIN, adverse effects/ *PHENIPRAZINE, adverse effects/ *PHENOTHIAZINES, adverse effects

1341. **Glover TD:** Some aspects of function in the epididymis. Experimental occlusion of the epididymis in the rabbit. Int J Fertil 14:216-21, Jul-Sep 69
ANIMAL EXPERIMENTS/ *EPIDIDYMIS, physiology/ RABBITS/ *SPERMATOZOA, growth & development/ TESTIS, pathology

1342. **Gluckman LK:** Psychiatric aspects of failure with oral contraceptives. New Zeal Med J 70:10-3, Jul 69
*CONTRACEPTIVES, ORAL/ CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ GUILT/ HUMAN/ INSTINCT/ MOTIVATION/ *PREGNANCY/ PSYCHOLOGY/ PSYCHOSES, etiology/ SEX BEHAVIOR

1343. **Godfraind-de Becker A:** Thermogénèse et variations de fluorescence post-contractiles du muscle strié de batracien. J Physiol (Paris) 60:Suppl 2:362-3, 1968 (Fre)
ANIMAL EXPERIMENTS/ *BODY TEMPERATURE REGULATION/ FLUOROMETRY/ FROGS/ IODOACETATES, pharmacodynamics/ *MUSCLE CONTRACTION/ NAD, metabolism/ OXYGEN, pharmacodynamics/ TETANY, metabolism/ TOADS

1344. **Godfraind-de Becker A:** Influence de l'aneérobiose et du tétanos sur l'état d'oxydoréduction des nicotinamide-adénine-dinucléotides dans le sartorius de grenouille. Arch Int Physiol 77:360-2, May 69 (Fre)
ANIMAL EXPERIMENTS/ FLUOROMETRY/ FROGS/ HYDROGEN-ION CONCENTRATION/ *MUSCLES, metabolism/ *NAD, metabolism/ OXIDATION-REDUCTION/ *OXYGEN, pharmacodynamics/ *TETANY, metabolism

1345. **Goebelsmann U, Midgley AR Jr, Jaffe RB:** Regulation of human gonadotropins: VII. Daily individual urinary estrogens, pregnanediol and serum luteinizing and follicle stimulating hormones during the menstrual cycle. J Clin Endocr 29:1222-30, Sep 69
CHROMATOGRAPHY, GAS/ ESTRADIOL, physiology/ *ESTRADIOL, urine/ *ESTRIOL, urine/ *ESTRONE, urine/ FEMALE/ FLUOROMETRY/ *FSH, blood/ FSH, secretion/ HUMAN/ *LH, blood/ LH, secretion/ *MENSTRUATION/

*PREGNANEDIOL, urine/ PROGESTERONE, physiology/ RADIOIMMUNOASSAY/ TRITIUM

1346. **Goebelsmann U, Wiqvist N, Diczfalusy E:** Metabolism of oestriol-3-sulphate-16-glucosiduronate in pregnant women. Acta Endocr (Kobenhavn) 59:595-610, Dec 68
CARBON ISOTOPES/ *ESTRIOL, metabolism/ *ESTROGENIC SUBSTANCES, CONJUGATED, metabolism/ ESTROGENIC SUBSTANCES, CONJUGATED, urine/ FEMALE/ GLUCURONATES, metabolism/ HUMAN/ *PREGNANCY/ TRITIUM

1347. **Goeth H, Wildfeuer A:** Die antimikrobiellen und cytostatischen Eigenschaften von 6-hydroxy-1,3-benzoxanthiol-2-on (01 1)
Arzneimittelforschung 19:1298-304, Aug 69 (Ger)
ANIMAL EXPERIMENTS/ ANTHRACENES, pharmacodynamics/ *ANTI-INFECTIVE AGENTS, LOCAL, pharmacodynamics/ ASPERGILLUS, drug effects/ BACILLUS SUBTILIS, drug effects/ *BACTERIA, drug effects/ BORDETELLA, drug effects/ CANDIDA, drug effects/ CATTLE/ *CELL DIVISION, drug effects/ CELL LINE/ CHICK EMBRYO/ CLOSTRIDIUM, drug effects/ COMPARATIVE STUDY/ CORYNEBACTERIUM, drug effects/ DEPRESSION, CHEMICAL/ EPITHELIUM, cytology/ ESCHERICHIA COLI, drug effects/ FIBROBLASTS, drug effects/ *FUNGI, drug effects/ HELA CELLS, drug effects/ HYDROCORTISONE, pharmacodynamics/ IN VITRO/ KIDNEY, cytology/ KLEBSIELLA, drug effects/ *LACTONES, pharmacodynamics/ MITOSIS, drug effects/ MUCOR, drug effects/ MYCOBACTERIUM, drug effects/ PASTEURELLA, drug effects/ PROTEUS, drug effects/ PSEUDOMONAS AERUGINOSA, drug effects/ SACCHAROMYCES, drug effects/ SALMONELLA, drug effects/ STAPHYLOCOCCUS, drug effects/ STREPTOCOCCUS, drug effects/ TISSUE CULTURE/ TRICHOPHYTON, drug effects

1348. **Goffioul-Thayse L:** Les accidents psychiques de la corticothérapie.
Rev Med Liege 22:200-1, 1 Apr 67 (Fre)
*ADRENAL CORTEX HORMONES, adverse effects/ ADULT/ COGNITION DISORDERS, chemically induced/ FEMALE/ HALLUCINATIONS, chemically induced/ HUMAN/ *PSYCHOSES, TOXIC, etiology

1349. **Gohlke R:** Histologische Befunde an Organen von Kaninchen nach chronischer Schwefelkohlenstoffexposition.
Z Ges Hyg 14:81-7, Feb 68 (Ger)
ADRENAL GLANDS, pathology/ ANIMAL EXPERIMENTS/ AORTA, pathology/ BRAIN, pathology/ *CARBON DISULFIDE, poisoning/ ENGLISH ABSTRACT/ *HEPATITIS, TOXIC, pathology/ KIDNEY, pathology/ *LIVER, pathology/ *LUNG, pathology/ RABBITS/ TRACHEA, pathology

1350. **Golber LM, Anan'eva KA, Kandror VI, et al:** Znachenie magniia v preduprezhdenii metabolicheskikh rasstroĭstv v miokarde pri tireotoksikoze.
Biull Eksp Biol Med 67:23-6, Mar 69 (Rus)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ GLYCOGEN, analysis/ HYPERTHYROIDISM, complications/ *HYPERTHYROIDISM, drug therapy/ MAGNESIUM, analysis/ *MAGNESIUM, therapeutic use/ METHIONINE, metabolism/ MYOCARDIAL DISEASES, SECONDARY, etiology/ MYOCARDIAL DISEASES, SECONDARY, metabolism/ *MYOCARDIAL DISEASES, SECONDARY, prevention & control/ MYOCARDIUM, analysis/ PHOSPHOCREATINE, analysis/ RABBITS

1351. **Gol'ber LM, Gaĭdina GA, Ignatkov VIa:** Vliianie itreoidnykh gormonov na reaktivnost' adrenergicheskikh i kholinergicheskikh obrazovaniĭ nervnoĭ sistemy.
Probl Endokr (Moskva) 15:77-83, Mar-Apr 69 (Rus)
AMPHETAMINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CHLORPROMAZINE, pharmacodynamics/ ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ HYPERTHYROIDISM, physiopathology/ *NERVOUS SYSTEM, drug effects/ NERVOUS SYSTEM, physiopathology/ RABBITS/ *THYROID HORMONES, pharmacodynamics

1352. **Gol'ber LM, Voĭno-Iasenetskaia EM:** O vliianii gipofizektomii na krovetvorenie krys.
Probl Endokr (Moskva) 15:86-91, Jan-Feb 69 (Rus)
ANIMAL EXPERIMENTS/ BONE MARROW CELLS/ ENGLISH ABSTRACT/ ERYTHROCYTE COUNT/ *HEMATOPOIESIS/ *HYPOPHYSECTOMY, adverse effects/ LEUKOCYTE COUNT/ RATS/ RETICULOCYTES

1353. **Gold LH, Kieffer SA, Peterson HO:** Intracranial meningiomas. A retrospective analysis of the diagnostic value of plain skull films.
Neurology (Minneap) 19:873-8, Sep 69
ADOLESCENCE/ ADULT/ AGED/ CALCINOSIS, etiology/ CALCINOSIS, pathology/ DURA MATER, pathology/ FEMALE/ HUMAN/ INTRACRANIAL PRESSURE/ MALE/ MENINGIOMA, complications/ *MENINGIOMA, radiography/ MIDDLE AGE/ NEOPLASM METASTASIS/ PINEAL BODY, pathology/ RETROSPECTIVE STUDIES/ *SKULL NEOPLASMS, radiography

1354. **Gold RH:** Lymphangiography in the evaluation of malignant neoplasms. Oncology 23:289-98, 1969
BLADDER NEOPLASMS, radiography/ CERVIX NEOPLASMS, radiography/ ETHIODOL/ FEMALE/ HODGKIN'S DISEASE, radiography/ HUMAN/ *IODIZED OILS/ LEUKEMIA, LYMPHOCYTIC, radiography/ *LYMPHATIC METASTASIS, radiography/ LYMPHOGRAPHY/ LYMPHOMA, radiography/ MALE/ MELANOMA, radiography/ METHODS/ *NEOPLASMS, radiography/ PROSTATIC NEOPLASMS, radiography/ RECTAL NEOPLASMS, radiography/ SARCOMA, RETICULUM CELL, radiography/ TESTICULAR NEOPLASMS, radiography/ VAGINAL NEOPLASMS, radiography

1355. **Goldberg ND, Dietz SB, O'Toole AG:** Cyclic guanosine 3',5'-monophosphate in mammalian tissues and urine.
J Biol Chem 244:4458-66, 25 Aug 69
ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ ALLOXAN DIABETES, metabolism/ ANIMAL EXPERIMENTS/ BRAIN CHEMISTRY/ CHROMATOGRAPHY, THIN LAYER/ DIABETES MELLITUS, metabolism/ DOGS/ EPINEPHRINE, pharmacodynamics/ GLUCAGON, pharmacodynamics/ *GUANINE NUCLEOTIDES, analysis/ GUANINE NUCLEOTIDES, urine/ INSULIN, pharmacodynamics/ KIDNEY, analysis/ LIGASES/ LIVER, analysis/ LIVER, metabolism/ MALE/ METHODS/ PHOSPHATASES/ PHOSPHOTRANSFERASES/ PYRUVATE KINASE/ PYRUVATES, analysis/ RATS/ SODIUM CHLORIDE, pharmacodynamics/ STIMULATION, CHEMICAL/ THEOPHYLLINE, pharmacodynamics/ TIME FACTORS/ TRITIUM

1356. **Goldfarb AF, Crawford R:** Polycystic ovarian disease, clomiphene, and multiple pregnancies.
Obstet Gynec 34:307-9, Sep 69
CLOMIPHENE, pharmacodynamics/ *CLOMIPHENE, therapeutic use/ FEMALE/ HUMAN/ OVULATION, drug effects/ PREGNANCY/ *PREGNANCY, MULTIPLE/ *STEIN-LEVENTHAL SYNDROME, drug therapy/ *STERILITY, FEMALE, drug therapy

1357. **Golditch IM:** Vaginal aplasia.
Surg Gynec Obstet 129:361-7, Aug 69 (102 ref.)
ABNORMALITIES, MULTIPLE/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HERMAPHRODITISM, surgery/ HUMAN/ MULLERIAN DUCTS, abnormalities/ POSTOPERATIVE COMPLICATIONS/ REVIEW/ TESTICULAR FEMINIZATION, diagnosis/ TRANSPLANTATION,

AUTOLOGOUS/ UROGENITAL SYSTEM, abnormalities/ UTERUS, abnormalities/ *VAGINA, abnormalities/ VAGINA, embryology/ VAGINA, surgery/ VAGINAL DISEASES, diagnosis/ VAGINAL DISEASES, etiology

1358. **Goldman H, Nikitovitch-Winer MR:** Rapid flow of blood through pituitary autografts in the rat. Amer J Physiol 217:567-9, Aug 69
ADRENAL GLANDS, blood supply/ ANIMAL EXPERIMENTS/ MALE/ METHODS/ ORGAN WEIGHT/ PINEAL BODY, blood supply/ *PITUITARY GLAND, blood supply/ PITUITARY GLAND, physiology/ *PITUITARY GLAND, transplantation/ RATS/ *REGIONAL BLOOD FLOW/ TESTIS, blood supply/ THYROID GLAND, blood supply/ TIME FACTORS/ TRANSPLANTATION, AUTOLOGOUS

1359. **Goldman JM, Hadley ME:** The beta adrenergic receptor and cyclic 3',5'-adenosine monophosphate: possible roles in the regulation of melanophore responses of the spadefoot toad, Scaphiopus couchi. Gen Comp Endocr 13:151-63, Aug 69
*ADENINE NUCLEOTIDES, physiology/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, physiology/ ANIMAL EXPERIMENTS/ *CHROMATOPHORES, physiology/ CYTOPLASMIC GRANULES/ DIBENAMINE, pharmacodynamics/ DICHLOROISOPROTERENOL, pharmacodynamics/ DRUG SYNERGISM/ *EPINEPHRINE, pharmacodynamics/ IN VITRO/ *ISOPROTERENOL, pharmacodynamics/ MELANIN, metabolism/ *MSH, pharmacodynamics/ *NOREPINEPHRINE, pharmacodynamics/ PHENTOLAMINE, pharmacodynamics/ *PHENYLEPHRINE, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ *RECEPTORS, DRUG/ SKIN, drug effects/ STIMULATION, CHEMICAL/ THEOPHYLLINE, pharmacodynamics/ *TOADS, physiology

1360. **Goldman V:** Emergencies in the dental surgery. Dent Mag Oral Top 86:109-10, Jun 69
ADRENAL CORTEX HORMONES/ ANTIHYPERTENSIVE AGENTS/ DRUG SYNERGISM/ EMERGENCIES/ MONOAMINE OXIDASE INHIBITORS/ RESUSCITATION/ SPECIAL LIST DENTAL/ SURGERY, ORAL

1361. **Goldner R, Burnett JW, Stone JS, et al:** The chemical composition of sea nettle nematocysts. Proc Soc Exp Biol Med 131:1386-8, Sep 69
CARBOHYDRATES, analysis/ CARBON, analysis/ CATECHOLAMINES, analysis/ CHLORIDES, analysis/ CHOLESTEROL, analysis/ CHROMATOGRAPHY, GAS/ *COELENTERATA/ FATS, UNSATURATED/ GLYCERIN, analysis/ HEXOSAMINES, analysis/ HISTAMINE, analysis/ HYDROGEN, analysis/ MINERALS, analysis/ NEURAMINIC ACIDS, analysis/ NITROGEN, analysis/ NUCLEIC ACIDS, analysis/ *ORGANOIDS, analysis/ OXYGEN, analysis/ PHOSPHORUS, analysis/ SEROTONIN, analysis/ SPECTROPHOTOMETRY/ SULFUR, analysis

1362. **Golikov PP:** Opredelenie kortikosterona v krovi, ottakaiushcheĭ ot nadpochechnika s pomoshch'iu tonkosloĭnoĭ khromatografii. Lab Delo 8:467-9, 1967 (Rus)
*ADRENAL GLANDS, blood supply/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, THIN LAYER/ *CORTICOSTERONE, blood/ MALE/ RATS/ SPECTROPHOTOMETRY

1363. **Golikov PP:** Sezonnyĭ ritm vesa vilochkovo zhelezy u intaktnykh, adrenal- i gipofizektomirovannkh krys. Probl Endokr (Moskva) 15:100-3, Jan-Feb 69 (Rus)
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ HYPOPHYSECTOMY/ *ORGAN WEIGHT/ *PITUITARY-ADRENAL SYSTEM, physiology/ RATS/ *SEASONS/ *THYMUS GLAND, anatomy & histology/ *THYMUS GLAND, pathology

1364. **Golikov PP:** Ekspress-metod opredeleniia kortikosterona. Lab Delo 6:375, 1969 (Rus)
ANIMAL EXPERIMENTS/ *CORTICOSTERONE, blood/ *FLUOROMETRY/ METHODS/ RATS

1365. **Golin S, Larson E:** An antidotal study on the skin extract of the puffer fish Spheroides maculatus. Toxicon 7:49-53, Jun 69
ACETYLCHOLINESTERASE, analysis/ ANIMAL EXPERIMENTS/ *ANTIDOTES, therapeutic use/ ATROPINE, therapeutic use/ ERYTHROCYTES, drug effects/ FEMALE/ *FISHES, POISONOUS/ MALE/ MICE/ OXYGEN/ PENTOBARBITAL, therapeutic use/ PRALIDOXIME COMPOUNDS, therapeutic use/ SEX HORMONES, pharmacodynamics/ *SKIN/ STRYCHNINE, therapeutic use/ *TISSUE EXTRACTS, toxicity

1366. **Golotin VG, Berdyshev GD, Brekhman II:** Aktivnost' triptofanpirrolazy v pecheni krys v norme i pri stresse. Vop Med Khim 15:16-21, Jan-Feb 69 (Rus)
ADRENAL GLANDS/ ADRENALECTOMY/ AGE FACTORS/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ ENZYME INDUCTION/ FEMALE/ HYDROCORTISONE, pharmacodynamics/ IMMOBILIZATION/ *LIVER, enzymology/ MALE/ PITUITARY GLAND, physiology/ RATS/ SEASONS/ SEX FACTORS/ STIMULATION, CHEMICAL/ *STRESS, enzymology/ TIME FACTORS/ TRYPTOPHAN, pharmacodynamics/ TRYPTOPHAN OXYGENASE, biosynthesis/ *TRYPTOPHAN OXYGENASE, metabolism

1367. **Golovach AP:** Obmen serotonina u bol'nykh s narusheniem funktsii shchitovidnoĭ zhelezy. Probl Endokr (Moskva) 14:97-100, May-Jun 68 (Rus)
ADOLESCENCE/ ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ GOITER, EXOPHTHALMIC, metabolism/ HUMAN/ HYPOTHYROIDISM, metabolism/ MALE/ MIDDLE AGE/ SEROTONIN, analysis/ *SEROTONIN, metabolism/ *THYROID DISEASES, metabolism/ THYROID GLAND, analysis

1368. **Golovan' VT:** O vliianii prolaktina, tiroksina i insulina na laktatsiiu. Fiziol Zh SSSR Sechenov 54:638-46, May 68 (Rus)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ FEMALE/ GOATS/ *INSULIN, pharmacodynamics/ *LACTATION, drug effects/ MAMMAE, drug effects/ *PROLACTIN, pharmacodynamics/ *THYROXINE, pharmacodynamics

1369. **Golubeva IV, Lemeneva ZL, Rozovskiĭ IS:** Beremennost' i rody pri vrozhdennom adrenogenital'nom sindrome. Probl Endokr (Moskva) 14:24-7, May-Jun 68 (Rus)
*ADRENOGENITAL SYNDROME/ ADRENOGENITAL SYNDROME, drug therapy/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LABOR/ PREDNISOLONE, therapeutic use/ PREGNANCY/ *PREGNANCY COMPLICATIONS

1370. **Gomez Morales A, Ferrer Arata A, Vidal ER, et al:** Tratamiento de la oftalmopatía endocrina progresiva por destrucción total de la tiroides. Arch Oftal B Air 42:267-72, Sep 67 (Spa)
ADULT/ *ENDOCRINE DISEASES, surgery/ ENGLISH ABSTRACT/ *EYE DISEASES, surgery/ FEMALE/ HUMAN/ MIDDLE AGE/ *THYROIDECTOMY

1371. **Goncharov AT:** Nakoplenie padioaktivnogo khroma u belykh krys pri razlichnykh urovniakh ioda v ratsione i razlichnykh funktsional'nykh sostoianiiakh shchitovidnoĭ zhelezy. Gig Sanit 33:96-7, Dec 68 (Rus)
ANIMAL EXPERIMENTS/ *CHROMIUM, metabolism/ CHROMIUM ISOTOPES/ *DEFICIENCY DISEASES, metabolism/ *GOITER, metabolism/ GOITER, ENDEMIC, metabolism/ *IODINE/ MALE/ RATS/ THYROID GLAND, analysis

1372. **Goncharov NP:** Kortikosteroidy i soputstvuiushchie im soedineniia, vydelennye iz perifericheskoĭ krovi i krovi nadpochechnikovoĭ veny obez'ian makak rezus.

Probl Endokr (Moskva) 15:58-62, Jan-Feb 69 (Rus)
*ADRENAL CORTEX HORMONES, blood/ *ADRENAL GLANDS, blood supply/ ALDOSTERONE, blood/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ CORTICOSTERONE, blood/ ENGLISH ABSTRACT/ HYDROCORTISONE, blood/ MONKEYS/ VEINS

1373. **Goncharov NP**: Gormonal'naia funktsiia kory nadpochechnikov u makak razus na raznykh stadiiakh infektsionnogo protsessa.
Probl Endokr (Moskva) 15:102-7, Mar-Apr 69 (Rus)
*ADRENAL GLANDS, physiopathology/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ HYDROCORTISONE, blood/ 17-HYDROXYCORTICOSTEROIDS, blood/ 17-HYDROXYCORTICOSTEROIDS, urine/ *INFECTION, physiopathology/ MONKEYS

1374. **Gondos B**: The ultrastructure of granulose cells in the newborn rabbit ovary. Anat Rec 165:67-77, Sep 69
ANIMAL EXPERIMENTS/ *ANIMALS, NEWBORN/ CYTOPLASM/ ENDOPLASMIC RETICULUM/ FEMALE/ GOLGI APPARATUS/ LIPIDS/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ *OVARY, cytology/ RABBITS

1375. **Gonzalez R, Santiago I, Frid R, et al**: Valoración de la utilidad del estanozolol en el tratamineto del síndrome de insuficiencia medular. Estudio preliminar basado en la revisión de veintidós casos.
Sangre (Barc) 14:158-64, 1969 (Spa)
ADOLESCENCE/ ADULT/ BLOOD CELL COUNT/ *BONE MARROW DISEASES, drug therapy/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *TESTOSTERONE, therapeutic use

1376. **González-Ochoa A**: El suministro intermittente de corticosteroides en dermatología.
Gac Med Mex 99:619-26, Jun 69 (Spa)
*ADRENAL CORTEX HORMONES, therapeutic use/ DOSAGE FORMS/ ENGLISH ABSTRACT/ HUMAN/ *SKIN DISEASES, drug therapy

1377. **Goodfriend R**: Retroperitoneal lymph node dissection: a morbid study. Acta Urol Belg 35:608-10, Oct 67
*LYMPH NODE EXCISION/ *RETROPERITONEAL SPACE/ *TESTICULAR NEOPLASMS, surgery

1378. **Goolden AW, Fraser TR**: Treatment of thyrotoxicosis with low doses of radioactive iodine.
Brit Med J 3:442-3, 23 Aug 69
CARBIMAZOLE, therapeutic use/ FOLLOW-UP STUDIES/ HUMAN/ HYPERTHYROIDISM, drug therapy/ *HYPERTHYROIDISM, radiotherapy/ HYPOTHYROIDISM, occurrence/ *IODINE ISOTOPES, administration & dosage/ RADIOTHERAPY DOSAGE/ THYROID GLAND, anatomy & histology

1379. **Goolden AW, Fraser TR**: Effect of pretreatment with carbimazole in patients with thyrotoxicosis subsequently treated with radioactive iodine.
Brit Med J 3:443-4, 23 Aug 69
CARBIMAZOLE, therapeutic use/ HUMAN/ *HYPERTHYROIDISM, drug therapy/ *HYPERTHYROIDISM, radiotherapy/ *IMIDAZOLES, therapeutic use/ *IODINE ISOTOPES, therapeutic use/ RADIATION-SENSITIZING AGENTS/ RADIOTHERAPY DOSAGE/ *THYROID ANTAGONISTS, therapeutic use

1380. **Gooptu D, Truelove SC, Warner GT**: Absorption of electrolytes from the colon in cases of ulcerative colitis and in control subjects. Gut 10:555-61, Jul 69
CALCIUM, blood/ CALCIUM, metabolism/ *COLITIS, ULCERATIVE, metabolism/ *COLON, metabolism/ FEMALE/ HUMAN/ *INTESTINAL ABSORPTION/ ISOTONIC SOLUTIONS/ MAGNESIUM, blood/ MAGNESIUM, metabolism/ MALE/ METABOLIC CLEARANCE RATE/ POTASSIUM, metabolism/ SODIUM, blood/ SODIUM, metabolism/ SODIUM ISOTOPES

1381. **Goos HJ**: Hypothalamic control of the pars intermedia in Xenopus laevis tadpoles.
Z Zellforsch 97:118-24, 1969
*AMINES, metabolism/ *AMPHIBIA, physiology/ ANIMAL EXPERIMENTS/ CHROMATOPHORES, drug effects/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ *HYPOTHALAMUS, metabolism/ PIGMENTATION, drug effects/ *RESERPINE, pharmacodynamics/ *SKIN, physiology

1382. **Gopalakrishna EM, Cooper A, Norton DA**: Crystal and molecular structure of beta-bromoprogesterone.
Acta Crystallogr [B] (Kobenhavn) 25:639-47, 15 Apr 69
CHEMISTRY/ CRYSTALLOGRAPHY/ *PROGESTERONE

1383. **Gordienko VM, Fedirko A**: Raspredelenie aktivnosti suktsinatdegidrogenazy, tsitokhromoksdaz, NAD- i NAD-F-diaforaz v nadpochechnikakh morskoĭ svinki v norme.
Probl Endokr (Moskva) 15:62-6, Jan-Feb 69 (Rus)
*ADRENAL GLANDS, enzymology/ ADRENAL MEDULLA, enzymology/ ANIMAL EXPERIMENTS/ *CYTOCHROME OXIDASE, analysis/ ENGLISH ABSTRACT/ GUINEA PIGS/ *LIPOAMIDE DEHYDROGENASE, analysis/ NAD/ NADP/ *SUCCINATE DEHYDROGENASE, analysis

1384. **Gordon A, Zipser Y**: The metabolism of radioactive L-5' isopropyl-3',3,5 triiodothyronine and its relation to thyroid hormone action.
Acta Endocr (Kobenhavn) 60:352-68, Feb 69
ALKYLATION/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BLOOD PROTEINS/ CHROMATOGRAPHY/ GOITER, prevention & control/ GROWTH, drug effects/ IODINE ISOTOPES/ IODOPROTEINS, blood/ PROTEIN BINDING/ RADIOAUTOGRAPHY/ RATS/ *RECEPTORS, DRUG/ THYROIDECTOMY/ TRIIODOTHYRONINE, analysis/ *TRIIODOTHYRONINE, metabolism/ *TRIIODOTHYRONINE, pharmacodynamics

1385. **Gordon ED Jr**: The effect of high concentrations of carbon dioxide on blood serotonin levels in man. Chronic hypercapnia. SAM-TR-68-107.
US Air Force Sch Aerospace Med 1-7, Sep 68
*CARBON DIOXIDE, pharmacodynamics/ HUMAN/ HYPERCAPNIA, etiology/ MALE/ *SEROTONIN, blood/ SEROTONIN, pharmacodynamics

1386. **Górecka A**: Wstępne wyniki badań nad aminoacidurią w postępującej dystrofii mięśniowej.
Neurol Neurochir Pol 3:431-8, Jul-Aug 69 (Pol)
ADOLESCENCE/ *AMINO ACIDS, urine/ *AMINOACIDURIA, RENAL, complications/ CHILD/ CHILD, PRESCHOOL/ CHROMATOGRAPHY, PAPER/ ENGLISH ABSTRACT/ FEMALE/ GLYCINE, urine/ HISTIDINE, urine/ HUMAN/ HYPOTHYROIDISM, complications/ INFANT/ INFANT, NEWBORN/ LYSINE, urine/ MALE/ METHIONINE, urine/ MUSCULAR DYSTROPHY, complications/ *MUSCULAR DYSTROPHY, urine/ PROLINE, urine/ THREONINE, urine

1387. **Goriacheva GI**: K voprosu o regeneratsii lachnika (éksperimental'noe issledovanie)
Akush Ginek (Moskva) 43:70-1, Oct 67 (Rus)
ANIMAL EXPERIMENTS/ METHODS/ *OVARY, physiology/ RATS/ *REGENERATION

1388. **Gorin E, Tal-Or Z, Shafrir E**: Glyceroneogenesis in adipose tissue of fasted, diabetic and triamcinolone treated rats. Europ J Biochem 8:370-5, Apr 69
*ADIPOSE TISSUE, enzymology/ ALLOXAN DIABETES, metabolism/ ANIMAL EXPERIMENTS/ ASPARTATE AMINOTRANSFERASE, metabolism/ CARBON ISOTOPES/ EPIDIDYMIS, enzymology/ FASTING/ FATTY ACIDS, metabolism/ *GLYCERIN, metabolism/ LIGASES, metabolism/ MALE/ PYRUVATE KINASE, metabolism/ *PYRUVATES, metabolism/

RATS/ TRIAMCINOLONE, pharmacodynamics/ TRIGLYCERIDES, metabolism

1389. **Gorins A, Netter A:** L'apport des norstéroides dans le traitement des cancers du sein en phase avancée.
Presse Med 77:817, 3 May 69 (Fre)
ACETATES, administration & dosage/ *BREAST NEOPLASMS, drug therapy/ DRUG TOLERANCE/ FEMALE/ HUMAN/ HYPERCALCEMIA, chemically induced/ METRORRHAGIA, chemically induced/ *NORETHINDRONE, administration & dosage/ *NORSTEROIDS, therapeutic use

1390. **Gorins A, Redon H, Baciesse F:** Table ronde sur: le traitement du cancer du sein.
Rev Franc Gynec Obstet 62:215-21, Apr-May 67 (Fre)
BREAST NEOPLASMS, diagnosis/ *BREAST NEOPLASMS, radiotherapy/ *BREAST NEOPLASMS, surgery/ CYTODIAGNOSIS/ FEMALE/ HORMONES/ HUMAN/ MAMMOGRAPHY

1391. **Gorlin RJ, Cohen MM Jr:** Frontometaphyseal dysplasia. A new syndrome.
Amer J Dis Child 118:487-94, Sep 69
ABNORMALITIES, MULTIPLE/ ADULT/ ANODONTIA/ ARACHNODACTYLY, complications/ *BONE AND BONES, abnormalities/ BONE AND BONES, radiography/ *BONE DISEASES/ CASE REPORT/ DEAFNESS, complications/ FACIAL BONES, abnormalities/ FRONTAL SINUS, abnormalities/ HIRSUTISM, complications/ HUMAN/ MALE

1392. **Gorlin RJ, Cohen MM Jr, Wolfson J:** Tricho-rhino-phalangeal syndrome.
Amer J Dis Child 118:595-9, Oct 69
ANEMIA, HYPOCHROMIC/ BONE AND BONES, abnormalities/ BONE AND BONES, radiography/ CASE REPORT/ CHILD/ CONSANGUINITY/ *EPIPHYSES, abnormalities/ FEMALE/ FOOT, abnormalities/ GROWTH/ GROWTH DISORDERS/ *HAIR, abnormalities/ HUMAN/ MENTAL RETARDATION/ NAILS, abnormalities/ *NOSE DEFORMITIES/ RESPIRATORY TRACT INFECTIONS/ TOOTH ABNORMALITIES

1393. **Gorman CA, Anderson JW, Flock EV, et al:** Effect of experimentally induced thyroiditis on biosynthesis of thyroxine in rats.
Acta Endocr (Kobenhavn) 62:11-20, Sep 69
ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ CHROMATOGRAPHY, PAPER/ FREUND'S ADJUVANT/ IODIDES, metabolism/ IODINE ISOTOPES, DIAGNOSTIC/ PROTEIN-BOUND IODINE TEST/ RATS/ THYROID GLAND, analysis/ THYROID GLAND, metabolism/ THYROID GLAND, pathology/ *THYROIDITIS, metabolism/ THYROIDITIS, pathology/ *THYROXINE, biosynthesis/ TISSUE EXTRACTS

1394. **Görög S, Hajós G:** Analysis of steroids. 13. Detection of 21-amno corticoseods on thin-layer chromatograms.
J Chromatogr 43:541-2, 23 Sep 69
AMINES, analysis/ CHROMATOGRAPHY, THIN LAYER/ *17-HYDROXYCORTICOSTEROIDS, analysis

1395. **Gościńska Z, Bartoszewicz B:** Postępujacy zespół zaburzeń neurologicznych u bliźniąt dwuzygotycznych.
Neurol Neurochir Pol 3:375-9, May-Jun 69 (Pol)
*AMAUROTIC FAMILIAL IDIOCY, familial & genetic/ CASE REPORT/ *CEREBRAL SCLEROSIS, DIFFUSE, diagnosis/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ *DISEASES IN TWINS, diagnosis/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ PEDIGREE/ *SEX CHROMOSOME ABNORMALITIES

1396. **Goslar HG, Grigoriadis P, Jaeger KH:** Die Wirkung eines Milzdialysates auf das Enzymmuster des infantilen Meerschweinchen- und Rattenhodens am normalen und hypophysektomierten Tier.
Arzneimittelforschung 19:1249-53, Aug 69 (Ger)
ANIMAL EXPERIMENTS/ CATTLE/ ENGLISH ABSTRACT/ *GLUCOSEPHOSPHATE DEHYDROGENASE, analysis/ GUINEA PIGS/ HYPOPHYSECTOMY/ *LACTATE DEHYDROGENASE, analysis/ LEYDIG CELLS, enzymology/ *LIPOAMIDE DEHYDROGENASE, analysis/ MALE/ *OXIDOREDUCTASES, analysis/ RATS/ *SPLEEN/ STIMULATION, CHEMICAL/ TESTIS, drug effects/ *TESTIS, enzymology/ *TISSUE EXTRACTS, pharmacodynamics

1397. **Goto M, Brooks CM:** Separable spike and plateau action potentials and their roles in contraction of frog ventricle.
Proc Soc Exp Biol Med 131:1427-31, Sep 69
*ACTION POTENTIALS/ ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ FROGS/ *HEART, physiology/ HEART VENTRICLE/ HYPERTONIC SOLUTIONS/ IN VITRO/ MANGANESE, pharmacodynamics/ *MUSCLE CONTRACTION/ *MYOCARDIUM/ SODIUM, physiology/ TETRODOTOXIN, pharmacodynamics

1398. **Gotovtseva VA, Gusakova EG, Korovkina AS:** Kolichestvennyĭ metod opredeleniia prednizona v prisutstvii kortizona v kul'tural'noĭ zhidkosti.
Lab Delo 2:101-2, 1969 (Rus)
*CORTISONE/ METHODS/ *PREDNISONE, analysis/ SPECTROPHOTOMETRY

1399. **Gottlieb SK:** Chromosomal abnormalities in certain human malignancies. A review.
JAMA 209:1063-6, 18 Aug 69 (18 ref.)
AGE FACTORS/ ANEUPLOIDY/ BREAST NEOPLASMS, familial & genetic/ CARCINOMA, familial & genetic/ CHILD/ *CHROMOSOME ABERRATIONS/ CHROMOSOMES, HUMAN, 16-18/ CHROMOSOMES, HUMAN, 21-22/ COLONIC NEOPLASMS, familial & genetic/ DIPLOIDY/ DISGERMINOMA, familial & genetic/ ENDOMETRIUM/ FEMALE/ HUMAN/ INTESTINAL NEOPLASMS, familial & genetic/ INTESTINE, LARGE/ LEIOMYOSARCOMA, familial & genetic/ LEUKEMIA, LYMPHOBLASTIC, familial & genetic/ LEUKEMIA, MYELOBLASTIC, familial & genetic/ LEUKEMIA, MYELOCYTIC, familial & genetic/ LUNG NEOPLASMS, familial & genetic/ LYMPHOMA, familial & genetic/ MALE/ MEDULLOBLASTOMA, familial & genetic/ MIDDLE AGE/ MITOSIS/ *NEOPLASMS, familial & genetic/ NEUROBLASTOMA, familial & genetic/ OVARIAN NEOPLASMS, familial & genetic/ REVIEW/ SARCOMA, RETICULUM CELL, familial & genetic/ SEX FACTORS/ STOMACH NEOPLASMS, familial & genetic/ TESTICULAR NEOPLASMS, familial & genetic

1400. **Goudonnet H:** Influence inhibitrice de quelques iodothyronines et de certains de leurs analogues structuraux sur l'activité de la glutamique deshydrogánase.
C R Soc Biol (Paris) 163:56-60, 1969 (Fre)
ACETIC ACIDS, pharmacodynamics/ AMINES, pharmacodynamics/ ANIMAL EXPERIMENTS/ CATTLE/ CHELATING AGENTS, pharmacodynamics/ *GLUTAMATE DEHYDROGENASE, antagonists & inhibitors/ *LIVER, enzymology/ SPECTROPHOTOMETRY/ *THYRONINE, pharmacodynamics

1401. **Goumaz CF:** Un cas de goitre intratrachéal.
Ann Otolaryng (Paris) 86:329-31, Jun 69 (Fre)
ADULT/ CASE REPORT/ FEMALE/ *GOITER/ GOITER, complications/ GOITER, diagnosis/ GOITER, surgery/ HUMAN/ LARYNGOSCOPY/ RADIOISOTOPE SCANNING/ *TRACHEAL NEOPLASMS/ TRACHEAL NEOPLASMS, diagnosis/ TRACHEAL NEOPLASMS, surgery/ TRACHEAL STENOSIS, etiology

1402. **Goutinho EM:** Oxytocic and antidiuretic effects of nausea in women.
Amer J Obstet Gynec 105:127-31, 1 Sep 69
ALCOHOL, ETHYL, pharmacodynamics/ *DIURESIS/ FEMALE/ HUMAN/ MUSCLE CONTRACTION/ NAUSEA, chemically induced/ NAUSEA, complications/ NAUSEA,

metabolism/ *NAUSEA, physiopathology/ PREGNANCY/ UTERUS, drug effects/ *UTERUS, physiology/ VASOPRESSIN, blood/ *VASOPRESSIN, secretion

1403. **Gower DB, Stern MI:** Steroid excretion and biosynthesis, with special reference to androst-16-enes, in a woman with a virilising adrenocortical carcinoma.
Acta Endocr (Kobenhavn) 60:265-75, Feb 69
ADRENAL CORTEX HORMONES, metabolism/ *ADRENAL GLAND NEOPLASMS, metabolism/ ADRENAL GLAND NEOPLASMS, urine/ ADULT/ ANDROGENS, metabolism/ ANDROSTANES, blood/ *ANDROSTANES, metabolism/ ANDROSTANES, urine/ ANDROSTENOL, metabolism/ CARBON ISOTOPES/ *CARCINOMA, metabolism/ CHROMATOGRAPHY, GAS/ FEMALE/ HUMAN/ RADIOAUTOGRAPHY

1404. **Grabovskiĭ LA, Moĭbenko AA:** Vliianie gipoksii miokarda na reaktivnost' koronarnykh sosudov.
Kardiologiia 9:61-7, Apr 69 (Rus)
ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ANOXIA, physiopathology/ BLOOD PRESSURE/ CORONARY VESSELS, drug effects/ *CORONARY VESSELS, physiopathology/ DOGS/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ EPINEPHRINE, pharmacodynamics/ LOBELINE, pharmacodynamics/ METHODS/ MYOCARDIAL INFARCT, physiopathology/ PERFUSION/ SEROTONIN, pharmacodynamics/ VASCULAR RESISTANCE/ VERATRINE, pharmacodynamics

1405. **Grace RH, Shilling JS:** Acute haemorrhage into the thyroid gland following trauma and causing respiratory distress.
Brit J Surg 56:635-7, Aug 69
ADULT/ FEMALE/ HEAD INJURIES, complications/ *HEMORRHAGE, etiology/ HUMAN/ *NECK, injuries/ *RESPIRATORY INSUFFICIENCY, etiology/ *THYROID DISEASES, etiology/ THYROID GLAND, pathology/ TRACHEAL DISEASES, radiography

1406. **Graf U, Piatkowska B, Würgler FE:** X-ray-induced recessive lethals in newly inseminated eggs of Drosophila melanogaster.
Mutat Res 7:385-92, May-Jun 69
ANIMAL EXPERIMENTS/ DROSOPHILA/ FEMALE/ GENES, LETHAL/ GENES, RECESSIVE/ INSEMINATION/ MALE/ MEIOSIS/ *MUTATION, radiation effects/ *OVUM, radiation effects/ *RADIATION GENETICS/ SEX CHROMOSOMES, radiation effects/ SPERMATOZOA

1407. **Graham WP 3d:** Surgical treatment of thyroid disease.
Delaware Med J 41:205-8, Jul 69
ADULT/ FEMALE/ *GOITER, surgery/ HUMAN/ *HYPERTHYROIDISM, surgery/ MALE/ MIDDLE AGE/ *THYROID NEOPLASMS, surgery

1408. **Grahn D, Sacher GA, Fry RJ, et al:** Survival of mice under daily gamma irradiation: progress report for incidence of some tumors. ANL-7535.
US AEC Argonne Nat Lab 74-6, Dec 68
ANIMAL EXPERIMENTS/ HEPATOMA, occurrence/ LIVER NEOPLASMS, occurrence/ LUNG NEOPLASMS, occurrence/ MICE/ NEOPLASMS, CONNECTIVE TISSUE, occurrence/ *NEOPLASMS, EXPERIMENTAL, occurrence/ *NEOPLASMS, RADIATION-INDUCED, occurrence/ OVARIAN NEOPLASMS, occurrence/ *RADIATION INJURY, EXPERIMENTAL

1409. **Grainick HR, Dittmar K:** Development of myeloblastoma with massive breast and ovarian involvement during remission in acute leukemia.
Cancer 24:746-9, Oct 69
ADOLESCENCE/ *BREAST NEOPLASMS, pathology/ FACIAL PARALYSIS, chemically induced/ FEMALE/ HUMAN/ *LEUKEMIA, MYELOBLASTIC, pathology/ *LEUKEMIA, MYELOCYTIC, pathology/ *MYOBLASTOMA, pathology/ NEOPLASM METASTASIS/ *NEOPLASMS, MULTIPLE PRIMARY/ *OVARIAN NEOPLASMS, pathology/ PIGMENTS/ *UTERINE NEOPLASMS, pathology/ VINCRISTINE, adverse effects

1410. **Gramegna A, Berti Riboli E, Gemma GB:** Pancreatite cronica calcifica: considerazioni etio-patogenetiche.
Arch Ital Chir 94:723-35, 1968 (Ita)
*CALCINOSIS, etiology/ CALCINOSIS, pathology/ CALCIUM, metabolism/ CHRONIC DISEASE/ GASTROINTESTINAL DISEASES, radiography/ HUMAN/ MALE/ MIDDLE AGE/ NECROSIS, pathology/ *PANCREATITIS, etiology/ PANCREATITIS, pathology

1411. **Grangaud R, Nicol M, Desplanques D:** Effect of vitamin A on enzymic conversion of the delta-5-3-beta-hydroxy- into delta-4-3-oxosteroids by adrenals of the rat.
Amer J Clin Nutr 22:991-1002, Aug 69
ACIDS, pharmacodynamics/ ADRENAL GLANDS, anatomy & histology/ ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, enzymology/ ADRENAL GLANDS, metabolism/ AGE FACTORS/ *ANDROSTANES, biosynthesis/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ CASTRATION/ DEHYDROEPIANDROSTERONE, metabolism/ FEMALE/ HYDROXYPREGNENOLONE, metabolism/ *HYDROXYPROGESTERONE, biosynthesis/ *HYDROXYSTEROID DEHYDROGENASE, metabolism/ IN VITRO/ *17-KETOSTEROIDS, biosynthesis/ ORGAN WEIGHT/ OVARY, physiology/ PREGNENOLONE, metabolism/ *PROGESTERONE, biosynthesis/ RATS/ STIMULATION, CHEMICAL/ VITAMIN A, pharmacodynamics/ VITAMIN A DEFICIENCY, enzymology/ *VITAMIN A DEFICIENCY, metabolism/ WEANING

1412. **Grant FB, Pang PK, Griffith RW:** The twenty-four-hour seminal hydration response in goldfish (Carassius auratus). I. Sodium, potassium, calcium, magnesium, chloride and osmolality of serum and seminal fluid.
Comp Biochem Physiol 30:273-80, 15 Jul 69
ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ *CHLORIDES, metabolism/ *CYPRINIDAE, physiology/ *MAGNESIUM, metabolism/ OSMOLAR CONCENTRATION/ *OSMOSIS/ PITUITARY GLAND/ *POTASSIUM, metabolism/ *SEMEN/ SODIUM, metabolism/ *TESTIS, drug effects/ TIME FACTORS/ TISSUE EXTRACTS, pharmacodynamics/ WATER-ELECTROLYTE BALANCE

1413. **Grasser H, Grötsch D:** POR 8, ein neuer Vasokonstriktor für zahnärztliche und kieferchirurgische Zwecke.
Deutsch Zahnaerztl Z 24:850-1, 1969 (Ger)
ANESTHESIA, DENTAL/ HUMAN/ *ORNITHINE, administration & dosage/ *VASOCONSTRICTOR AGENTS, administration & dosage/ *VASOPRESSIN, administration & dosage

1414. **Graszynski K, Siebers D, Tofaute I, et al:** Malatdehydrogenasen unterschiedlicher Herkunft: Hemmung durch Thyroxin.
Z Naturforsch [B] 24:783-4, Jun 69 (Ger)
ANIMAL EXPERIMENTS/ ANNELIDA/ BEES/ CHEMISTRY/ CRUSTACEA/ DIPTERA/ *MALATE DEHYDROGENASE, antagonists & inhibitors/ *MITOCHONDRIA, MUSCLE, enzymology/ MYOCARDIUM, cytology/ MYOCARDIUM, enzymology/ SWINE/ TAIL/ *THYROXINE

1415. **Gray AM:** Addison's disease and diffuse cerebral sclerosis.
J Neurol Neurosurg Psychiat 32:344-7, Aug 69
*ADDISON'S DISEASE, complications/ ADDISON'S DISEASE, diagnosis/ ADRENAL GLANDS, physiopathology/ ADULT/ BLOOD SEDIMENTATION/ *CEREBRAL SCLEROSIS, DIFFUSE, complications/ CEREBRAL SCLEROSIS, DIFFUSE, diagnosis/ CEREBRAL SCLEROSIS, DIFFUSE, familial & genetic/ CORTICOTROPIN, analysis/ HUMAN/ MALE

1416. **Gray TKMUNSON PL**: Thyrocalcitonin: evidence for physiological function. Science 166:512-3, 24 Oct 69
ANIMAL EXPERIMENTS/ ANIMAL FEED/ CALCIUM, blood/ *CALCIUM, metabolism/ FOOD DEPRIVATION/ HYPERCALCEMIA, chemically induced/ RATS/ *THYROCALCITONIN, physiology/ THYROID GLAND, physiology/ THYROIDECTOMY

1417. **Greaser ML, Cassens RG, Hoekstra WG, et al**: Purification and ultrastructural properties of the calcium accumulating membranes in isolated sarcoplasmic reticulum preparations from skeletal muscle. J Cell Physiol 74:37-50, Aug 69
ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ CENTRIFUGATION, DENSITY GRADIENT/ IN VITRO/ *MEMBRANES, metabolism/ MICROSCOPY, ELECTRON/ *MUSCLE CONTRACTION/ *MUSCLES, cytology/ RATS/ STAINS AND STAINING

1418. **Greaves MW**: The pharmacological basis for the rational use of topically applied corticosteroids. Pharmacol Physicians 3:1-5, Oct 69
ABSORPTION/ *ADRENAL CORTEX HORMONES, therapeutic use/ ANTI-INFLAMMATORY AGENTS, TOPICAL, adverse effects/ *ANTI-INFLAMMATORY AGENTS, TOPICAL, therapeutic use/ BRADYKININ, antagonists & inhibitors/ CHEMISTRY/ DIMETHYL SULFOXIDE, pharmacodynamics/ HUMAN/ HYDROCORTISONE, therapeutic use/ INFLAMMATION, drug therapy/ SKIN, drug effects

1419. **Green AI, Snyder SH, Iversen LL**: Separation of catecholamine-storing synaptosomes in different regions of rat brain.
J Pharmacol Exp Ther 168:264-71, Aug 69
ANIMAL EXPERIMENTS/ *BRAIN CHEMISTRY/ CARBON ISOTOPES/ CENTRIFUGATION, DENSITY GRADIENT/ CEREBRAL CORTEX, analysis/ HYPOTHALAMUS, analysis/ HYPOTHALAMUS, enzymology/ LACTATE DEHYDROGENASE, metabolism/ MALE/ MEDULLA OBLONGATA, analysis/ NERVE ENDINGS, metabolism/ *NOREPINEPHRINE, analysis/ NOREPINEPHRINE, metabolism/ PONS, analysis/ RATS/ THALAMUS, analysis/ THALAMUS, enzymology/ TRITIUM

1420. **Green K**: Structures of urinary metabolites of prostaglandin F2alpha in the rat.
Acta Chem Scand 23:1453-5, 1969
ANIMAL EXPERIMENTS/ PROSTAGLANDINS, metabolism/ *PROSTAGLANDINS, urine/ RATS/ SPECTRUM ANALYSIS

1421. **Green LJ, Gong JK, Neiders ME**: Relationship between Sr85 uptake and histological changes during healing in dental extraction wounds in rats.
Arch Oral Biol 14:865-72, Aug 69
ANIMAL EXPERIMENTS/ *BONE AND BONES, metabolism/ BONE DEVELOPMENT/ BONE RESORPTION, pathology/ FEMALE/ MAXILLA/ MOLAR/ RATS/ *STRONTIUM, metabolism/ STRONTIUM ISOTOPES/ TIME FACTORS/ *TOOTH EXTRACTION/ *WOUND HEALING

1422. **Greenbaum EI, Podolak G, O'Loughlin BJ**: The use of hysterography in the detection of hydatidiform mole.
Amer J Roentgen 105:885-9, Apr 69
ABORTION, diagnosis/ ABORTION, THREATENED, diagnosis/ ADULT/ ANEMIA, complications/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ GESTATIONAL AGE/ HUMAN/ HYDATIDIFORM MOLE, complications/ *HYDATIDIFORM MOLE, radiography/ *HYSTEROSALPINGOGRAPHY/ PREGNANCY/ PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PREGNANCY TOXEMIAS, complications/ UTERINE HEMORRHAGE, etiology/ VAGINA

1423. **Greenberg J**: L-dopa treatment too successful.
New Eng J Med 281:621, 11 Sep 69
AGED/ *DOPA, therapeutic use/ EXERTION/ FEMORAL NECK FRACTURES, complications/ HUMAN/ MALE/ MIDDLE AGE/ OSTEOPOROSIS, complications/ PARKINSONISM, complications/ *PARKINSONISM, drug therapy

1424. **Greengard P, Rudolph SA, Sturtevant JM**: Enthalpy of hydrolysis of the 3' bond of adenosine 3',5'-monophosphate and guanosine 3',5'-monophosphate.
J Biol Chem 244:4798-800, 10 Sep 69
*ADENINE NUCLEOTIDES/ ADENOSINE CYCLIC 3',5'-PHOSPHATE/ CALORIMETRY/ CATTLE/ CHEMISTRY/ *GUANINE NUCLEOTIDES/ METHODS/ MYOCARDIUM, enzymology/ PHOSPHATASES/ SPECTROPHOTOMETRY/ THERMODYNAMICS/ ULTRAVIOLET RAYS

1425. **Greer MA, Grimm Y, Inoue K**: Fate of iodide derived from intrathyroidal hyrolysis of thyroglobulin.
Endocrinology 85:837-45, Nov 69
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ DEPRESSION, CHEMICAL/ *IMIDAZOLES, pharmacodynamics/ *IODIDES, metabolism/ MALE/ METHIMAZOLE, pharmacodynamics/ *OUABAIN, pharmacodynamics/ *PERCHLORIC ACIDS, pharmacodynamics/ PERFUSION/ *PROPYLTHIOURACIL, pharmacodynamics/ RATS/ *THYROGLOBULIN, metabolism/ *THYROID ANTAGONISTS, pharmacodynamics/ THYROID GLAND, drug effects/ *THYROID GLAND, metabolism

1426. **Gregersen M, Kornerup V**: Cerebral trombose ved oral antikonception. Nord Med 81:946-8, 31 Jul 69 (Dan)
*CEREBRAL EMBOLISM AND THROMBOSIS, chemically induced/ *CONTRACEPTIVES, ORAL, adverse effects/ *DIABETES MELLITUS, complications/ DYSMENORRHEA, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LYNESTRENOL, adverse effects/ MIDDLE AGE

1427. **Greggia A, Razzaboni G, Setti L**: Azione cardiaca dei beta-bloccanti. VI. La di-INPEA puo' essere resa capace di prevenire gli effetti elettrocardiografici della pitressina dalla aminofillina.
Boll Soc Ital Biol Sper 44:1780-3, 15 Nov 68 (Ita)
*AMINO ALCOHOLS, pharmacodynamics/ *AMINOPHYLLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ELECTROCARDIOGRAPHY/ *HEART, drug effects/ *NITROBENZENES, pharmacodynamics/ RATS/ *SYMPATHOLYTICS, pharmacodynamics/ *VASOPRESSIN, pharmacodynamics

1428. **Gregl A**: Gutartige Tumoren der menschlichen Brustdrüse. Med Klin 64:1127-32, 13 Jun 69 (Ger)
*ADENOFIBROMA/ ADENOFIBROMA, surgery/ *ADENOMA/ ADENOMA, surgery/ ADULT/ BREAST, growth & development/ BREAST, physiology/ BREAST DISEASES, diagnosis/ BREAST DISEASES, drug therapy/ BREAST DISEASES, radiography/ *BREAST NEOPLASMS/ BREAST NEOPLASMS, surgery/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ *FIBROMA/ FIBROMA, surgery/ GYNECOMASTIA, diagnosis/ GYNECOMASTIA, therapy/ HUMAN/ MALE/ MAMMOGRAPHY/ MIDDLE AGE/ *PAPILLOMA/ PAPILLOMA, surgery/ PRECANCEROUS CONDITIONS, diagnosis/ SEX HORMONES, therapeutic use

1429. **Grégoire L**: Les Oestrogènes et les progestagènes.
Rev Med Liege 22:220, 15 Apr 67 (Fre)
CONTRACEPTIVE AGENTS, pharmacodynamics/ *CONTRACEPTIVES, ORAL, therapeutic use/ ESTROGENS, pharmacodynamics/ *ESTROGENS, therapeutic use/ FEMALE/ HUMAN/ PROGESTATIONAL HORMONES, pharmacodynamics/ *PROGESTATIONAL HORMONES, therapeutic use

1430. **Greiser AE, Kaminir EM**: K voprosu ob ob"ektivnoi registratsii sosudistogo shuma nad shchitovidnoi

zhelezoĭ pri tireotoksikoze.
Probl Endokr (Moskva) 15:37-40, Mar-Apr 69 (Rus)
*AUSCULTATION/ ENGLISH ABSTRACT/ HUMAN/ *HYPERTHYROIDISM, diagnosis/ *PHONOCARDIOGRAPHY/ THYROID GLAND, physiopathology

1431. **Grewal KS, Dixit RP, Sil DR:** A comparative study of therapeutic regimens with and without corticosteroids in the treatment of tuberculous pleural effusion. J Indian Med Ass 52:514-6, 1 Jun 69
ADOLESCENCE/ ADULT/ *ANTITUBERCULAR AGENTS, administration & dosage/ CHILD/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ *HYDROCORTISONE, administration & dosage/ MALE/ MIDDLE AGE/ *PLEURAL EFFUSION, therapy/ *PREDNISOLONE, administration & dosage/ *TUBERCULOSIS, PLEURAL, complications

1432. **Grief RL, Eich EF:** Functional alterations in rat thyroid ribosomes. Endocrinology 85:855-60, Nov 69
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CENTRIFUGATION, DENSITY GRADIENT/ GOITER, chemically induced/ GOITER, metabolism/ MALE/ PHENYLALANINE, metabolism/ POLYNUCLEOTIDES, metabolism/ PROTEINS, analysis/ PROTEINS, biosynthesis/ RATS/ *RIBOSOMES, metabolism/ RNA, MESSENGER, metabolism/ THIOURACIL/ THYROID GLAND, cytology/ *THYROID GLAND, metabolism/ THYROTROPIN, pharmacodynamics/ URACIL NUCLEOTIDES, metabolism

1433. **Griglio S, Goranov I, Lavau M, et al:** Etude des activités enzymatiques du foie et du tissu adipeux épididymaire du rat Wistar H au cours de l'administration à long terme d'un régime hyperlipidique. I. Evolution des activités avec le temps. Enzym Biol Clin (Basel) 10:187-208, 1969 (Fre)
*ADIPOSE TISSUE, enzymology/ AGING/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ *DIETARY FATS, metabolism/ ENGLISH ABSTRACT/ EPIDIDYMIS, anatomy & histology/ EPIDIDYMIS, enzymology/ GLUCOCORTICOIDS, pharmacodynamics/ GLUCONEOGENESIS/ GLUCOSEPHOSPHATASE, metabolism/ GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ GLYCEROLPHOSPHATE DEHYDROGENASE, metabolism/ HEXOKINASE, metabolism/ INSULIN, pharmacodynamics/ LACTATE DEHYDROGENASE, metabolism/ LIVER, anatomy & histology/ *LIVER, enzymology/ MALATE DEHYDROGENASE, metabolism/ MALE/ OBESITY, enzymology/ ORGAN WEIGHT/ PHOSPHOGLUCOMUTASE, metabolism/ PHOSPHOGLUCONATE DEHYDROGENASE, metabolism/ PROTEINS, biosynthesis/ RATS/ TIME FACTORS

1434. **Grigor'ev PIa, Veselukhina AI:** Kompleksnoe konservativnoe lechenie tireotoksicheskogo zoba. Sovet Med 32:143-5, Jun 69 (Rus)
FEMALE/ GOITER, EXOPHTHALMIC, drug therapy/ GOITER, EXOPHTHALMIC, surgery/ *GOITER, EXOPHTHALMIC, therapy/ HUMAN/ IODINE ISOTOPES, therapeutic use/ MALE/ THYROIDECTOMY

1435. **Grigor'ian VA:** Revmatizm v sochetanii s éndemicheskim zobom.
Vrach Delo 10:62-4, Oct 67 (Rus)
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ *GOITER, blood/ GOITER, complications/ HUMAN/ INFANT/ MALE/ METHODS/ MIDDLE AGE/ *MUCOPROTEINS, blood/ *RHEUMATISM, blood/ RHEUMATISM, complications

1436. **Griñó E, Domínguez R, Sas J, et al:** Comparative study of ovarian hypertrophy and estral cycle in rats with two different mesencephalic lesions.
J Neurovisc Relat 31:76-85, 1968
ALKALINE PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ CORPUS LUTEUM, pathology/ CYBERNETICS/ ENDOCRINE DISEASES, pathology/ *ESTRUS/ FEMALE/ GONADOTROPINS, PITUITARY, secretion/ HYPERTROPHY/ *MESENCEPHALON, physiology/ ORGAN WEIGHT/ *OVARIAN DISEASES, pathology/ OVARY, enzymology/ OVARY, pathology/ PERIODICITY/ PITUITARY GLAND, pathology/ RATS/ *RETICULAR FORMATION, physiology/ TIME FACTORS/ VAGINAL SMEARS

1437. **Grintsevich II, Oksova EE:** Patomorfologicheskie izmeneniia v iadrakh perednego gipotalamusa pri gipertonicheskoĭ bolezni.
Vrach Delo 6:87-90, Jun 69 (Rus)
AGED/ ENGLISH ABSTRACT/ HUMAN/ *HYPERTENSION, pathology/ *HYPOTHALAMUS, pathology/ MIDDLE AGE

1438. **Grivaux M, Gentilini M, Soulié J, et al:** Adénolipomatose symétrique de Launois et Bensaude et troubles du métabolisme lipidique.
Sem Hop Paris 45:1958-66, 14 Jun 69 (Fre)
ABDOMINAL NEOPLASMS/ ADULT/ ALCOHOLISM, complications/ ENGLISH ABSTRACT/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ HYPERLIPEMIA, etiology/ LIPIDS, blood/ *LIPIDS, metabolism/ LIPOMA/ *LIPOMATOSIS/ LIPOPROTEINS, metabolism/ MALE/ MIDDLE AGE/ NECK NEOPLASMS/ TRIGLYCERIDES, metabolism

1439. **Grobecker H, Palm D, Bak IJ, et al:** Zur Frage einer "reserpinartigen" Wirkung von Prenylamin (Segontin)
Naunyn Schmiedeberg Arch Pharm 263:215-6, 1969 (Ger)
ANIMAL EXPERIMENTS/ BRAIN, metabolism/ CARBON ISOTOPES/ DOPAMINE, metabolism/ ENZYME INDUCTION/ MICROSOMES, enzymology/ MYOCARDIUM, metabolism/ NOREPINEPHRINE, metabolism/ PRENYLAMINE, metabolism/ *PRENYLAMINE, pharmacodynamics/ *PROADIFEN, pharmacodynamics/ RATS/ *RESERPINE, pharmacodynamics/ SEROTONIN, metabolism

1440. **Grochulski A:** Kolorymetryczne oznaczanie prednizolonu w masci: chlorowodorek oksytetracykliny--fosforan oleandomycyny--prednizolon.
Acta Pol Pharm 26:273-4, 1969 (Pol)
CHLORIDES/ *COLORIMETRY/ *OINTMENTS/ OLEANDOMYCIN/ *OXYTETRACYCLINE/ PHOSPHATES/ *PREDNISOLONE, TOPICAL, analysis

1441. **Gromadzki W, Lukasik J, Młodziński E, et al:** Poronienia nawykowe i porody niewczesne w świetle danych przyczynowych i leczniczych.
Ginek Pol 40:877-91, Aug 69 (Pol)
*ABORTION, HABITUAL, etiology/ *ABORTION, HABITUAL, therapy/ CERVIX DISEASES, complications/ ENDOCRINE DISEASES, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LABOR, PREMATURE, etiology/ *LABOR, PREMATURE, therapy/ PREGNANCY/ TOXOPLASMOSIS, complications

1442. **Groniowski J, Roszkowski I, Ottowicz J:** Pneumopelwigrafia w endokrynologii kobiecej.
Pol Przegl Radiol 33:161-71, Mar-Apr 69 (Pol)
*AMENORRHEA, etiology/ *ENDOCRINE DISEASES, radiography/ ENGLISH ABSTRACT/ FEMALE/ *GYNECOLOGIC DISEASES, radiography/ HUMAN/ PNEUMOPERITONEUM, ARTIFICIAL/ *SEX DIFFERENTIATION DISORDERS, radiography

1443. **Groot AW de:** Een zwangere met hemolytische anemie.
Nederl T Verlosk 69:283-6, Aug 69 (Dut)
ADULT/ *ANEMIA, HEMOLYTIC, AUTOIMMUNE/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, drug therapy/ CASE REPORT/ FEMALE/ HUMAN/ PREDNISONE, therapeutic use/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC

1444. **Gross R:** Therapie thrombozytärer Erkrankungen.

Haemat Bluttransfus 6:176-89, 1969 (Ger)
*BLOOD PLATELET DISORDERS, therapy/ BONE MARROW, transplantation/ CORTICOSTERONE, therapeutic use/ HEMOSTATICS/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ PYRIMETHAMINE, therapeutic use/ SPLENECTOMY/ THROMBOCYTOSIS/ THROMBOPENIA, classification

1445. **Gross SR, Arow L, Pratt WB:** The active transport of cortisol by mouse fibroblasts growing in vitro.
Proc West Pharmacol Soc 12:54-8, 1969
ADRENAL GLAND NEOPLASMS/ ANIMAL EXPERIMENTS/ *BIOLOGICAL TRANSPORT, ACTIVE/ CARBON ISOTOPES/ CELL LINE/ *FIBROBLASTS, metabolism/ HUMAN/ HYDROCORTISONE, analysis/ *HYDROCORTISONE, metabolism/ IN VITRO/ L CELLS/ LUNG/ MICE/ TISSUE CULTURE/ TRITIUM

1446. **Gross W, Suchan P, Bauer H:** Die Wirkung einer Diuretikakombination auf den Elektrolythaushalt der Erythrozyten und des Serums.
Med Welt 7:349-52, 15 Feb 69 (Ger)
*BENZOTHIADIAZINES, pharmacodynamics/ *CHLORIDES, blood/ *ERYTHROCYTES, metabolism/ HUMAN/ *POTASSIUM, blood/ *SODIUM, blood/ *SPIRONOLACTONE, pharmacodynamics

1447. **Grossman A, Boctor AM, Lane B:** Dependence of pancreatic integrity on adrenal and ovarian secretions. Endocrinology 85:956-9, Nov 69
*ADRENAL CORTEX HORMONES, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ ELECTROPHORESIS, DISK/ *ESTROGENS, physiology/ FEMALE/ LIVER, metabolism/ MALE/ OVARY, surgery/ *PANCREAS, physiology/ PANCREATIC EXTRACTS, analysis/ PROTEINS, analysis/ *PROTEINS, metabolism/ RATS/ *TRIAMCINOLONE ACETONIDE, pharmacodynamics/ UREA

1448. **Grossmann V:** Mechanism of the effect of 5-HT antagonists (antiserotonins) in migraine.
Sborn Ved Prac Lek Fak Karlov Univ 11:749-56, 1968
ANIMAL EXPERIMENTS/ HUMAN/ *MALEATES, therapeutic use/ *METHYSERGIDE, therapeutic use/ *MIGRAINE, drug therapy/ RATS/ *SEROTONIN, antagonists & inhibitors/ SEROTONIN, pharmacodynamics

1449. **Grota LJ, Ader R:** Effects of litter size on emotionality, adrenocortical reactivity, and susceptibility to gastric erosions in the rat. Psychol Rep 24:547-9, Apr 69
ANIMAL EXPERIMENTS/ *CORTICOSTERONE, blood/ *EMOTIONS/ FAMILY CHARACTERISTICS/ RATS/ *STOMACH ULCER

1450. **Grote W:** [Malformations in rabbit embryos after maternal blood loss]
German Med Monthly 14:241-2, May 69 (Mul)
*ABNORMALITIES/ ANIMAL EXPERIMENTS/ *BONE AND BONES, abnormalities/ *HEMORRHAGE/ MATERNAL-FETAL EXCHANGE/ PREGNANCY/ RABBITS

1451. **Grouchy J de, Lumbroso P:** Fréquence élevée de spermatocytes primaires avec 2 N tétrades dans une biopsie testiculaire.
Ann Genet (Paris) 12:65-6, Mar 69 (Fre)
ADULT/ ENGLISH ABSTRACT/ HUMAN/ KARYOTYPING/ MALE/ MEIOSIS/ *POLYPLOIDY/ *STERILITY, MALE, familial & genetic/ TESTIS, pathology

1452. **Grunow W, Bär F:** Rückstande von Arzneimitteln in Lebensmitteln tierischer Herkunft. Grundlagen für die ernährungshygienische Beurteilung der Verwendung von Arznei- und Masthilfsmitteln im Tierfutter.
Med Mschr 22:98-104, Mar 68 (51 ref.) (Ger)
ANIMAL FEED/ ANTHELMINTICS, adverse effects/ ANTIBIOTICS, adverse effects/ ARSENIC, adverse effects/ FOOD/ *FOOD ANALYSIS/ *FOOD CONTAMINATION/ FOOD INSPECTION/ HORMONES, adverse effects/ HUMAN/ INSECTICIDES, adverse effects/ NITRITES, adverse effects/ NITROFURANS, adverse effects/ REVIEW/ SULFONAMIDES, adverse effects/ THIAZOLES, adverse effects/ TRANQUILIZING AGENTS, adverse effects

1453. **Grupe WE, Heymann W:** Increased proteinuria due to steroid therapy in chronic renal disease.
J Pediat 75:524-5, Sep 69
*ADRENAL CORTEX HORMONES, adverse effects/ HUMAN/ *KIDNEY DISEASES, drug therapy/ *PROTEINURIA, chemically induced

1454. **Grupper C, Bourgeois-Spinasse J:** Pemphigus vulgaire. Complications post-cortisoniques, osseuses, musculaires et métoboliques.
Bull Soc Franc Derm Syph 76:82-4, 1969 (Fre)
*BONE DISEASES, chemically induced/ *DIABETES MELLITUS, chemically induced/ FEMALE/ *GLUCOCORTICOIDS, adverse effects/ HUMAN/ MIDDLE AGE/ *MUSCULAR DISEASES, chemically induced/ *PEMPHIGUS, drug therapy/ TRIAMCINOLONE, adverse effects

1455. **Gruss JD, Sonderkamp HM:** Contribution à l'étude scintigraphique parathyroïdienne.
Presse Med 77:1235-6, 6 Sep 69 (Fre)
*ADENOMA, diagnosis/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERPARATHYROIDISM/ HYPERPLASIA, diagnosis/ METHIONINE, administration & dosage/ METHIONINE, diagnostic use/ METHODS/ MIDDLE AGE/ PARATHYROID GLANDS/ *PARATHYROID NEOPLASMS, diagnosis/ *RADIOISOTOPE SCANNING/ RADIOISOTOPES/ SELENIUM

1456. **Grynszpan-Winograd O:** Persistance des synapses au niveau de cellules chromaffines en mitose, pendant le développement.
C R Acad Sci [D] (Paris) 269:348-50, 1969 (Fre)
*ADRENAL MEDULLA, cytology/ ADRENAL MEDULLA, innervation/ AGING/ ANIMAL EXPERIMENTS/ *CHROMAFFIN SYSTEM/ EPINEPHRINE/ MICROSCOPY, ELECTRON/ *MITOSIS/ NOREPINEPHRINE/ RATS/ *SYNAPSES, growth & development

1457. **Guardabassi A, Dore B, Clerici P:** La calcemia in rospi adulti normali privati del corpo prepericardico trattati con paratormone e con calcitonina. Primi risultati. Ric Sci 38:742-4, Jul-Aug 68 (Ita)
ANIMAL EXPERIMENTS/ *BRANCHIAL REGION, physiology/ *CALCIUM, blood/ FEMALE/ MALE/ *PARATHYROID HORMONE, pharmacodynamics/ *THYROCALCITONIN, pharmacodynamics/ *TOADS

1458. **Guedenet JC, Violle C, Grignon M:** Etude de l'activité monoaminoxydasique au niveau de la neurohypophyse de poussin pendant la vie embryonnaire.
C R Soc Biol (Paris) 162:2252-4, 1968 (Fre)
ANIMAL EXPERIMENTS/ CHICK EMBRYO/ MICROSCOPY, ELECTRON/ *MONOAMINE OXIDASE, metabolism/ *PITUITARY GLAND, POSTERIOR, embryology/ *PITUITARY GLAND, POSTERIOR, enzymology/ PITUITARY GLAND, POSTERIOR, innervation/ STAINS AND STAINING

1459. **Guerra RL, Menchaca JR:** Biopsia por punción del tiroides. Bull Soc Int Chir 27:612-7, Nov-Dec 68 (Spa)
BIOPSY/ ENGLISH ABSTRACT/ HUMAN/ METHODS/ *THYROIDITIS, LYMPHOMATOUS, pathology

1460. **Guggenheim FG, Pollin W, Stabenau JR, et al:** Prevalence of physical illness in parents of identical twins discordant for schizophrenia.
Psychosom Med 31:288-99, Jul-Aug 69
ADOLESCENCE/ ADULT/ AGED/ *DISEASES IN TWINS/ EDUCATIONAL STATUS/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *MORBIDITY/ OCCUPATIONS/ *PARENTS/ *SCHIZOPHRENIA, CHILDHOOD/ SOCIAL

CLASS/ *STRESS, PSYCHOLOGIC/ *THYROID DISEASES

1461. **Guida CA, Lombardi P:** Sull'uso di un unguento idrofilico al flurandrenolone nel trattamento locale delle ustioni della mano.
Policlinico [Chir] 74:366-9, Sep-Oct 67 (Ita)
*BURNS, drug therapy/ *FLURANDRENOLONE, administration & dosage/ *HAND INJURIES, drug therapy/ HUMAN/ NEOMYCIN, therapeutic use/ OINTMENTS

1462. **Guillemant S, Corvol P, Crepy O, et al:** Action du cyprotérone sur la liaison plasmatique et le métabolisme de la testostérone.
C R Acad Sci [D] (Paris) 268:2595-7, 28 May 69 (Fre)
ACETATES, pharmacodynamics/ ANDROSTANES, biosynthesis/ ANDROSTANES, urine/ ANDROSTERONE, urine/ CARBON ISOTOPES/ ETIOCHOLANOLONE, urine/ FEMALE/ GLUCURONATES, metabolism/ HIRSUTISM, metabolism/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, biosynthesis/ 17-HYDROXYCORTICOSTEROIDS, pharmacodynamics/ 17-HYDROXYCORTICOSTEROIDS, urine/ 17-KETOSTEROIDS, urine/ MALE/ *PREGNANES, pharmacodynamics/ PROTEIN BINDING/ STANOLONE, metabolism/ STEROLS, biosynthesis/ STEROLS, urine/ SULFATES, metabolism/ *TESTOSTERONE, metabolism/ TRITIUM

1463. **Guillen Asensio V:** Arteritis temporal.
An Esp Odontoestomat 28:284-92, Jul-Aug 69 (Spa)
ANTICOAGULANTS/ AZATHIOPRINE, therapeutic use/ CORTISONE, therapeutic use/ HUMAN/ MERCAPTOPURINE, therapeutic use/ TEMPORAL ARTERIES, surgery/ *TEMPORAL ARTERITIS/ TEMPORAL ARTERITIS, drug therapy/ TEMPORAL ARTERITIS, surgery/ VASODILATOR AGENTS

1464. **Guinet P, Revol A, Tourniaire J:** Les tumeurs androgéniques cortico-surrénales.
Maroc Med 47:296-305, Apr 67 (Fre)
*ADRENAL CORTEX HORMONES, metabolism/ *ADRENAL GLAND NEOPLASMS/ ADRENAL GLAND NEOPLASMS, diagnosis/ ADRENAL GLAND NEOPLASMS, etiology/ ADRENAL GLAND NEOPLASMS, physiopathology/ ADRENAL GLAND NEOPLASMS, urine/ ADRENOGENITAL SYNDROME, etiology/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ MALE

1465. **Gul B, Dils R:** Enzymic changes in rabbit and rat mammary gland during the lactation cycle.
Biochem J 112:293-301, Apr 69
ANIMAL EXPERIMENTS/ CARBON DIOXIDE, metabolism/ CARBON ISOTOPES/ DNA/ FATTY ACIDS, biosynthesis/ FEMALE/ *GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ *ISOCITRATE DEHYDROGENASE, metabolism/ *LACTATION/ *LIGASES, metabolism/ *MALATE DEHYDROGENASE, metabolism/ MAMMAE, cytology/ *MAMMAE, enzymology/ MILK/ *MITOCHONDRIA, enzymology/ NAD, metabolism/ NADP, metabolism/ *PHOSPHOGLUCONATE DEHYDROGENASE, metabolism/ PREGNANCY/ PUERPERIUM/ PYRUVATES/ RABBITS/ RATS/ SOLUBILITY/ SPECIES SPECIFICITY/ TIME FACTORS/ WEANING

1466. **Gumaa KA, MacLeod RM, McLean P:** The pentose phosphate pathway of glucose metabolism. Influence of a growth-hormone-secreting pituitary tumour on the oxidative and non-oxidative reactions of the cycle in liver. Biochem J 113:215-20, Jun 69
ANIMAL EXPERIMENTS/ FEMALE/ GLUCOKINASE, analysis/ *GLUCOSE, metabolism/ GLUCOSEPHOSPHATE DEHYDROGENASE, analysis/ HEXOKINASE, analysis/ ISOMERASES, analysis/ LIVER, enzymology/ *LIVER, metabolism/ NEOPLASMS, EXPERIMENTAL, metabolism/ *PENTOSEPHOSPHATES, metabolism/ PHOSPHOGLUCOMUTASE, analysis/ PHOSPHOGLUCONATE DEHYDROGENASE, analysis/ *PITUITARY NEOPLASMS, metabolism/ RATS/ RNA, biosynthesis/ *SOMATOTROPIN, physiology/ TRANSFERASES, analysis

1467. **Gumaa KA, Novello F, McLean P:** The pentose phosphate pathway of glucose metabolism. Hormonal and dietary control of the oxidative nd non-oxidative reactions and related enzymes of the cycle in adipose tissue. Biochem J 114:253-64, Sep 69
*ADIPOSE TISSUE, metabolism/ ADRENALECTOMY/ ALLOXAN DIABETES, enzymology/ ANIMAL EXPERIMENTS/ CORTISONE, pharmacodynamics/ *DIET/ DIETARY CARBOHYDRATES/ DIETARY FATS/ GLUCAGON, pharmacodynamics/ *GLUCOSE, metabolism/ GLUCOSEPHOSPHATE DEHYDROGENASE, analysis/ INSULIN, pharmacodynamics/ ISOMERASES, analysis/ LIVER, enzymology/ MALE/ *PENTOSEPHOSPHATES, metabolism/ PHOSPHOGLUCONATE DEHYDROGENASE, analysis/ RATS/ STARVATION/ THYROIDECTOMY/ TRANSFERASES, analysis

1468. **Gunnells JC Jr, McGuffin WL Jr, Johnsrude I, et al:** Peripheral and renal venous plasma renin activity in hypertension. Ann Intern Med 71:555-75, Sep 69
ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ *HYPERTENSION, blood/ HYPERTENSION, MALIGNANT, blood/ HYPERTENSION, RENAL, blood/ HYPERTENSION, RENAL, surgery/ KIDNEY DISEASES, complications/ MALE/ MIDDLE AGE/ RENAL ARTERY OBSTRUCTION, blood/ RENAL ARTERY OBSTRUCTION, surgery/ *RENAL VEINS/ *RENIN, blood

1469. **Günther R, Boros A:** Kollagenosen. Zur Klinik und Therapie des Lupus erythematodes disseminatus, der progressiven Sklerodermie und der Dermatomyositis.
Hippokrates 40:626-34, 31 Aug 69 (Ger)
*COLLAGEN DISEASES/ DERMATOMYOSITIS, drug therapy/ DERMATOMYOSITIS, physiopathology/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ LUPUS ERYTHEMATOSUS, SYSTEMIC, physiopathology/ PENICILLAMINE, therapeutic use/ PREDNISOLONE, therapeutic use/ SCLERODERMA, drug therapy/ SCLERODERMA, physiopathology

1470. **Günzler O, Jöchle W, Mauer M, et al:** Versuche zur Beeinflussung prä- und postpartaler Odeme beim Rind durch Gestagene.
Deutsch Tieraerztl Wschr 76:396-402, 1 Aug 69 (Ger)
ACETATES, therapeutic use/ ANIMAL EXPERIMENTS/ CATTLE/ *CATTLE DISEASES, drug therapy/ *CHLORMADINONE, therapeutic use/ *EDEMA, drug therapy/ *EDEMA, veterinary/ ENGLISH ABSTRACT/ FEMALE/ FLUMETHASONE, therapeutic use/ *FLUORINE, therapeutic use/ *GLUCOCORTICOIDS, therapeutic use/ INJECTIONS, INTRAMUSCULAR/ PREGNANCY/ *PREGNANCY COMPLICATIONS, veterinary/ *PREGNANES, therapeutic use/ *PUERPERAL DISORDERS, veterinary/ UDDER

1471. **Gupta D, Butler H:** Excretion of testosterone and epitestosterone glucuronides in pre-school, pre-adolescent and adolescent children.
Steroids 14:343-67, Sep 69
ADOLESCENCE/ AGE FACTORS/ BONE DEVELOPMENT/ CHILD/ CHILD, PRESCHOOL/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, PAPER/ FEMALE/ *GLUCURONATES, urine/ HUMAN/ MALE/ METHODS/ SEX FACTORS/ *TESTOSTERONE, urine

1472. **Gupta JS, Singh K, Gupta SD:** Proptosis migrans.
J All India Ophthal Soc 16:85-8, Jun 68
*EXOPHTHALMOS, etiology/ HUMAN/ MALE/

MIDDLE AGE/ *THROMBOPHLEBITIS, complications

1473. Gupta KK, Kulshrestha RP: Bilateral orbital involvement in nasopharyngeal carcinoma.
J All India Ophthal Soc 16:98-100, Jun 68
ADOLESCENCE/ *CARCINOMA, complications/ CARCINOMA, radiotherapy/ EXOPHTHALMOS, etiology/ HUMAN/ MALE/ *NASOPHARYNGEAL NEOPLASMS, complications/ NASOPHARYNGEAL NEOPLASMS, radiotherapy/ RADIOTHERAPY, adverse effects/ VISION DISORDERS, etiology

1474. Gütgemann A, Schriefers KH, Esser G, et al: Erfahrungsbericht über eine homologe Lebertransplantation.
Deutsch Med Wschr 94:1713-7, 29 Aug 69 (Ger)
ADULT/ ALKALINE PHOSPHATASE, blood/ AMINOTRANSFERASES, blood/ ANTI-ANTIBODIES, administration & dosage/ AZATHIOPRINE, administration & dosage/ BILIRUBIN, blood/ BLOOD PROTEINS, metabolism/ BODY TEMPERATURE/ *COMMON BILE DUCT, surgery/ HEPATIC DUCT, surgery/ HEPATOMA, surgery/ HUMAN/ JEJUNUM, surgery/ LEUKOCYTE COUNT/ *LIVER, transplantation/ LIVER NEOPLASMS, blood/ LIVER NEOPLASMS, surgery/ LYMPHOCYTES/ MALE/ METHODS/ NECROSIS, surgery/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ PREDNISONE, administration & dosage/ TRANSPLANTATION, HOMOLOGOUS

1475. Gutkin VI, Komarov GP: O vlianii depankreatizatsii na izmenenila kontsentratsii neorganicheskikh ionov v tkaniakh i plazme krovi.
Fiziol Zh SSSR Sechenov 54:583-7, May 68 (Rus)
ANIMAL EXPERIMENTS/ CALCIUM, blood/ *CALCIUM, metabolism/ CYTOPLASM, analysis/ FROGS/ LIVER, metabolism/ MAGNESIUM, blood/ *MAGNESIUM, metabolism/ MUSCLES, metabolism/ MYOCARDIUM, metabolism/ *PANCREAS, physiology/ PANCREATECTOMY/ POTASSIUM, blood/ *POTASSIUM, metabolism/ SODIUM, blood/ *SODIUM, metabolism/ *WATER-ELECTROLYTE BALANCE

1476. Gutman Y, Benzakein F: Relation of kidneys and adrenal glands to hypovolemic thirst.
Israel J Med Sci 5:411-3, May-Jun 69
*ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ DRINKING/ *KIDNEY, physiology/ MALE/ NEPHRECTOMY/ RATS/ *THIRST

1477. Gutman Y, Benzakein F, Chaimovitz M: Effect of illumination on water intake, thirst, and urine output in the rat.
Amer J Physiol 217:471-4, Aug 69
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *DRINKING BEHAVIOR/ FOOD DEPRIVATION/ *LIGHT/ MALE/ METHODS/ OSMOLAR CONCENTRATION/ RATS/ *THIRST/ URINE, analysis/ VISION

1478. Gutzu E, Lausch L, Bene M: Le syndrome du testicule féminisant et ses aspects chirurgicaux.
Ann Chir 21:1323-30, Oct 67 (Fre)
ADOLESCENCE/ ADULT/ FEMALE/ HUMAN/ *SEX DIFFERENTIATION DISORDERS, surgery/ TESTICULAR FEMINIZATION, surgery/ VAGINA, surgery

1479. Guyton AC, Coleman TG, Fourcade JC, et al: Physiologic control of arterial pressure.
Bull NY Acad Med 45:811-30, Sep 69
ANGIOTENSIN, physiology/ *ARTERIES/ ARTERIOVENOUS FISTULA/ *BLOOD PRESSURE, physiology/ BODY FLUIDS/ CAPILLARY RESISTANCE, physiology/ CARDIAC OUTPUT/ *CAROTID SINUS, physiology/ *CHEMORECEPTORS, physiology/ COMPUTERS, DIGITAL/ HUMAN/ *KIDNEY, physiology/ *PRESSORECEPTORS, physiology/ RENIN, physiology

1480. György G, Kun M, László J, et al: Hüvelyképzés sigmabélböl testicularis feminizáció esetében.
Orv Hetil 110:1790-4, 3 Aug 69 (Hun)
ADULT/ ENGLISH ABSTRACT/ *HERMAPHRODITISM/ HUMAN/ KARYOTYPING/ MALE/ *SEX DIFFERENTIATION DISORDERS, surgery/ TESTICULAR FEMINIZATION/ *VAGINA, surgery

H

1481. Haacke H, Boos R, Weisbecker L: Der intravenöse Glukose-Toleranz-Test und der intravenöse Glukose-Cortison-Toleranz-Test in Verbindung mit dem Verhalten des anorganischen Serumphosphates.
Aerztl Forsch 23:95-9, 1969 (Ger)
ADULT/ BLOOD SUGAR, analysis/ COMPARATIVE STUDY/ *CORTISONE, diagnostic use/ DIABETES MELLITUS, diagnosis/ FEMALE/ *GLUCOSE TOLERANCE TEST/ HUMAN/ MALE/ MIDDLE AGE/ *PHOSPHATES, blood/ TIME FACTORS

1482. Haaland JE, Rosenberg MD: Activation of membrane associated ATPase in hen's egg after ovulation.
Nature (London) 223:1275-6, 20 Sep 69
*ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ *CELL MEMBRANE, enzymology/ CHICKENS/ MAGNESIUM, pharmacodynamics/ OUABAIN, pharmacodynamics/ *OVULATION/ *OVUM, enzymology/ POTASSIUM, pharmacodynamics/ SODIUM, pharmacodynamics

1483. Haas H, Fischer HL: Die Beeinflussung des Corticosteron-Gehaltes im Rattenplasma bei Entzündungsreaktionen.
Naunyn Schmiedeberg Arch Pharm 264:86-98, 1969 (Ger)
ADRENAL GLANDS, physiopathology/ ANHYDRIDES, pharmacodynamics/ ANIMAL EXPERIMENTS/ CARRAGEENAN, pharmacodynamics/ *CORTICOSTERONE, blood/ CORTICOSTERONE, metabolism/ CORTICOTROPIN, physiology/ CROTON OIL, pharmacodynamics/ DEXAMETHASONE, pharmacodynamics/ DEXTRAN/ DIBENAMINE, pharmacodynamics/ EDEMA, chemically induced/ EGG WHITE/ HEXAMETHONIUM COMPOUNDS, pharmacodynamics/ *INFLAMMATION, blood/ MALE/ PENTOBARBITAL, pharmacodynamics/ PHYSOSTIGMINE, pharmacodynamics/ POLYCYCLIC COMPOUNDS, pharmacodynamics/ RATS/ TERPENES, pharmacodynamics/ TURPENTINE, pharmacodynamics

1484. Haberich FJ: Die Bedeutung des Portalkreislaufs und der Leber ürde homöostatische Regulation des Wasser- und Kohlehydrathaushalts.
Praxis 57:1684-92, 3 Dec 68 (Ger)
BLOOD SUGAR, analysis/ *CARBOHYDRATES, metabolism/ HOMEOSTASIS/ HUMAN/ INSULIN, physiology/ *LIVER CIRCULATION/ *PORTAL SYSTEM, physiology/ VASOPRESSIN, blood/ *WATER, metabolism

1485. Haberlandt WF: Hermafroiditismo y mosaico cromosómico.
Folia Clin Int (Barc) 19:335-9, Jun 69 (Spa)
CHILD, PRESCHOOL/ *CHROMOSOME ABNORMALITIES/ *HERMAPHRODITISM, familial & genetic/ HUMAN/ MALE/ *MOSAICISM

1486. Haddad J: Pílulas anovulatórias e neoplasias da mama, útero e ovário.
Rev Ass Med Brasil 15:43-50, Jan 69 (57 ref.) (Por)
*BREAST NEOPLASMS, chemically induced/ *CARCINOMA, chemically induced/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ *OVARIAN NEOPLASMS, chemically induced/ REVIEW/ *UTERINE NEOPLASMS, chemically induced

1487. Hadden DR, Bell TK, McDevitt DG, et al: Propranolol and the utilization of radioiodine by the human

thyroid gland.
Acta Endocr (Kobenhavn) 61:393-9, Jul 69
HUMAN/ HYPERTHYROIDISM, drug therapy/ *IODINE, metabolism/ IODINE ISOTOPES, DIAGNOSTIC/ *PROPRANOLOL, pharmacodynamics/ PROTEIN-BOUND IODINE TEST/ *THYROID GLAND, drug effects/ THYROID GLAND, metabolism

1488. **Haddock L, Tristani FE, Morales JO, et al:** Primary aldosteronism. A study of carbohydrate tolerance and the juxtaglomerular apparatus.
Bol Asoc Med P Rico 59:435-44, Oct 67
*ADENOMA, complications/ *ADRENAL GLAND NEOPLASMS, complications/ *CARBOHYDRATES, metabolism/ HUMAN/ *HYPERALDOSTERONISM, complications/ *HYPOKALEMIA, complications/ *JUXTAGLOMERULAR APPARATUS, pathology/ MALE/ MIDDLE AGE

1489. **Haddy FJ:** Physiology and pharmacology of the coronary circulation and myocardium, particularly in relation to coronary artery disease.
Amer J Med 47:274-86, Aug 69 (94 ref.)
ADENOSINE TRIPHOSPHATE, metabolism/ ADRENAL CORTEX HORMONES, pharmacodynamics/ ANIMAL EXPERIMENTS/ ARTERIOSCLEROSIS, physiopathology/ CARDIAC OUTPUT/ CATECHOLAMINES, pharmacodynamics/ COLLATERAL CIRCULATION/ *CORONARY DISEASE, drug therapy/ CORONARY DISEASE, therapy/ *CORONARY VESSELS, drug effects/ *CORONARY VESSELS, physiology/ *HEART, physiology/ HEMOGLOBIN/ HEMORRHAGE, physiopathology/ HUMAN/ MYOCARDIUM, metabolism/ NUCLEOSIDES, pharmacodynamics/ OXYGEN, blood/ OXYGEN CONSUMPTION/ REGIONAL BLOOD FLOW/ REVIEW/ SPORTS/ VASCULAR RESISTANCE/ VASOMOTOR SYSTEM, drug effects

1490. **Hadnagy C:** Über das gemeinsame Vorkommen von Diabetes mellitus und Myxödem.
Z Aerzti Fortbild (Jena) 63:511-3, 1 May 69 (Ger)
AGED/ *DIABETES MELLITUS, complications/ DIABETES MELLITUS, metabolism/ FEMALE/ HUMAN/ INSULIN, metabolism/ MIDDLE AGE/ *MYXEDEMA, complications/ MYXEDEMA, metabolism

1491. **Haffen K, Cedard L, Guichard A:** Formation de cholestPerol radioactif à partir d'acétate de Na-1-14C par gonades embryonnaires de poulet, cultivées in vitro.
C R Acad Sci [D] (Paris) 268:2914-7, 16 Jun 69 (Fre)
*ACETATES, metabolism/ AGING/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHICK EMBRYO/ *CHOLESTEROL, biosynthesis/ CHROMATOGRAPHY, THIN LAYER/ FEMALE/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ MALE/ OVARY, drug effects/ *OVARY, metabolism/ TESTIS, drug effects/ *TESTIS, metabolism/ TISSUE CULTURE/ TRITIUM

1492. **Hageman WE, Hofmann K, Ertel RJ, et al:** Some aspects of the pharmacology of valyl-beta-(pyrazolyl-3)-L-alanyl6-angiotensin II.
J Pharmacol Exp Ther 168:295-302, Aug 69
ADRENAL GLANDS, analysis/ ADRENAL GLANDS, secretion/ ALDOSTERONE, analysis/ ALDOSTERONE, secretion/ ANGIOTENSIN, administration & dosage/ *ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLOOD PRESSURE, drug effects/ CAROTID ARTERIES, drug effects/ CATS/ CEREBRAL VENTRICLES/ CHEMISTRY/ DOGS/ GUINEA PIGS/ ILEUM, drug effects/ MALE/ *MUSCLE CONTRACTION, drug effects/ *MUSCLE, SMOOTH, drug effects/ PERFUSION/ RATS

1493. **Hagen H, Flach W, Drühl S:** Fortschritte in der Diagnostik und Therapie der weiblichen Sterilität.
Deutsch Gesundh 23:1793-9, 19 Sep 68 (Ger)
ENGLISH ABSTRACT/ FEMALE/ HUMAN/ SEX HORMONES, therapeutic use/ *STERILITY, FEMALE, diagnosis/ STERILITY, FEMALE, drug therapy/ STERILITY, FEMALE, surgery/ *STERILITY, FEMALE, therapy

1494. **Hahn TJ, Downing SJ, Phang JM:** Insulin effect on amino acid transport in bone.
Biochim Biophys Acta 184:675-7, 2 Sep 69
*AMINO ACIDS, metabolism/ AMINOISOBUTYRIC ACID, metabolism/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ BONE AND BONES, drug effects/ BONE AND BONES, embryology/ *BONE AND BONES, metabolism/ CARBON ISOTOPES/ DEPRESSION, CHEMICAL/ EXTRACELLULAR SPACE/ GLUCOSE, metabolism/ IN VITRO/ INSULIN, antagonists & inhibitors/ *INSULIN, pharmacodynamics/ MONOSACCHARIDES, metabolism/ PUROMYCIN, pharmacodynamics/ RATS/ STIMULATION, CHEMICAL/ TISSUE CULTURE

1495. **Hai MA, Thomas S:** The time-course of changes in renal tissue composition during lysine vasopressin infusion in the rat. Pflueger Arch 310:297-317, 1969
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, ACTIVE/ KIDNEY, analysis/ KIDNEY, drug effects/ *KIDNEY, metabolism/ KIDNEY CONCENTRATING ABILITY, drug effects/ LYSINE/ MALE/ OSMOLAR CONCENTRATION/ PHOTOMETRY/ POTASSIUM, blood/ RATS/ SODIUM, blood/ *SODIUM, metabolism/ UREA, blood/ *UREA, metabolism/ URINE/ *VASOPRESSIN, pharmacodynamics/ WATER-ELECTROLYTE BALANCE

1496. **Hakama M:** The peculiar age specific incidence curve for cancer of the breast--Clemmesen's hook.
Acta Path Microbiol Scand 75:370-4, 1969
ADULT/ AGE FACTORS/ AGED/ ANDROGENS/ BREAST NEOPLASMS, etiology/ *BREAST NEOPLASMS, occurrence/ ESTROGENS/ FEMALE/ HUMAN/ MATHEMATICS/ MIDDLE AGE/ PROGNOSIS/ SCANDINAVIA

1497. **Håkanson R, Lilja B, Owman C:** Cellular localization of histamine and monoamines in the gastric mucosa of man. Histochemie 18:74-86, 17 Apr 69
ADULT/ CARBOXY-LYASES, analysis/ CHROMAFFIN SYSTEM/ DOPA, analysis/ FEMALE/ FORMALDEHYDE/ *GASTRIC MUCOSA, analysis/ GASTRIC MUCOSA, enzymology/ *HISTAMINE, analysis/ HISTOCYTOCHEMISTRY/ HUMAN/ MALE/ MICROSCOPY, FLUORESCENCE/ MIDDLE AGE/ *SEROTONIN, analysis

1498. **Håkanson R, Owman C:** Argyrophilic reaction of histamine-containing epithelial cells in murine gastric mucosa. Experientia 25:625-6, 15 Jun 69
ANIMAL EXPERIMENTS/ CHROMAFFIN SYSTEM, anatomy & histology/ EPITHELIUM/ *GASTRIC MUCOSA, anatomy & histology/ *HISTAMINE, analysis/ HISTOCYTOCHEMISTRY/ MICE/ MICROSCOPY, FLUORESCENCE/ RATS/ *SILVER/ *STAINS AND STAINING

1499. **Halawa B, Frydecka I, Róg-Malinowski M:** Czynność trzcycy w niewydolności krążenia u ludzi w wieku podeszłym. Pol Tyg Lek 24:629-31, 28 Apr 69 (Pol)
ADOLESCENCE/ ADULT/ AGED/ AGING/ *CORONARY DISEASE, complications/ ENGLISH ABSTRACT/ HUMAN/ *HYPERTHYROIDISM, complications/ IODINE ISOTOPES, DIAGNOSTIC/ MIDDLE AGE/ *THYROID GLAND FUNCTION TESTS

1500. **Halbert DR, Christian CD:** Amenorrhea following oral contraceptives. Obstet Gynec 34:161-7, Aug 69
ADOLESCENCE/ ADULT/ *AMENORRHEA, chemically induced/ CONTRACEPTIVES, ORAL, administration & dosage/ *CONTRACEPTIVES, ORAL, adverse effects/ ENDOMETRIUM, pathology/ FEMALE/ GLUCOSE TOLERANCE TEST/ HUMAN/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiopathology/ INSULIN, blood/ INSULIN,

diagnostic use/ LACTATION DISORDERS, chemically induced/ SOMATOTROPIN, blood/ TIME FACTORS

1501. **Halfpenny AF, Rook JA, Smith GH:** Variations with energy nutrition in the concentrations of amino acids of the blood plasma in the dairy cow. Brit J Nutr 23:547-57, Aug 69
*AMINO ACIDS, blood/ AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ *ANIMAL NUTRITION/ CATTLE/ FEMALE/ GLUTAMATES, metabolism/ *LACTATION/ METABOLISM/ MILK, analysis/ PREGNANCY/ *PREGNANCY, ANIMAL/ PROLINE, metabolism/ PROPIONATES, administration & dosage/ PROTEINS, biosynthesis/ RUMEN

1502. **Halikowski B, Garwicz S, Kucharska K, et al:** Zachowanie się układu krwiotwórczego pod spływem leczenia immunosresyjnego w chorobach nerek u dzieci. Pediat Pol 44:657-66, Jun 69 (Pol)
ADOLESCENCE/ BONE MARROW EXAMINATION/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ ERYTHROCYTE COUNT/ ERYTHROPOIESIS, drug effects/ FEMALE/ GLOMERULONEPHRITIS, drug therapy/ *HEMATOPOIETIC SYSTEM, drug effects/ HUMAN/ *KIDNEY DISEASES, drug therapy/ MALE/ *MERCAPTOPURINE, therapeutic use/ NEPHROTIC SYNDROME, drug therapy/ PREDNISONE, therapeutic use/ PYELONEPHRITIS, drug therapy

1503. **Hallen O:** Ein Fall von Mononeuritis multiplex hypertrophicans beim Skleromyxödem Arndt-Gottron. Ein Beitrag zur Klinik neuritischer Krankheitsbilder bei Paraproteinämien. Deutsch Z Nervenheilk 196:85-91, 1969 (Ger)
AGED/ BLOOD PROTEIN DISORDERS, complications/ BLOOD PROTEIN ELECTROPHORESIS/ DIAGNOSIS, DIFFERENTIAL/ ELECTROMYOGRAPHY/ ENGLISH ABSTRACT/ FEMORAL NERVE/ HUMAN/ IMMUNOELECTROPHORESIS/ MALE/ MEDIAN NERVE/ *MYXEDEMA, complications/ PAPER/ *POLYNEURITIS, etiology/ *SCLERODERMA, complications/ TIBIA, innervation/ TIME FACTORS/ ULNAR NERVE

1504. **Haller JA Jr, Mazur DO, Morgan WW Jr:** Diagnosis and management of mediastinal masses in children. J Thorac Cardiovasc Surg 58:385-93, Sep 69
ADOLESCENCE/ ADULT/ BRONCHI, abnormalities/ CHILD/ CHILD, PRESCHOOL/ CYSTS, diagnosis/ CYSTS, therapy/ ESOPHAGUS, abnormalities/ HEMANGIOMA, diagnosis/ HEMANGIOMA, therapy/ HUMAN/ INFANT/ INFANT, NEWBORN/ LUNG, abnormalities/ LYMPHANGIOMA, diagnosis/ LYMPHANGIOMA, therapy/ LYMPHOMA, diagnosis/ LYMPHOMA, therapy/ *MEDIASTINAL NEOPLASMS, diagnosis/ *MEDIASTINAL NEOPLASMS, therapy/ NEOPLASMS, NERVOUS TISSUE, diagnosis/ NEOPLASMS, NERVOUS TISSUE, therapy/ PERICARDIUM/ TERATOID TUMOR, diagnosis/ TERATOID TUMOR, therapy/ THYMUS NEOPLASMS, diagnosis/ THYMUS NEOPLASMS, therapy

1505. **Haller RM:** Experimentelle Nebennierenrindenblutungen an anticoagulierten Ratten, ausgelöst durch Stimulation der Nebennierenrinde. Virchow Arch [Path Anat] 346:204-11, 1969 (Ger)
*ADRENAL GLAND DISEASES, chemically induced/ ANIMAL EXPERIMENTS/ *ANTICOAGULANTS/ BODY WEIGHT/ *CORTICOTROPIN/ *COUMARINS/ ENGLISH ABSTRACT/ FEMALE/ HEMORRHAGE, chemically induced/ *HEMORRHAGIC DIATHESIS, chemically induced/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ MALE/ RATS/ STATISTICS/ WATERHOUSE-FRIDERICHSEN SYNDROME, etiology

1506. **Hallick RB, DeLuca HF:** Vitamin D3-stimulated template activity of chromatin from rat intestine. Proc Nat Acad Sci USA 63:528-31, Jun 69
ADENOSINE TRIPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ *CHOLECALCIFEROL, pharmacodynamics/ DNA/ GENETIC CODE/ *INTESTINAL MUCOSA, drug effects/ RATS/ RNA, MESSENGER, biosynthesis/ SEX CHROMATIN, drug effects/ *TEMPLATES, drug effects

1507. **Halmi NS, McCormick WF:** The delta cell of the human hypophysis in childhood. J Clin Endocr 29:1036-41, Aug 69
CHILD/ CHILD, PRESCHOOL/ FEMALE/ FETAL DEATH/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ INFANT/ INFANT, NEWBORN/ LH, analysis/ LYSOSOMES/ MALE/ MIDDLE AGE/ *PITUITARY GLAND, cytology/ PITUITARY GLAND, pathology

1508. **Haluszka J:** Wpływ tarczycy na wchłanianie jelitowe steroli. Folia Med Cracov 10:691-706, 1968 (Pol)
ANIMAL EXPERIMENTS/ CHOLESTEROL, blood/ *CHOLESTEROL, metabolism/ DIETARY CARBOHYDRATES/ ENGLISH ABSTRACT/ *INTESTINAL ABSORPTION, drug effects/ RATS/ *STEROLS, metabolism/ *THYROID GLAND, physiology/ THYROID HORMONES, physiology/ THYROIDECTOMY/ THYROXINE, physiology

1509. **Hamamoto Y, Matsuhashi C, Kitamura S, et al:** [Symposium A. II. Overlapping of the autoimmune diseases] Jap J Allerg 18:350-5, May 69 (Jap)
ANEMIA, HEMOLYTIC, immunology/ ANIMAL EXPERIMENTS/ ANTIGENS/ AUTOANTIBODIES, analysis/ *AUTOIMMUNE DISEASES, complications/ AUTOIMMUNE DISEASES, immunology/ CHILD, PRESCHOOL/ COOMBS' TEST/ FEMALE/ HUMAN/ LE CELLS/ LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology/ RABBITS/ THYROIDITIS, LYMPHOMATOUS, immunology

1510. **Hamasaki DI:** Spectral sensitivity of the parietal eye of the green iguana. Vision Res 9:515-23, Apr 69
ADAPTATION, OCULAR/ ANIMAL EXPERIMENTS/ DARK ADAPTATION/ ELECTRORETINOGRAPHY/ *EYE, physiology/ LIGHT/ *LIZARDS, physiology/ PINEAL BODY/ *SPECTRUM ANALYSIS

1511. **Hamilton W:** Abnormal height in children. Develop Med Child Neurol 11:521-4, Aug 69
ANABOLIC STEROIDS, therapeutic use/ *BODY HEIGHT/ CHILD/ CORTICOTROPIN, diagnostic use/ ESTROGENS, therapeutic use/ *GROWTH/ GROWTH DISORDERS, etiology/ GROWTH DISORDERS, therapy/ HUMAN/ INSULIN, diagnostic use/ KLINEFELTER'S SYNDROME/ LIPODYSTROPHY/ METHYLTESTOSTERONE, therapeutic use/ NUTRITION DISORDERS/ PUBERTY/ SOMATOTROPIN, therapeutic use/ THYROXINE, therapeutic use

1512. **Hammarström S, Kabat EA:** Purification and characterization of a blood-group A reactive hemagglutinin from the snail Helix pomatia and a study of its combining site. Biochemistry (Wash) 8:2696-705, Jul 69
ABO FACTORS/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ *ANTIBODIES/ ANTIBODIES, analysis/ ANTIBODIES, isolation & purification/ ANTIGENS/ BINDING SITES/ *BLOOD GROUPS/ CARBOHYDRATES, analysis/ GASTRIC MUCOSA/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HEMAGGLUTINATION INHIBITION TESTS/ HEMAGGLUTINATION TESTS/ HUMAN/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ MUCOPOLYSACCHARIDES/ OVARIAN CYSTS/ RABBITS/ SNAILS, analysis/ *SNAILS, immunology/ SWINE/ ULTRACENTRIFUGATION

1513. **Hammerstein J:** Niedrig dosierte Gestagen-Dauerapplikation, eine neue Form der

hormonalen Kontrazeption. Eigene Erfahrungen und hormonale Untersuchungen zum Wirkungsmechanismus.
Arch Gynaek 207:48, 1969 (Ger)
*CHLORMADINONE, administration & dosage/ CHLORMADINONE, adverse effects/ *CONTRACEPTION/ FEMALE/ HUMAN/ METRORRHAGIA, chemically induced

1514. **Hamming HD, Huffstadt AJ:** Adhesies van de labia minora bij dieine meisjes.
Nederl T Geneesk 113:1493-6, 30 Aug 69 (Dut)
*ADHESIONS/ ADHESIONS, surgery/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ *GYNECOLOGIC DISEASES/ GYNECOLOGIC DISEASES, diagnosis/ HERMAPHRODITISM, diagnosis/ HUMAN/ HYPOSPADIAS, diagnosis/ *VULVA/ VULVA, surgery

1515. **Hampe MM, Tesch A, Jaeger CP:** On the nature of cardio-active substances from Strophocheilus oblongus ganglia. Life Sci 8:827-35, 1 Aug 69
ACETYLCHOLINE, analysis/ ANIMAL EXPERIMENTS/ ARGININE, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, THIN LAYER/ ELECTROPHORESIS/ *GANGLIA, analysis/ GEL FILTRATION/ GLUTAMATES, analysis/ GLUTAMINE, analysis/ HALLUCINOGENS, analysis/ *HEART, drug effects/ HISTAMINE, analysis/ SEROTONIN, analysis/ *SNAILS, analysis/ TRYPTAMINES, analysis

1516. **Hampers CL, Katz AI, Wilson RE, et al:** Calcium metabolism and osteodystrophy after renal transplantation.
Arch Intern Med (Chicago) 124:282-91, Sep 69
CHEMISTRY/ FEMALE/ HUMAN/ *HYPERCALCEMIA, etiology/ *HYPERPARATHYROIDISM, etiology/ HYPERPARATHYROIDISM, pathology/ HYPERPARATHYROIDISM, radiography/ *KIDNEY, transplantation/ MALE/ PARATHYROID GLANDS, surgery/ POSTOPERATIVE COMPLICATIONS/ TRANSPLANTATION, HOMOLOGOUS

1517. **Handa H, Handa J, Kikuchi H, et al:** [Unilateral exophthalmos]
Surg Ther (Osaka) 20:363-75, Apr 69 (Jap)
ADULT/ AGED/ CHILD/ *EXOPHTHALMOS/ EXOPHTHALMOS, etiology/ EXOPHTHALMOS, radiography/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE

1518. **Handler RP, Bransome ED Jr:** Guinea pig adrenal 3-beta-hydroxysteroid dehydrogenase: is there more than one enzyme? J Clin Endocr 29:1117-9, Aug 69
ADRENAL GLANDS, cytology/ ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, enzymology/ ANIMAL EXPERIMENTS/ BINDING SITES/ CORTICOTROPIN, antagonists & inhibitors/ *CYANIDES, pharmacodynamics/ GUINEA PIGS/ HYDROCORTISONE, blood/ HYDROXYPREGNENOLONE, metabolism/ HYDROXYSTEROID DEHYDROGENASE, antagonists & inhibitors/ *HYDROXYSTEROID DEHYDROGENASE, metabolism/ *KETONES, pharmacodynamics/ MALE/ *METHANDROSTENOLONE, pharmacodynamics/ MICROSOMES, enzymology/ PREGNENOLONE, metabolism

1519. **Hanicka M, Kleczkowska A, Makowska J, et al:** Rozdzczep tęczówki u dziewczynki z kariotypem 48, XXXX. Pol Tyg Lek 24:1164-6, 28 Jul 69 (Pol)
CHILD/ COLOBOMA, congenital/ DERMATOGLYPHICS/ ENGLISH ABSTRACT/ *EYE, abnormalities/ FEMALE/ HUMAN/ IRIS, abnormalities/ KARYOTYPING/ MENTAL RETARDATION, complications/ *SEX CHROMOSOME ABNORMALITIES

1520. **Hankin ME, Cox RI:** Peripheral plasma 11-deoxy-17-oxosteroids: alterations during pregnancy.
Aust New Zeal J Obstet Gynaec 9:105-7, May 69
ANDROSTERONE, blood/ CHROMATOGRAPHY, GAS/ *DEHYDROEPIANDROSTERONE, blood/ ETIOCHOLANOLONE, blood/ FEMALE/ GESTATIONAL AGE/ HUMAN/ *PREGNANCY

1521. **Hannah WJ:** The use of oxytocin in obstetrics.
Appl Ther 11:216-20, Apr 69
ABORTION, THERAPEUTIC/ ADULT/ BLOOD GROUP INCOMPATIBILITY, complications/ FEMALE/ HUMAN/ HYDATIDIFORM MOLE, drug therapy/ *LABOR, INDUCED/ PREGNANCY/ PREGNANCY COMPLICATIONS, drug therapy/ PREGNANCY TOXEMIAS, drug therapy/ PUERPERAL DISORDERS, prevention & control/ RH FACTORS

1522. **Hannibal W:** Die psychogene Symptomatik des Klimakteriums und der Versuch, ihre therapeutische Beeinflussung durch die Veränderung des Schriftbildes nachzuweisen.
Med Welt 25:1527-30, 22 Jun 68 (Ger)
ANDROGENS, therapeutic use/ BARBITURATES, therapeutic use/ *CLIMACTERIC, drug effects/ ESTROGENS, therapeutic use/ FEMALE/ *HANDWRITING/ HUMAN/ MIDDLE AGE/ *PSYCHOPHYSIOLOGIC DISORDERS, drug therapy

1523. **Hanschke HJ:** Die Klinik des Prostatakarzinoms.
Deutsch Med J 19:721-5, 20 Oct 68 (Ger)
AGE FACTORS/ ANDROGENS, therapeutic use/ *ESTROGENS, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *NEOPLASM METASTASIS, diagnosis/ PHOSPHATASES, blood/ *PROSTATIC NEOPLASMS, diagnosis/ PROSTATIC NEOPLASMS, surgery/ URINE, analysis

1524. **Hansen JM:** Influence of chlorophenoxyisobutyrate (CPIB) on thyroid parameters.
Acta Endocr (Kobenhavn) 60:294-302, Feb 69
ADULT/ AGED/ *ANTICHOLESTEREMIC AGENTS, pharmacodynamics/ *BUTYRATES, pharmacodynamics/ CARBON ISOTOPES/ CHLORINE/ CHOLESTEROL, blood/ CORONARY DISEASE, blood/ CORONARY DISEASE, drug therapy/ FEMALE/ HUMAN/ IODINE, blood/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ MIDDLE AGE/ PHENOLS/ PROTEIN BINDING, drug effects/ TESTOSTERONE, metabolism/ THYROID GLAND FUNCTION TESTS/ *THYROXINE, blood/ THYROXINE-BINDING PROTEIN

1525. **Hansen JM, Siersbaek-Nielsen K:** Cerebrospinal fluid thyroxine. J Clin Endocr 29:1023-6, Aug 69
*BLOOD-BRAIN BARRIER/ BRAIN DISEASES, blood/ BRAIN DISEASES, cerebrospinal fluid/ DIALYSIS/ HUMAN/ HYPERTHYROIDISM, blood/ HYPERTHYROIDISM, cerebrospinal fluid/ HYPOTHYROIDISM, blood/ HYPOTHYROIDISM, cerebrospinal fluid/ KIDNEY NEOPLASMS/ NEOPLASM METASTASIS/ POLYRADICULITIS, blood/ POLYRADICULITIS, cerebrospinal fluid/ SPINAL NEOPLASMS, blood/ SPINAL NEOPLASMS, cerebrospinal fluid/ *THYROXINE, blood/ *THYROXINE, cerebrospinal fluid

1526. **Hanson J, Eckert L, Mlytz H:** Weibliches Larynxcarcinom und Sexualhormone.
Arch Klin Exp Ohr Nas Kehlkopfheilk 193:277-86, 1969 (Ger)
ADULT/ AGED/ ANDROGENS, urine/ ENGLISH ABSTRACT/ ESTROGENS, urine/ FEMALE/ HUMAN/ *17-KETOSTEROIDS, urine/ LARYNGEAL NEOPLASMS, etiology/ *LARYNGEAL NEOPLASMS, urine/ MENSTRUATION/ MIDDLE AGE

1527. **Hanson RL, Ray PD, Walter P, et al:** Mode of action of hypoglycemic agents. I. Inhibition of gluconeogenesis by quinaldic acid and 5-methoxyindole-2-carboxylic acid. J Biol Chem 244:4351-9, 25 Aug 69
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *ANTIDIABETICS, pharmacodynamics/ BLOOD

SUGAR, metabolism/ CARBON ISOTOPES/ DEPRESSION, CHEMICAL/ DIET/ FASTING/ FATTY ACIDS, NONESTERIFIED, blood/ FRUCTOSE, metabolism/ GLUCONEOGENESIS, drug effects/ GLYCEROPHOSPHATES, metabolism/ GLYCOGEN, blood/ IN VITRO/ *INDOLES, pharmacodynamics/ KETONE BODIES, blood/ KIDNEY, metabolism/ LACTATES, metabolism/ *LIVER, metabolism/ LIVER GLYCOGEN, metabolism/ MALE/ *MITOCHONDRIA, LIVER, metabolism/ PERFUSION/ PYRUVATES, metabolism/ QUINOLINES, administration & dosage/ *QUINOLINES, pharmacodynamics/ RATS/ TIME FACTORS

1528. **Haour F, Schedewie H, Bertrand J:** Dosage de l'hormone de croissance (HGH) chez des enfants hypothyroïdiens avant et après traitement.
C R Soc Biol (Paris) 162:2112-5, 1968 (Fre)
ARGININE, diagnostic use/ BLOOD SUGAR/ CHILD/ CHILD, PRESCHOOL/ DEPRESSION, CHEMICAL/ HUMAN/ *HYPOTHYROIDISM, drug therapy/ INFANT/ INSULIN, diagnostic use/ IODINE ISOTOPES, DIAGNOSTIC/ RADIOIMMUNOASSAY/ *SOMATOTROPIN, secretion

1529. **Happ E, Helali P:** Uber den Wert der perkutanen Therapie mit Mobilat bei stumpfen Weichteiltraumen und Distorsionen. Med Mschr 23:324-6, Jul 69 (Ger)
*ADRENAL GLANDS/ AMBULATORY CARE/ *HEPARINOID, therapeutic use/ HUMAN/ OINTMENTS/ *SALICYLIC ACID, therapeutic use/ SKIN ABSORPTION/ *SPRAINS AND STRAINS, drug therapy/ *TISSUE EXTRACTS, therapeutic use/ *WOUNDS AND INJURIES, drug therapy

1530. **Harada Y:** [Relation of chromosomal aberration and clinical signs in childhood]
J Kumamoto Med Soc 43:387-98, 25 May 69 (131 ref.) (Jap)
CHILD/ CHILD, PRESCHOOL/ *CHROMOSOME ABERRATIONS/ HUMAN/ INFANT/ INFANT, NEWBORN/ KARYOTYPING/ *MONGOLISM, familial & genetic/ REVIEW/ SEX CHROMOSOMES/ *TURNER'S SYNDROME, familial & genetic

1531. **Hardaway RM 3d:** Coagulation disorders and hemorrhagic shock in the parturient.
Int Anesth Clin 6:743-64, Fall 68 (6 ref.)
ABRUPTIO PLACENTAE, complications/ *BLOOD COAGULATION DISORDERS, etiology/ BLOOD TRANSFUSION/ EMBOLISM, AMNIOTIC FLUID, complications/ FEMALE/ FIBRINOGEN, pharmacodynamics/ FIBRINOLYSIN, pharmacodynamics/ FIBRINOLYSIS/ HUMAN/ HYDATIDIFORM MOLE, complications/ KIDNEY FAILURE, ACUTE, complications/ *LABOR COMPLICATIONS/ LIVER DISEASES, complications/ NECROSIS/ OXYGEN INHALATION THERAPY/ PARENTERAL FEEDING/ PREGNANCY/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR/ PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PREGNANCY COMPLICATIONS, INFECTIOUS/ REVIEW/ SEPTICEMIA, complications/ SHOCK, HEMORRHAGIC, drug therapy/ *SHOCK, HEMORRHAGIC, etiology/ THROMBOPHLEBITIS, complications/ VASODILATOR AGENTS, therapeutic use

1532. **Hardin JH, Spicer SS, Greene WB:** The paranucleolar structure, accessory body of Cajal, sex chromatin, and related structures in nuclei of rat trigeminal neurons: a cytochemical and ultrastructural study.
Anat Rec 164:403-31, Aug 69
ANIMAL EXPERIMENTS/ CELL NUCLEOLUS/ CELL NUCLEUS/ FEMALE/ HISTOCYTOCHEMISTRY/ MALE/ MICROSCOPY, ELECTRON/ NEURONS, cytology/ RATS/ SEX CHROMATIN/ *TRIGEMINAL NERVE, cytology

1533. **Hardmeier T, Hedinger C, Thalmann H:** Zur sogenannten histiozytären medullären Retikulose von Scott und Robb-Smith.
Schweiz Med Wschr 99:806-12, 31 May 69 (Ger)
BONE AND BONES, pathology/ BONE MARROW DISEASES, pathology/ ENGLISH ABSTRACT/ HISTIOCYTES/ HUMAN/ JEJUNUM, pathology/ LIVER, pathology/ LYMPH NODES, pathology/ MALE/ MIDDLE AGE/ *RETICULOENDOTHELIAL SYSTEM, pathology/ RETICULOENDOTHELIOSIS, diagnosis/ RETICULOENDOTHELIOSIS, etiology/ *RETICULOENDOTHELIOSIS, pathology/ SPLEEN, pathology

1534. **Hardy B, Lodge GA:** The influence of nutrition during post-lactational oestrus on ovulation rate in the sow and the accuracy of corpora lutea counts in estimating ovulations. J Reprod Fertil 19:555-7, Aug 69
ANIMAL EXPERIMENTS/ *ANIMAL NUTRITION/ COITUS/ *CORPUS LUTEUM/ *ESTRUS/ FEMALE/ LAPAROTOMY/ *OVULATION/ PREGNANCY/ SWINE/ TIME FACTORS

1535. **Hardy J:** La chirurgie de l'hypophyse par voie trans-sphénoïdale ouverte. Etude comparative de deux modalités techniques.
Ann Chir 21:1011-22, Aug-Sep 67 (Fre)
*BREAST NEOPLASMS, surgery/ *DIABETIC RETINOPATHY, surgery/ HUMAN/ *HYPOPHYSECTOMY/ METHODS/ *PITUITARY DISEASES, surgery/ *PITUITARY GLAND IRRADIATION/ *PITUITARY NEOPLASMS, surgery/ *PROSTATIC NEOPLASMS, surgery/ YTTRIUM ISOTOPES, therapeutic use

1536. **Hardy J:** Transphenoidal microsurgery of the normal and pathological pituitary.
Clin Neurosurg 16:185-217, 1969
ADENOMA, pathology/ *ADENOMA, surgery/ ANIMAL EXPERIMENTS/ FLUOROSCOPY/ HUMAN/ METHODS/ MICE/ NEOPLASMS, EXPERIMENTAL, surgery/ PITUITARY GLAND, anatomy & histology/ *PITUITARY GLAND, surgery/ PITUITARY GLAND IRRADIATION/ PITUITARY GLAND, POSTERIOR, surgery/ PITUITARY NEOPLASMS, pathology/ PITUITARY NEOPLASMS, radiotherapy/ *PITUITARY NEOPLASMS, surgery/ POSTOPERATIVE CARE/ SELLA TURCICA, surgery/ TELEVISION

1537. **Harkness RA, Davidson DW, Strong JA:** The metabolism of small and of large amounts of progesterone in man.
Acta Endocr (Kobenhavn) 60:221-36, Feb 69
ADRENALECTOMY/ BREAST NEOPLASMS, therapy/ CARBON ISOTOPES/ CARCINOMA, DUCTAL, therapy/ CHROMATOGRAPHY/ FEMALE/ GLUCURONATES/ HUMAN/ NEOPLASM METASTASIS, therapy/ OVARY, surgery/ PROGESTERONE, administration & dosage/ *PROGESTERONE, metabolism/ PROGESTERONE, urine/ SULFATES

1538. **Harley JM:** The endocrine control of the breasts.
Practitioner 203:153-7, Aug 69
ADOLESCENCE/ ADULT/ *BREAST, physiology/ CHILD/ FEMALE/ *FSH, physiology/ GONADOTROPINS, PITUITARY, physiology/ HUMAN/ LACTATION/ *LH, physiology/ MENSTRUATION/ PREGNANCY/ PROGESTERONE, physiology/ *PROLACTIN, physiology

1539. **Harmeyer J, Deluca HF:** Calcium-binding protein and calcium absorption after vitamin D administration.
Arch Biochem 133:247-54, Sep 69
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, ACTIVE/ *CALCIUM/ CALCIUM, administration & dosage/ CALCIUM, metabolism/ CALCIUM, DIETARY/ CALCIUM ISOTOPES/ CHICKENS/ *CHOLECALCIFEROL, pharmacodynamics/ DUODENUM, metabolism/ FEMALE/ *INTESTINAL ABSORPTION/ INTESTINAL MUCOSA, metabolism/ MALE/ PROTEIN BINDING/ *PROTEINS/ RATS/

STIMULATION, CHEMICAL/ TIME FACTORS/ VITAMIN D DEFICIENCY, metabolism

1540. **Harmon RE, Zenarosa CV, Gupta SK:** Ketenimine-dimethyl sulphoxide oxidation of hydroxy-steroids. Chem Industr 40:1428, 4 Oct 69
ANDROSTANES/ ANDROSTENOL/ CHOLESTEROL/ *DIMETHYL SULFOXIDE/ HYDROXYPROGESTERONE/ *IMINES/ *OXIDATION-REDUCTION/ *STEROIDS/ TESTOSTERONE

1541. **Harnapp GO:** Die Wirkung von Sterinen und Steroiden auf die Formen des Körpercalciums.
Z Aerztl Fortbild (Jena) 63:612-21, 1 Jun 69 (Ger)
AGED/ ANABOLIC STEROIDS, pharmacodynamics/ CALCIUM, blood/ *CALCIUM, metabolism/ CALCIUM, urine/ CHILD/ CHILD, PRESCHOOL/ DECALCIFICATION, PATHOLOGIC, chemically induced/ DIHYDROTACHYSTEROL, pharmacodynamics/ ESTROGENS, pharmacodynamics/ FEMALE/ GLUCOCORTICOIDS, physiology/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INFANT/ INFANT, NEWBORN/ MALE/ PARATHYROID HORMONE, physiology/ PARATHYROID NEOPLASMS, metabolism/ PREDNISONE, adverse effects/ PREDNISONE, pharmacodynamics/ RICKETS, blood/ *STEROIDS, pharmacodynamics/ STRESS, complications/ TETANY, blood/ URINARY CALCULI, etiology/ VITAMIN D, antagonists & inhibitors/ VITAMIN D, pharmacodynamics

1542. **Harnapp O:** Zum Wert der Rachititsprophylaxe aus orthopädischer Sicht.
Beitr Orthop Trauma 15:705-8, 1968 (Ger)
ALKALINE PHOSPHATASE, blood/ CALCIUM, blood/ CHILD, PRESCHOOL/ HUMAN/ INFANT/ PHOSPHORUS, blood/ RICKETS, blood/ RICKETS, occurrence/ *RICKETS, prevention & control

1543. **Harper JR, Marshall RD, Parkinson MS:** Intermittent positive-pressure ventilation in chicken-pox pneumonitis. Brit Med J 3:637-8, 13 Sep 69
*ADULT/ *CHICKENPOX, therapy/ *ECZEMA, drug therapy/ FEMALE/ HUMAN/ *METHOTREXATE, adverse effects/ *PNEUMONIA, VIRAL, therapy/ *POSITIVE-PRESSURE RESPIRATION/ *PREDNISOLONE, adverse effects/ *PSORIASIS, drug therapy/ *RESPIRATORY INSUFFICIENCY, therapy

1544. **Harrand RB, Hartles RL:** A study on the effect of vitamin D in rats maintained on diets with different calcium and phosphorus content but with the same high ratio of calcium to phosphorus.
Brit J Nutr 23:523-31, Aug 69
ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ BONE AND BONES, analysis/ BONE AND BONES, pathology/ CALCIUM, blood/ *CALCIUM, DIETARY, analysis/ DENTIN, pathology/ *DIET/ FEMALE/ HUMERUS, anatomy & histology/ MALE/ ORGAN WEIGHT/ *PHOSPHORUS, analysis/ PHOSPHORUS, blood/ RATS/ RICKETS, etiology/ RICKETS, pathology/ TOOTH, analysis/ TOOTH, anatomy & histology/ VITAMIN D, pharmacodynamics

1545. **Harris CA, Jenner FA:** The ionic specificity of lithium as an inhibitor of the action of vasopressin.
J Physiol (London) 203:73P-74P, Jul 69
ANIMAL EXPERIMENTS/ CALCIUM, pharmacodynamics/ CESIUM, pharmacodynamics/ *LITHIUM, pharmacodynamics/ MAGNESIUM, pharmacodynamics/ OSMOLAR CONCENTRATION/ POTASSIUM, pharmacodynamics/ RATS/ RUBIDIUM, pharmacodynamics/ STRONTIUM, pharmacodynamics/ URINE/ *VASOPRESSIN, antagonists & inhibitors

1546. **Harris GW, Manabe Y, Ruf KB:** A study of the parameters of electrical stimulation of unmyelinated fibres in the pituitary stalk.
J Physiol (London) 203:67-81, Jul 69
ANIMAL EXPERIMENTS/ BREAST, secretion/ ELECTRIC STIMULATION/ FEMALE/ MILK, secretion/ NERVE FIBERS/ OXYTOCIN, physiology/ OXYTOCIN, secretion/ *PITUITARY GLAND, physiology/ PITUITARY GLAND, secretion/ RABBITS

1547. **Harris GW, Sherratt RM:** The action of chlormadinone acetate (6-chloro-delta6-dehydro-17alpha-acetoxyprogesterone) upon experimentally induced ovulation in the rabbit.
J Physiol (London) 203:59-66, Jul 69
ANIMAL EXPERIMENTS/ CEREBRAL VENTRICLES/ *CHLORMADINONE, pharmacodynamics/ ELECTRIC STIMULATION/ FEMALE/ HYPOTHALAMUS/ LH, pharmacodynamics/ *OVULATION, drug effects/ PITUITARY GLAND, drug effects/ RABBITS/ TISSUE EXTRACTS

1548. **Harris OD, Warner M, Cooke WT:** Serum alkaline phosphatase in adult coeliac disease.
Gut 10:655-8, Aug 69
ABO FACTORS/ *ALKALINE PHOSPHATASE, blood/ FEMALE/ HUMAN/ INTESTINES, enzymology/ ISOENZYMES, analysis/ LIVER, enzymology/ MALE/ MIDDLE AGE/ OSTEOMALACIA, blood/ *SPRUE, blood/ SPRUE, enzymology

1549. **Harris PW:** Malignant hypertension associated with oral contraceptives. Lancet 2:466-7, 30 Aug 69
ADULT/ BLOOD PRESSURE, drug effects/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ GUANETHIDINE, therapeutic use/ GUANIDINES, therapeutic use/ HUMAN/ *HYPERTENSION, MALIGNANT, chemically induced/ HYPERTENSION, MALIGNANT, drug therapy

1550. **Harrison JE, Hitchman AJ, Finlay JM, et al:** Calcium kineticstudies in patients with malaborption syndrome. Gastroenterology 56:751-7, Apr 69
ADULT/ BONE AND BONES, metabolism/ CALCIUM, analysis/ *CALCIUM, metabolism/ FECES, analysis/ FEMALE/ GASTRIC JUICE, secretion/ HUMAN/ INTESTINAL ABSORPTION/ KINETICS/ MALE/ MIDDLE AGE/ OSTEOMALACIA, metabolism/ *SPRUE, metabolism

1551. **Harry TV:** Treatment of warts with dexamethasone.
Practitioner 203:356, Sep 69
ADOLESCENCE/ CHILD/ *DEXAMETHASONE, therapeutic use/ FEMALE/ HUMAN/ MALE/ *WARTS, drug therapy

1552. **Hart FD:** Selection of analgesics in the treatment of the rheumatic disorders.
Proc Roy Soc Med 62:539-40, Jun 69
ADRENAL CORTEX HORMONES, therapeutic use/ *ANALGESICS AND ANTIPYRETICS, therapeutic use/ ANTIDEPRESSIVE AGENTS, therapeutic use/ *ANTI-INFLAMMATORY AGENTS, therapeutic use/ ARTHRITIS, RHEUMATOID, drug therapy/ DRUG SYNERGISM/ HUMAN/ OSTEOARTHRITIS, drug therapy/ REITER'S DISEASE, drug therapy/ *RHEUMATISM, drug therapy/ SALICYLATES, therapeutic use/ SPONDYLITIS, ANKYLOSING, drug therapy

1553. **Hartemann J, Ribon M, Guillemin P, et al:** Forme particulière de tumeur praevia: segment pelvien d'une urétéro-hydronéphrose.
Bull Fed Gynec Obstet Franc 19:152-3, Apr-May 67 (Fre)
ADULT/ DIAGNOSIS, DIFFERENTIAL/ DILATATION/ FEMALE/ HUMAN/ *HYDRONEPHROSIS/ OVARIAN NEOPLASMS, diagnosis/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ *URETERAL DISEASES, complications

1554. **Hartog Jager WA den:** Cytopathology of the cerebrospinal fluid examined with the sedimentation technique after Sayk. J Neurol Sci 9:155-77, Jul-Aug 69
ADENOMA, CHROMOPHOBE, cerebrospinal

fluid/ ANGIOSARCOMA, cerebrospinal fluid/ ASTROCYTOMA, cerebrospinal fluid/ BRAIN NEOPLASMS, cerebrospinal fluid/ *CENTRAL NERVOUS SYSTEM DISEASES, cerebrospinal fluid/ CHORDOMA, cerebrospinal fluid/ CRANIOPHARYNGIOMA, cerebrospinal fluid/ *CYTODIAGNOSIS/ CYTODIAGNOSIS, instrumentation/ EPENDYMOMA, cerebrospinal fluid/ HODGKIN'S DISEASE, cerebrospinal fluid/ HUMAN/ INFECTION/ MEDULLOBLASTOMA, cerebrospinal fluid/ MENINGIOMA, cerebrospinal fluid/ MENINGITIS, cerebrospinal fluid/ METHODS/ NEURILEMMOMA, cerebrospinal fluid/ NEUROBLASTOMA, cerebrospinal fluid/ OLIGODENDROGLIOMA, cerebrospinal fluid/ PINEALOMA, cerebrospinal fluid/ RETINOBLASTOMA, cerebrospinal fluid/ SARCOMA, RETICULUM CELL, cerebrospinal fluid/ SPINAL CORD NEOPLASMS, cerebrospinal fluid

1555. **Hartwig W, Migdalska B, Kasperlik-Zasluska A:** Effect of aminogluthethymide on urinary excretion of corticotropin and adrenal hormones.
Pol Med J 8:529-39, 1969
ADOLESCENCE/ ADRENAL GLAND HYPERFUNCTION, drug therapy/ ADRENAL GLANDS, drug effects/ ADULT/ AMINOGLUTETHIMIDE, pharmacodynamics/ *ANILINE COMPOUNDS, pharmacodynamics/ *ANTICONVULSANTS, pharmacodynamics/ *CORTICOTROPIN, urine/ FEMALE/ HUMAN/ MALE/ *PYRIDONES, pharmacodynamics

1556. **Hashi K, Asakura T, Nishimura S:** [Muscle embolization for intracarotid-cavernous arteriovenous fistula, with special reference to postoperative vision disorders]
Brain Nerve (Tokyo) 21:745-53, Jul 69 (Jap)
ACCIDENTS, TRAFFIC/ ADULT/ ARTERIOVENOUS FISTULA, etiology/ *ARTERIOVENOUS FISTULA, surgery/ CAROTID ARTERIES, radiography/ *CAROTID ARTERIES, surgery/ *CAVERNOUS SINUS, surgery/ CHILD/ DIPLOPIA, etiology/ EXOPHTHALMOS, etiology/ FEMALE/ HEAD INJURIES, complications/ HUMAN/ INTRAOCULAR PRESSURE/ MALE/ METHODS/ MIDDLE AGE/ MUSCLES, surgery/ OCULOMOTOR PARALYSIS, etiology/ *POSTOPERATIVE COMPLICATIONS/ *VISION DISORDERS, etiology

1557. **Hashiguchi A:** [Inhibition of ovulation by means of estrogen depot and gestagen depot]
Sanfujin Jissai 18:334-9, Apr 69 (Jap)
ANIMAL EXPERIMENTS/ CONTRACEPTION/ *ESTROGENS, administration & dosage/ FEMALE/ INJECTIONS, SUBCUTANEOUS/ *OVULATION, drug effects/ PREGNANCY/ *PROGESTERONE, administration & dosage/ RABBITS/ RATS

1558. **Hashiguchi K:** [Stimulation and suppression of lactation] Sanfujin Jissai 18:395-400, May 69 (Jap)
ADULT/ BREAST, secretion/ FEMALE/ HUMAN/ *LACTATION, drug effects/ *LACTATION DISORDERS, drug therapy/ PREGNANCY/ *PROLACTIN, therapeutic use

1559. **Hashim G, Clark I:** Studies on the effect of vitamin D on calcium absorption and transport.
Biochem J 112:275-83, Apr 69
ANIMAL EXPERIMENTS/ *BIOLOGICAL TRANSPORT, ACTIVE/ CALCIUM, blood/ *CALCIUM, metabolism/ CALCIUM, pharmacodynamics/ CALCIUM ISOTOPES/ CULTURE MEDIA/ DNA, metabolism/ GLYCOLYSIS/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ INTESTINAL MUCOSA, cytology/ INTESTINAL MUCOSA, drug effects/ *INTESTINAL MUCOSA, metabolism/ MALE/ RATS/ STIMULATION, CHEMICAL/ TEMPERATURE/ TIME FACTORS/ *VITAMIN D/ VITAMIN D, administration & dosage/ VITAMIN D, pharmacodynamics/ VITAMIN D DEFICIENCY, metabolism

1560. **Hasihofer L:** Primäre kongenitale Mittelohrtubrkulose beim Säugling.
Arch Klin Exp Ohr Nas Kehlkopfheilk 193:236-58, 1969 (Ger)
ABSCESS/ ADULT/ EAR, MIDDLE, pathology/ ENDOMETRITIS, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ LABYRINTH, pathology/ MATERNAL-FETAL EXCHANGE/ *OTITIS MEDIA, congenital/ OVARIAN DISEASES, complications/ PETROUS BONE, pathology/ PREGNANCY/ *PREGNANCY COMPLICATIONS, INFECTIOUS/ SALPINGITIS, complications/ TUBERCULOSIS, pathology/ TUBERCULOSIS, FEMALE GENITAL, complications/ *TUBERCULOSIS IN CHILDHOOD, congenital/ TUBERCULOSIS, LYMPH NODE, congenital/ TUBERCULOSIS, PULMONARY, congenital

1561. **Hassner A, Matthews GJ, Fowler FW:** The reduction of beta-iodo azides. A stereospecific synthesis of aziridines. J Amer Chem Soc 91:5046-54, 27 Aug 69
*AZIDES/ *AZIRINES, chem synthesis/ *IODINE/ OXIDATION-REDUCTION

1562. **Hatake T:** [Pathohistological study of chorionic tumor, with special reference to the possibility of prognostic estimation on morphological basis]
J Jap Obstet Gynec Soc 21:291-300, Mar 69 (Jap)
*CHORIOADENOMA, pathology/ *CHORIOCARCINOMA, pathology/ FEMALE/ GLYCOPROTEINS, metabolism/ GONADOTROPINS, CHORIONIC, metabolism/ HISTOCYTOCHEMISTRY/ HUMAN/ *HYDATIDIFORM MOLE, pathology/ MICROSCOPY, ELECTRON/ PREGNANCY/ PROGNOSIS/ STAINS AND STAINING

1563. **Hatakeyama S:** Electrom microscopic study of the anencephalic adenohypophysis with reference to the adrenocorticotrophs and their correlation with the functional differentiation of the hypothalamus during the foetal life. Endocr Jap 16:187-203, Feb 69
ADRENAL GLANDS, cytology/ *ANENCEPHALUS/ BASOPHILS/ BODY WEIGHT/ *CORTICOTROPIN, secretion/ CYTOPLASMIC GRANULES/ *EMBRYO/ FEMALE/ *FETUS/ HISTOCYTOCHEMISTRY/ HUMAN/ *HYPOTHALAMUS, cytology/ MALE/ MICROSCOPY, ELECTRON/ ORGAN WEIGHT/ OVARY/ *PITUITARY GLAND, cytology/ TESTIS/ THYROID GLAND, cytology/ THYROTROPIN, secretion/ TIME FACTORS

1564. **Hatano H, Ohkido M, Matsuo I, et al:** Aminoaciduria in xeroderma pigmentosum.
Acta Dermatovener (Stockholm) 48:571-3, 1968
*AMINO ACID METABOLISM, INBORN ERRORS/ AMINOACIDURIA, RENAL/ AUTOANALYSIS/ BIOLOGICAL TRANSPORT/ CHILD/ COPPER, blood/ CREATINE, urine/ CREATININE, blood/ CREATININE, urine/ FEMALE/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ IRON, blood/ 17-KETOSTEROIDS, urine/ KIDNEY TUBULES, metabolism/ MENTAL RETARDATION/ *XERODERMA PIGMENTOSUM, urine

1565. **Hattori S, Matsuda M:** [Carcinoid syndrome associated with lung tumors]
Jap J Clin Med 27:1720-1, Jun 69 (Jap)
HUMAN/ LUNG, metabolism/ *LUNG NEOPLASMS, complications/ *MALIGNANT CARCINOID SYNDROME, complications/ MICROSCOPY, ELECTRON/ SEROTONIN, secretion

1566. **Hattori S, Tateishi R, Matsuda M, et al:** [Electron microscopic study of lung tumor in humans-differentiation and undifferentiation of the tumor cells] Jap J Cancer Clin 15:615-24, Jul 69 (Jap)
ADULT/ AGED/ *CARCINOMA, pathology/ *CELL DIFFERENTIATION/ CELL TRANSFORMATION, NEOPLASTIC/ FEMALE/ HISTOCYTOCHEMISTRY/ HUMAN/ *LUNG NEOPLASMS, pathology/ MALE/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ SEROTONIN, analysis

1567. **Hauptman H, Fisher J, Hancock H, et al:** Phase determination for the estriol structure.
Acta Crystallogr [B] (Kobenhavn) 25:811-4, 15 May 69
CHEMISTRY/ *ESTRIOL

1568. **Hauschild WA:** Diagnosis and surgery of two adrenal masses. Wisconsin Med J 68:250-2, Aug 69
*ADRENAL GLAND DISEASES, diagnosis/ ADRENAL GLAND DISEASES, surgery/ ADULT/ *CYSTS, diagnosis/ CYSTS, surgery/ FEMALE/ *HODGKIN'S DISEASE, diagnosis/ HODGKIN'S DISEASE, surgery/ HUMAN/ MALE/ MIDDLE AGE

1569. **Hauser GA:** Vor- und Nachteile der hormonellen Schwangerschaftsregelung (sogenannte Ovulationshemmer)
Ther Umsch 25:332-7, Jun 68 (Ger)
ADULT/ *CONTRACEPTIVE AGENTS, adverse effects/ *CONTRACEPTIVE AGENTS, pharmacodynamics/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ OVULATION, drug effects/ PREGNANCY

1570. **Hauser GA:** Wirkt die Pille kontrazeptiv, nidationshemmend oder abortiv?
Ther Umsch 25:349-51, Jun 68 (Ger)
*ABORTION/ ADULT/ CONTRACEPTIVE DEVICES/ CONTRACEPTIVES, ORAL, administration & dosage/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ HUMAN/ *NIDATION, drug effects/ PREGNANCY

1571. **Havivi E, Bernstein DS:** Lipid metabolism in normal and rachitic rat epiphyseal cartilage.
Proc Soc Exp Biol Med 131:1300-4, Sep 69
ANIMAL EXPERIMENTS/ CALCIFICATION, PHYSIOLOGIC/ CARBON ISOTOPES/ *CARTILAGE, metabolism/ CHOLESTEROL, analysis/ CHOLESTEROL, biosynthesis/ DNA, analysis/ *EPIPHYSES, metabolism/ ESTERS, biosynthesis/ FATTY ACIDS, NONESTERIFIED, analysis/ FATTY ACIDS, NONESTERIFIED, biosynthesis/ IN VITRO/ LIPIDS, analysis/ *LIPIDS, biosynthesis/ MALE/ PALMITIC ACID, metabolism/ PHOSPHOLIPIDS, analysis/ PHOSPHOLIPIDS, biosynthesis/ RATS/ *RICKETS, metabolism/ RNA, analysis/ TRIGLYCERIDES, analysis/ TRIGLYCERIDES, biosynthesis

1572. **Havránek F:** Připomínsky k současnému stavu naší perorální antikoncepce.
Cesk Gynek 34:424-5, Sep 69 (Cze)
*CONTRACEPTIVES, ORAL/ CZECHOSLOVAKIA/ FEMALE/ HUMAN/ MESTRANOL, administration & dosage/ *MESTRANOL, pharmacodynamics/ PREGNANCY

1573. **Haward LR:** Some psychological aspects of pregnancy.
Midwives Chron 82:297, Sep 69
EMOTIONS/ PREGNANCY/ PROGESTERONE, physiology/ SPECIAL LIST NURSING

1574. **Hawkins RA, Heald PJ, Taylor P:** The uptake of (6,7-3H) 17beta-oestradiol by tissues of the domestic fowl. Acta Endocr (Kobenhavn) 60:199-209, Feb 69
ANIMAL EXPERIMENTS/ *CHICKENS, physiology/ *ESTRADIOL, metabolism/ ESTRADIOL, secretion/ FEMALE/ LIVER, metabolism/ METABOLIC CLEARANCE RATE/ OVARY, secretion/ OVIDUCTS, metabolism/ *OVULATION/ PITUITARY GLAND, metabolism/ SECRETORY RATE/ TRITIUM

1575. **Hawkins RA, Heald PJ, Taylor P:** The uptake of (6,7-3H) 17beta-oestradiol by tissues of the domestic fowl during an ovulation cycle.
Acta Endocr (Kobenhavn) 60:210-5, Feb 69
ANIMAL EXPERIMENTS/ *CHICKENS, physiology/ ESTRADIOL, pharmacodynamics/ ESTRADIOL, physiology/ *OVULATION/ PERIODICITY/ PITUITARY GLAND, physiology/ PITUITARY HORMONE RELEASING FACTORS/ TRITIUM

1576. **Hayashi I, Konno K:** [Eosinophilic granuloma occurring in the anterior chest wall and the lung: histiocytosis X] Naika 23:967-71, May 69 (Jap)
ADULT/ COBALT ISOTOPES, therapeutic use/ *EOSINOPHILIC GRANULOMA/ EOSINOPHILIC GRANULOMA, drug therapy/ FEMALE/ HUMAN/ *LUNG DISEASES/ PREDNISOLONE, therapeutic use/ *THORACIC DISEASES/ THORACIC RADIOGRAPHY

1577. **Haye R:** Labyrinthitis luetica.
J Oslo City Hosp 19:68-72, Apr 69
ADULT/ AGED/ AUDIOMETRY/ CORTISONE, therapeutic use/ FEMALE/ HUMAN/ INFLAMMATION, etiology/ LABYRINTH DISEASES, drug therapy/ *LABYRINTH DISEASES, etiology/ MALE/ MIDDLE AGE/ PENICILLIN, therapeutic use/ SYPHILIS, classification/ *SYPHILIS, complications/ SYPHILIS SERODIAGNOSIS

1578. **Haynes RC Jr, Lu YS:** Measurement of cortisol-stimulated gluconeogenesis in the rat.
Endocrinology 85:811-4, Nov 69
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ BLOOD SUGAR/ *GLUCONEOGENESIS/ GLUCOSE, biosynthesis/ *HYDROCORTISONE, pharmacodynamics/ LIVER, metabolism/ MALE/ RADIOISOTOPE DILUTION TECHNIC/ RATS/ STIMULATION, CHEMICAL/ TIME FACTORS

1579. **Hayslett JP, Weinstein E, Kashgarian M, et al:** Attempts to demonstrate a hormonal nattriuretic factor by micropuncture techniques.
Yale J Biol Med 41:415-21, Jun 69
ANIMAL EXPERIMENTS/ DESOXYCORTICOSTERONE, pharmacodynamics/ DIALYSIS/ DOGS/ EXTRACELLULAR SPACE, drug effects/ *HORMONES, isolation & purification/ INFUSIONS, PARENTERAL/ ISOTONIC SOLUTIONS, pharmacodynamics/ METHODS/ *NATRIURESIS/ PUNCTURES/ SODIUM CHLORIDE, pharmacodynamics

1580. **Hazard R, Boissier JR, Renier-Cornec A:** Nouvelles recherches pharmacologiques sur le mécanisme de l'action hypertensive produite par l'injection intraveineuse de chlorure de potassium chez le chien surrénalectomisé.
C R Soc Biol (Paris) 162:1933-5, May 69 (Fre)
ACETYLCHOLINE, physiology/ *ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *BLOOD PRESSURE, drug effects/ COCAINE, pharmacodynamics/ DECAMETHONIUM COMPOUNDS, pharmacodynamics/ DOGS/ EPINEPHRINE, pharmacodynamics/ HEXAMETHONIUM COMPOUNDS, pharmacodynamics/ INJECTIONS, INTRAVENOUS/ *POTASSIUM CHLORIDE, pharmacodynamics/ SPARTEINE, pharmacodynamics/ STIMULATION, CHEMICAL/ TOLAZOLINE, pharmacodynamics/ TUBOCURARINE, pharmacodynamics/ VAGOTOMY/ YOHIMBANS, pharmacodynamics

1581. **Hazato H, Yamamoto T, Tadaoka I, et al:** [New antibiotic, Josamycin. 8. 6-month toxicity test of Josamycin in rats]
Jap J Antibiot 22:242-53, Jun 69 (Jap)
ADRENAL GLANDS, pathology/ ALANINE AMINOTRANSFERASE, blood/ ALKALINE PHOSPHATASE, blood/ ANIMAL EXPERIMENTS/ *ANTIBIOTICS, toxicity/ ASPARTATE AMINOTRANSFERASE, blood/ BLOOD PROTEINS, analysis/ BLOOD SUGAR, analysis/ BODY WEIGHT, drug effects/ BRAIN, drug effects/ BRAIN, pathology/ CHLORIDES, blood/ CHOLESTEROL, blood/ ENGLISH ABSTRACT/ FEMALE/ HEART, drug effects/ KIDNEY, drug effects/ KIDNEY, pathology/ LACTATE DEHYDROGENASE, blood/ LIVER, drug effects/ LIVER, pathology/ LUNG, drug effects/ LUNG, pathology/ MALE/ MYOCARDIUM, pathology/ ORGAN WEIGHT/ OVARY, pathology/ PANCREAS, pathology/ PITUITARY GLAND, pathology/ POTASSIUM, blood/ PROSTATE, pathology/ RATS/ SALIVARY GLANDS, pathology/ SODIUM, blood/ SPLEEN, drug effects/ TESTIS, pathology

1582. **Heale WF, Matthiesson AM, Niall JF:** Lung haemorrhage and nephritis (Goodpasture's syndrome). Med J Aust 2:355-7, 16 Aug 69
ADULT/ CASE REPORT/ *GOODPASTURE'S SYNDROME, drug therapy/ GOODPASTURE'S SYNDROME, therapy/ *HEMODIALYSIS/ HUMAN/ MALE/ MIDDLE AGE/ *PREDNISOLONE, therapeutic use

1583. **Hearing VJ, Eppig JJ Jr:** Electron microscopy of the normal and I-131 treated thyroid gland of the newt, Notophthalmus viridescens. J Morph 128:369-85, Jul 69
ANIMAL EXPERIMENTS/ CELL NUCLEUS/ CYTOPLASM/ ENDOPLASMIC RETICULUM/ GOLGI APPARATUS/ INJECTIONS, INTRAPERITONEAL/ IODINE ISOTOPES/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ *RADIATION EFFECTS/ SALAMANDERS/ *THYROID GLAND, cytology/ *THYROID GLAND, radiation effects

1584. **Hechter O, Bär HP, Matsuba M, et al:** ACTH sensitive adenyl cyclase in bovine adrenal cortex membrane fractions. Life Sci 8:935-42, 1 Sep 69
*ADENINE NUCLEOTIDES/ ADENYL CYCLASE, analysis/ *ADRENAL GLANDS, enzymology/ ANIMAL EXPERIMENTS/ CATTLE/ CENTRIFUGATION/ CORTICOTROPIN, pharmacodynamics/ *ENZYMES, analysis/ EPINEPHRINE, pharmacodynamics/ FLUORIDES, pharmacodynamics/ GLUCAGON, pharmacodynamics/ MEMBRANES, enzymology/ MICROSOMES, enzymology/ MITOCHONDRIA, enzymology/ MSH, pharmacodynamics/ THYROTROPIN, pharmacodynamics/ VASOPRESSIN, pharmacodynamics

1585. **Heckmann U:** Zur Wirkung von Cytostatica auf die Ultrastruktur menschlicher Ovarialcarcinomzellen im in vivo-Test. Arch Gynaek 207:36, 1969 (Ger)
*ANTINEOPLASTIC AGENTS, pharmacodynamics/ CELL NUCLEUS, drug effects/ CYTOPLASM, drug effects/ ENDOPLASMIC RETICULUM, drug effects/ FEMALE/ HUMAN/ MICROSCOPY, ELECTRON/ MITOCHONDRIA, drug effects/ *OVARIAN NEOPLASMS, pathology/ THIO-TEPA, pharmacodynamics/ TRIAZIQUONE, pharmacodynamics/ VINBLASTINE, pharmacodynamics

1586. **Heckmann U:** [A new diffusion-chamber technique for evaluating cytostatic hormones in vivo] German Med Monthly 14:136-8, Mar 69 (Mul)
ANIMAL EXPERIMENTS/ CELL TRANSFORMATION, NEOPLASTIC/ DIFFUSION, instrumentation/ FILTERS/ FLUOROCARBON POLYMERS/ *HORMONES/ HUMAN/ METHODS/ *NEOPLASM CIRCULATING CELLS, chemically induced/ NEOPLASMS, EXPERIMENTAL, chemically induced/ RATS

1587. **Heckmann U, Werner G:** Wirkung von Cytostatica auf die Ultrastruktur menschlicher Ovarialcarcinomezellen im in vivo-test. Z Krebsforsch 72:284-90, 1969 (Ger)
ANIMAL EXPERIMENTS/ *ANTINEOPLASTIC AGENTS, therapeutic use/ *CYSTADENOMA, drug therapy/ CYSTADENOMA, pathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MORPHOGENESIS, drug effects/ *OVARIAN NEOPLASMS, drug therapy/ OVARIAN NEOPLASMS, pathology/ OVARY, drug effects/ RATS/ THIO-TEPA, therapeutic use/ TRIAZIQUONE, therapeutic use/ VINBLASTINE, therapeutic use

1588. **Hedden M, Ersoz CJ, Safar P:** Tracheoesophageal fistulas following prolonged artificial ventilation via cuffed tracheostomy tubes. Anesthesiology 31:281-9, Sep 69
ADULT/ FEMALE/ HEMORRHAGIC DIATHESIS, therapy/ HUMAN/ HYDROCORTISONE, adverse effects/ INTUBATION, INTRATRACHEAL, adverse effects/ MALE/ MIDDLE AGE/ NECROSIS/ POLIOMYELITIS, therapy/ POLYRADICULITIS, therapy/ RESPIRATION, ARTIFICIAL, adverse effects/ RESPIRATORY TRACT INFECTIONS, complications/ TRACHEAL DISEASES, etiology/ *TRACHEOESOPHAGEAL FISTULA, etiology/ TRACHEOESOPHAGEAL FISTULA, pathology/ TRACHEOTOMY, adverse effects

1589. **Hedley AJ, Bewsher PD:** Psychosis and antithyroid drug therapy. Brit Med J 3:596-7, 6 Sep 69
ADULT/ CARBIMAZOLE, adverse effects/ FEMALE/ HUMAN/ *IMIDAZOLES, adverse effects/ *PSYCHOSES, TOXIC, etiology/ *THYROID ANTAGONISTS, adverse effects

1590. **Heersche JN:** The effect of thyrocalcitonin and parathyroid hormone on bone metabolism in tissue culture. The effect on collagen breakdown in relation to bone demineralization. Proc Kon Nederl Akad Wet [Biol Med] 72:286-98, 1969
ANIMAL EXPERIMENTS/ BONE AND BONES, drug effects/ *BONE AND BONES, metabolism/ BONE RESORPTION, drug effects/ CALCIUM, metabolism/ COLLAGEN, metabolism/ MICE/ *PARATHYROID HORMONE, pharmacodynamics/ PROLINE, metabolism/ RADIOAUTOGRAPHY/ SKULL/ *THYROCALCITONIN, pharmacodynamics/ TISSUE CULTURE/ TRITIUM

1591. **Heffner LT Jr:** A study of Hansen's disease in Ceylon. Southern Med J 62:979-85, Aug 69
ADOLESCENCE/ ADULT/ AGED/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INFANT/ *LEPROSY/ LEPROSY, diagnosis/ LEPROSY, drug therapy/ LEPROSY, occurrence/ LEPROSY, prevention & control/ MALE/ MIDDLE AGE/ SULFONES, therapeutic use/ THIOUREA, therapeutic use

1592. **Heger N, Taubert M, Rulle K, et al:** Nebennierenrindenkarzinome. Med Welt 25:1531-6, 22 Jun 68 (Ger)
*ADRENAL GLAND NEOPLASMS, pathology/ ADULT/ *CARCINOMA, pathology/ CASE REPORT/ CUSHING'S SYNDROME, diagnosis/ HUMAN/ LIVER NEOPLASMS, pathology/ LUNG NEOPLASMS, pathology/ MALE/ NEOPLASM METASTASIS

1593. **Heikkinen ES:** Arterial and portal pressures, heart rate and ECG during extra- and endoportal infusions of 5-hydroxytryptamine in rats. Ann Med Exp Biol Fenn 46:390-3, 1968
ANIMAL EXPERIMENTS/ ARTERIES/ *BLOOD PRESSURE, drug effects/ ELECTROCARDIOGRAPHY/ *HEART RATE, drug effects/ HUMAN/ MALE/ METHODS/ PORTAL VEIN/ RATS/ *SEROTONIN, pharmacodynamics/ TIME FACTORS/ TRYPTAMINES, administration & dosage

1594. **Heilbrunn A:** Estrogenic potential of estriol. Amer J Obstet Gynec 105:292-3, 15 Sep 69
*ESTRIOL, pharmacodynamics/ FEMALE/ HUMAN/ MENOPAUSE

1595. **Heine KM, Stobbe H, Hofer E, et al:** Lymphozytentransformationstest bei chronischer lymphatischer Leukose unter Berücksichtigung der absoluten Lymphozytenzahl im Blut. Acta Haemat (Basel) 41:144-53, 1969 (Ger)
ADULT/ AGED/ BLOOD CELL COUNT/ CYCLOPHOSPHAMIDE, therapeutic use/ HUMAN/ *LEUKEMIA, LYMPHOCYTIC, blood/ LEUKEMIA, LYMPHOCYTIC, drug therapy/ LEUKEMIA, LYMPHOCYTIC, radiotherapy/ LYMPHOCYTE TRANSFORMATION/ *LYMPHOCYTES/ MIDDLE AGE/ PLANT AGGLUTININS, pharmacodynamics/ PREDNISONE, therapeutic use/ STREPTOLYSIN, pharmacodynamics/ TISSUE CULTURE/ TUBERCULIN, pharmacodynamics

1596. **Heine W, Gassmann B, Plenert W:** Vergleichende Bilanzuntersuchungen an jungen Säuglingen unter Ernährung mit eiweissarmen und eiweissreichen Kuhmilchfertignahrungen. Paediat Grenzgeb 7:301-16, 1968 (Ger)
BODY WEIGHT/ CALCIUM, metabolism/

CASEIN, pharmacodynamics/ DIETARY PROTEINS, metabolism/ HUMAN/ INFANT/ INFANT, NEWBORN/ *INFANT NUTRITION/ LIPIDS, metabolism/ *MILK/ NITROGEN, metabolism/ POTASSIUM, metabolism/ SODIUM, metabolism

1597. **Heinemann M:** Die Bedeutung der Asymmetrien des Kehlkopfes für die belastbarkeit der Stimme.
Z Laryng Rhinol Otol 48:571-80, Aug 69 (Ger)
ADOLESCENCE/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LARYNGEAL CARTILAGES, pathology/ *LARYNX, abnormalities/ LARYNX, pathology/ MALE/ PUBERTY/ *VOICE

1598. **Heisler S, Kovacs EM:** The resistance of guinea-pigs to cortisone ulcerogenesis.
J Pharm Pharmacol 21:269-71, Apr 69
ANIMAL EXPERIMENTS/ ASPIRIN, adverse effects/ *CORTISONE, adverse effects/ FASTING/ GUINEA PIGS/ MALE/ *STOMACH ULCER, chemically induced

1599. **Heisler S, Kovacs EM:** The possible role of histamine in the coritsone induced gastric acid hypersecretion of the guinea-pig. Brit J Pharmacol 35:498-509, Mar 69
ANIMAL EXPERIMENTS/ CHLORPROMAZINE, pharmacodynamics/ CORTISONE, antagonists & inhibitors/ *CORTISONE, pharmacodynamics/ *GASTRIC JUICE, secretion/ GUANIDINES, pharmacodynamics/ GUINEA PIGS/ HEPARIN, pharmacodynamics/ HISTAMINASE/ HISTAMINE, biosynthesis/ *HISTAMINE, metabolism/ IPRONIAZID, pharmacodynamics/ METHYLATION/ METHYLDOPA, pharmacodynamics/ PYLORUS, secretion

1600. **Heki N, Saito Y, Kurakane K:** [Studies on Tetrasorb-125]
Clin Endocr (Tokyo) 17:441-7, May 69 (Jap)
COMPARATIVE STUDY/ ELECTROPHORESIS/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ METHODS/ *PROTEIN-BOUND IODINE TEST/ RADIOAUTOGRAPHY/ RESINS/ THYROID GLAND FUNCTION TESTS/ *THYROXINE, blood

1601. **Hellon RF:** Environmental temperature and firing rate of hypothalamic neurons.
Experientia 25:610, 15 Jun 69
ANIMAL EXPERIMENTS/ COLD/ HEAT/ *HYPOTHALAMUS, physiology/ *NEURAL CONDUCTION/ *NEURONS, physiology/ RABBITS/ *TEMPERATURE

1602. **Hellsing K:** Immune reactions in polysaccharide media. The effect of hyaluronate, chondroitin sulphate and chondroitin sulphate-protein complex on the precipitin reaction. Biochem J 112:475-81, May 69
ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS/ ANTIGENS/ CARTILAGE/ CATTLE/ CHEMISTRY/ CHICKENS/ *CHONDROITIN/ COMB AND WATTLES/ CONNECTIVE TISSUE, immunology/ GAMMA GLOBULIN, 7S/ GEL DIFFUSION TESTS/ GEL FILTRATION/ GUINEA PIGS/ HUMAN/ *HYALURONIC ACID/ HYALURONIDASE/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ MALE/ MOLECULAR WEIGHT/ *POLYSACCHARIDES/ *PROTEINS/ RABBITS/ SERUM ALBUMIN, RADIO-IODINATED/ SOLUBILITY/ SULFATES/ TESTIS, enzymology

1603. **Hempel K, Männl HF:** Dopamin, ein neuer Bestandteil des Nebennieren-Inkrets.
Naunyn Schmiedeberg Arch Pharm 263:222, 1969 (Ger)
ADRENAL GLANDS, blood supply/ *ADRENAL GLANDS, secretion/ ANIMAL EXPERIMENTS/ CATS/ DOPAMINE, blood/ *DOPAMINE, secretion/ EPINEPHRINE, blood/ NOREPINEPHRINE, blood/ RABBITS/ TYROSINE, metabolism

1604. **Hendee AE, Martin RD, Waters WC 3d:** Hypertension in pregnancy: toxemia or pheochromocytoma?
Amer J Obstet Gynec 105:64-72, 1 Sep 69
*ADRENAL GLAND NEOPLASMS, complications/ ADRENAL GLAND NEOPLASMS, diagnosis/ ADULT/ AORTOGRAPHY/ CATECHOLAMINES, urine/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ *HYPERTENSION, etiology/ MIDDLE AGE/ PARAGANGLIA, NONCHROMAFFIN/ PHENTOLAMINE, diagnostic use/ *PHEOCHROMOCYTOMA, complications/ PHEOCHROMOCYTOMA, diagnosis/ PREGNANCY/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, etiology/ *PREGNANCY TOXEMIAS, diagnosis/ VANILMANDELIC ACID, urine

1605. **Henderson AS:** The physiological maturity of adolescent psychiatric patients, juvenile delinquents and normal teenagers.
Brit J Psychiat 115:895-905, Aug 69
*ADOLESCENCE/ ADULT/ AGE DETERMINATION BY SKELETON/ CHILD/ FEMALE/ HUMAN/ *JUVENILE DELINQUENCY/ MALE/ MENSTRUATION/ *MENTAL DISORDERS, etiology/ NEUROSES, etiology/ PERSONALITY DISORDERS, etiology/ PSYCHOSES, etiology/ PUBERTY/ SCOTLAND/ SOCIAL BEHAVIOR DISORDERS, etiology/ SOCIAL CLASS/ STATISTICS

1606. **Henderson ES:** Treatment of acute leukemia.
Seminars Hemat 6:271-319, Jul 69 (229 ref.)
ADRENAL CORTEX HORMONES, therapeutic use/ AGE FACTORS/ ANTIBIOTICS, therapeutic use/ ASPARAGINASE, therapeutic use/ BLOOD PLATELETS/ BLOOD TRANSFUSION/ BONE MARROW CELLS/ CYCLOPHOSPHAMIDE, therapeutic use/ CYTARABINE, therapeutic use/ FOLIC ACID ANTAGONISTS, therapeutic use/ HUMAN/ LEUKEMIA, surgery/ *LEUKEMIA, therapy/ MERCAPTOPURINE, therapeutic use/ METALS, therapeutic use/ METHOTREXATE, therapeutic use/ PROGNOSIS/ RADIOISOTOPES/ RADIOTHERAPY/ REVIEW/ STAPHYLOCOCCAL INFECTIONS, drug therapy/ STEROIDS, therapeutic use/ VINCRISTINE, therapeutic use

1607. **Henderson JR:** Why are the islets of Langerhans?
Lancet 2:469-70, 30 Aug 69
ADRENAL GLANDS, physiology/ ANATOMY, COMPARATIVE/ CYCLOSTOMES, embryology/ ENDOCRINE GLANDS, metabolism/ EVOLUTION/ EXOCRINE GLANDS, metabolism/ *ISLANDS OF LANGERHANS, metabolism/ ISLANDS OF LANGERHANS, physiology/ PANCREAS, embryology

1608. **Hendren WH, Henderson BM:** Recent advances in pediatric surgery.
Amer J Surg 118:338-55, Sep 69 (118 ref.)
ADRENOGENITAL SYNDROME, surgery/ ANESTHESIA/ ANUS, IMPERFORATE, surgery/ BLADDER EXSTROPHY, surgery/ BURNS, surgery/ CHILD, PRESCHOOL/ DIAPHRAGMATIC HERNIA, congenital/ DIAPHRAGMATIC HERNIA, surgery/ ESOPHAGEAL ATRESIA, surgery/ ESOPHAGEAL PERFORATION, surgery/ GASTROSTOMY/ HEART DEFECTS, CONGENITAL, surgery/ HUMAN/ INFANT/ INFANT, NEWBORN/ MEGACOLON, surgery/ NEPHROBLASTOMA/ PARENTERAL FEEDING/ *PEDIATRICS/ POSTOPERATIVE CARE/ PREOPERATIVE CARE/ REVIEW/ *SURGERY, OPERATIVE/ TRANSPLANTATION/ URETER, abnormalities/ VESICO-URETERAL REFLUX, surgery

1609. **Heninger GR, McDonald RK, Goff WR, et al:** Diurnal variations in the cerebral evoked response and EEG. Relations to 17-hydroxycorticosteroid levels.
Arch Neurol (Chicago) 21:330-7, Sep 69
ADULT/ ANALYSIS OF VARIANCE/ AUDITORY CORTEX, physiology/ *CEREBRAL CORTEX, physiology/ *CIRCADIAN RHYTHM/ CORTICOTROPIN RELEASING FACTOR/ DEXAMETHASONE/ ELECTRIC STIMULATION/ ELECTROENCEPHALOGRAPHY/ *EVOKED

POTENTIALS/ *HEARING/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, blood/ *17-HYDROXYCORTICOSTEROIDS, metabolism/ 17-HYDROXYCORTICOSTEROIDS, urine/ LIGHT/ MALE/ NOISE/ PERIPHERAL NERVES, physiology/ PLACEBOS/ *VISION/ VISUAL CORTEX, physiology

1610. **Henkel L, Willert HG**: Dysmelia. A classification and a pattern of malformation in a group of congenital defects of the limbs.
J Bone Joint Surg [Brit] 51:399-414, Aug 69
*ABNORMALITIES, classification/ *BONE AND BONES, abnormalities/ CHILD/ ECTROMELIA, classification/ *EXTREMITIES, abnormalities/ FEMUR, abnormalities/ HUMAN/ HUMERUS, abnormalities/ RADIUS, abnormalities/ THALIDOMIDE, adverse effects/ THUMB, abnormalities/ TIBIA, abnormalities/ ULNA, abnormalities

1611. **Henneberg U, Eckart JP, Häring R**: Die Wirkung von Octapressin unter Narkosebedingungen auf Pfortaderdruck, arteriellen Blutdruck und zentralen Venendruck. Messungen bei der portocavalen Shunt-Operation.
Deutsch Med Wschr 94:1679-82, 22 Aug 69 (Ger)
ADULT/ *ANESTHESIA, GENERAL/ ARTERIES/ *BLOOD PRESSURE, drug effects/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERTENSION, PORTAL, surgery/ MALE/ MIDDLE AGE/ PHELYPRESSIN, pharmacodynamics/ PORTAL VEIN/ VASOPRESSIN, administration & dosage/ *VASOPRESSIN, pharmacodynamics/ VEINS

1612. **Henson PM**: Role of complement and leukocytes in immunologic release of vasoactive amines from platelets. Fed Proc 28:1721-8, Sep-Oct 69
ANIMAL EXPERIMENTS/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, immunology/ BLOOD PLATELETS, secretion/ *COMPLEMENT, pharmacodynamics/ FERRITIN/ *HISTAMINE LIBERATION/ IN VITRO/ *LEUKOCYTES, immunology/ RABBITS/ SEROTONIN

1613. **Hepp KD, Menahan LA, Wieland O, et al**: Studies on the action of insulin in isolated adipose tissue cells. II. 3',5'-Nucleotide phosphodiesterase and antilipolysis.
Biochim Biophys Acta 184:554-65, 2 Sep 69
ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ ADIPOSE TISSUE, cytology/ ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ CAFFEINE, pharmacodynamics/ CORTICOTROPIN, pharmacodynamics/ CORYNEBACTERIUM DIPHTHERIAE, pathogenicity/ DEPRESSION, CHEMICAL/ EPIDIDYMIS/ EPINEPHRINE, pharmacodynamics/ GLUCAGON, pharmacodynamics/ HETEROCYCLIC COMPOUNDS/ HYDROGEN-ION CONCENTRATION/ IMIDAZOLES, pharmacodynamics/ IN VITRO/ INSULIN, pharmacodynamics/ KINETICS/ *LIPIDS, metabolism/ MALE/ MEMBRANES, enzymology/ NICOTINIC ACID, pharmacodynamics/ NUCLEOTIDES/ PHOSPHATASES, antagonists & inhibitors/ *PHOSPHATASES, metabolism/ RATS/ STIMULATION, CHEMICAL/ THEOPHYLLINE, pharmacodynamics/ ULTRASONICS

1614. **Herbich J, Schwetz F**: Trachealstenose durch verkannten Fremdkörper.
Mschr Ohrenheilk 103:300-7, 1969 (Ger)
DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ EXPERT TESTIMONY/ *FOREIGN BODIES, complications/ FOREIGN BODIES, diagnosis/ GOITER, diagnosis/ GOITER, surgery/ HUMAN/ MALE/ MALPRACTICE/ MIDDLE AGE/ TAMPONS/ *TRACHEA/ TRACHEA, pathology/ *TRACHEAL STENOSIS, etiology

1615. **Herdenstam CG**: Systemic effects of topically applied corticosteroid hormones.
Acta Dermatovener (Stockholm) 49:167-70, 1969
*CORTICOSTERONE, adverse effects/ CORTICOSTERONE, blood/ CORTICOSTERONE, urine/ FEMALE/ HUMAN/ MALE/ OCCLUSIVE DRESSINGS/ OINTMENTS/ PITUITARY-ADRENAL FUNCTION TESTS/ *PITUITARY-ADRENAL SYSTEM, drug effects/ PSORIASIS, drug therapy/ *SKIN ABSORPTION

1616. **Herford ME**: Haemochromatosis, diabetes, and hyperthyroidism. Brit Med J 1:359, 9 Aug 69
ADULT/ CARBIMAZOLE, therapeutic use/ *DIABETES MELLITUS, complications/ *HEMOCHROMATOSIS, complications/ HEMOCHROMATOSIS, diagnosis/ HUMAN/ *HYPERTHYROIDISM, complications/ HYPERTHYROIDISM, drug therapy/ MALE/ MIDDLE AGE

1617. **Heriant M, Ectors F**: Identification des cellules LH du Porc en microscopie optique, en microscopie électronique et par immuno-fluorescence.
C R Acad Sci [D] (Paris) 269:368-70, 1969 (Fre)
ANIMAL EXPERIMENTS/ CASTRATION/ ESTRUS/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ GLYCOPROTEINS/ IMMUNE SERUMS/ *LH, secretion/ MICROSCOPY/ MICROSCOPY, ELECTRON/ OVARY, physiology/ *PITUITARY GLAND, cytology/ *SWINE

1618. **Herman E, Babiok L, Janczewski Z, et al**: Chromatyna płciowa w gonadach mężczyzn z zespołem Klinefeltera. Ginek Pol 40:559-63, May 69 (Pol)
ENGLISH ABSTRACT/ HUMAN/ *KLINEFELTER'S SYNDROME/ *LEYDIG CELLS, analysis/ MALE/ MOSAICISM/ *SERTOLI CELLS, analysis/ *SEX CHROMATIN, analysis/ *TESTIS, analysis

1619. **Hermand E**: Action des oestrogènes sur les monoamines tubéro-infundibulaires chez le hamster femelle. C R Soc Biol (Paris) 162:1959-61, May 69 (Fre)
ANIMAL EXPERIMENTS/ *ESTROGENS, pharmacodynamics/ FEMALE/ HAMSTERS/ HYPOTHALAMUS, drug effects/ *HYPOTHALAMUS, metabolism/ MICROSCOPY, FLUORESCENCE/ OVARY, drug effects/ TYROSINE, pharmacodynamics/ UTERUS, drug effects/ VAGINAL SMEARS

1620. **Hermetet JC, Lodin Z, Mandel P**: Etude fluorométrique des amines biogènes dans des cellules isolées.
J Physiol (Paris) 60:Suppl 2:458-9, 1968 (Fre)
ANIMAL EXPERIMENTS/ CATECHOLAMINES, analysis/ DOPA, pharmacodynamics/ FLUOROMETRY/ FORMALDEHYDE/ FREEZE DRYING/ HYPOTHALAMUS, analysis/ HYPOTHALAMUS, drug effects/ LIMBIC SYSTEM, analysis/ LIMBIC SYSTEM, drug effects/ NEURONS, analysis/ NEURONS, drug effects/ NIALAMIDE, pharmacodynamics/ PHENYLALANINE, pharmacodynamics/ RATS/ RESERPINE, pharmacodynamics/ SEROTONIN, analysis/ ULTRAVIOLET RAYS

1621. **Hermier M, Gilly R, Chevallier G**: L'évolution de la mucoviscidose. Expérience du centre de Giens.
Ann Pediat (Paris) 16:368-79, 2 May 69 (Fre)
ADRENAL CORTEX HORMONES, therapeutic use/ ANTIBIOTICS, therapeutic use/ ATELECTASIS, etiology/ BRONCHOSCOPY, adverse effects/ CHLORAMPHENICOL, adverse effects/ *CYSTIC FIBROSIS/ DIABETES MELLITUS, JUVENILE, etiology/ HEPATOMEGALY, etiology/ HOME NURSING/ HUMAN/ INFANT/ INFANT, NEWBORN/ INFECTION, etiology/ LUNG, radiography/ LUNG DISEASES, etiology/ MYOCARDITIS, etiology/ PLEURAL DISEASES, etiology/ PNEUMOTHORAX, etiology/ PULMONARY EMPHYSEMA, etiology/ PULMONARY HEART DISEASE, etiology/ STAPHYLOCOCCAL INFECTIONS, etiology

1622. **Herrault A**: Les douleurs osseuses de croissance.
Ann Pediat (Paris) 14:523-5, Jun-Jul 67 (Fre)
*BONE AND BONES/ BONE DISEASES, diagnosis/ CHILD/ CHILD, PRESCHOOL/

DIAGNOSIS, DIFFERENTIAL/ *GROWTH/ HUMAN/ INFANT/ *PAIN

1623. **Herrera E, Escobar del Rey F, Morreale de Escobar G:** Mechanism of goitorogenesis by very low doses of propylthiouracil and the role of iodine intake.
Acta Endocr (Kobenhavn) 59:529-44, Dec 68
ANIMAL EXPERIMENTS/ DIET/ FEMALE/ *GOITER, chemically induced/ HOMEOSTASIS/ IODINE, administration & dosage/ IODINE, blood/ IODINE, metabolism/ *IODINE, pharmacodynamics/ IODINE ISOTOPES/ MALE/ ORGAN WEIGHT/ *PROPYLTHIOURACIL, pharmacodynamics/ RATS/ THYROID GLAND, drug effects/ THYROID GLAND, metabolism/ THYROTROPIN, blood/ *THYROXINE, metabolism

1624. **Herrera JL, Tormo JG, Oliva H, et al:** La disgenesia gonadal mixta. Observaciones sobre un caso estudiado. Rev Clin Esp 111:411-6, 30 Nov 68 (Spa)
ADOLESCENCE/ CHROMOSOME ABERRATIONS/ ENGLISH ABSTRACT/ FEMALE/ *HERMAPHRODITISM, familial & genetic/ HERMAPHRODITISM, pathology/ HUMAN/ *STERILITY

1625. **Herrero S:** Radio-frequency-current and direct-current lesions in the ventromedial hypothalamus.
Amer J Physiol 217:403-10, Aug 69
ADRENAL GLANDS, physiology/ ANIMAL EXPERIMENTS/ BEHAVIOR, ANIMAL/ BODY WEIGHT/ DRINKING BEHAVIOR/ ESTRUS/ FEMALE/ HYPOTHALAMUS, pathology/ *HYPOTHALAMUS, physiology/ *OBESITY/ ORGAN WEIGHT/ RADIO WAVES/ RATS/ TEMPERATURE

1626. **Herrmann JB:** Bilateral breast cancer in relation to the menses. Amer J Surg 118:448-52, Sep 69
BREAST NEOPLASMS, familial & genetic/ BREAST NEOPLASMS, mortality/ *BREAST NEOPLASMS, occurrence/ BREAST NEOPLASMS, surgery/ CASTRATION/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ MASTECTOMY/ *MENOPAUSE/ MIDDLE AGE/ OVARY, surgery

1627. **Herscovics A:** Biosynthesis of thyroglobulin. Incorporation of [1-14C] galactose, [1-14C] manose and [4,5-3H2] leucine into soluble proteins by rat thyroids in vitro. Biochem J 112:709-19, May 69
AMINO ACIDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ CARBOHYDRATES, biosynthesis/ CARBON ISOTOPES/ CENTRIFUGATION, DENSITY GRADIENT/ DEPRESSION, CHEMICAL/ FEMALE/ *GALACTOSE, metabolism/ GALACTOSE, pharmacodynamics/ IN VITRO/ IODINE, metabolism/ *LEUCINE, metabolism/ MALE/ *MANNOSE, metabolism/ PEPTIDES, biosynthesis/ *PROTEINS, biosynthesis/ PUROMYCIN, pharmacodynamics/ PYRUVATES, pharmacodynamics/ RATS/ SOLUBILITY/ *THYROGLOBULIN, biosynthesis/ THYROID GLAND, drug effects/ *THYROID GLAND, metabolism/ TIME FACTORS/ TRITIUM

1628. **Hersey SJ, Jöbsis FF:** Redox changes in the respiratory chain related to acid secretion by the intact gastric mucosa.
Biochem Biophys Res Commun 36:243-50, 23 Jul 69
ANIMAL EXPERIMENTS/ COLD/ *CYTOCHROMES, metabolism/ *ELECTRON TRANSPORT, drug effects/ FROGS/ *GASTRIC JUICE, secretion/ GASTRIC MUCOSA, drug effects/ *GASTRIC MUCOSA, secretion/ HISTAMINE, pharmacodynamics/ OXIDATION-REDUCTION/ *OXYGEN, pharmacodynamics/ SPECTROPHOTOMETRY/ THIOCYANATES, pharmacodynamics

1629. **Hershman JM:** Treatment of hyperthyroidism.
Mod Treatm 6:497-515, May 69
FEMALE/ HUMAN/ *HYPERTHYROIDISM, therapy/ IODINE ISOTOPES, therapeutic use/ MALE/ PREGNANCY COMPLICATIONS/ RESERPINE, administration & dosage/ THYROIDECTOMY

1630. **Hervé R, Sergent P, Robey M:** Propriétés antigéniques de l'ovaire. Leur mise en évidence au niveau du tissu ovarien du liquide folliculaire et du mucus cervical.
Presse Med 76:2421-4, 25 Dec 68 (Fre)
*ANTIGENS, analysis/ CERVIX MUCUS, analysis/ *CERVIX MUCUS, immunology/ ENGLISH ABSTRACT/ FEMALE/ *GRAAFIAN FOLLICLE, immunology/ HUMAN/ IMMUNE SERUMS, diagnostic use/ IMMUNOELECTROPHORESIS/ METHODS/ OVARIAN CYSTS, immunology/ OVULATION/ *OVUM, immunology/ PRECIPITIN TESTS/ SPECIES SPECIFICITY

1631. **Herz A, Hod I:** The albumin-alpha globulin ration in various physiological states in cattle.
Brit Vet J 125:326-9, Jul 69
AGE FACTORS/ *ALPHA GLOBULIN, analysis/ ANIMAL EXPERIMENTS/ BLOOD PROTEIN ELECTROPHORESIS/ *CATTLE/ FEMALE/ LACTATION/ PREGNANCY/ *SERUM ALBUMIN, BOVINE, analysis

1632. **Herzer H, Cavegn B, Stamm O, et al:** Endometriumveränderungen durch das Retrosteroid RO-4-8347. Gynaecologia (Basel) 168:1-24, 1969 (Ger)
ADULT/ AGED/ AMENORRHEA, drug therapy/ CASTRATION/ *ENDOMETRIUM, drug effects/ ENDOMETRIUM, pathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPOGONADISM, drug therapy/ *MENSTRUATION DISORDERS, drug therapy/ MIDDLE AGE/ *OVARIAN DISEASES, drug therapy/ OVARY, surgery/ PROGESTATIONAL HORMONES/ *PROGESTATIONAL HORMONES, therapeutic use/ PROGESTERONE, pharmacodynamics/ *PROGESTERONE, therapeutic use/ STEREOISOMERS/ TURNER'S SYNDROME, drug therapy

1633. **Heuyer G:** Pour la psychiatrie infantile.
Sem Hop Paris 45:1527-32, 8 May 69 (Fre)
ADOLESCENCE/ CHILD/ CHILD BEHAVIOR DISORDERS/ CHILD HEALTH SERVICES/ CHILD, PRESCHOOL/ *CHILD PSYCHIATRY/ CHILD PSYCHOLOGY/ CRETINISM/ *EDUCATION OF MENTALLY RETARDED/ FEMALE/ HUMAN/ INFANT/ MALE/ MENTAL RETARDATION/ PEDIATRICS/ PSYCHOANALYTIC THEORY/ PSYCHOANALYTIC THERAPY/ PSYCHOLOGICAL TESTS/ PSYCHOSEXUAL DEVELOPMENT/ TEACHING

1634. **Hewlett PS:** The potentiation between thanite and arprocarb in their action on houseflies.
Ann Appl Biol 63:477-81, Jun 69
ANIMAL EXPERIMENTS/ *CARBAMATES, pharmacodynamics/ *DRUG SYNERGISM/ *HOUSEFLIES, drug effects/ INSECT CONTROL/ INSECTICIDES, pharmacodynamics/ *THIOCYANATES, pharmacodynamics

1635. **Heyder G:** Das Urogenitalsystem von Typhlops vermicularis Merrem (1820)
Gegenbaur Morph Jahrb 112:594-605, 1968 (Ger)
ANIMAL EXPERIMENTS/ FEMALE/ KIDNEY, anatomy & histology/ MALE/ OVARY, anatomy & histology/ PENIS, anatomy & histology/ *REPTILES, anatomy & histology/ TESTIS, anatomy & histology/ *UROGENITAL SYSTEM, anatomy & histology

1636. **Heydlauf H:** Ferric-cyanoferrate (II): an effective antidote in thallium poisoning.
Europ J Pharmacol 6:340-4, 1969
ANIMAL EXPERIMENTS/ *FERROCYANIDES, therapeutic use/ INTESTINAL ABSORPTION, drug effects/ KIDNEY, analysis/ LIVER, analysis/ MALE/ MUSCLES, analysis/ RADIOISOTOPES/ RATS/ SKELETON, analysis/ TESTIS, analysis/ THALLIUM, analysis/ THALLIUM, metabolism/ *THALLIUM, poisoning/ THALLIUM, urine

1637. **Highman B, Altland PD:** Effect of demethyl sulfoxide

on serum enzymes and tissues of rats given epinephrine and cortisone. Life Sci 8:673-83, 1 Jul 69
ADRENAL GLANDS, metabolism/ ALANINE AMINOTRANSFERASE, blood/ ALDOLASE, blood/ ANIMAL EXPERIMENTS/ ANOXIA/ ASPARTATE AMINOTRANSFERASE, blood/ *CORTISONE, pharmacodynamics/ *DIMETHYL SULFOXIDE, pharmacodynamics/ *ENZYMES, blood/ *EPINEPHRINE, pharmacodynamics/ HEART DISEASES, drug therapy/ HYPERGLYCEMIA, chemically induced/ LACTATE DEHYDROGENASE, blood/ LIVER DISEASES, drug therapy/ MALATE DEHYDROGENASE, blood/ MALE/ RATS

1638. **Higier J, Krajewski J:** Modyfikacja własna wzniecania i pobudzania czynności porodowej za pomocą oksytocyny w środowisku krwi.
Wiad Lek 22:1077-84, 15 Jun 69 (Pol)
BLOOD/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INJECTIONS, INTRAVENOUS/ *LABOR, INDUCED/ METHODS/ *OXYTOCIN, administration & dosage/ PREGNANCY

1639. **Higier J, Zarzycki H:** Wzniecanie i pobudzanie porodu dezaminooksytocyną. Ginek Pol 40:755-64, Jul 69 (Pol)
ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LABOR, INDUCED/ OXYTOCIN, administration & dosage/ *OXYTOCIN, pharmacodynamics/ PREGNANCY

1640. **Higurashi M, Matsui I, Naganuma M:** [Chromosome anomalies and genetics] Naika 23:633-7, Apr 69 (Jap)
ADULT/ AUTOSOME ABNORMALITIES/ *CHROMOSOME ABNORMALITIES, familial & genetic/ FEMALE/ *GENETICS, HUMAN/ HUMAN/ MALE/ MIDDLE AGE/ SEX CHROMOSOME ABNORMALITIES, familial & genetic

1641. **Hijmans JC, McCarty KS:** Effect of hydrocortisone on chick duodenum cultured in chemically defined medium. Proc Soc Exp Biol Med 131:1407-12, Sep 69
AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ BLOOD/ CHICK EMBRYO/ CULTURE MEDIA/ DEPRESSION, CHEMICAL/ DUODENUM, drug effects/ DUODENUM, enzymology/ *DUODENUM, metabolism/ GLUCOSE, metabolism/ *HYDROCORTISONE, pharmacodynamics/ IN VITRO/ MITOSIS/ STIMULATION, CHEMICAL/ SUCRASE, metabolism/ *TISSUE CULTURE

1642. **Hildesheim J, Géro SD, Khuong-Huu G, et al:** The synthesis of derivatives of 4-amino-3-O-methyl-2,4,6-trideoxy-alpha-D-ribo-hexopyranose, a component of the steroidal alkaloid holacurtin. Tetrahedron Lett 33:2849-51, Jul 69
ALKALOIDS/ *GLYCOSIDES, chem synthesis/ STEROIDS

1643. **Hildreth PE, Ulrichs PC:** A temperature effect on nondisjunction of the X chromosomes among eggs from aged Drosophila females. Genetica 40:191-7, 1969
ANIMAL EXPERIMENTS/ CELL DIVISION/ DROSOPHILA/ FEMALE/ MATERNAL AGE/ *MEIOSIS/ OVUM, cytology/ *SEX CHROMOSOMES/ *TEMPERATURE

1644. **Hill DW:** Applications of radioisotopes to urology and renal medicine. Brit J Urol Suppl:4-14, Aug 69
CHEMISTRY, PHYSICAL/ HUMAN/ KIDNEY, blood supply/ *KIDNEY DISEASES, diagnosis/ KIDNEY DISEASES, metabolism/ KIDNEY DISEASES, radiotherapy/ KIDNEY FUNCTION TESTS/ PARATHYROID DISEASES, diagnosis/ PLASMA VOLUME/ *RADIOISOTOPES/ RADIOMETRY/ *UROLOGY

1645. **Hilscher B, Hilscher W, Maurer W:** Autoradiographische Untersuchungen über den Modus der Proliferation und Regeneration des Samenepithels der Wistarratte.
Z Zellforsch 94:593-604, 1969 (Ger)
ANIMAL EXPERIMENTS/ EPITHELIUM, cytology/ MALE/ *MITOSIS/ RADIOAUTOGRAPHY/ RATS/ *SPERMATOZOA, physiology/ *TESTIS, cytology/ THYMIDINE/ TRITIUM

1646. **Himaya A, Collins DC, Williamson DG, et al:** Steroid N-acetylglucosaminyltransferase: elevation of activity in rabbit kidney by oestrogen treatment. Biochem J 113:445-6, Jun 69
ANIMAL EXPERIMENTS/ CASTRATION/ DIETHYLSTILBESTROL, pharmacodynamics/ ESTRADIOL, pharmacodynamics/ *ESTROGENS, pharmacodynamics/ FEMALE/ KIDNEY, drug effects/ *KIDNEY, enzymology/ RABBITS/ *TRANSFERASES, analysis

1647. **Hines WJ:** The effect of two synthetic steroids on the ultrastructure of the liver of rattus norvegicus l. J Pharm Pharmacol 21:509-13, Aug 69
ANIMAL EXPERIMENTS/ ENDOPLASMIC RETICULUM, drug effects/ ENZYME INDUCTION/ ESTERASES, analysis/ FEMALE/ LIVER, cytology/ *LIVER, drug effects/ LIVER, enzymology/ *PREGNANES, pharmacodynamics/ *PROGESTATIONAL HORMONES, pharmacodynamics/ RATS

1648. **Hirai G, Suzuki M, Ichinohe J:** [Constitution of the hard tissue minerals relevant to Scherrer method] J Jap Stomat Soc 36:79-86, Jun 69 (Jap)
BONE AND BONES, analysis/ HUMAN/ *MINERALS, analysis/ *TOOTH, analysis/ *X-RAY DIFFRACTION

1649. **Hirai M, Masubuchi Y, Nakao T:** Microfluorometric determination of 4-pregnen-20alpha-ol-3-one separated from rat ovarian venous blood and ovary by divided thin layer chromatography.
Endocr Jap 16:55-68, Feb 69
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ CRYSTALLIZATION/ ESTRUS, drug effects/ FEMALE/ FLUORESCENCE/ FLUOROMETRY/ INFRARED RAYS/ MICROCHEMISTRY/ OVARY, analysis/ OVARY, drug effects/ *PROGESTATIONAL HORMONES, analysis/ RATS/ SPECTROPHOTOMETRY/ SPECTRUM ANALYSIS/ SULFURIC ACIDS/ TIME FACTORS/ VAGINAL SMEARS/ VEINS

1650. **Hiraki K, Mori S:** [Treatment and prognosis of aplastic anemia] Saishin Igaku 24:749-56, Apr 69 (42 ref.) (Jap)
ADRENAL CORTEX HORMONES, therapeutic use/ ANABOLIC STEROIDS, therapeutic use/ ANEMIA, APLASTIC, complications/ *ANEMIA, APLASTIC, therapy/ BLOOD TRANSFUSION/ BONE MARROW, transplantation/ CERULOPLASMIN, therapeutic use/ CORTICOTROPIN, therapeutic use/ FEMALE/ GAMMA GLOBULIN, therapeutic use/ HUMAN/ MALE/ PROGNOSIS/ REVIEW/ SEX HORMONES, therapeutic use/ SPLENECTOMY

1651. **Hiroishi T:** [Experimental study on antibiotic distribution to the temporal bone with special reference to tetracycline]
J Otolaryng Jap 72:1029-51, May 69 (Jap)
AGE FACTORS/ ANIMAL EXPERIMENTS/ BONE AND BONES, analysis/ BONE AND BONES, metabolism/ CALCIUM, analysis/ EPIPHYSES, metabolism/ FEMALE/ MALE/ MICROSCOPY, FLUORESCENCE/ *OTITIS MEDIA, metabolism/ RATS/ *TEMPORAL BONE, metabolism/ TETRACYCLINE, blood/ *TETRACYCLINE, metabolism/ TIME FACTORS

1652. **Hirooka M, Ono T, Kubota N, et al:** Hereditary hematuria associated with mental retardation, convulsions, abnormal EEG and ocular abnormalities. Tohoku J Exp Med 98:199-211, Jun 69
AMINO ACID METABOLISM, INBORN ERRORS, complications/ AMINO ACIDS, blood/ BIOPSY/ BONE AND BONES, radiography/ CASE REPORT/ CHILD, PRESCHOOL/ CHROMATOGRAPHY, GAS/ *CONVULSIONS, complications/ *ELECTROENCEPHALOGRAPHY/ ELECTRORETINOGRAPHY/ FEMALE/ HEMATURIA, complications/ *HEMATURIA, familial & genetic/ HUMAN/ KIDNEY, pathology/ LIVER FUNCTION TESTS/

*MENTAL RETARDATION, complications/ MICROSCOPY, ELECTRON/ MYOPIA, complications/ NYSTAGMUS, complications/ PNEUMOENCEPHALOGRAPHY/ RETINAL DEGENERATION, complications/ SKULL, radiography/ STRABISMUS, complications/ TUBERCULIN TEST/ UROGRAPHY/ *VISION DISORDERS, complications/ WASSERMANN REACTION

1653. **Hirose K, Inagaki H, Watanabe H, et al:** [Autopsy case of craniopharyngioma preceded by fever and diabetes insipidus] Saishin Igaku 24:1299-306, Jun 69 **(Jap)**
ADULT/ BRAIN NEOPLASMS, cerebrospinal fluid/ BRAIN NEOPLASMS, complications/ *BRAIN NEOPLASMS, pathology/ CASE REPORT/ CRANIOPHARYNGIOMA, cerebrospinal fluid/ CRANIOPHARYNGIOMA, complications/ *CRANIOPHARYNGIOMA, pathology/ *DIABETES INSIPIDUS, complications/ *FEVER, complications/ HUMAN/ MALE/ *MENINGITIS, complications/ VISION DISORDERS, complications

1654. **Hiroshige T, Ito S:** [CRF (corticotropin-releasing factor)] Jap J Clin Med 27:1364-73, May 69 **(Jap)**
ADRENAL CORTEX HORMONES, blood/ ANIMAL EXPERIMENTS/ CIRCADIAN RHYTHM/ CORTICOTROPIN, secretion/ *CORTICOTROPIN RELEASING FACTOR, metabolism/ HYPOTHALAMUS, metabolism/ RATS/ SWINE

1655. **Hirsch A:** Lásthme grave. Etude de 80 observations dásthme grave et mortel.
Ann Med Intern (Paris) 120:97-109, Feb 69 **(Fre)**
ACID-BASE EQUILIBRIUM/ ACIDOSIS, RESPIRATORY, etiology/ ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ AGED/ ANTIBIOTICS, therapeutic use/ *ASTHMA, complications/ *ASTHMA, mortality/ ASTHMA, therapy/ CARBON DIOXIDE, blood/ CHILD/ CHILD, PRESCHOOL/ CYANOSIS, etiology/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ HEART CATHETERIZATION/ *HEART FAILURE, CONGESTIVE, etiology/ HEMATOCRIT/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ MALE/ MIDDLE AGE/ MUCUS/ RESPIRATORY FUNCTION TESTS/ RESPIRATORY HYPERSENSITIVITY, complications/ RESPIRATORY SYSTEM, radiography/ RESUSCITATION

1656. **Hirschfeld AJ, Fleshman JK:** An unusually high incidence of salt-losing congenital adrenal hyperplasia in the Alaskan Eskimo.
J Pediat 75:492-4, Sep 69
ADRENAL GLAND DISEASES, congenital/ *ADRENOGENITAL SYNDROME, occurrence/ ALASKA/ ESKIMOS/ FEMALE/ HETEROZYGOTE/ HOMOZYGOTE/ HUMAN/ HYPERKALEMIA, etiology/ HYPONATREMIA, etiology/ INFANT/ INFANT, NEWBORN/ MALE

1657. **Hirthe D, Mühlbach R:** Die Differentialdiagnose angeborener Systemerkrankungen des Skeletts an Hand bon biochemischen Veränderungen in den Körperflüssigkeiten.
Beitr Orthop Trauma 15:653-8, 1968 **(Ger)**
*BONE DISEASES, metabolism/ *CALCIUM, metabolism/ *CYSTIC FIBROSIS, metabolism/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ *HYDROXYPROLINE, urine/ *HYPERPARATHYROIDISM, blood/ HYPERPARATHYROIDISM, diagnosis/ *MUCOPOLYSACCHARIDES, metabolism/ *OSTEOGENESIS IMPERFECTA, urine/ *PHOSPHORUS, metabolism

1658. **Hitier Y, Terroine T:** Activité de la DNase II et déséquilibre tissulaire en fer chez le cobaye.
Ann Nutr (Paris) 23:A71-6, 1969 **(Fre)**
ANIMAL EXPERIMENTS/ BODY WEIGHT/ *DEFEROXAMINE, pharmacodynamics/ *DEOXYRIBONUCLEASE, metabolism/ DEPRESSION, CHEMICAL/ GUINEA PIGS/ *IRON, metabolism/ *IRON-DEXTRAN COMPLEX, pharmacodynamics/ LIVER, anatomy & histology/ LIVER, enzymology/ LYSOSOMES, drug effects/ *LYSOSOMES, enzymology/ MALE/ MEMBRANES, drug effects/ MEMBRANES, enzymology/ MUSCLES, anatomy & histology/ MUSCLES, enzymology/ ORGAN WEIGHT/ SCURVY, complications/ *SCURVY, enzymology/ SCURVY, metabolism/ SPLEEN, anatomy & histology/ SPLEEN, enzymology/ TESTIS, anatomy & histology/ TESTIS, enzymology

1659. **Hobbs JR:** Immunochemical classes of myelomatosis. Including data from a therapeutic trial conducted by a Medical Research Council working party.
Brit J Haemat 16:599-606, Jun 69
ADULT/ AGED/ AMYLOIDOSIS, complications/ ANEMIA, complications/ BENCE JONES PROTEIN/ CYCLOPHOSPHAMIDE, therapeutic use/ FEMALE/ GAMMA GLOBULIN, classification/ GAMMA GLOBULIN, 19S/ HUMAN/ HYPERCALCEMIA, complications/ IMMUNOCHEMISTRY/ MALE/ MELPHALAN, therapeutic use/ MIDDLE AGE/ MULTIPLE MYELOMA, classification/ MULTIPLE MYELOMA, complications/ MULTIPLE MYELOMA, drug therapy/ *MULTIPLE MYELOMA, immunology/ MULTIPLE MYELOMA, mortality/ UREMIA, complications

1660. **Hobdell MH, Boyde A:** Microradiography and scanning electron microscopy of bone sections.
Z Zellforsch 94:487-94, 1969
BONE AND BONES, analysis/ *BONE AND BONES, cytology/ *BONE AND BONES, radiography/ BONE DEVELOPMENT/ BONE RESORPTION/ COLLAGEN, analysis/ COMPARATIVE STUDY/ HUMAN/ MANDIBLE, radiography/ METHODS/ MICROSCOPY, ELECTRON/ MINERALS, analysis/ OSTEOGENESIS

1661. **Hobkirk R, Musey P, Nilsen M:** Chromatographic separation of estrone and 17 beta-estradiol conjugates on DEAE-Sephadex. Steroids 14:191-206, Aug 69
CARBON ISOTOPES/ CHROMATOGRAPHY/ *ESTRADIOL, analysis/ ESTRADIOL, chem synthesis/ *ESTRONE, analysis/ ESTRONE, chem synthesis/ GLUCURONATES, analysis/ GLUCURONATES, chem synthesis/ SULFATES, analysis/ SULFATES, chem synthesis/ TRITIUM

1662. **Hoch-Ligeti C, Grantham HH Jr, Arvin JM:** Beta-glucuronidase activity in adrenals of patients with or without cancer. Cancer 24:796-802, Oct 69
*ADRENAL GLANDS, enzymology/ *ADRENAL MEDULLA, enzymology/ ADULT/ AGE FACTORS/ AGED/ *ALDOSTERONE, metabolism/ CORTISONE, therapeutic use/ DIETHYLSTILBESTROL, therapeutic use/ *GLUCURONIDASE, analysis/ HUMAN/ LUNG NEOPLASMS, enzymology/ MALE/ MIDDLE AGE/ *NEOPLASMS, enzymology/ PROSTATIC NEOPLASMS, enzymology/ STRESS

1663. **Höcker W:** Uber den Einfluss von Wachstumshormon auf das rote Blutbild hypophysektomierter Tauben.
Blut 19:332-6, Sep 69 **(Ger)**
ANEMIA, drug therapy/ ANIMAL EXPERIMENTS/ CELL NUCLEUS/ CYTOPLASM/ ERYTHROCYTE COUNT/ *ERYTHROCYTES, drug effects/ *GROWTH SUBSTANCES, pharmacodynamics/ HEMATOCRIT/ HEMOGLOBIN/ HYPOPHYSECTOMY/ PIGEONS/ PROLACTIN, pharmacodynamics/ SOMATOTROPIN, therapeutic use

1664. **Hodari AA, Carretero OA, Hodgkinson CP:** Uterine production of renin in normal and nephrectomized dogs. Obstet Gynec 34:358-62, Sep 69
ANIMAL EXPERIMENTS/ DOGS/ FEMALE/ GESTATIONAL AGE/ *KIDNEY, physiology/ NEPHRECTOMY/ ORGAN WEIGHT/ *PREGNANCY/ PUERPERIUM/ RENIN, analysis/ *RENIN, biosynthesis/ RENIN, blood/ UTERUS, analysis/ UTERUS, anatomy & histology/ *UTERUS, metabolism

1665. **Hodes HL**: Care of the critically ill child: endotoxin shock. Pediatrics 44:248-60, Aug 69
ANTIBIOTICS, therapeutic use/ BLOOD COAGULATION DISORDERS, etiology/ CARBOHYDRATES, metabolism/ CARDIOVASCULAR SYSTEM, drug effects/ CHILD/ ELECTROLYTES, therapeutic use/ HUMAN/ HYDROCORTISONE, therapeutic use/ PROTEINS, metabolism/ *SHOCK, ENDOTOXIC/ SHOCK, ENDOTOXIC, metabolism/ SHOCK, ENDOTOXIC, therapy/ SOLUTIONS, therapeutic use/ VASODILATOR AGENTS, therapeutic use

1666. **Hodge GP**: Perkeo, the dwarf-jester of Heidelberg. JAMA 209:403-4, 21 Jul 69
ACHONDROPLASIA, history/ *DWARFISM, history/ ECCENTRO-OSTEOCHONDRODYSPLASIA, history/ GERMANY/ HISTORICAL ARTICLE/ HISTORICAL BIOGRAPHY/ HISTORY OF MEDICINE, 17TH CENT./ HISTORY OF MEDICINE, 18TH CENT./ *MEDICINE IN ART

1667. **Hodge JV, Melmon KL, Sjoerdsma A**: Hormone-induced modifications of free tyrosine in the rat thyroid gland. J Physiol (London) 203:1-12, Jul 69
ANIMAL EXPERIMENTS/ HYPOPHYSECTOMY/ IODINE ISOTOPES/ ORGAN WEIGHT/ PITUITARY GLAND IRRADIATION/ *PROPYLTHIOURACIL, pharmacodynamics/ RATS/ RNA, analysis/ *THYROID GLAND, analysis/ THYROID GLAND, anatomy & histology/ THYROID GLAND, drug effects/ *THYROTROPIN, pharmacodynamics/ *THYROXINE, pharmacodynamics/ *TYROSINE, analysis/ TYROSINE, metabolism

1668. **Hoenig V**: Behandlung der akuten Hepatitis. Ther Umsch 26:270-4, May 69 (Ger)
ABORTION, THERAPEUTIC/ ANALGESICS AND ANTIPYRETICS, therapeutic use/ FEMALE/ GLUCOCORTICOIDS, therapeutic use/ *HEPATITIS, INFECTIOUS, drug therapy/ HEPATITIS, INFECTIOUS, rehabilitation/ HUMAN/ HYPNOTICS AND SEDATIVES, therapeutic use

1669. **Höfer R, Schatz H**: Immunologische Probleme bei Schilddrüsenerkrankungen.
Z Ges Inn Med 24:Suppl:97-8 f, 1 Apr 69 (Ger)
*ANTIBODIES, analysis/ FEMALE/ HUMAN/ *LONG-ACTING THYROID STIMULATOR, pharmacodynamics/ MIDDLE AGE/ MYXEDEMA, immunology/ PREDIABETIC STATE/ *THYROID DISEASES, immunology

1670. **Höfer R, Schatz H**: Immunologische Probleme bei Schilddrüsenerkrankungen.
Z Ges Inn Med 24:Suppl:91-6 c, 15 Mar 69 (Ger)
ADULT/ ANTIGEN-ANTIBODY REACTIONS/ *AUTOANTIBODIES, analysis/ ENGLISH ABSTRACT/ FEMALE/ GOITER, immunology/ HUMAN/ HYPERTHYROIDISM, immunology/ HYPOTHYROIDISM, immunology/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ LONG-ACTING THYROID STIMULATOR, blood/ MALE/ MIDDLE AGE/ MYXEDEMA, immunology/ *THYROID DISEASES, immunology/ THYROID NEOPLASMS, immunology

1671. **Hoffer PB**: Fluorescent thyroid scanning. Amer J Roentgen 105:721-7, Apr 69
AMERICIUM/ *FLUORESCENCE/ HUMAN/ IODINE ISOTOPES/ METHODS/ *RADIOISOTOPE SCANNING/ RADIOISOTOPE SCANNING, instrumentation/ *THYROID GLAND

1672. **Hoffman M**: Transsexualism. Amer J Psychiat 126:269-70, Aug 69
*HERMAPHRODITISM, surgery/ HERMAPHRODITISM, therapy/ HUMAN/ IDENTIFICATION (PSYCHOLOGY)

1673. **Hoffmann W, Forbes TR, Westphal U**: Biological inactivation of progesterone by interaction with corticosteroid-binding globulin and with albumin. Endocrinology 85:778-81, Oct 69
ANIMAL EXPERIMENTS/ BINDING SITES/ BIOLOGICAL ASSAY/ CASTRATION/ CHEMISTRY/ FEMALE/ MICE/ *PROGESTERONE, antagonists & inhibitors/ PROTEIN BINDING/ RATS/ *SERUM ALBUMIN/ *TRANSCORTIN/ UTERUS, drug effects

1674. **Hoffmeister F**: Tierexperimentelle Untersuchungen über den Schmerz und seine pharmakologische Beeinflussung.
Arzneimittelforschung Suppl 16:1-116, 1968 (Ger)
AMINOPYRINE, pharmacodynamics/ AMYGDALOID BODY, drug effects/ *ANALGESICS AND ANTIPYRETICS, pharmacodynamics/ ANALGESICS AND ANTIPYRETICS, therapeutic use/ ANIMAL EXPERIMENTS/ *BRAIN, drug effects/ BRAIN, physiology/ CATS/ CEREBRAL VENTRICLES, drug effects/ CHLORPROMAZINE, pharmacodynamics/ DRUG ADDICTION/ DRUG SYNERGISM/ ELECTRIC STIMULATION/ ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ ESCAPE REACTION, drug effects/ EVOKED POTENTIALS/ FEMALE/ HIPPOCAMPUS, drug effects/ HYPOTHALAMUS, drug effects/ LIMBIC SYSTEM, drug effects/ MALE/ MESENCEPHALON, drug effects/ METHAMPHETAMINE, pharmacodynamics/ METHOTRIMEPRAZINE, pharmacodynamics/ MORPHINE, pharmacodynamics/ NALORPHINE, pharmacodynamics/ *PAIN, drug therapy/ PAIN, physiopathology/ PENTAZOCINE, pharmacodynamics/ PONS, drug effects/ PROPOXYPHENE, pharmacodynamics/ RABBITS/ RATS/ REFLEX, drug effects/ RESERPINE, pharmacodynamics/ STEREOTAXIC TECHNICS/ THALAMUS, drug effects/ *TRANQUILIZING AGENTS, pharmacodynamics/ TRANQUILIZING AGENTS, therapeutic use/ VOCALIZATION, ANIMAL, drug effects

1675. **Hohenauer L, Oh W**: Body composition in experimental intrauterine growth retardation in the rat. J Nutr 99:23-6, Sep 69
ANIMAL EXPERIMENTS/ BIRTH WEIGHT/ *BODY COMPOSITION/ CALCIUM, metabolism/ FEMALE/ *FETUS, growth & development/ LIPIDS, metabolism/ MATERNAL-FETAL EXCHANGE/ NITROGEN, metabolism/ PHOSPHORUS, metabolism/ PLACENTA, analysis/ PREGNANCY/ PROTEINS, metabolism/ RATS/ UTERUS, blood supply/ WATER, metabolism

1676. **Hohenegger M, Ivansich H**: Staphylokokkenesepsis mit bakterieller Meningoenzephalitis und hypokaliämischer Nierenschädigung, behandelt mit Vancomycin.
Wien Med Wschr 119:445-7, 14 Jun 69 (Ger)
CEPHALOTHIN, therapeutic use/ CHLORAMPHENICOL, therapeutic use/ DRUG RESISTANCE, MICROBIAL/ HUMAN/ HYPOKALEMIA, blood/ *HYPOKALEMIA, complications/ HYPOKALEMIA, urine/ MALE/ *MENINGOENCEPHALITIS, drug therapy/ MIDDLE AGE/ OXACILLIN, therapeutic use/ PENICILLIN G, therapeutic use/ PENICILLIN RESISTANCE/ POLYURIA, drug therapy/ *POLYURIA, etiology/ POTASSIUM, blood/ POTASSIUM, urine/ *SEPTICEMIA, drug therapy/ *STAPHYLOCOCCAL INFECTIONS, drug therapy/ *VANCOMYCIN, therapeutic use/ VASOPRESSIN, therapeutic use

1677. **Hohmann P, Cole RD**: Hormonal effects on amino-acid incorporation into lysine-rich histones.
Nature (London) 223:1064-6, 6 Sep 69
*AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ FEMALE/ *HISTONES, metabolism/ *HORMONES, pharmacodynamics/ HYDROCORTISONE, pharmacodynamics/ IN VITRO/ INSULIN, pharmacodynamics/ *LYSINE, pharmacodynamics/ *MAMMAE, drug

effects/ MICE/ PREGNANCY/ PROLACTIN, pharmacodynamics/ TISSUE CULTURE

1678. **Hökfelt T, Fuxe K:** Cerebellar monoamine nerve terminals, a new type of afferent fibers to the cortex cerebelli. Exp Brain Res 9:63-72, 19 Aug 69
ANIMAL EXPERIMENTS/ CATECHOLAMINES, analysis/ CEREBELLAR CORTEX, cytology/ *CEREBELLUM, cytology/ DOPAMINE, analysis/ IN VITRO/ MICROSCOPY, FLUORESCENCE/ NERVE ENDINGS, analysis/ NERVE FIBERS, analysis/ NEURAL INTERCONNECTIONS/ *NEURONS, analysis/ NEURONS, AFFERENT, analysis/ NOREPINEPHRINE, analysis/ RATS/ SEROTONIN, analysis/ TISSUE CULTURE/ *TRYPTAMINES, analysis

1679. **Hokkanen E, Iivanainen M, Waltimo O:** Zu den neurologischen Manifestationen des Xeroderma pigmentosum.
Deutsch Z Nervenheilk 196:206-16, 1969 (Ger)
ADOLESCENCE/ ADULT/ CEREBELLAR DISEASES/ CHILD/ CRANIOMETRY/ DWARFISM/ ENGLISH ABSTRACT/ FACIAL EXPRESSION/ FEMALE/ HUMAN/ KARYOTYPING/ MENTAL RETARDATION/ *NEUROLOGIC MANIFESTATIONS/ SKULL, radiography/ SPINAL CORD DISEASES/ TURNER'S SYNDROME/ *XERODERMA PIGMENTOSUM/ XERODERMA PIGMENTOSUM, familial & genetic

1680. **Holland DL, Perry SV:** The adenosine triphosphatase and calcium ion-transporting activities of the sarcoplasmic reticulum of developing musce.
Biochem J 114:161-70, Sep 69
*ADENOSINE TRIPHOSPHATASE, analysis/ AGE FACTORS/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ *BIOLOGICAL TRANSPORT, ACTIVE/ *CALCIUM, metabolism/ CENTRIFUGATION, DENSITY GRADIENT/ *ENDOPLASMIC RETICULUM, enzymology/ FETUS/ *MUSCLES, enzymology/ MUSCLES, growth & development/ MYOFIBRILS, enzymology/ NITROGEN, analysis/ RABBITS

1681. **Holland MJ:** The effect of bovine anterior pituitary extract on lipid mobilization in the rat and man.
J Endocr 44:307-11, Jul 69
ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ EPIDIDYMIS, metabolism/ FASTING/ FATTY ACIDS, NONESTERIFIED, secretion/ FEMALE/ HUMAN/ LIDOCAINE, pharmacodynamics/ *LIPIDS, metabolism/ MALE/ OBESITY, therapy/ *PITUITARY GLAND, analysis/ RATS/ *TISSUE EXTRACTS, pharmacodynamics

1682. **Holldorf L, Dabels J, Bibgeil H, et al:** Erfahrungen mit dem homologen Wachstumshormon beim Hyposomatotropismus.
Z Ges Inn Med 24:240-3, 15 Apr 69 (Ger)
ADOLESCENCE/ AGE DETERMINATION BY SKELETON/ CARBOHYDRATES, metabolism/ CASE REPORT/ ENGLISH ABSTRACT/ *GROWTH, drug effects/ GROWTH DISORDERS, drug therapy/ HUMAN/ LIPIDS, metabolism/ MALE/ PROTEINS, metabolism/ *SOMATOTROPIN, therapeutic use/ WATER-ELECTROLYTE BALANCE

1683. **Hollenberg M, Dougherty J:** Lymph flow and131-I-albumin resorption from pericardial effusions in man. Amer J Cardiol 24:514-22, Oct 69
ABSORPTION/ ADULT/ AGED/ BLOOD PROTEIN ELECTROPHORESIS/ ELECTROPHORESIS/ FEMALE/ HEART FAILURE, CONGESTIVE, complications/ HUMAN/ HYPOTHYROIDISM, complications/ *LYMPH/ MALE/ MIDDLE AGE/ PERICARDIAL EFFUSION, analysis/ PERICARDIAL EFFUSION, etiology/ *PERICARDIAL EFFUSION, physiopathology/ PERICARDIUM, physiopathology/ PERICARDIUM, surgery/ RADIOISOTOPE SCANNING/ RHEOLOGY/ *SERUM ALBUMIN, RADIO-IODINATED, metabolism/ THORACIC NEOPLASMS, complications

1684. **Holley A, Besseau A:** Inhibiteurs spécifiques des perméabilités membranaires et électrogenèse cardiaque chez un crustacé isopode: Porcellio dilatatus.
J Physiol (Paris) 60:Suppl 2:461-2, 1968 (Fre)
ACTION POTENTIALS, drug effects/ *AMMONIUM COMPOUNDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ *CELL MEMBRANE PERMEABILITY, drug effects/ CHLORIDES, pharmacodynamics/ CRUSTACEA/ *HEART, physiology/ *MAGNESIUM, pharmacodynamics/ POTASSIUM, metabolism/ SODIUM, metabolism/ *TETRODOTOXIN, pharmacodynamics

1685. **Hollinger MA, Davis JR:** Effect of nitrofurazone on the aerobic metabolism of uniformly labelled [14C]glucose in tissue slices of rat testes.
J Reprod Fertil 19:585-9, Aug 69
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHROMATOGRAPHY/ *GLUCOSE, metabolism/ IN VITRO/ MALE/ *NITROFURAZONE, pharmacodynamics/ PERCHLORIC ACIDS/ RATS/ TESTIS, drug effects/ *TESTIS, metabolism

1686. **Hollinrake K:** Polymyositis presenting as distal muscle weakness. A case report.
J Neurol Sci 8:479-84, May-Jun 69
AGED/ ARM/ BIOPSY/ CHRONIC DISEASE/ CORTICOTROPIN, therapeutic use/ *DERMATOMYOSITIS, diagnosis/ DERMATOMYOSITIS, drug therapy/ DIAGNOSIS, DIFFERENTIAL/ ELECTROMYOGRAPHY/ ENZYMES, blood/ FEMALE/ HUMAN/ MUSCLES, pathology/ *MUSCULAR DISEASES, diagnosis/ MUSCULAR DISEASES, drug therapy/ MUSCULAR DYSTROPHY, diagnosis/ PREDNISONE, therapeutic use

1687. **Hollins JG:** The metabolism of tellurium in rats.
Health Phys 17:497-505, Sep 69
ANIMAL EXPERIMENTS/ BONE AND BONES, metabolism/ FECES/ INJECTIONS, INTRAPERITONEAL/ INTUBATION, GASTROINTESTINAL/ KIDNEY, metabolism/ LIVER, metabolism/ LUNG, metabolism/ MALE/ MUSCLES, metabolism/ MYOCARDIUM, metabolism/ RADIOISOTOPES/ RADIOMETRY/ *RATS/ SPLEEN, metabolism/ TELLURIUM, administration & dosage/ TELLURIUM, blood/ *TELLURIUM, metabolism/ TELLURIUM, urine

1688. **Hollwich F, Verbeck B:** Nebenwirkungen der Ovulationshemmer am Auge.
Deutsch Med Wschr 94:1761-5, 29 Aug 69 (Ger)
ADULT/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ *OPTIC NEURITIS, chemically induced/ *PAPILLEDEMA, chemically induced/ *RETINAL VESSELS/ *THROMBOSIS, chemically induced

1689. **Holm E, Schaefer H:** Eine Faktorenanalyse von Schwellen subocrticaler Reizantworten.
Exp Brain Res 8:79-96, 1969 (Ger)
AMYGDALOID BODY, physiology/ ANIMAL EXPERIMENTS/ *BRAIN, physiology/ CATS/ CEREBRAL VENTRICLES, physiology/ ENGLISH ABSTRACT/ *EVOKED POTENTIALS/ FACTOR ANALYSIS, STATISTICAL/ HIPPOCAMPUS, physiology/ HYPOTHALAMUS, physiology/ MESENCEPHALON, physiology/ MODELS, NEUROLOGIC/ RETICULAR FORMATION, physiology/ THALAMUS, physiology

1690. **Holmberg EA, Pasqualini CD, Rabasa SL:** Sterility due to radioactive phosphorus in mice: a study of ovarian compensatory hypertrophy.
Acta Endocr (Kobenhavn) 62:133-46, Sep 69
BRAIN CHEMISTRY/ CASTRATION/ FEMALE/ *FETUS, radiation effects/ *GONADS, radiation effects/ HUMAN/ HYPERTROPHY/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, radiation effects/ HYPOTHALAMUS, analysis/

MALE/ MICE/ ORGAN WEIGHT/ *OVARY, pathology/ OVARY, radiation effects/ OVARY, transplantation/ *PHOSPHORUS ISOTOPES/ PHOSPHORUS ISOTOPES, analysis/ PREGNANCY/ PREGNANCY, radiation effects/ *RADIATION EFFECTS/ *STERILITY, etiology/ TESTIS, pathology/ TESTIS, radiation effects/ TRANSPLANTATION, HOMOLOGOUS/ VAGINAL SMEARS

1691. **Holsti LR**: Kilpirauhaskarsinooman hoito.
Duodecim 85:385-92, 1969 (21 ref.) (Fin)
ADENOCARCINOMA, therapy/ CARCINOMA, PAPILLARY, therapy/ HUMAN/ LIFE EXPECTANCY/ RADIOTHERAPY/ REVIEW/ THYROID NEOPLASMS, occurrence/ THYROID NEOPLASMS, surgery/ *THYROID NEOPLASMS, therapy

1692. **Holt PG, Oliver IT**: Studies on the mechanism of induction of tyrosine aminotransferase in neonatal rat liver. Biochemistry (Wash) 8:1429-37, Apr 69
ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ DACTINOMYCIN, pharmacodynamics/ DEPRESSION, CHEMICAL/ *ENZYME INDUCTION/ ENZYME REPRESSION/ EPINEPHRINE, pharmacodynamics/ ERGOLINES, pharmacodynamics/ FEMALE/ GLUCAGON, pharmacodynamics/ *HORMONES, pharmacodynamics/ HYDROCORTISONE, antagonists & inhibitors/ HYDROCORTISONE, pharmacodynamics/ INSULIN, pharmacodynamics/ LIVER, embryology/ *LIVER, enzymology/ PREGNANCY/ PROSTAGLANDINS, pharmacodynamics/ PYRIDOXINE, pharmacodynamics/ STIMULATION, CHEMICAL/ TIME FACTORS/ *TYROSINE AMINOTRANSFERASE, biosynthesis

1693. **Holt PJ**: Management of rheumatoid arthritis.
Brit Med J 3:514-8, 30 Aug 69
ADRENAL CORTEX HORMONES, therapeutic use/ ARTHRITIS, RHEUMATOID, drug therapy/ ARTHRITIS, RHEUMATOID, rehabilitation/ ARTHRITIS, RHEUMATOID, surgery/ *ARTHRITIS, RHEUMATOID, therapy/ DISABILITY EVALUATION/ HOME CARE SERVICES/ HUMAN/ IMMOBILIZATION/ LONG TERM CARE/ PHYSICAL THERAPY/ PROGNOSIS/ REHABILITATION, VOCATIONAL/ REST

1694. **Holtz P**: Symposion über Probleme der Klinischen Pharmakologie der Coronardilatatoren. Einführung.
Naunyn Schmiedeberg Arch Pharm 263:121-7, 1969 (Ger)
ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ ADENYL CYCLASE, metabolism/ AMINOHYDROLASES, metabolism/ ANGINA PECTORIS, drug therapy/ CORONARY DISEASE, drug therapy/ *CORONARY VESSELS, drug effects/ CORONARY VESSELS, physiology/ GLYCERYL TRINITRATE, therapeutic use/ MYOCARDIUM, metabolism/ NUCLEOSIDES, metabolism/ OXYGEN CONSUMPTION/ *VASODILATOR AGENTS, pharmacodynamics/ VASODILATOR AGENTS, therapeutic use

1695. **Holzmann H, Lachner H**: Zur Aussagekraft humanpharmakologischer Prüfmethoden für den Wirkungsvergleich von Corticoidexterna.
Arch Klin Exp Derm 234:261-72, 1969 (Ger)
BETAMETHASONE, pharmacodynamics/ COMPARATIVE STUDY/ DERMATITIS, chemically induced/ DERMATITIS, drug therapy/ *DERMATITIS, drug therapy/ ENGLISH ABSTRACT/ FLUMETHASONE, pharmacodynamics/ FLUOCINOLONE ACETONIDE, pharmacodynamics/ *GLUCOCORTICOIDS, pharmacodynamics/ HISTAMINE/ HUMAN/ HYDROCORTISONE, pharmacodynamics/ IRRITANTS/ MODELS, BIOLOGIC/ *SKIN, drug effects/ SKIN TESTS/ ULTRAVIOLET RAYS

1696. **Honda H**: [Study on metabolism of Ca during pregnancy with special reference to interrelations between mother and child]
J Jap Obstet Gynec Soc 21:281-90, Mar 69 (Jap)
ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ FEMALE/ FEMUR, metabolism/ HUMAN/ *MATERNAL-FETAL EXCHANGE/ *PREGNANCY/ RATS/ SKULL, metabolism/ UMBILICAL CORD/ VITAMIN D, pharmacodynamics

1697. **Hong E, Sancilio LF, Vargas R, et al**: Similarities between the pharmacological actions of quipazine and serotonin. Europ J Pharmacol 6:274-80, 1969
ANIMAL EXPERIMENTS/ AORTA, drug effects/ *BEHAVIOR, ANIMAL, drug effects/ BRONCHI, drug effects/ COMPARATIVE STUDY/ CONSTRICTION/ CYPROHEPTADINE, pharmacodynamics/ EDEMA, chemically induced/ GUINEA PIGS/ ILEUM, drug effects/ LUNG, drug effects/ LYSERGIC ACID DIETHYLAMIDE, pharmacodynamics/ METHYSERGIDE, pharmacodynamics/ MORPHINE, pharmacodynamics/ *MUSCLE CONTRACTION, drug effects/ MUSCLE, SMOOTH, drug effects/ PHENOXYBENZAMINE, pharmacodynamics/ *QUINOLINES, pharmacodynamics/ QUINOLIZINES, antagonists & inhibitors/ RABBITS/ RATS/ *SEROTONIN, pharmacodynamics/ TRACHEA, drug effects/ UTERUS, drug effects

1698. **Hontela S**: A propos de la suppression de l'ovulation par les oestrogènes purs.
Bull Fed Gynec Obstet Franc 19:101-5, Apr-May 67 (Fre)
*ETHINYL ESTRADIOL, pharmacodynamics/ FEMALE/ HUMAN/ *OVULATION, drug effects/ PREGNANEDIOL, metabolism

1699. **Hooft C, Casneuf J**: Goitre néo-natal avec hypothyroïde secondaire à l'absorption d'iodures par la mère.
Bruxelles Med 47:249-55, 5 Mar 67 (Fre)
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ *GOITER, congenital/ HUMAN/ *HYPOTHYROIDISM, congenital/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ *IODIDES, adverse effects/ MALE/ MATERNAL-FETAL EXCHANGE/ PREGNANCY

1700. **Hooper KC, Hopkinson P**: The action of oestradiol benzoate on the activities of some polypeptidases in the hypothalamus of the pregnant rabbit after blastocyst implantation.
Acta Endocr (Kobenhavn) 61:378-84, Jun 69
ANIMAL EXPERIMENTS/ DEPRESSION, CHEMICAL/ *ESTRADIOL, pharmacodynamics/ FEMALE/ FETUS, drug effects/ HYPOTHALAMUS, analysis/ *HYPOTHALAMUS, drug effects/ *HYPOTHALAMUS, enzymology/ NIDATION/ OXYTOCIN, analysis/ OXYTOCIN, antagonists & inhibitors/ *PEPTIDE HYDROLASES, metabolism/ PREGNANCY/ RABBITS

1701. **Hopton DS, Wade JS**: Neonatal thyrotoxicosis.
Proc Roy Soc Med 62:817, Aug 69
ADULT/ CARBIMAZOLE, therapeutic use/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, drug therapy/ *IMIDAZOLES, therapeutic use/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ *IODINE, therapeutic use/ LONG-ACTING THYROID STIMULATOR, blood/ MALE/ PREGNANCY/ *THYROID ANTAGONISTS, therapeutic use

1702. **Horanský V**: Hereditárny kongenitálny lymfedém (choroba Milroy-Nonne)
Cesk Pediat 24:626-7, Jul 69 (Slo)
ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ *MILROY'S DISEASE/ MILROY'S DISEASE, therapy/ PREDNISONE, therapeutic use

1703. **Hore BD**: Hypogonadism presenting as a psychiatric disorder. Brit J Psychiat 115:863-4, Jul 69
DEPRESSION, etiology/ HUMAN/

*HYPOGONADISM, complications/ MALE/ *MENTAL DISORDERS, etiology/ MIDDLE AGE/ PERSONALITY DISORDERS, etiology

1704. **Hořejší J, Bednařík T, Holeyšovská H, et al:** Alterations of some proteosynthetic reactions in the course of immunisation with heterologous proteins.
Acta Univ Carol [Med] (Praha) 15:469-93, 1969
ANIMAL EXPERIMENTS/ CORTICOTROPIN, pharmacodynamics/ *DNA, analysis/ FLUORESCENT ANTIBODY TECHNIC/ GUINEA PIGS/ IMMUNE SERUMS/ *IMMUNIZATION/ IMMUNOELECTROPHORESIS/ INJECTIONS, INTRAPERITONEAL/ LACTATE DEHYDROGENASE ISOENZYMES, analysis/ LIVER, analysis/ METHODS/ *PROTEINS, biosynthesis/ RABBITS/ *RNA, analysis/ SPLEEN, analysis

1705. **Horger EO 3d, Hutchinson DL:** Diagnostic use of amniotic fluid. J Pediat 75:503-8, Sep 69
ABORTION, THERAPEUTIC/ ACID-BASE EQUILIBRIUM/ *AMNIOTIC FLUID, analysis/ AMNIOTIC FLUID, cytology/ AMNIOTIC FLUID, enzymology/ ASPHYXIA, diagnosis/ BILIRUBIN, analysis/ CHROMOSOME ABNORMALITIES, diagnosis/ ERYTHROBLASTOSIS, FETAL, diagnosis/ ERYTHROPOIETIN, analysis/ ESTRIOL, analysis/ *FETAL DISEASES, diagnosis/ GESTATIONAL AGE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ LACTATES, analysis/ PORPHYRINS, analysis/ PREGNANCY/ PROTEINS, analysis/ SPECTROPHOTOMETRY/ TISSUE CULTURE

1706. **Hori M:** Automatic column chromatographic method for insect-moulting steroids. Steroids 14:33-46, Jul 69
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY/ ECDYSONE, analysis/ *INSECTS/ METHODS/ PLANT EXTRACTS/ PLANTS, analysis/ *STEROIDS, analysis

1707. **Hori T, Ide M, Miyake T:** Pituitary regulation of preovulatory estrogen secretion in the rat.
Endocr Jap 16:351-60, Jun 69
ANIMAL EXPERIMENTS/ CORTICOTROPIN, pharmacodynamics/ ESTROGENS, blood/ *ESTROGENS, secretion/ ESTRUS/ FEMALE/ FSH, pharmacodynamics/ HYPOPHYSECTOMY/ LH, pharmacodynamics/ OVARY, drug effects/ *OVARY, secretion/ *OVULATION/ PITUITARY GLAND, analysis/ *PITUITARY GLAND, physiology/ PROLACTIN, pharmacodynamics/ RATS/ TIME FACTORS/ TISSUE EXTRACTS, pharmacodynamics

1708. **Horn ME, Knapp MS, Page FT, et al:** Adult Fanconi syndrome and multiple myelomatosis.
J Clin Path 22:414-6, Jul 69
AMINO ACIDS, blood/ AMINOACIDURIA, RENAL, etiology/ BENCE JONES PROTEIN, urine/ *FANCONI SYNDROME, complications/ FEMALE/ HUMAN/ MIDDLE AGE/ *MULTIPLE MYELOMA, complications/ MULTIPLE MYELOMA, radiography/ MULTIPLE MYELOMA, urine

1709. **Horsting M, DeLuca HF:** In vitro production of 25-hydroxycholecalciferol.
Biochem Biophys Res Commun 36:251-6, 23 Jul 69
ANIMAL EXPERIMENTS/ BILE, metabolism/ *CHOLECALCIFEROL, metabolism/ *CHOLESTANES, metabolism/ CHROMATOGRAPHY, ION EXCHANGE/ LIVER, metabolism/ MALE/ PERFUSION/ RATS/ *SECOSTEROIDS, metabolism/ STEROLS, metabolism/ TIME FACTORS/ TRITIUM/ VITAMIN D, metabolism

1710. **Horta-Barbosa L, Warren J:** Comparative sensitivity of tissue cultures to rubella virus: use of guinea pig cells for virus titration. Appl Microbiol 18:251-5, Aug 69
BONE MARROW/ CARNIVORA/ CELL LINE/ COMPARATIVE STUDY/ CORNEA/ EMBRYO/ GUINEA PIGS/ HAMSTERS/ HUMAN/ KIDNEY/ LUNG/ MICE/ MONKEYS/ RABBITS/ *RUBELLA VIRUS, isolation & purification/ SPLEEN/ SWINE/ THYMUS GLAND/ THYROID GLAND/ *TISSUE CULTURE/ *VIRUS CULTIVATION

1711. **Hortling H, Frisk M, Widholm O, et al:** Erfarenheter från en tonårspoliklinik.
Nord Med 81:793-8, 26 Jun 69 (Swe)
ADOLESCENCE/ *ADOLESCENT PSYCHIATRY/ ADULT/ AGE FACTORS/ CHILD/ ENDOCRINE DISEASES, occurrence/ ENGLISH ABSTRACT/ FEMALE/ FINLAND/ GYNECOLOGIC DISEASES, occurrence/ HUMAN/ MALE/ MENTAL DISORDERS, occurrence/ *MORBIDITY/ NERVOUS SYSTEM DISEASES, occurrence/ PSYCHOPHYSIOLOGIC DISORDERS/ PUBLIC HEALTH ADMINISTRATION/ SEX FACTORS/ SOCIAL PROBLEMS

1712. **Horvátth I:** A vena subclavia és axillaris primer thrombosisa (Paget-v. Schrötter syndroma) oralis anticoncipiens szedése közben.
Orv Hetil 110:1855-9, 10 Aug 69 (Hun)
ADULT/ *AXILLARY VEIN/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *INTERMITTENT CLAUDICATION, chemically induced/ *MESTRANOL, adverse effects/ *NORETHYNODREL, adverse effects/ *SUBCLAVIAN VEIN/ *THROMBOPHLEBITIS, chemically induced

1713. **Hoshino T:** [Symposium: Epidemiology of leukemia in Japan. Etiologic role of ionizing radiation on the development of leukemia: clinical and statistical studies on leukemia in patients treated with radioiodine and in atomic bomb survivors]
Acta Haemat Jap 31:825-31, Oct 68 (Jap)
ADRENAL GLAND HYPERFUNCTION, radiotherapy/ ADRENAL GLAND NEOPLASMS, radiotherapy/ *ATOMIC WARFARE/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *IODINE ISOTOPES, adverse effects/ JAPAN/ *LEUKEMIA, RADIATION-INDUCED, etiology/ MALE/ *THYROID DISEASES, radiotherapy

1714. **Hoshino T, Okada H:** [Occurrence of intranuclear glycogen inclusion bodies in the parathyroid gland cells in cows]
Med Biol (Tokyo) 78:207-9, 10 Jun 69 (Jap)
ANIMAL EXPERIMENTS/ CATTLE/ *CYTOPLASMIC GRANULES, metabolism/ FEMALE/ *GLYCOGEN, metabolism/ HISTOCYTOCHEMISTRY/ *PARATHYROID GLANDS, cytology/ PARATHYROID GLANDS, metabolism

1715. **Hothersall D, Brener J:** Operant conditioning of changes in heart rate in curarized rats.
J Comp Physiol Psychol 68:338-42, Jul 69
ANIMAL EXPERIMENTS/ *CONDITIONING, OPERANT/ *ELECTRIC STIMULATION/ *HEART RATE/ *HYPOTHALAMUS, physiology/ MALE/ RATS

1716. **Houdeshell JW:** Field trials of a new long-acting corticosteroid in the treatment of equine arthropathies. Vet Med 64:782-4, Sep 69
*BETAMETHASONE, therapeutic use/ *HORSE DISEASES, drug therapy/ JOINT DISEASES, drug therapy/ *JOINT DISEASES, veterinary

1717. **Houtzager HL, Leusden HA van:** De maternale bijnieren in geval van molazwangerschap.
Nederl T Geneesk 113:1272-4, 19 Jul 69 (Dut)
ADRENAL GLANDS, physiopathology/ ENGLISH ABSTRACT/ ESTRADIOL, urine/ ESTRIOL, urine/ ESTRONE, urine/ FEMALE/ HUMAN/ *HYDATIDIFORM MOLE, physiopathology/ PITUITARY-ADRENAL FUNCTION TESTS/ PREGNANCY

1718. **Howe A, Thody AJ:** The effect of hypothalamic lesions on the melanocyte-stimulating hormone content and histology of the pars intermedia of the rat pituitary gland. J Physiol (London) 203:159-71, Jul 69
ACID PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ ELECTRIC INJURY/ *HYPOTHALAMUS, physiology/ MALE/ *MSH, analysis/ OXYTOCIN, analysis/ PITUITARY GLAND, analysis/ PITUITARY

GLAND, enzymology/ PITUITARY GLAND, pathology/ *PITUITARY GLAND, physiology/ RATS/ VASOPRESSIN, analysis

1719. **Howes AD, Haller WA, Dyer IA:** Manganese determination in mammalian bone by neutron activation analysis. Life Sci 8:583-9, 15 Jun 69
ACTIVATION ANALYSIS/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ *BONE AND BONES, analysis/ CATTLE/ FEMALE/ HUMERUS, analysis/ *MANGANESE, analysis/ METHODS/ RABBITS/ RATS/ SODIUM ISOTOPES

1720. **Howqua J, Leeton J:** A case of idiopathic thrombocytopenic purpura requiring splenectomy and trial of labour.
Aust New Zeal J Obstet Gynaec 9:122-4, May 69
ADULT/ CESAREAN SECTION/ DELIVERY/ FEMALE/ HUMAN/ *LABOR PRESENTATION/ PREDNISOLONE, therapeutic use/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PURPURA, THROMBOPENIC, drug therapy/ *PURPURA, THROMBOPENIC, surgery/ *SPLENECTOMY

1721. **Hoye A:** Radiochemical break-down of iodine-131 labelled L-thyroxine preparations. A study of the influence of increased specific activity and time of storage. Acta Chem Scand 23:1040-4, 1969
CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ DRUG STORAGE/ IODINE ISOTOPES/ KINETICS/ *THYROXINE/ THYROXINE, isolation & purification

1722. **Hraba M:** Cytologický obraz sliznice horních cest dýchacích a zažívacích a některých krčních orgánů za fyziologického stavu.
Cesk Otolaryng 18:156-60, Aug 69 (Cze)
ENGLISH ABSTRACT/ ESOPHAGUS, cytology/ HUMAN/ LYMPH NODES, cytology/ *MUCOUS MEMBRANE, cytology/ *NASOPHARYNX, cytology/ PARANASAL SINUSES, cytology/ THYROID GLAND, cytology

1723. **Hraba T, Göing H:** Immuntoleranz und ihre Erzeugung.
Arzneimittelforschung 19:1161-9, Aug 69 (Ger)
ANIMAL EXPERIMENTS/ ANTIBODY FORMATION, drug effects/ ANTIGEN-ANTIBODY REACTIONS/ ANTINEOPLASTIC AGENTS, pharmacodynamics/ CHICKENS/ DEPRESSION, CHEMICAL/ EMBRYO, immunology/ ENGLISH ABSTRACT/ GAMMA GLOBULIN, analysis/ GAMMA GLOBULIN, 7S, analysis/ GUINEA PIGS/ HORMONES, pharmacodynamics/ IMMUNE SERUMS, pharmacodynamics/ *IMMUNE TOLERANCE, drug effects/ IMMUNOSUPPRESSIVE AGENTS, pharmacodynamics/ LYMPHOCYTES, immunology/ MICE/ RABBITS/ RATS/ STIMULATION, CHEMICAL/ *TRANSPLANTATION IMMUNOLOGY, drug effects

1724. **Hruby VJ, Du Vigneaud V:** [Synthesis and some pharmacological activities of [2-L-valine]-oxytocin and [2-L-leucine]-oxytocin.
J Med Chem 12:731-3, Sep 69
ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ CHEMISTRY/ CHICKENS/ CHROMATOGRAPHY/ DIURESIS, drug effects/ DIURETICS, pharmacodynamics/ ESTRUS/ FEMALE/ GEL FILTRATION/ GUINEA PIGS/ LEUCINE/ MALE/ MAMMAE, drug effects/ *OXYTOCIN, chem synthesis/ *OXYTOCIN, pharmacodynamics/ RABBITS/ RATS/ UTERUS, drug effects/ VALINE

1725. **Hruby VJ, Flouret G, Vigneaud V du:** The synthesis and some of the pharmacological properties of [4-L-isoleucine]-oxytocin and [4-L-leucine]-oxytocin.
J Biol Chem 244:3890-4, 25 Jul 69
ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ CHICKENS/ DIURETICS, pharmacodynamics/ FEMALE/ GLUTAMINE/ *ISOLEUCINE/ LACTATION, drug effects/ *LEUCINE/ *OXYTOCIN/ OXYTOCIN, chem synthesis/ OXYTOCIN, pharmacodynamics/ *PEPTIDES, chem synthesis/ PEPTIDES, pharmacodynamics/ RABBITS/ RATS/ VASOCONSTRICTOR AGENTS, pharmacodynamics/ VASOPRESSIN, antagonists & inhibitors

1726. **Hsu JD, Robinson RA:** Studies on the healing of long-bone fractures in hereditary pituitary insufficient mice. J Surg Res 9:535-6, Sep 69
ANIMAL EXPERIMENTS/ *FRACTURES/ *HYPOPITUITARISM, familial & genetic/ HYPOPITUITARISM, physiopathology/ MICE/ PITUITARY GLAND, physiology/ *SOMATOTROPIN, physiology/ TIME FACTORS/ *WOUND HEALING

1727. **Hsu QS, Kaldor G:** Studies on the sarcoplasmic reticulum of normal and dystrophic animals.
Proc Soc Exp Biol Med 131:1398-402, Sep 69
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ CALCIUM, metabolism/ CALCIUM ISOTOPES/ CHICKENS/ DOGS/ *ENDOPLASMIC RETICULUM, metabolism/ MICE/ MUSCLE PROTEINS, analysis/ *MUSCLES, cytology/ *MUSCULAR DYSTROPHY, metabolism/ PEPTIDE HYDROLASES/ PHOSPHOLIPASE/ RABBITS

1728. **Huang CC, Clark HF:** Chromosome studies of the cultured cells of two species of side-necked turtles (Podocnemis unifilis and P. expansa).
Chromosoma 26:245-53, 1969
ANIMAL EXPERIMENTS/ *CHROMOSOMES/ FEMALE/ KARYOTYPING/ MALE/ POLYPLOIDY/ SEX CHROMOSOMES/ TISSUE CULTURE/ *TURTLES

1729. **Huber A:** Methoden der Empfängnisverhütung in einem Landbezirk. Arch Gynaek 207:31, 1969 (Ger)
ADOLESCENCE/ ADULT/ AUSTRIA/ *CONTRACEPTION/ CONTRACEPTIVE DEVICES/ CONTRACEPTIVES, ORAL/ FEMALE/ HUMAN/ METHODS/ MIDDLE AGE/ *RURAL POPULATION

1730. **Huber A:** Methoden der Empfängnisverhütung in einem Landbezirk. Med Klin 64:1134-6, 13 Jun 69 (Ger)
ADOLESCENCE/ ADULT/ *CONTRACEPTION, utilization/ CONTRACEPTIVE DEVICES, utilization/ CONTRACEPTIVES, ORAL/ FEMALE/ GERMANY, WEST/ HUMAN/ MALE/ METHODS/ *RURAL POPULATION/ SOCIOECONOMIC FACTORS

1731. **Huber H:** Das Chorionepitheliom.
Arch Gynaek 207:187-201, 1969 (Ger)
ADULT/ *CHORIOCARCINOMA/ CHORIOCARCINOMA, pathology/ CHORIOCARCINOMA, surgery/ FEMALE/ HUMAN/ MIDDLE AGE/ NEOPLASM METASTASIS/ PROGNOSIS

1732. **Hudson B, Burger H, Wiener S, et al:** Plasma testosterone and luteinising hormone in XYY men.
Lancet 2:699, 27 Sep 69
*CHROMOSOME ABERRATIONS/ HUMAN/ *LH, blood/ LH, urine/ MALE/ RADIOIMMUNOASSAY/ RADIOISOTOPES/ *SEX CHROMOSOMES/ *TESTOSTERONE, blood

1733. **(Huggins C), Sulek K:** Rok 1966 nagroda dla Francis Peyton Rousa za odkrycie rakotwórczych wirusów i dla Charles Huginsa za zastosowanie hormonów w leczeniu nowotworow.
Wiad Lek 22:1161-2, 15 Jun 69 (Pol)
CURRENT BIOG-OBIT/ ESTROGENS, history/ ESTROGENS, therapeutic use/ HISTORICAL ARTICLE/ HISTORICAL BIOGRAPHY/ HISTORY OF MEDICINE, 20TH CENT./ NEOPLASMS, drug therapy/ *NOBEL PRIZE, history/ ONCOGENIC VIRUSES/ UNITED STATES

1734. **Huggins C, Morii S, Pataki J:** Selective destruction of adrenal cortex by pulse doses of derivatives of 12-methylbenz(a)anthracene.
Proc Nat Acad Sci USA 62:704-7, Mar 69

*ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ BENZANTHRACENES, administration & dosage/ *BENZANTHRACENES, pharmacodynamics/ EMULSIONS/ HEMORRHAGE, chemically induced/ INJECTIONS, INTRAVENOUS/ RATS

1735. **Hughes GR:** The use of the hypospray in the treatment of minor orthopaedic conditions.
Proc Roy Soc Med 62:577, Jun 69
CADAVER/ ELBOW JOINT/ HUMAN/ *HYDROCORTISONE, administration & dosage/ *INJECTIONS, instrumentation/ *TENDINITIS, drug therapy

1736. **Huguenin M, Godard C, Ferrier PE, et al:** Two different mutations within the same sibship: thanatophoric dwarfism and ullrich-feichtiger syndrome.
Helv Paediat Acta 24:239-45, Jun 69
ACHONDROPLASIA, diagnosis/ BRAIN, abnormalities/ DIAGNOSIS, DIFFERENTIAL/ DWARFISM, diagnosis/ *DWARFISM, familial & genetic/ EAR, EXTERNAL, DEFORMITY, complications/ EPIPHYSES, pathology/ EXTREMITIES, abnormalities/ EXTREMITIES, radiography/ EYELIDS, abnormalities/ FEMALE/ *HERMAPHRODITISM, complications/ HUMAN/ INFANT, NEWBORN/ LIMBIC SYSTEM, abnormalities/ MALE/ *MICROCEPHALY, complications/ *MICROGNATHISM, complications/ *MICROPHTHALMOS, complications/ PEDIGREE/ RIBS, radiography/ SPINE, radiography/ TEMPORAL LOBE, abnormalities

1737. **Humeau C, Sentein P:** Rapports entre les cellules folliculeuses et l'ovocyte en début d'atrésie chez Triturus helveticus Raz.
C R Soc Biol (Paris) 162:2181-4, 1968 (Fre)
ANIMAL EXPERIMENTS/ FEMALE/ *GRAAFIAN FOLLICLE, cytology/ GRAAFIAN FOLLICLE, growth & development/ MICROSCOPY, ELECTRON/ *OVUM/ *SALAMANDERS, physiology

1738. **Humphrey KW:** Induction of implantation of blastocysts transferred to ovariectomized mice.
J Endocr 44:299-305, Jul 69
ANIMAL EXPERIMENTS/ *CASTRATION/ *ESTRADIOL, administration & dosage/ ESTROGENS, secretion/ FEMALE/ MEDROXYPROGESTERONE, administration & dosage/ MICE/ *NIDATION/ OVULATION/ PREGNANCY/ PREGNANCY, ANIMAL/ PROGESTERONE, administration & dosage/ TIME FACTORS/ UTERUS, drug effects

1739. **Humphrey KW:** Interactions between oestradiol 3, 17 beta and progesterone on the induction and growth of deciduomata in ovariectomized mice.
Aust J Biol Sci 22:689-99, Jun 69
ANIMAL EXPERIMENTS/ BRADYKININ/ CASTRATION/ COMPOUND 48-80/ *DECIDUA, drug effects/ DRUG SYNERGISM/ *ESTRADIOL, pharmacodynamics/ FEMALE/ MICE/ OILS/ ORGAN WEIGHT/ PEANUTS/ *PROGESTERONE, pharmacodynamics/ TIME FACTORS/ *UTERINE NEOPLASMS, chemically induced

1740. **Humphrey RM, Brinkley BR:** Ultrastructural studies of radiation-induced chromosome damage.
J Cell Biol 42:745-53, Sep 69
CELL LINE/ *CHROMOSOME ABERRATIONS/ *CHROMOSOMES, radiation effects/ FEMALE/ KIDNEY/ MARSUPIALIA/ MICROSCOPY, ELECTRON/ MICROSCOPY, PHASE CONTRAST/ MITOSIS/ *RADIATION GENETICS/ SEX CHROMOSOMES/ TISSUE CULTURE

1741. **Humphrey T:** The development of the human amygdala during early embryonic life.
J Comp Neurol 132:135-65, Jan 68
AMPHIBIA, embryology/ *AMYGDALOID BODY, embryology/ ANIMAL EXPERIMENTS/ CAUDATE NUCLEUS, embryology/ *CEREBRAL CORTEX, embryology/ FETUS/ FISHES, embryology/ GANGLIA, BASAL, embryology/ GLOBUS PALLIDUS, embryology/ HUMAN/ *LIMBIC SYSTEM, embryology/ MAMMALS, embryology/ REPTILES, embryology

1742. **Hunt JC:** Diagnosis of renovascular hypertension.
Bull NY Acad Med 45:877-95, Sep 69
ADULT/ ANGIOGRAPHY/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ *HYPERTENSION, RENAL, diagnosis/ KIDNEY FUNCTION TESTS/ MALE/ MIDDLE AGE/ PHONOCARDIOGRAPHY/ RADIOISOTOPE RENOGRAPHY/ *RENAL ARTERY OBSTRUCTION, diagnosis/ RENIN, blood/ UROGRAPHY

1743. **Hunt JC, Strong CG, Sheps SG, et al:** Diagnosis and management of renovascular hypertension.
Amer J Cardiol 23:434-45, Mar 69 (29 ref.)
ADULT/ ANGIOGRAPHY/ ANTIHYPERTENSIVE AGENTS, therapeutic use/ ARTERIOSCLEROSIS/ AUSCULTATION/ DIET/ FEMALE/ HEADACHE, etiology/ HUMAN/ *HYPERTENSION, RENAL, diagnosis/ HYPERTENSION, RENAL, drug therapy/ HYPERTENSION, RENAL, surgery/ *HYPERTENSION, RENAL, therapy/ INFARCTION, physiopathology/ KIDNEY, secretion/ KIDNEY FUNCTION TESTS/ MALE/ MIDDLE AGE/ NEPHRECTOMY/ RADIOISOTOPE RENOGRAPHY/ RENAL ARTERY, radiography/ RENAL ARTERY OBSTRUCTION, surgery/ RENIN, secretion/ REVIEW/ SODIUM CHLORIDE/ UROGRAPHY

1744. **(Hunter J), Pyrah LN:** John hunter and after: renal calculi and cancer of the bladder.
Ann Roy Coll Surg Eng 45:1-22, Jul 69
ANIMAL EXPERIMENTS/ BLADDER, cytology/ BLADDER, drug effects/ *BLADDER NEOPLASMS/ BLADDER NEOPLASMS, chemically induced/ BLADDER NEOPLASMS, history/ CALCIUM, urine/ CRYSTALLOGRAPHY/ GREAT BRITAIN/ HISTORICAL ARTICLE/ HISTORICAL BIOGRAPHY/ HISTORY OF MEDICINE, 18TH CENT./ HUMAN/ HYPERCALCEMIA, complications/ *KIDNEY CALCULI/ KIDNEY CALCULI, etiology/ KIDNEY CALCULI, history/ KIDNEY CALCULI, metabolism/ MICE/ MITOSIS/ NEOPLASMS, EXPERIMENTAL, chemically induced/ OCCUPATIONAL DISEASES/ OXALATES, urine/ PHOSPHATES, urine/ SULFONAMIDES, pharmacodynamics

1745. **Huntingford PJ:** El potencial diagnóstico del líquido amniótico.
Acta Obstet Ginecol Hisp Lusit 17:213-22, May 69 (Spa)
*AMNIOTIC FLUID, analysis/ DRAINAGE/ FEMALE/ FETAL DISEASES, diagnosis/ HUMAN/ SEX DETERMINATION

1746. **Huriez C, Agache P, Gauthier G:** A propos de 37 cas de sclerodermies.
Arch Belg Derm Syph 23:3-8, 1967 (Fre)
ANTIBIOTICS, therapeutic use/ CHELATING AGENTS, therapeutic use/ COLCHICINE, therapeutic use/ ENGLISH ABSTRACT/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ SCLERODERMA, complications/ *SCLERODERMA, diagnosis/ SCLERODERMA, drug therapy

1747. **Hurmuzache E, Bărbuţă R, Holban L, et al:** Aspecte clinice, epidemiologice şi profilactice ale pneumopatiilor acute la sugar, intr-o colectivitate inchisă. Rev Medicochir Iasi 73:9-14, Jan-Mar 69 (Rum)
*ADENOVIRUS INFECTIONS, occurrence/ ADRENAL CORTEX HORMONES, therapeutic use/ ANTIBIOTICS, therapeutic use/ *BRONCHOPNEUMONIA, occurrence/ ENGLISH ABSTRACT/ GAMMA GLOBULIN, therapeutic use/ HUMAN/ INFANT/ *RESPIRATORY TRACT INFECTIONS, occurrence/ RESPIRATORY TRACT INFECTIONS, prevention & control

1748. **Husain SM:** Facilitation of gonadotrophin-induced ovulation in adult rats by estrogens.

Rev Canad Biol 28:137-8, Jun 69
ANIMAL EXPERIMENTS/ DIETHYLSTILBESTROL, pharmacodynamics/ DRUG SYNERGISM/ ESTRADIOL, pharmacodynamics/ *ESTROGENS, pharmacodynamics/ FEMALE/ *GONADOTROPINS, CHORIONIC, pharmacodynamics/ MESTRANOL, pharmacodynamics/ *OVULATION, drug effects/ RATS

1749. **Husain SM, Pincus G:** Effect of a progestinestrogen combination (Enovid) on pituitary gonadotrophin and ovulation in rats. Rev Canad Biol 27:431-5, Dec 68
ANIMAL EXPERIMENTS/ FEMALE/ GONADOTROPINS, EQUINE, pharmacodynamics/ *GONADOTROPINS, PITUITARY, metabolism/ *MESTRANOL, pharmacodynamics/ *NORETHYNODREL, pharmacodynamics/ *OVULATION, drug effects/ RATS/ TIME FACTORS

1750. **Husslein H:** Die medikamentöse Behandlung der Endometriose. Arch Gynaek 207:265-71, 1969 (Ger)
ANDROGENS, therapeutic use/ *ENDOMETRIOSIS, drug therapy/ ENDOMETRIOSIS, pathology/ ESTROGENS, therapeutic use/ FEMALE/ HUMAN/ *LYNESTRENOL, therapeutic use/ PROGESTATIONAL HORMONES, therapeutic use

1751. **Huvos AG, Muggia FM, Markewitz M:** Carcinoma of female urethra. Occurrence with hyperparathyroidism.
New York J Med 69:2042-5, 15 Jul 69
*CARCINOMA, EPIDERMOID, complications/ FEMALE/ HUMAN/ *HYPERPARATHYROIDISM, complications/ MIDDLE AGE/ *URETHRAL NEOPLASMS, complications

1752. **Huys J:** Indications et contre-indications des associations oestro-progestatives (pilules contractptives)
Rev Med Liege 22:230-2, 15 Apr 67 (Fre)
ADULT/ CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, therapeutic use/ FEMALE/ HUMAN

1753. **Hyder M:** Histological studies on the testis of Tilapia leucosticta and other species of the genus Tilapia (Pisces: Teleostei).
Trans Amer Micr Soc 88:211-31, Apr 69
AGING/ ANIMAL EXPERIMENTS/ CELL NUCLEUS/ *FISHES, anatomy & histology/ MALE/ SEX CHROMATIN/ *SPERMATOZOA, cytology/ *TESTIS, cytology

1754. **Hyyppä M:** A histochemical study of the primary catecholamines in the hypothalamic neurons of the rat in relation to the ontogenetic and sexual differentiation. Z Zellforsch 98:550-60, 1969
AGE FACTORS/ ANIMAL EXPERIMENTS/ CASTRATION/ CATECHOLAMINES, analysis/ *CATECHOLAMINES, metabolism/ EMBRYO/ ESTRUS/ FEMALE/ FLUORESCENCE/ FORMALDEHYDE/ HISTOCYTOCHEMISTRY/ HYPOPHYSECTOMY/ *HYPOTHALAMUS, metabolism/ MALE/ NERVE ENDINGS, metabolism/ NEURONS, analysis/ *NEURONS, metabolism/ PREGNANCY, ANIMAL/ *RATS, metabolism/ SEX FACTORS

1755. **Hyyppä M:** The role of the hypothalamus in hormonal sex differentiation. Rev Roum Physiol 5:289-99, 1968
ANIMAL EXPERIMENTS/ CENTRAL NERVOUS SYSTEM, growth & development/ FEMALE/ *GONADS, growth & development/ *HYPOTHALAMUS, physiology/ MALE/ MICE/ PITUITARY GLAND, physiology/ RATS/ *SEX HORMONES, physiology/ SOMATOTROPIN, secretion/ TESTIS, physiology/ TESTOSTERONE, physiology

I

1756. **Iafusco F, Canani MB, Granata E:** Indagini istologiche enzimo-sieriche ed elettromiografiche nelle tireomiopatie dell'infanzia (ricerche in soggetti ipotiroidei)
Pediatria (Napoli) 75:893-913, 31 Dec 67 (Ita)
*ALANINE AMINOTRANSFERASE, blood/ *ALDOLASE, blood/ *ASPARTATE AMINOTRANSFERASE, blood/ BIOPSY/ CHILD, PRESCHOOL/ *CREATINE KINASE, blood/ ELECTROMYOGRAPHY/ HUMAN/ *HYPOTHYROIDISM, complications/ INFANT/ *LACTATE DEHYDROGENASE, blood/ *MUSCULAR DISEASES, etiology

1757. **Iafusco F, Pacelli V, Granata E, et al:** Rilievi sull'ipercalcemia provocata in soggetti ipotiroidei.
Pediatria (Napoli) 75:874-81, 31 Dec 67 (Ita)
*CALCIUM, blood/ CALCIUM, diagnostic use/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ HUMAN/ *HYPOTHYROIDISM, diagnosis/ INFANT/ *THYROCALCITONIN, secretion/ THYROID GLAND FUNCTION TESTS

1758. **Iakubovskaia VI, Rykovskaia IA:** Vliianie aktg na obmen kholesterina i belkovuiu kartinu krovi.
Probl Endokr (Moskva) 14:64-8, May-Jun 68 (Rus)
ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ *BLOOD PROTEINS/ CARBON ISOTOPES/ CHOLESTEROL, analysis/ CHOLESTEROL, blood/ *CHOLESTEROL, metabolism/ *CORTICOTROPIN, pharmacodynamics/ ENGLISH ABSTRACT/ GLYCOPROTEINS, blood/ LIPOPROTEINS, blood/ LIVER, analysis/ LIVER, metabolism/ MALE/ RATS

1759. **Iaremenko MS:** Vliianie vazopressina na vydelenie élektrolitov so sliunoĭ okoloushnoĭ zhelezy sobak.
Fiziol Zh SSSR Sechenov 55:207-12, Feb 69 (Rus)
ANIMAL EXPERIMENTS/ DOGS/ *PAROTID GLAND, drug effects/ PAROTID GLAND, secretion/ *SALIVA, drug effects/ SALIVA, secretion/ *VASOPRESSIN, pharmacodynamics/ *WATER-ELECTROLYTE BALANCE, drug effects

1760. **Iasnogorodskiĭ AIa:** Ob operativnom dostupe k levomu nadpocheniku.
Eksp Khir Anest 13:62-4, Jul-Aug 68 (Rus)
*ADRENALECTOMY/ HUMAN/ METHODS

1761. **Iatsenko LA:** Vliianie infektsionnogo gepatita na ékskretsiiu éstrogenov u muzhchin.
Probl Endokr (Moskva) 14:41-3, Nov-Dec 68 (Rus)
ADOLESCENCE/ ADULT/ ENGLISH ABSTRACT/ ESTRADIOL, urine/ ESTRIOL, urine/ *ESTROGENS, urine/ ESTRONE, urine/ *HEPATITIS, INFECTIOUS, urine/ HUMAN/ MALE/ MIDDLE AGE

1762. **Ichihara I:** Electron microscopic studies of anterior pituitary glands of vitamin E-deficient male mice.
J Anat 104:455-65, May 69
ANIMAL EXPERIMENTS/ CORTICOTROPIN, secretion/ FSH, secretion/ GOLGI APPARATUS/ LH, secretion/ MALE/ MICE/ MICROSCOPY, ELECTRON/ *PITUITARY GLAND, pathology/ SOMATOTROPIN, secretion/ THYROTROPIN, secretion/ *VITAMIN E DEFICIENCY, pathology

1763. **Ichii S, Yago N, Kobayashi S, et al:** Effect of whole-body x-irradiation on the microsomal drug-metabolizing enzyme system in rat liver.
J Radiat Res (Tokyo) 10:1-7, Mar 69
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CYTOCHROMES/ ENZYME INDUCTION, radiation effects/ *ENZYMES, radiation effects/ *LIVER, enzymology/ MALE/ *MICROSOMES, enzymology/ *RADIATION EFFECTS/ RADIATION INJURY, EXPERIMENTAL, mortality/ RATS

1764. **Ichii S, Yago N:** Hormonal regulation of aminopyrine N-demethylase system in rat liver.
J Biochem (Tokyo) 65:597-601, Apr 69
*ADRENAL CORTEX HORMONES, physiology/ ADRENAL GLANDS, physiology/ ADRENALECTOMY/ AMINOPYRINE/ *ANDROGENS, physiology/ ANIMAL EXPERIMENTS/ CASTRATION/ CYTOCHROMES, metabolism/ *ENZYMES,

metabolism/ HYDROCORTISONE, physiology/ *LIVER, enzymology/ MALE/ MICROSOMES, enzymology/ *OXIDOREDUCTASES, metabolism/ PHENOBARBITAL, pharmacodynamics/ RATS/ TESTIS, physiology/ TESTOSTERONE, physiology/ TIME FACTORS

1765. **Ichikawa H:** [Study on physiological action of LH-RF (luteinizing hormone releasing factor) using rats with continuous estrus]
J Jap Obstet Gynec Soc 21:245-54, Mar 69 **(Jap)**
ANIMAL EXPERIMENTS/ *ESTRUS/ FEMALE/ *HYPOTHALAMUS, physiology/ LH, secretion/ LIGHT/ *OVULATION/ *PITUITARY HORMONE RELEASING FACTORS, physiology/ RATS/ TIME FACTORS/ TISSUE EXTRACTS

1766. **Idemura H, Idemura R, Iino M, et al:** [Advances and problems of ACTH measurement]
Clin Endocr (Tokyo) 17:245-52, Apr 69 (53 ref.) **(Jap)**
ADRENAL CORTEX HORMONES, biosynthesis/ ADRENAL GLANDS/ ANIMAL EXPERIMENTS/ ASCORBIC ACID/ BIOLOGICAL ASSAY/ *CORTICOTROPIN, analysis/ GUINEA PIGS/ HEMAGGLUTINATION TESTS/ HUMAN/ HYPOPHYSECTOMY/ IMMUNOASSAY/ MALE/ METHODS/ MIDDLE AGE/ ORGAN WEIGHT/ RADIOIMMUNOASSAY/ RATS/ REVIEW/ SWINE

1767. **Idler DR, Freeman HC:** Sex hormone binding proteins. I. Binding of steroids by serum of an elasmobranch (Raja radiata). Gen Comp Endocr 13:75-82, Aug 69
ANDROSTANES, blood/ ANIMAL EXPERIMENTS/ *BLOOD PROTEINS/ DIALYSIS/ ESTRADIOL, blood/ *FISHES/ GLUCOCORTICOIDS, blood/ HYDROGEN-ION CONCENTRATION/ HYDROXYPROGESTERONE, blood/ 17-KETOSTEROIDS, blood/ PROGESTERONE, blood/ PROTEIN BINDING/ *SERUM ALBUMIN/ *SERUM ALBUMIN, BOVINE/ TEMPERATURE/ *TESTOSTERONE, blood

1768. **Igarashi M, Hirono M, Ibuki Y, et al:** [Short feedback control of gonadotropin secretion of the anterior pituitary gland] Saishin Igaku 24:993-6, May 69 **(Jap)**
ANIMAL EXPERIMENTS/ CASTRATION/ *FEEDBACK/ FEMALE/ FSH, blood/ *GONADOTROPINS, PITUITARY, secretion/ *HYPOTHALAMUS, secretion/ LH, blood/ NEUROSECRETION/ *PITUITARY GLAND, secretion/ RATS

1769. **Igarashi M, Tamada T:** [Advances and problems in FSH and LH measurement]
Clin Endocr (Tokyo) 17:227-37, Apr 69 (95 ref.) **(Jap)**
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ FEMALE/ *FSH, analysis/ IMMUNOASSAY/ INJECTIONS, SUBCUTANEOUS/ *LH, analysis/ MALE/ METHODS/ MICE/ ORGAN WEIGHT/ RADIOIMMUNOASSAY/ RATS/ REVIEW/ UTERUS

1770. **Igboeli G, Foote RH:** Changes in epididymal spermatozoa and in the testes of rabbits after experimental cryptorchidism.
J Exp Zool 170:489-97, Apr 69
ANIMAL EXPERIMENTS/ *CRYPTORCHISM, physiopathology/ EPIDIDYMIS, pathology/ FEMALE/ FERTILITY/ MALE/ METHODS/ RABBITS/ *SPERMATOZOA, growth & development/ *TESTIS, pathology

1771. **Iida F, Yonekura M, Miyakawa M:** Study of intraglandular dissemination of thyroid cancer.
Cancer 24:764-71, Oct 69
*ADENOCARCINOMA, pathology/ *ADENOCARCINOMA, PAPILLARY, pathology/ *CARCINOMA, pathology/ *CARCINOMA, EPIDERMOID, pathology/ HUMAN/ LYMPHATIC METASTASIS/ *NEOPLASM RECURRENCE, LOCAL/ *THYROID NEOPLASMS, pathology

1772. **Iio M:** [C.P.C. No. 150. Chief complaints: anemia, shortness of breath and right upper abdominal pain]
Naika 23:912-4 passim, May 69 **(Jap)**
ABDOMEN/ AGED/ *ANEMIA, APLASTIC, drug therapy/ HUMAN/ MALE/ PAIN/ *PEPTIC ULCER, chemically induced/ *PREDNISOLONE, adverse effects/ RESPIRATION

1773. **Iizuka R, Makino T, Hara T:** [Relationship between the hypothalamus and the limbic system, with special reference to its dynamics in feedback mechanism]
Clin Endocr (Tokyo) 17:427-35, May 69 **(Jap)**
ANIMAL EXPERIMENTS/ CASTRATION/ ELECTRIC STIMULATION/ ELECTROENCEPHALOGRAPHY/ ESTROGENS, pharmacodynamics/ *FEEDBACK/ FEMALE/ *HYPOTHALAMUS, physiology/ KINETICS/ *LIMBIC SYSTEM, physiology/ OVARY/ OVULATION/ PROGESTERONE, pharmacodynamics/ RABBITS/ TIME FACTORS

1774. **Iizuka R, Suzuki A:** [Principles of the ovulation phenomenon]
Sanfujin Jissai 18:294-300, Apr 69 (42 ref.) **(Jap)**
ANIMAL EXPERIMENTS/ FEMALE/ GONADOTROPINS, metabolism/ GRAAFIAN FOLLICLE, growth & development/ GRAAFIAN FOLLICLE, physiology/ GRAAFIAN FOLLICLE, physiopathology/ HUMAN/ MEIOSIS/ MONKEYS/ OVULATION/ OVUM, cytology/ OVUM, physiology/ RABBITS/ RATS/ REVIEW

1775. **Iizuka Y:** [Nutrition and diet in dental health--especially, in relation to dental caries]
J Jap Dent Ass 22:123-33, May 69 (56 ref.) **(Jap)**
ASCORBIC ACID/ CALCIUM, DIETARY/ *DENTAL CARIES, etiology/ *DIET/ DIETARY CARBOHYDRATES/ DIETARY FATS/ DIETARY PROTEINS/ FLUORINE/ HUMAN/ LYSINE/ MAGNESIUM/ *NUTRITION/ ORAL HEALTH/ PHOSPHORUS/ REVIEW/ TOOTH, growth & development/ VITAMIN A/ VITAMIN D/ VITAMIN K

1776. **Ikai K, Sakamoto M, Takaba H, et al:** Plantar sweat electrolyte concentration in the dog: effect of exogenous aldosterone on the sweat electrolyte concentration--discussion on ductal reabsorption in the sweat duct. Nagoya Med J 15:33-45, Apr 69
*ALDOSTERONE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *CHLORIDES, analysis/ DOGS/ *POTASSIUM, analysis/ *SODIUM, analysis/ *SWEAT, analysis/ SWEAT GLANDS, drug effects/ *SWEAT GLANDS, metabolism/ SWEATING, drug effects

1777. **Ikonomoff SI:** Nouvelle méthode de traitement de la migraine au moyen de médicaments anticholinestérasiques (observations cliniques)
Schweiz Arch Neurol Neurochir Psychiat 102:299-312, 1968 **(Fre)**
ACETYLCHOLINE, pharmacodynamics/ AMBULATORY CARE/ CHOLINESTERASE INHIBITORS, therapeutic use/ COMPARATIVE STUDY/ DRUG TOLERANCE/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ GALANTHAMINE, adverse effects/ *GALANTHAMINE, therapeutic use/ HUMAN/ MENOPAUSE/ MIDDLE AGE/ *MIGRAINE, drug therapy/ NEOSTIGMINE, adverse effects/ *NEOSTIGMINE, therapeutic use/ SEROTONIN, antagonists & inhibitors

1778. **Il'in II, Kobelev AA, Kovalev IuN, et al:** O lechenii upornykh form khronicheskogo prostatita.
Urol Nefrol (Moskva) 34:42-5, Jan-Feb 69 **(Rus)**
*ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ CHRONIC DISEASE/ HUMAN/ MALE/ MIDDLE AGE/ *PROSTATITIS, drug therapy

1779. **Il'iuchenok TIu, Talapin VI, Shadurskiĭ KS:** Deĭstvie proizvodnykh indola na enterokhromaffinnye kletki pri éksperimental'noĭ gipertenzii.
Farmakol Toksik 32:304-6, May-Jun 69 **(Rus)**
ANIMAL EXPERIMENTS/ *ANTIHYPERTENSIVE AGENTS, therapeutic use/ CHROMAFFIN SYSTEM, analysis/

*CHROMAFFIN SYSTEM, drug effects/ COMPARATIVE STUDY/ DEPRESSION, CHEMICAL/ *DUODENUM, cytology/ ENGLISH ABSTRACT/ FEMALE/ HISTOCYTOCHEMISTRY/ *HYPERTENSION, RENAL, drug therapy/ INDOLES, pharmacodynamics/ *INDOLES, therapeutic use/ MALE/ RABBITS/ *SERONTONIN, analysis

1780. **Ilter G:** Tiroid hastaliklari ve oto-immünite.
Turk Tip Cem Mec 35:221-6, Apr 69 **(Tur)**
*AUTOIMMUNE DISEASES/ GOITER/ HUMAN/ *THYROID DISEASES/ THYROIDITIS, LYMPHOMATOUS

1781. **Imaizumi S, Suzuoki Y, Torii K, et al:** [Treatment and prognosis of malignant ovarian tumors]
Iryo 23:516-25, Apr 69 **(Jap)**
ADENOCARCINOMA, therapy/ ADOLESCENCE/ ADULT/ AGED/ CYSTADENOCARCINOMA, therapy/ CYSTADENOMA, MUCINOUS, therapy/ DISGERMINOMA, therapy/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MIDDLE AGE/ *OVARIAN NEOPLASMS, therapy/ PROGNOSIS/ TERATOID TUMOR, therapy

1782. **Imanaka T, Ichihara K, Ohara T, et al:** [Long-term observation on a case of pure erythrocyte aplasia, with special reference to corticosteroid therapy]
Jap J Clin Med 27:1705-15, Jun 69 **(Jap)**
ADOLESCENCE/ *ANEMIA, APLASTIC, drug therapy/ BIOPSY/ HUMAN/ LIVER, pathology/ MALE/ *PREDNISOLONE, therapeutic use/ SPLEEN, pathology/ SPLENOMEGALY, complications

1783. **Imbenotte J, Nataf B, Harel J:** Action de la TSH sur la biosynthèse du RNA dans les thyroïdes de foetus de rat en culture organotypique.
Bull Soc Chim Biol (Paris) 51:428-32, 26 Jun 69 **(Fre)**
CELL NUCLEUS, metabolism/ CYTOPLASM, metabolism/ *FETUS, metabolism/ IODINE ISOTOPES/ PHOSPHORUS ISOTOPES/ RADIOAUTOGRAPHY/ RATS/ *RNA, biosynthesis/ STIMULATION, CHEMICAL/ THYROID GLAND, drug effects/ *THYROID GLAND, metabolism/ *THYROTROPIN, pharmacodynamics/ TISSUE CULTURE

1784. **Immenkamp M, Seifert G:** Zur Pathogenese der experimentellen Speicheldrüsen-Calciphylaxie.
Virchow Arch [Path Anat] 347:211-24, 1969 **(Ger)**
ANIMAL EXPERIMENTS/ *CALCIPHYLAXIS, pathology/ *CHROMIUM, pharmacodynamics/ *DIHYDROTACHYSTEROL, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ HISTOLOGICAL TECHNICS/ INJECTIONS, INTRAPERITONEAL/ *IODIDES, pharmacodynamics/ *ISOPROTERENOL, pharmacodynamics/ PAROTID GLAND, drug effects/ PAROTID GLAND, pathology/ *POTASSIUM IODIDE, pharmacodynamics/ RATS/ *SALIVARY GLANDS, drug effects/ *SEROTONIN, pharmacodynamics/ SUBLINGUAL GLAND, drug effects/ SUBLINGUAL GLAND, pathology/ SUBMANDIBULAR GLAND, drug effects/ SUBMANDIBULAR GLAND, pathology

1785. **Imoto T, Doi Y, Hayashi K, et al:** Characterization of enzyme-substract complex of lysozyme. II. Effects of pH and salts. J Biochem (Tokyo) 65:667-71, May 69
AMMONIA/ BARIUM/ BROMINE/ CALCIUM/ CHITIN/ CHLORINE/ CHROMATOGRAPHY/ *HYDROGEN-ION CONCENTRATION/ IODINE/ IONS/ LITHIUM/ MAGNESIUM/ *MURAMIDASE/ NITRITES/ OPTICAL ROTATORY DISPERSION/ OXIDATION-REDUCTION/ SODIUM/ *SODIUM CHLORIDE/ SPECTROPHOTOMETRY/ SULFURIC ACIDS/ TRYPTOPHAN

1786. **Imura H, Kato Y:** [Advances and problems of hormone measurement: growth hormone (GH)]
Clin Endocr (Tokyo) 17:261-9, Apr 69 (53 ref.) **(Jap)**
ACROMEGALY, blood/ ADOLESCENCE/ ADULT/ AGED/ ANIMAL EXPERIMENTS/ ARGININE, diagnostic use/ BIOLOGICAL ASSAY/ CHILD/ CHILD, PRESCHOOL/ DEXTRAN/ DOGS/ DWARFISM, blood/ ELECTROPHORESIS/ FEMALE/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ HYPOPITUITARISM, blood/ INFANT/ INFANT, NEWBORN/ INSULIN, diagnostic use/ METHODS/ MICE/ MIDDLE AGE/ PREGNANCY/ PUERPERIUM/ RADIOIMMUNOASSAY/ RATS/ REVIEW/ *SOMATOTROPIN, analysis/ SPECIES SPECIFICITY

1787. **Imura H, Kusakabe T:** [Inborn errors of hormone synthesis]
Saishin Igaku 24:1176-86, Jun 69 (65 ref.) **(Jap)**
*ADRENAL CORTEX HORMONES, biosynthesis/ ADRENAL GLAND DISEASES, diagnosis/ ADRENOGENITAL SYNDROME, familial & genetic/ CHILD/ DWARFISM, PITUITARY, familial & genetic/ ENDOCRINE DISEASES, enzymology/ *ENDOCRINE DISEASES, familial & genetic/ HUMAN/ HYDROXYLASES, metabolism/ METABOLISM, INBORN ERRORS/ PEDIGREE/ *PITUITARY HORMONES, ANTERIOR, biosynthesis/ REVIEW/ THYROID DISEASES, familial & genetic/ THYROID DISEASES, metabolism/ *THYROID HORMONES, biosynthesis/ VASOPRESSIN, biosynthesis

1788. **Imura H, Matsukura S, Kato Y:** [On serum ACTH]
Jap J Clin Med 27:1407-21, May 69 (61 ref.) **(Jap)**
ADDISON'S DISEASE, blood/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BLOOD PROTEINS, metabolism/ CIRCADIAN RHYTHM/ CORTICOSTERONE, blood/ *CORTICOTROPIN, blood/ CUSHING'S SYNDROME, blood/ ERYTHROCYTES, metabolism/ GEL FILTRATION/ HUMAN/ HYPOPITUITARISM, blood/ METHODS/ PROTEIN BINDING/ RADIOIMMUNOASSAY/ RATS/ REVIEW

1789. **Imura H, Matsuyama H:** [In vivo inactivation of ACTH]
Jap J Clin Med 27:1400-6, May 69 **(Jap)**
ANIMAL EXPERIMENTS/ CORTICOTROPIN, blood/ *CORTICOTROPIN, metabolism/ HUMAN/ KIDNEY, metabolism/ LIVER, metabolism/ PEPTIDE HYDROLASES, metabolism/ RATS/ SWINE

1790. **Imura H, Matsuyama H, Matsukura S:** [Observation on the action mechanism of ACTH]
Jap J Clin Med 27:1425-9, May 69 **(Jap)**
ADENINE, metabolism/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ CORTICOSTERONE, blood/ *CORTICOTROPIN, physiology/ MALE/ PHENTOLAMINE, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ RATS/ STEROIDS, biosynthesis

1791. **Imura H, Yawata M, Morimoto M, et al:** [Extra-adrenal action of ACTH, with special reference to its effect on carbohydrate and lipid metabolism]
Jap J Clin Med 27:1441-6, May 69 **(Jap)**
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ BLOOD SUGAR, metabolism/ *CARBOHYDRATES, metabolism/ *CORTICOTROPIN, physiology/ HUMAN/ IN VITRO/ INSULIN, blood/ *LIPIDS, metabolism/ MALE/ RATS/ SHEEP

1792. **Inada K, Yamada R, Fu S, et al:** [Seminoma-like mediastinal tumor]
Jap J Thorac Surg 22:442-6, Jun 69 **(Jap)**
ADULT/ *DISGERMINOMA/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *MEDIASTINAL NEOPLASMS/ *THYMUS NEOPLASMS

1793. **Inchiosa MA Jr, Rodriguez IB:** Conditions affecting the purification and solution of a uterine epinephrine-oxidizing enzyme.
Biochem Pharmacol 18:1883-92, Aug 69
ADENOSINE TRIPHOSPHATASE, antagonists & inhibitors/ ADRENOCHROME, biosynthesis/ ADRENOCHROME, metabolism/ ANIMAL EXPERIMENTS/ CATTLE/ CHROMATOGRAPHY, PAPER/

EPINEPHRINE, metabolism/ FEMALE/ IN VITRO/ METHODS/ MUSCLE, SMOOTH, enzymology/ *OXIDOREDUCTASES, isolation & purification/ OXIDOREDUCTASES, metabolism/ SOLUBILITY/ SPECTROPHOTOMETRY/ TIME FACTORS/ ULTRASONICS/ *UTERUS, enzymology

1794. **Inchiosa MA Jr, Rodriguez IB:** Distribution of an epinephrine-oxidizing enzyme in mammalian tissues.
Biochem Pharmacol 18:2032-5, Aug 69
ADRENOCHROME, metabolism/ ANIMAL EXPERIMENTS/ BRAIN CHEMISTRY/ CHROMATOGRAPHY/ *EPINEPHRINE, metabolism/ FEMALE/ GUINEA PIGS/ ILEUM, enzymology/ KIDNEY, analysis/ KIDNEY, enzymology/ LIVER, enzymology/ MALE/ MUSCLE, SMOOTH, enzymology/ MUSCLES, enzymology/ MYOCARDIUM, enzymology/ *OXIDOREDUCTASES, analysis/ OXIDOREDUCTASES, metabolism/ RABBITS/ RATS/ TRACHEA, enzymology/ UTERUS, enzymology

1795. **Ing TH:** Indomethacin in the treatment of erythema nodosum leprosum, in comparison with prednisolone.
Singapore Med J 10:66-70, Mar 69
COMPARATIVE STUDY/ *ERYTHEMA NODOSUM, drug therapy/ HUMAN/ *INDOMETHACIN, therapeutic use/ LEPROSY, complications/ *PREDNISOLONE, therapeutic use

1796. **Ingiulla W, Forleo R:** Testostérone et épitestostérone urinaires en pratique gynécologique.
Rev Franc Endocr Clin 10:109-20, Mar-Apr 69 (Fre)
AMENORRHEA, drug therapy/ CHROMATOGRAPHY, GAS/ CLOMIPHENE, therapeutic use/ CORTICOTROPIN, therapeutic use/ DEXAMETHASONE, therapeutic use/ FEMALE/ HIRSUTISM, drug therapy/ HIRSUTISM, etiology/ HUMAN/ HYPERTRICHOSIS, etiology/ *17-KETOSTEROIDS, urine/ MENOPAUSE/ METHODS/ OVARY, physiology/ PREGNANEDIOL, urine/ *TESTOSTERONE, urine/ VIRILISM, etiology

1797. **Ingiulla W, Ingrassia W, Battaglia GB:** Die Clomiphenbehandlung und die Behandlung mit HMG in einmaliger Dosis beim avovulatorischen Cyclus.
Arch Gynaek 207:46-7, 1969 (Ger)
AMENORRHEA, drug therapy/ *CLOMIPHENE, therapeutic use/ FEMALE/ GONADOTROPINS, administration & dosage/ HUMAN/ *MENSTRUATION DISORDERS, drug therapy/ STEIN-LEVENTHAL SYNDROME, drug therapy

1798. **Inman WH, Vessey MP:** Oral contraceptives and prophylaxis of thromboembolism.
Lancet 2:699, 27 Sep 69
*CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ THROMBOEMBOLISM, chemically induced/ *THROMBOEMBOLISM, prevention & control

1799. **Innes IR, Kohli JD:** Excitatory action of sympathomimetic amines on 5-hydroxytryptamine receptors of gut.
Brit J Pharmacol 35:383-93, Mar 69
AMPHETAMINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ FEMALE/ GUINEA PIGS/ *ILEUM, drug effects/ IN VITRO/ *JEJUNUM, drug effects/ LYSERGIC ACID DIETHYLAMIDE, pharmacodynamics/ MALE/ MORPHINE, pharmacodynamics/ MUSCLE CONTRACTION, drug effects/ PHENETHYLAMINES, pharmacodynamics/ RABBITS/ RATS/ *RECEPTORS, DRUG/ *SEROTONIN, pharmacodynamics/ *STOMACH, drug effects/ SYMPATHOMIMETICS, antagonists & inhibitors/ *SYMPATHOMIMETICS, pharmacodynamics

1800. **Inoue K, Adachi T, Oikawa R:** [Studies on the relationship between thyroid hormones and catecholamines, with special reference to carbohydrate metabolism in the muscle]
Folia Endocr Jap 45:310-20, 20 Jun 69 (Jap)
ANIMAL EXPERIMENTS/ *CARBOHYDRATES, metabolism/ *CATECHOLAMINES, pharmacodynamics/ ENGLISH ABSTRACT/ EPINEPHRINE, pharmacodynamics/ GLUCOSE/ GUANETHIDINE, administration & dosage/ INJECTIONS, INTRAPERITONEAL/ LACTATES, metabolism/ MALE/ *MUSCLES, metabolism/ PERFUSION/ PROPRANOLOL, pharmacodynamics/ RATS/ RESERPINE, pharmacodynamics/ *THYROID HORMONES, pharmacodynamics/ THYROXINE, pharmacodynamics/ TIME FACTORS

1801. **Inoue S:** [Radioisotope scanning for diagnosis of bone tumors]
Jap J Cancer Clin 15:237-42, Mar 69 (Jap)
BONE AND BONES, blood supply/ BONE MARROW/ *BONE NEOPLASMS, diagnosis/ HUMAN/ *RADIOISOTOPE SCANNING

1802. **Inoue Y, Ishibashi Y:** [Obesity and emaciation in pre-adolescence]
Sanfujin Jissai 18:205-11, Mar 69 (Jap)
ADOLESCENCE/ AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ *EMACIATION/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ *OBESITY/ OBESITY, familial & genetic/ PUBERTY

1803. **Ionescu A, Corneleac E, Buhociu I, et al:** Tratamentul chirurgical al distrofiei endemice tireopate. Consideraţii pe marginea unei statistici.
Rev Medicochir Iasi 73:83-8, Jan-Mar 69 (Rum)
ADOLESCENCE/ ADULT/ AGED/ CHILD/ ENGLISH ABSTRACT/ GOITER, occurrence/ *GOITER, surgery/ GOITER, ENDEMIC, surgery/ HUMAN/ MIDDLE AGE/ RUMANIA

1804. **Ionin ML:** Vliianie predoperatsionnoĭ podgotovki i struméktomii na urven' gormonal'nogo ioda v krovi bol'nykh toksicheskim i éutireoidnym zobom.
Probl Endokr (Moskva) 13:22-6, May-Jun 67 (Rus)
ADOLESCENCE/ ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ *GOITER, surgery/ *GOITER, EXOPHTHALMIC, surgery/ HUMAN/ HYPOTHYROIDISM, therapy/ MALE/ MIDDLE AGE/ PREOPERATIVE CARE/ *PROTEIN-BOUND IODINE TEST

1805. **Ippen H:** Klinisch-pharmakologische Fragen zum Arzneimittel-Metabolismus aus der Sicht des Dermatologen.
Arzneimittelforschung 19:814-5, May 69 (Ger)
ADRENAL CORTEX HORMONES, pharmacodynamics/ ANTHRAQUINONES, metabolism/ ARGYRIA, chemically induced/ CATHARTICS, metabolism/ CHLORPROMAZINE, adverse effects/ COLON, metabolism/ DRUG HYPERSENSITIVITY/ *DRUGS, metabolism/ ENGLISH ABSTRACT/ HUMAN/ LIGHT/ OXIDATION-REDUCTION/ PIGMENTATION, drug effects/ SKIN, drug effects/ *SKIN, metabolism/ TEMPERATURE

1806. **Ippolito A, Giacovazzo M, Badalametni G, et al:** Toxoplasmosi acquisita e artrite reumatoide.
G Mal Infett 20:955-8, Nov 68 (Ita)
AGED/ ANTIBIOTICS, therapeutic use/ *ARTHRITIS, RHEUMATOID, complications/ ARTHRITIS, RHEUMATOID, drug therapy/ HUMAN/ INDOMETHACIN, therapeutic use/ INSULIN, therapeutic use/ MALE/ NEUROLOGIC MANIFESTATIONS/ PITUITARY-ADRENAL SYSTEM/ *TOXOPLASMOSIS, complications

1807. **Irie M, Tsushima T, Sakuma M, et al:** Plasma human growth hormone levels 4 hours after breakfast in adolescent twins and adults.
Endocr Jap 16:283-5, Apr 69
ADOLESCENCE/ ADULT/ AGE FACTORS/ BODY HEIGHT/ BODY WEIGHT/ EATING/ FEMALE/ HUMAN/ MALE/ SEX FACTORS/ *SOMATOTROPIN, blood/ TIME FACTORS/ *TWINS

1808. **Irnell L:** Metastatic calcification of soft tissue on overdosage of vitamin D.
Acta Med Scand 185:147-52, Mar 69
ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ CALCIUM, blood/ DIET THERAPY/ ERGOCALCIFEROL, poisoning/

ERGOCALCIFEROL, therapeutic use/ FEMALE/ GOITER, surgery/ HUMAN/ HYPERCALCEMIA, chemically induced/ HYPOCALCEMIA, drug therapy/ INOSITOL, therapeutic use/ *KIDNEY FAILURE, CHRONIC, chemically induced/ MALE/ MIDDLE AGE/ *NEPHROCALCINOSIS, chemically induced/ THYROIDECTOMY, adverse effects/ TIME FACTORS/ *VITAMIN D, poisoning/ VITAMIN D, toxicity

1809. **Irvine CH: Qualitative and quantitative aspects of thyroxine metabolism in sheep.**
Endocrinology 85:662-73, Oct 69
ANIMAL EXPERIMENTS/ BILE, analysis/ BILIARY TRACT, physiology/ BILIARY TRACT, surgery/ CHROMATOGRAPHY, PAPER/ FECES, analysis/ FEMALE/ FISTULA/ GLUCURONATES, metabolism/ INTESTINES, metabolism/ IODIDES, analysis/ IODIDES, urine/ IODINE, urine/ IODINE ISOTOPES/ MALE/ *SHEEP, metabolism/ *THYROXINE, metabolism/ THYROXINE, secretion/ THYROXINE, urine

1810. **Isaacs A: The rat erythrocyte in induced hyper- and hypothyroidism.** W Afr Med J 18:50-5, Apr 69
ACACIA/ *ANEMIA, chemically induced/ ANIMAL EXPERIMENTS/ *ERYTHROCYTES, drug effects/ *ERYTHROPOIESIS, drug effects/ *HYPERTHYROIDISM, chemically induced/ *HYPOTHYROIDISM, chemically induced/ PROPYLTHIOURACIL, pharmacodynamics/ RATS/ RESINS, pharmacodynamics/ THYROXINE, pharmacodynamics

1811. **Isbister JP, Speros J, Steinbeck AW: The absorption of prednisolone B.P. as 5 mg and 25 mg tablets.**
Med J Aust 1:1135-6, 31 May 69
ADULT/ FEMALE/ GREAT BRITAIN/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, blood/ *INTESTINAL ABSORPTION/ MALE/ PHARMACOPOEIAS/ PREDNISOLONE, administration & dosage/ *PREDNISOLONE, metabolism/ TABLETS

1812. **Isenberg HD, Moss ML, Lavine LS: An introduction to the comparative morphology of mineralized tissues.**
Curr Pract Orthop Surg 4:202-37, 1969
*BONE AND BONES, anatomy & histology/ *BONE DEVELOPMENT/ *CALCIFICATION, PHYSIOLOGIC/ HUMAN/ *OSSIFICATION, PHYSIOLOGIC/ *OSTEOGENESIS/ PROTOZOA/ VERTEBRATES

1813. **Ishii S, Iwata T, Kobayashi H: Granular localization of corticotropin-releasing activity in horse hypophysial stalk homogenate.** Endocr Jap 16:171-7, Feb 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CORTICOTROPIN/ *CORTICOTROPIN RELEASING FACTOR/ *CYTOPLASMIC GRANULES/ HORSES/ MALE/ MICROSCOPY, ELECTRON/ ORGAN WEIGHT/ *PITUITARY GLAND, cytology/ PITUITARY HORMONE RELEASING FACTORS/ RATS/ TIME FACTORS/ ULTRACENTRIFUGATION/ VASOPRESSIN

1814. **Ishii S, Tomizawa M: [Management of brain edema]**
Surg Ther (Osaka) 20:680-7, Jun 69 (41 ref.) (Jap)
ADRENAL CORTEX HORMONES, therapeutic use/ BRAIN EDEMA, etiology/ *BRAIN EDEMA, therapy/ HUMAN/ HYPERTONIC SOLUTIONS/ INTRACRANIAL PRESSURE/ METHODS/ OXYGEN INHALATION THERAPY/ REVIEW

1815. **Ishii T: [Distribution of Alzheimer's neurofibrillar changes (NFA) in postencephalitic parkinsonism]**
Advances Neurol Sci (Tokyo) 12:909-19, Dec 68 (Jap)
ADULT/ AGED/ BRAIN STEM, pathology/ DEMENTIA, PRESENILE, pathology/ DOPAMINE, analysis/ HISTOCYTOCHEMISTRY/ HUMAN/ HYPOTHALAMUS, pathology/ MIDDLE AGE/ *NEUROFIBRILS/ NEURONS/ NOREPINEPHRINE, analysis/ *PARKINSONISM, POSTENCEPHALITIC, pathology/ SEROTONIN, analysis

1816. **Ishikawa H, Soyama F, Yoshimura F: ACTH secretion from the pituitary transplanted in apposition with the adrenal cortex under the renal capsule.**
Endocr Jap 16:331-49, Jun 69
*ADRENAL GLANDS/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ *CORTICOTROPIN, secretion/ ETHERS, pharmacodynamics/ FEEDBACK/ FEMALE/ HYPOPHYSECTOMY/ *KIDNEY/ ORGAN WEIGHT/ PITUITARY-ADRENAL SYSTEM/ PITUITARY GLAND, cytology/ PITUITARY GLAND, drug effects/ *PITUITARY GLAND, secretion/ *PITUITARY GLAND, transplantation/ RATS/ SERINE, metabolism/ THYROID GLAND, transplantation/ TRANSPLANTATION, AUTOLOGOUS/ TRANSPLANTATION, HOMOLOGOUS

1817. **Ishioka T, Honda Y, Sagara A, et al: The effects of oestrogens on bluing lesions by bradykinin and histamine.**
Acta Endocr (Kobenhavn) 60:177-83, Feb 69
ANIMAL EXPERIMENTS/ ANTIHISTAMINICS, pharmacodynamics/ AZO COMPOUNDS, diagnostic use/ *BRADYKININ, antagonists & inhibitors/ *CAPILLARY PERMEABILITY, drug effects/ ESTRIOL, pharmacodynamics/ ESTROGENIC SUBSTANCES, CONJUGATED, pharmacodynamics/ *ESTROGENS, pharmacodynamics/ HEXESTROL, pharmacodynamics/ RABBITS/ SUCCINATES

1818. **Ishizuka N, Kaseki S: [Development of chemotherapy of chorionic tumors]**
Jap J Clin Med 27:1610-7, Jun 69 (41 ref.) (Jap)
ANGIOGRAPHY/ ANTINEOPLASTIC AGENTS, administration & dosage/ ANTINEOPLASTIC AGENTS, adverse effects/ *ANTINEOPLASTIC AGENTS, therapeutic use/ CHORIOCARCINOMA, diagnosis/ *CHORIOCARCINOMA, drug therapy/ DACTINOMYCIN, therapeutic use/ FEMALE/ HUMAN/ METHOTREXATE, therapeutic use/ PREGNANCY/ RADIOIMMUNOASSAY/ REVIEW/ UROGENITAL NEOPLASMS, diagnosis/ *UROGENITAL NEOPLASMS, drug therapy

1819. **Iskrić S, Stančić L, Kveder S: A new method for separation and quantitative determination of metabolites of tryptamines in biological material.**
Clin Chim Acta 25:435-40, Sep 69
ALDEHYDES, analysis/ CHROMATOGRAPHY, ION EXCHANGE/ DEAE-CELLULOSE/ DEXTRAN/ FLUOROMETRY/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ *HYDROXYINDOLEACETIC ACID, analysis/ *INDOLES, analysis/ METHODS/ *SEROTONIN, analysis/ SEROTONIN, metabolism/ SPECTROPHOTOMETRY/ *TRYPTAMINES, analysis/ TRYPTAMINES, metabolism/ ULTRAVIOLET RAYS

1820. **Ismail AA, Davidson DW, Kirkham KE, et al: Studies on sex hormone excretion in normal and hirsute women.**
Acta Endocr (Kobenhavn) 61:283-92, Jun 69
ADOLESCENCE/ ADULT/ ESTRADIOL, urine/ ESTRIOL, urine/ ESTROGENS, urine/ ESTRONE, urine/ FEMALE/ *HIRSUTISM, urine/ HUMAN/ PREGNANEDIOL, urine/ *SEX HORMONES, urine/ TESTOSTERONE, urine

1821. **Ismail AA, Loraine JA: Recent studies on androgenic function in human subjects.**
J Obstet Gynaec Brit Comm 75:929-40, Sep 68 (78 ref.)
ACNE, urine/ ADOLESCENCE/ ADRENAL GLAND DISEASES, urine/ ADRENAL GLAND NEOPLASMS, urine/ ADULT/ AGE FACTORS/ *ANDROGENS, physiology/ ANDROGENS, secretion/ CHILD/ CHROMATOGRAPHY, GAS/ COITUS/ FEMALE/ GLUCURONATES, metabolism/ HIRSUTISM, urine/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ IMPOTENCE/ KLINEFELTER'S SYNDROME/ MALE/ MENSTRUATION/ MYOCARDIAL INFARCT, urine/ PUBERTY, PRECOCIOUS,

urine/ REVIEW/ SEX CHROMOSOME ABNORMALITIES/ SEX FACTORS/ TESTICULAR NEOPLASMS, urine/ *TESTOSTERONE, blood/ *TESTOSTERONE, urine/ VIRILISM, urine

1822. **Ismail AM, Balakrishnan R, Rajakumar MK, et al:** Rupture of patellar ligament after steroid infiltration. Report of a case.
J Bone Joint Surg [Brit] 51:503-5, Aug 69
ADULT/ *ATHLETIC INJURIES, therapy/ *GLUCOCORTICOIDS, adverse effects/ HUMAN/ HYDROCORTISONE, adverse effects/ HYDROCORTISONE, therapeutic use/ KNEE INJURIES, surgery/ KNEE INJURIES, therapy/ *LIGAMENTS, ARTICULAR, injuries/ MALE/ PATELLA, injuries/ RUPTURE, chemically induced

1823. **Israel HL, Ostrow A:** Sarcoidosis and aspergilloma.
Amer J Med 47:243-50, Aug 69
ADULT/ *ASPERGILLOSIS, complications/ ASPERGILLOSIS, diagnosis/ ASPERGILLOSIS, mortality/ ASPERGILLOSIS, radiography/ ASPERGILLOSIS, surgery/ ASPERGILLUS, isolation & purification/ FEMALE/ GLUCOCORTICOIDS, adverse effects/ HEMOPTYSIS, etiology/ HEMORRHAGE, ORAL, etiology/ HUMAN/ LUNG, radiography/ *LUNG DISEASES, FUNGAL, complications/ LUNG DISEASES, FUNGAL, radiography/ MALE/ MIDDLE AGE/ PRECIPITIN TESTS/ *SARCOIDOSIS, complications/ SKIN TESTS/ SPUTUM, microbiology/ TUBERCULOSIS, complications

1824. **Issa M, Blank CE, Atherton GW:** The temporal appearance of sex chromatin and of the late-replicating X chromosome in blastocysts of the domestic rabbit. Cytogenetics (Basel) 8:219-37, 1969
ANIMAL EXPERIMENTS/ *DNA REPLICATION/ *EMBRYO, cytology/ FEMALE/ MALE/ MITOSIS/ RABBITS/ RADIOAUTOGRAPHY/ *SEX CHROMATIN/ *SEX CHROMOSOMES, metabolism/ THYMIDINE/ TRITIUM

1825. **Ito E, Minakuchi K, Arakawa M, et al:** [Successfully treated case of cryptococcus meningitis with the combination therapy of amphotericin B and adrenal cortex hormones] Saishin Igaku 24:904-8, Apr 69 **(Jap)**
*ADRENAL CORTEX HORMONES, administration & dosage/ ADULT/ *AMPHOTERICIN B, administration & dosage/ BETAMETHASONE, administration & dosage/ *CRYPTOCOCCOSIS, drug therapy/ FEMALE/ HUMAN/ *MENINGITIS, drug therapy/ PREDNISOLONE, administration & dosage

1826. **Ito M:** [Clinical and experimental studies on the contact factor. I. Contact factor activity in various dieases] Acta Haemat Jap 31:1142-54, Dec 68 **(Jap)**
ADOLESCENCE/ ADULT/ AGED/ BLOOD COAGULATION DISORDERS, blood/ BLOOD COAGULATION FACTORS/ CARDIOVASCULAR DISEASES, blood/ CHILD/ ENGLISH ABSTRACT/ *FACTOR XI, analysis/ *FACTOR XII, analysis/ FEMALE/ HEMATOLOGIC DISEASES, blood/ HUMAN/ LIVER DISEASES, blood/ MALE/ MIDDLE AGE/ NEOPLASMS, blood/ PREGNANCY/ THYROID DISEASES, blood

1827. **Ito S, Hiroshige T:** [Mechanism of ACTH secretion in the pituitary gland]
Saishin Igaku 24:986-8, May 69 **(Jap)**
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *CORTICOTROPIN, secretion/ CORTICOTROPIN RELEASING FACTOR/ GLYCOGEN, metabolism/ HYPOTHALAMUS, secretion/ *PITUITARY GLAND, secretion/ RATS/ SWINE

1828. **Ito S, Kuroshima A:** [Measurement of releasing factors]
Clin Endocr (Tokyo) 17:274-84, Apr 69 (134 ref.) **(Jap)**
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CORTICOTROPIN RELEASING FACTOR, analysis/ FEMALE/ FSH, secretion/ IN VITRO/ METHODS/ PITUITARY GLAND, secretion/ *PITUITARY HORMONE RELEASING FACTORS, analysis/ PROLACTIN, secretion/ RATS/ REVIEW/ SOMATOTROPIN, secretion/ THYROTROPIN RELEASING FACTOR, analysis

1829. **Ito S, Seo K, Sano K, et al:** Production of diiodohydroxyphenylpyruvic acid from diiodotyrosine by nonenzymatic reaction.
Endocr Jap 16:129-32, Feb 69
ALUMINUM/ D-AMINOACID OXIDASE/ CHEMISTRY/ CHROMATOGRAPHY, PAPER/ COBALT/ COPPER/ *DIIODOTYROSINE/ HYDROGEN-ION CONCENTRATION/ IODINE ISOTOPES/ IONS/ IRON/ MANGANESE/ NICKEL/ PEROXIDASES/ PYRIDOXAL PHOSPHATE/ THYROXINE/ ZINC

1830. **Ito Y:** [Study on a new method for the determination of 7 fractions of urinary 17-deoxycorticosteroid (DOC, Comp. B, Comp. A, allo THB, THB, THA and aldosterone). I. Method and basic experiments]
Folia Endocr Jap 45:12-28, 20 Apr 69 **(Jap)**
ACETATES/ ACETIC ACIDS/ *ADRENAL CORTEX HORMONES, urine/ ADULT/ ALDOSTERONE, urine/ CHROMATOGRAPHY/ CHROMATOGRAPHY, THIN LAYER/ COLORIMETRY/ COMPARATIVE STUDY/ DESOXYCORTICOSTERONE, urine/ ENGLISH ABSTRACT/ ETHERS/ FEMALE/ GLUCURONIDASE/ HUMAN/ INDICATORS AND REAGENTS/ METHODS/ MIDDLE AGE/ TETRAZOLIUM SALTS

1831. **Ittrich G:** Eine Reaktion zur Bestimmung von Testosteron in Extrakten von Körperflüssigkeiten.
Hoppe Seyler Z Physiol Chem 350:513-6, Apr 69 **(Ger)**
*ANDROSTANES, analysis/ *BODY FLUIDS, analysis/ CHROMATOGRAPHY, THIN LAYER/ ESTROGENS, analysis/ FLUOROMETRY/ GLUCOCORTICOIDS, analysis/ METHODS/ PREGNANES, analysis/ *TESTOSTERONE, analysis

1832. **Iudaev NA, Afinogenova SA:** Sekrestsiia kortikosteroidov nadpochenikami morskikh svinok posle gipofizéktomii.
Probl Endokr (Moskva) 14:61-6, Nov-Dec 68 **(Rus)**
*ADRENAL GLANDS, secretion/ ANIMAL EXPERIMENTS/ CORTICOTROPIN, pharmacodynamics/ *CORTICOTROPIN, physiology/ ENGLISH ABSTRACT/ GUINEA PIGS/ *17-HYDROXYCORTICOSTEROIDS, blood/ HYPOPHYSECTOMY/ MALE/ *PITUITARY GLAND, physiology

1833. **Iudenich VV:** Ispol'zovanie prednizolona dlia lecheniia khimicheskikh ozhogov pishchevodo v éksperimente.
Eksp Khir Anest 13:32-4, Jul-Aug 68 **(Rus)**
ANIMAL EXPERIMENTS/ *BURNS, CHEMICAL, drug therapy/ DOGS/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ *ESOPHAGUS/ METHODS/ PENICILLIN G, BENZATHINE, therapeutic use/ *PREDNISOLONE, therapeutic use

1834. **Iunda IF:** Klinicheskaia otsenka predopukholevykh zabolevanii iaichka.
Klin Khir (Kiev) 11:23-6, Nov 67 **(Rus)**
ADOLESCENCE/ ADULT/ CRYPTORCHISM, complications/ DILATATION/ EPIDIDYMITIS, complications/ HERNIA, surgery/ HUMAN/ HYDROCELE, complications/ MALE/ MIDDLE AGE/ ORCHITIS/ *PRECANCEROUS CONDITIONS/ SCROTUM, injuries/ SPERMATIC CORD/ *TESTICULAR DISEASES, complications/ *TESTICULAR NEOPLASMS, etiology/ TESTIS, abnormalities/ TESTIS, injuries/ TUBERCULOSIS, UROGENITAL, complications/ VASCULAR DISEASES, complications

1835. **Iunda IF, Imshinetskaia LI:** Sovremennoe sostoianie i predposylki k sovershenstvovaniiu gormonoterapii bol'nykh kriptorkhizmom (obzor literatury)
Probl Endokr (Moskva) 15:112-6, Mar-Apr 69 (113 ref.) **(Rus)**
ADOLESCENCE/ ADULT/ ANIMAL EXPERIMENTS/ CHILD/ CHILD, PRESCHOOL/ CORTICOTROPIN, therapeutic

use/ CORTISONE, therapeutic use/ *CRYPTORCHISM, drug therapy/ CRYPTORCHISM, surgery/ DOGS/ GONADOTROPINS, therapeutic use/ *HORMONES, therapeutic use/ HUMAN/ INFANT, NEWBORN/ MALE/ RATS/ REVIEW/ TESTOSTERONE, therapeutic use/ THYROID HORMONES, therapeutic use

1836. **Ivaniuta LI, Sol'skii IaP:** Pokazateli nekotorykh éndokrinnykh funktsii u bol'nykh s dobrokachestvennymi opukholiami.
Vrach Delo 12:34-6, Dec 67 (Rus)
ENGLISH ABSTRACT/ *ESTROGENS, biosynthesis/ FEMALE/ HUMAN/ *LEIOMYOMA, metabolism/ *PREGNANEDIOL, biosynthesis/ *UTERINE NEOPLASMS, metabolism

1837. **Ivannikov AT:** Vliianie sochetannogo primeneniia diakarba i dvuuglekislogo natriia na vyvedenie urana pri raznykh putiakh ego postupleniia v organizm.
Med Radiol (Moskva) 12:63-4, Aug 67 (Rus)
*ACETAZOLAMIDE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BICARBONATES, pharmacodynamics/ BONE AND BONES, metabolism/ KIDNEY, metabolism/ LUNG, metabolism/ RATS/ *SODIUM, pharmacodynamics/ *URANIUM, metabolism/ URANIUM, urine

1838. **Ivkov VG, Chaikhova GG:** Svoeobraznaia allergicheskaia reaktsiia pri lechenii prednizolonom.
Vrach Delo 5:140-1, May 67 (Rus)
ADULT/ *ARTHRITIS, RHEUMATOID, drug therapy/ *DRUG HYPERSENSITIVITY/ FEMALE/ HUMAN/ *PREDNISOLONE, adverse effects

1839. **Izawa H, Katada Y, Sakamoto Y, et al:** Rearrangement of steroid-14-ene.
Tetrahedron Lett 34:2947-9, Jul 69
CHEMISTRY/ *STEROIDS

1840. **Izumiya N:** [Chemical synthesis of proteins]
Protein (Tokyo) 14:641-51, Jun 69 (Jap)
AMINO ACIDS/ ANIMAL EXPERIMENTS/ CATTLE/ CORTICOTROPIN/ METHODS/ PEPTIDES/ *PROTEINS, chem synthesis/ VENOMS

J

1841. **Jackson BT, Piasecki GJ:** Fetal secretion of glucocorticoids.
Endocrinology 85:875-80, Nov 69
ADRENAL GLANDS, blood supply/ *ADRENAL GLANDS, secretion/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ *CORTICOSTERONE, secretion/ CORTICOTROPIN, pharmacodynamics/ DOGS/ FEMALE/ *FETUS, physiology/ HYDROCORTISONE, blood/ *HYDROCORTISONE, secretion/ INTUBATION/ ORGAN WEIGHT/ PITUITARY-ADRENAL SYSTEM/ PREGNANCY/ *PREGNANCY, ANIMAL/ SECRETORY RATE/ STIMULATION, CHEMICAL

1842. **Jackson MC:** Experience with sequential and low-dose-progestogen oral contraceptives.
Lancet 2:540-1, 6 Sep 69
ACETATES, administration & dosage/ *CONTRACEPTIVES, ORAL, administration & dosage/ FEMALE/ HUMAN/ MEGESTROL, administration & dosage/ NORETHINDRONE, administration & dosage/ NORETHYNODREL, administration & dosage/ *PROGESTATIONAL HORMONES, administration & dosage/ PROGESTATIONAL HORMONES, adverse effects

1843. **Jacob M, Forbes RM:** Effects of magnesium deficiency, dietary sulfate and thyroxine treatment on kidney calcification and tissue protein-bound carbohydrate in the rat.
J Nutr 99:51-7, Sep 69
ANIMAL EXPERIMENTS/ BLOOD PROTEINS/ BONE AND BONES, metabolism/ *CARBOHYDRATES, metabolism/ DIET/ GLYCOPROTEINS, blood/ GLYCOPROTEINS, urine/ HEXOSAMINES, metabolism/ HEXOSES, metabolism/ INJECTIONS, INTRAPERITONEAL/ *KIDNEY CALCULI, etiology/ LIVER, metabolism/ *MAGNESIUM DEFICIENCY, complications/ MALE/ RATS/ *SULFATES, therapeutic use/ SULFUR, urine/ SULFUR ISOTOPES/ *THYROXINE, therapeutic use

1844. **Jacobs DR:** Natriuretic activity of 16-alpha-hydroxyprogesterone in man.
Acta Endocr (Kobenhavn) 61:275-82, Jun 69
ADRENAL GLAND HYPOFUNCTION, physiopathology/ BRAIN NEOPLASMS, complications/ CHLORIDES, blood/ CHLORIDES, urine/ FEMALE/ GLOMERULAR FILTRATION RATE/ HUMAN/ *HYDROXYPROGESTERONE, pharmacodynamics/ HYPOPITUITARISM, etiology/ *KIDNEY, drug effects/ MALE/ MENINGIOMA, complications/ *NATRIURESIS, drug effects/ POTASSIUM, blood/ POTASSIUM, urine/ SODIUM, blood/ SODIUM, urine

1845. **Jacobs HS, Nabarro JD:** Plasma 11-hydroxycorticosteroid and growth hormone levels in acute medical illnesses.
Brit Med J 2:595-8, 7 Jun 69
ADULT/ AGED/ CEREBROVASCULAR DISORDERS, blood/ DIABETES MELLITUS, blood/ DIABETIC COMA, blood/ FEMALE/ *GLUCOCORTICOIDS, blood/ HUMAN/ HYPOTENSION, blood/ INFECTION, blood/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, blood/ POISONING, blood/ *SOMATOTROPIN, blood

1846. **Jaffe RB, Lee PA, Midgley AR Jr:** Serum gonadotropins before, at the inception of, and following human pregnancy.
J Clin Endocr 29:1281-3, Sep 69
ADULT/ FEMALE/ *FSH, blood/ FSH, secretion/ *GONADOTROPINS, CHORIONIC, blood/ HUMAN/ *LH, blood/ LH, secretion/ MENSTRUATION/ *PREGNANCY/ PUERPERIUM/ RADIOIMMUNOASSAY

1847. **Jaffiol C:** Le nodule thyroïdien: problèmes diagnostiques et thérapeutiques.
Sem Hop Paris 45:2031-2, 20 Jun 69 (Fre)
CYSTS, diagnosis/ HUMAN/ IODINE ISOTOPES, therapeutic use/ RADIOISOTOPE SCANNING/ *THYROID DISEASES/ THYROID GLAND/ THYROID NEOPLASMS/ THYROID NEOPLASMS, diagnosis/ THYROID NEOPLASMS, therapy/ THYROTROPIN, diagnostic use/ TRIIODOTHYRONINE, therapeutic use

1848. **Jaffiol C, Baldet L, Khalil R, et al:** Goitre congénital dans une même fratrie. Etude clinique, biologique, isotopique.
Rev Franc Endocr Clin 10:57-65, Jan-Feb 69 (Fre)
CHROMATOGRAPHY, PAPER/ FEMUR, abnormalities/ GOITER, complications/ *GOITER, congenital/ HIP, radiography/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ IODOTYROSINE, metabolism/ KNEE, radiography/ MALE/ METABOLISM, INBORN ERRORS/ MIDDLE AGE/ MYXEDEMA, complications/ RADIOISOTOPE SCANNING/ THYROID GLAND, enzymology/ THYROID HORMONES, therapeutic use

1849. **Jaffiol C, Blayac G, Badach L, et al:** Dosage de l'iode hormonal plasmatique par automation: méthodologie-étude expérimentale application clinique.
Rev Franc Endocr Clin 10:7-30, Jan-Feb 69 (Fre)
ADENOMA, blood/ ADULT/ AUTOANALYSIS/ BLOOD CHEMICAL ANALYSIS/ CHEMISTRY, CLINICAL/ CHOLANGIOGRAPHY/ CHOLECYSTOGRAPHY/ DIABETES MELLITUS, blood/ DIIODOTYROSINE, blood/ GOITER, EXOPHTHALMIC, blood/ HUMAN/ *IODINE, blood/ IODIPAMIDE, diagnostic use/ ION EXCHANGE RESINS/ KIDNEY DISEASES, blood/ LIVER DISEASES, blood/ METHODS/ MIDDLE AGE/ MYXEDEMA, blood/ SERUM ALBUMIN, RADIO-IODINATED/ *THYROID HORMONES, blood/ THYROID NEOPLASMS, blood/ THYROXINE, blood/ UROGRAPHY

1850. **Jaffiol C, Khalil R, Pastorello R, et al:** Goitre sporadique tardif de l'adulte, avec déficit enzymatique en deshalogénase. Etude clinique, biochemique, isotopique.
Rev Franc Endocr Clin 10:67-71, Jan-Feb 69 (Fre)
DIIODOTYROSINE, metabolism/ *GOITER/ GOITER, metabolism/ GOITER, occurrence/ HUMAN/ *IODINE, metabolism/ IODINE ISOTOPES, DIAGNOSTIC/ IODOTYROSINE, urine/ MALE/ *METABOLISM, INBORN ERRORS/ MIDDLE AGE/ PSYCHOPHYSIOLOGIC DISORDERS/ SHOCK, complications/ STRESS, PSYCHOLOGIC, complications

1851. **Jaffiol C, Pastorello R, Baldet L, et al:** Etude comparée de la courbe de captation thyroidienne de l'iode radio-actif et de l'iode hormonal marqué, lors de l'épreuve de freinage a la triiodothyronine (test de werner) a propos de 100 tests.
Rev Franc Endocr Clin 10:31-56, Jan-Feb 69 (Fre)
ADULT/ AGED/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ HYPERTHYROIDISM, diagnosis/ *IODINE, metabolism/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ MIDDLE AGE/ PROGNOSIS/ *THYROID GLAND, metabolism/ *THYROID GLAND FUNCTION TESTS/ *TRIIODOTHYRONINE, diagnostic use

1852. **Jagiello GM:** Inhibition of reduction in female mouse meiosis. Experientia 25:695-6, 1969
ANIMAL EXPERIMENTS/ CHROMOSOMES/ COLCHICINE, pharmacodynamics/ CYTOGENETICS/ FEMALE/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ GONADOTROPINS, EQUINE, pharmacodynamics/ IN VITRO/ *MEIOSIS, drug effects/ METHODS/ MICE/ OVUM/ VINCRISTINE, pharmacodynamics

1853. **Jaim-Etcheverry G, Zieher LM:** Selective demonstration of a type of synaptic vesicle by phosphotungstic acid staining.
J Cell Biol 42:855-60, Sep 69
ALCOHOL, ETHYL/ ANIMAL EXPERIMENTS/ MICROSCOPY, ELECTRON/ *NERVE ENDINGS/ ORGANOIDS/ *PHOSPHOTUNGSTIC ACID/ PINEAL BODY, innervation/ RATS/ *STAINS AND STAINING/ *SYNAPSES/ VAS DEFERENS, innervation

1854. **Jaisle F:** Die Wehenauslösung durch Lipide. 3. Die Ursachen der Wehenauslösung durch Fettsäuren.
Geburtsh Frauenheilk 29:640-7, Jul 69 (Ger)
ANIMAL EXPERIMENTS/ ARACHIDONIC ACID, pharmacodynamics/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ *FATTY ACIDS, pharmacodynamics/ FEMALE/ GESTATIONAL AGE/ *LABOR, drug effects/ LINOLEIC ACID, pharmacodynamics/ LIPIDS, pharmacodynamics/ OLEIC ACID, pharmacodynamics/ OXYTOCIN, pharmacodynamics/ PALMITIC ACID, pharmacodynamics/ PHOSPHOLIPIDS, pharmacodynamics/ PREGNANCY/ RABBITS/ STEARIC ACID, pharmacodynamics

1855. **Jakobson T, Kahanpää A, Mäenpää VJ:** Prednisone-glucose tolerance and serum lipids in survivors of myocardial infarction.
Acta Med Scand 184:451-7, Nov 68
ADULT/ AGED/ CHOLESTEROL, blood/ DIABETES MELLITUS, etiology/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ *GLUCOSE, metabolism/ GLUCOSE TOLERANCE TEST/ HUMAN/ *LIPIDS, blood/ MALE/ MIDDLE AGE/ MYOCARDIAL INFARCT, complications/ *MYOCARDIAL INFARCT, metabolism/ PREDNISONE, diagnostic use/ TRIGLYCERIDES, blood

1856. **Jakowicki J, Grześ A:** Przemiana 14C-4-estradiolu-17beat do 14C-4-estronu w jajnikach kobiet w przebiegu cyklu płciowego.
Ginek Pol 40:669-75, Jun 69 (Pol)
CARBON ISOTOPES/ *CORPUS LUTEUM, analysis/ ENGLISH ABSTRACT/ ESTRADIOL, analysis/ *ESTRADIOL, metabolism/ ESTRONE, analysis/ *ESTRONE, biosynthesis/ FEMALE/ HUMAN/ NAD, analysis/ NADP, analysis/ OVARY, enzymology/ *OVARY, metabolism/ *OVULATION/ OXIDOREDUCTASES, analysis/ OXIDOREDUCTASES, metabolism/ VAGINAL SMEARS

1857. **Jakubowska T, Graczykowska-Koczorowska, Zienkiewicz H:** Badania psychologiczne w zespole Turnera. Psychiat Pol 3:311-8, May-Jun 69 (Pol)
ADOLESCENCE/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *INTELLIGENCE/ INTELLIGENCE TESTS/ *PERSONALITY/ PERSONALITY DISORDERS/ PSYCHOLOGICAL TESTS/ *TURNER'S SYNDROME

1858. **Jan F, Jacotot B, Beaumont JL:** Phénomène thrombo-hémorragique déclenché par la nicotine.
Path Biol (Paris) 17:501-4, May 69 (Fre)
ANIMAL EXPERIMENTS/ CARRAGEENAN/ ENGLISH ABSTRACT/ EPINEPHRINE, physiology/ *HEMORRHAGE, chemically induced/ MALE/ NECROSIS/ *NICOTINE/ NOREPINEPHRINE, physiology/ RATS/ SEROTONIN/ *THROMBOSIS, chemically induced

1859. **Jančić MS, Pendić S, Stefanović S:** Uspešno lečenje aplastične anemije testosteronm.
Srpski Arh Celok Lek 96:1027-32, Oct 68 (Ser)
*ANEMIA, APLASTIC, drug therapy/ FEMALE/ HUMAN/ MIDDLE AGE/ *TESTOSTERONE, administration & dosage

1860. **Janikoun SH:** Tumour of bone, testis and breast: reticulum cell sarcoma.
Proc Roy Soc Med 62:531-4, Jun 69
ADULT/ *BONE NEOPLASMS, radiography/ *BREAST NEOPLASMS, pathology/ BREAST NEOPLASMS, surgery/ CASTRATION/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ HUMERUS, radiography/ MALE/ *SARCOMA, RETICULUM CELL, pathology/ *TESTICULAR NEOPLASMS, pathology/ TESTICULAR NEOPLASMS, surgery/ TIBIA, radiography

1861. **Janke D:** Beitrag zum Krankheitsbild der Osteogenesis imperfecta.
Beitr Orthop Trauma 15:634-5, Oct 68 (Ger)
BLOOD PROTEIN ELECTROPHORESIS/ CHILD/ FEMALE/ HUMAN/ INFANT/ MALE/ *OSTEOGENESIS IMPERFECTA, blood

1862. **Jänne O, Vihko R:** Monosulfates of 16-oxygenated ketonic C19 steroids in adult human urine.
Steroids 14:235-50, Sep 69
ADULT/ *ANDROSTERONE, urine/ CHOLANES, urine/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ FEMALE/ HUMAN/ 17-KETOSTEROIDS, urine/ MALE/ METHODS/ SPECTRUM ANALYSIS/ SULFATES, urine

1863. **Jansa P, Bílek O:** Erhöhung der Perosydaseaktivität bei Proliferationen des RES.
Folia Haemat (Leipzig) 91:406-9, 1969 (Ger)
ANIMAL EXPERIMENTS/ CHOLINE, pharmacodynamics/ ENGLISH ABSTRACT/ ENZYMES, blood/ ESTRADIOL, pharmacodynamics/ LIVER, enzymology/ *PEROXIDASES/ POLYVINYLPYRROLIDONE, pharmacodynamics/ RATS/ RETICULOENDOTHELIAL SYSTEM, drug effects/ *RETICULOENDOTHELIAL SYSTEM, enzymology/ SPLEEN, enzymology/ TRYPAN BLUE, pharmacodynamics

1864. **Jansen GR, Hutchison CF:** Production of hypothalamic obesity by microsurgery.
Amer J Physiol 217:487-93, Aug 69
ANIMAL EXPERIMENTS/ BODY WEIGHT/ BRAIN, pathology/ ELECTROSURGERY/ FEEDING BEHAVIOR/ *HYPOTHALAMUS, physiology/ MALE/ METHODS/ *OBESITY/ RATS

1865. **Januszkiewicz-Grabias A:** Zagadnienie współistnienia encefalopatii i schizofrenii.
Psychiat Pol 3:281-8, May-Jun 69 (Pol)
ADOLESCENCE/ ASPHYXIA NEONATORUM,

complications/ BIRTH INJURY, complications/ *BRAIN DAMAGE, CHRONIC, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ PSYCHOSES, INVOLUTIONAL, complications/ PUBERTY/ *SCHIZOPHRENIA, complications

1866. **Jarpa A, Donoso J, Medina M:** Inhibición hormonal de la espermiogénesis en el hombre.
Rev Med Chile 95:495-500, Sep 67 (Spa)
ENGLISH ABSTRACT/ HUMAN/ MALE/ *MEDROXYPROGESTERONE, pharmacodynamics/ *SPERMATOZOA, drug effects/ *TESTOSTERONE, pharmacodynamics/ TIME FACTORS

1867. **Jarvis JF, Maytham DV:** Facial palsy: a medical emergency. S Afr Med J 43:810-1, 28 Jun 69
ADULT/ CHOLESTEATOMA, complications/ *CORTICOTROPIN, therapeutic use/ FACIAL PARALYSIS, etiology/ *FACIAL PARALYSIS, therapy/ FEMALE/ HUMAN/ MALE/ OTITIS MEDIA, complications/ PROGNOSIS

1868. **Jasonni V:** Il condrosarcoma primitivo della tiroide.
Arch Ital Anat Istol Pat 42:328-58, 1968 (Ita)
ADULT/ *CHONDROSARCOMA/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MIDDLE AGE/ *THYROID NEOPLASMS

1869. **Jaster H:** Klinische Aspekte zur katarrhalischen Form der peripheren Fazialisparese.
Z Aerztl Fortbild (Jena) 63:497-9, 1 May 69 (Ger)
ADULT/ AGE FACTORS/ AGED/ *FACIAL PARALYSIS/ FACIAL PARALYSIS, etiology/ FACIAL PARALYSIS, therapy/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PHYSICAL THERAPY/ PREDNISONE, therapeutic use/ PROGNOSIS/ RESPIRATORY TRACT INFECTIONS, complications/ SALICYLAMIDES, therapeutic use/ VITAMIN B COMPLEX, therapeutic use

1870. **Jayne EP:** Atrophy and hyperplasia in the adrenal medulla. Geriatrics 24:115-9, Sep 69
ADRENAL GLAND DISEASES, pathology/ ADRENAL MEDULLA, cytology/ *ADRENAL MEDULLA, pathology/ AGE FACTORS/ ANIMAL EXPERIMENTS/ ATROPHY, pathology/ CHROMAFFIN SYSTEM, cytology/ CHROMAFFIN SYSTEM, pathology/ HYPERPLASIA, pathology/ MALE/ RATS/ SPECIES SPECIFICITY

1871. **Jean C, Delost P:** Action de l'hormone somatotrope sur l'embryogenèse mammaire de la souris.
J Physiol (Paris) 60:Suppl 2:471, 1968 (Fre)
ABNORMALITIES, DRUG-INDUCED/ ANIMAL EXPERIMENTS/ FEMALE/ MALE/ *MAMMAE, embryology/ MICE/ PREGNANCY/ *SOMATOTROPIN, pharmacodynamics

1872. **Jeffcoate TN:** Pelvic pain. Brit Med J 3:431-5, 23 Aug 69
ADULT/ COLONIC DISEASES, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ DYSMENORRHEA, diagnosis/ DYSPAREUNIA, etiology/ ENDOMETRIOSIS, diagnosis/ FEMALE/ *GYNECOLOGIC DISEASES/ HUMAN/ NEURALGIA, diagnosis/ OVARIAN NEOPLASMS, diagnosis/ OVULATION/ *PAIN, etiology/ *PELVIS/ PREGNANCY/ UTERUS, abnormalities/ VAGINA

1873. **Jeffcott LB, Atherton JG, Mingay J:** Equine pregnancy diagnosis. A comparison of two methods for the detection of gonadotrophin in serum.
Vet Rec 84:80-3, 25 Jan 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ COMPARATIVE STUDY/ FEMALE/ GONADOTROPINS, EQUINE, blood/ HEMAGGLUTINATION INHIBITION TESTS/ *HORSES/ MICE/ *PREGNANCY, ANIMAL/ *PREGNANCY TESTS, veterinary

1874. **Jelínek V, Režábek K:** Effect of cytostatics on the uterotrophic action of estrogens.
Neoplasma (Bratisl) 16:133-6, 1969
AMINOPTERIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ANTINEOPLASTIC AGENTS, pharmacodynamics/ AZAURACIL, pharmacodynamics/ BENZOATES, pharmacodynamics/ BUSULFAN, pharmacodynamics/ CASTRATION/ COLCHICINE, pharmacodynamics/ CYCLOPHOSPHAMIDE, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ *ESTRADIOL, pharmacodynamics/ FEMALE/ MERCAPTOPURINE, pharmacodynamics/ PYRIMIDINES, pharmacodynamics/ RATS/ *UTERUS, growth & development

1875. **Jelinek VM, Garson OM:** A case of adult male pseudohermaphroditism: the problems of diagnosis and treatment. Med J Aust 2:150-3, 19 Jul 69
ADULT/ ANDROGENS, therapeutic use/ DIABETES MELLITUS, drug therapy/ DIAGNOSIS, DIFFERENTIAL/ EDEMA, complications/ ESTROGENS, urine/ FECES, analysis/ GONADOTROPINS, urine/ *HERMAPHRODITISM, diagnosis/ *HERMAPHRODITISM, therapy/ HUMAN/ KARYOTYPING/ 17-KETOSTEROIDS, urine/ LAPAROTOMY/ LEG ULCER, therapy/ MALE/ SEX CHROMOSOMES/ TESTOSTERONE, blood

1876. **Jenkins CO, Ferriman D:** Pregnancy following clomiphene and chorionic gonadotrophin.
Proc Roy Soc Med 62:707, 7 Jul 69
ADULT/ CLOMIPHENE, administration & dosage/ DRUG SYNERGISM/ FEMALE/ GONADOTROPINS, CHORIONIC, administration & dosage/ HUMAN/ MALE/ OVULATION/ PREGNANCY/ *STERILITY, FEMALE

1877. **Jenkins CO, Ferriman D:** Pregnancy following clomiphene and chorionic gonadotrophin.
Proc Roy Soc Med 62:707, 7 Jul 69
ADULT/ *CLOMIPHENE, administration & dosage/ DRUG SYNERGISM/ FEMALE/ *GONADOTROPINS, CHORIONIC, administration & dosage/ HUMAN/ MALE/ OVULATION/ PREGNANCY/ *STERILITY, FEMALE, drug therapy

1878. **Jenkins JS, Kemp NH:** Metabolism of cortisol by human leukemic cells. J Clin Endocr 29:1217-21, Sep 69
CARBON ISOTOPES/ CHROMATOGRAPHY, PAPER/ HUMAN/ HYDROCORTISONE, blood/ *HYDROCORTISONE, metabolism/ *LEUKEMIA, LYMPHOCYTIC, metabolism/ *LEUKEMIA, MYELOCYTIC, metabolism/ *LEUKOCYTES, metabolism/ LYMPHOCYTE TRANSFORMATION/ NADP, metabolism/ PREGNANETRIOL, blood/ RADIOAUTOGRAPHY

1879. **Jenkins ME, Rivarola MA, Brusilow SW, et al:** Excretion of 4-14C-cortisol and 1,2-3H-D-aldosterone in human thermal sweat.
J Clin Endocr 29:1102-6, Aug 69
ADULT/ *ALDOSTERONE, metabolism/ ALDOSTERONE, secretion/ CARBON ISOTOPES/ CHROMATOGRAPHY, PAPER/ CORTISONE, blood/ CYSTIC FIBROSIS, metabolism/ HUMAN/ HYDROCORTISONE, blood/ *HYDROCORTISONE, metabolism/ MALE/ SECRETORY RATE/ *SWEAT/ SWEAT, analysis/ TRITIUM

1880. **Jeske W:** Prostaglandyny i ich rola w układzie rozrodczym. Ginek Pol 40:935-8, Aug 69 (Pol)
ENGLISH ABSTRACT/ FEMALE/ FERTILIZATION/ *GENITALIA, FEMALE, physiology/ HUMAN/ LABOR/ MENSTRUATION/ PREGNANCY/ *PROSTAGLANDINS, physiology

1881. **Jesserer H:** Problemas de la osteoporosis.
Folia Clin Int (Barc) 17:527-34, Nov 69 (Spa)
CALCIUM, metabolism/ HUMAN/ *OSTEOPOROSIS/ OSTEOPOROSIS, classification/ OSTEOPOROSIS, etiology/ OSTEOPOROSIS, metabolism/ OSTEOPOROSIS, pathology

1882. **Jirsáková A, Holuša R:** The induction of cleft palate by cortisone in several inbred strains of mice.
Acta Chir Plast (Praha) 11:85-95, 1969
*ABNORMALITIES, DRUG-INDUCED/

AMNIOTIC FLUID, analysis/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ *CLEFT LIP, chemically induced/ *CLEFT PALATE, chemically induced/ *CORTISONE, pharmacodynamics/ INBREEDING/ MICE

1883. **Job JC, Mugnier A:** Factueurs endocrininens du développement dentaire.
Rev Franc Odontostomat 16:625-34, May 69 (Fre)
ADRENAL CORTEX HORMONES, physiology/ BONE AND BONES, growth & development/ *ENDOCRINE DISEASES, complications/ HUMAN/ *ODONTOGENESIS/ SEX HORMONES, physiology/ SOMATOTROPIN, physiology/ THYROID HORMONES, physiology/ TOOTH ERUPTION

1884. **Jochweds B, Keydana-Jędrzejewska B:** Zespół płucno-opłucnowo-osierdziowy w przebiegu nadczynności tarczycy.
Pol Tyg Lek 24:685-6, 5 May 69 (Pol)
ADULT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYDROCORTISONE, therapeutic use/ *HYPERTHYROIDISM, complications/ *LUNG DISEASES, complications/ *PLEURAL EFFUSION, complications

1885. **Johansson ED, Gemzell C:** The relation between plasma progesterone and total urinary oestrogens following induction of ovulation in women.
Acta Endocr (Kobenhavn) 62:89-97, Sep 69
AMENORRHEA, drug therapy/ *ESTROGENS, urine/ FEMALE/ GONADOTROPINS, CHORIONIC, therapeutic use/ HUMAN/ *OVULATION/ PREGNANCY/ *PROGESTERONE, blood/ TIME FACTORS

1886. **Johansson ED, Wide L:** Periovulatory levels of plasma progesterone and luteinizing hormone in women.
Acta Endocr (Kobenhavn) 62:82-8, Sep 69
ADULT/ BODY TEMPERATURE/ CHROMATOGRAPHY, THIN LAYER/ FEMALE/ HUMAN/ *LH, blood/ MENSTRUATION/ *OVULATION/ *PROGESTERONE, blood/ RADIOIMMUNOASSAY/ TIME FACTORS

1887. **Johns WF:** 3-deoxy-16-haloestra-1,3,5(10)-trienes.
J Med Chem 12:885-8, Sep 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BIRDS/ CHEMISTRY/ CHOLESTEROL, blood/ ESTRANES, analysis/ *ESTRANES, chem synthesis/. ESTROGENS, metabolism/ FEMALE/ LIPIDS, metabolism/ MICE/ PHOSPHOLIPIDS, blood/ UTERUS, drug effects

1888. **Johnson BC, Kennedy M, Chiba N:** Vitamin A and nuclear RNA synthesis.
Amer J Clin Nutr 22:1048-58, Aug 69
ANIMAL EXPERIMENTS/ *CELL NUCLEUS, metabolism/ DIET/ HYDROCORTISONE, pharmacodynamics/ *INTESTINAL MUCOSA, metabolism/ *LIVER, metabolism/ MALE/ METHODS/ RATS/ *RNA, biosynthesis/ RNA, isolation & purification/ STIMULATION, CHEMICAL/ TIME FACTORS/ TRITIUM/ URIDINE, metabolism/ *VITAMIN A, pharmacodynamics/ *VITAMIN A DEFICIENCY, metabolism

1889. **Johnson DC, Naqvi RH:** A positive feedback action of androgen on pituitary follicle stimulating hormone: induction of a cyclic phenomenon.
Endocrinology 85:881-5, Nov 69
*ANDROGENS, physiology/ ANIMAL EXPERIMENTS/ *CIRCADIAN RHYTHM/ *ESTRADIOL, pharmacodynamics/ FEEDBACK/ FEMALE/ FSH, biosynthesis/ FSH, blood/ *FSH, metabolism/ IMMUNE SERUMS, pharmacodynamics/ ORGAN WEIGHT/ OVARY, drug effects/ PITUITARY GLAND, drug effects/ *PITUITARY GLAND, metabolism/ PREGNANES, pharmacodynamics/ RATS/ STIMULATION, CHEMICAL/ *TESTOSTERONE, pharmacodynamics

1890. **Johnson ES, Roberts MH, Straughan DW:** The influence of rate of neuronal firing on the time-course of drug responses. J Physiol (London) 203:78P, Jul 69
*ACETYLCHOLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CATECHOLAMINES, pharmacodynamics/ CATS/ CEREBRAL CORTEX, physiology/ CHEMORECEPTORS/ *NEURONS, physiology/ *SEROTONIN, pharmacodynamics/ STIMULATION, CHEMICAL/ TIME FACTORS

1891. **Johnson GA, Boukma SJ, Kim EG:** Inhibition of dopamine beta-hydroxylase by aromatic and alkyl thioureas. J Pharmacol Exp Ther 168:229-34, Aug 69
ANIMAL EXPERIMENTS/ BRAIN CHEMISTRY/ DISULFIRAM, pharmacodynamics/ DOPAMINE, analysis/ *HYDROXYLASES, antagonists & inhibitors/ IN VITRO/ MICE/ NOREPINEPHRINE, analysis/ RATS/ THIOUREA, administration & dosage/ *THIOUREA, pharmacodynamics/ TYRAMINE, metabolism

1892. **Johnson GA, Lahti RA, Lemke TL, et al:** Effect of alpha-methyl-5-hydroxytryptophan ethyl ester upon tissue norepinephrine levels in rats and mice.
Biochem Pharmacol 18:1593-600, Jul 69
ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ BRAIN, enzymology/ BRAIN CHEMISTRY/ ESTERS, pharmacodynamics/ HYDROXYLASES, analysis/ HYDROXYLASES, metabolism/ HYDROXYTRYPTOPHAN, administration & dosage/ HYDROXYTRYPTOPHAN, analysis/ *HYDROXYTRYPTOPHAN, pharmacodynamics/ MICE/ MYOCARDIUM, analysis/ *NOREPINEPHRINE, analysis/ NOREPINEPHRINE, metabolism/ RATS/ TIME FACTORS/ TYROSINE, analysis/ TYROSINE, metabolism

1893. **Johnson MH:** The effect of cadmium chloride on the blood-testis barrier of the guinea-pig.
J Reprod Fertil 19:551-3, Aug 69
ACRIDINES/ ANIMAL EXPERIMENTS/ *CADMIUM, pharmacodynamics/ CAPILLARY PERMEABILITY, drug effects/ GUINEA PIGS/ MALE/ TESTIS, anatomy & histology/ TESTIS, blood supply/ *TESTIS, drug effects/ TESTIS, pathology

1894. **Johnson ML, Colley EW:** Listeria monocytogenes encephalitis associated with corticosteroid therapy.
J Clin Path 22:465-9, Jul 69
AGED/ AGGLUTINATION TESTS/ AMPICILLIN, adverse effects/ *ENCEPHALITIS, etiology/ FEMALE/ HUMAN/ *LISTERIA INFECTIONS, complications/ LISTERIA INFECTIONS, drug therapy/ *PREDNISONE, adverse effects/ SEPTICEMIA, etiology/ TETRACYCLINE, adverse effects/ VASCULAR DISEASES, drug therapy

1895. **Joke T:** Prolactin release in response to milking stimulus in the cow and goat estimated by radioimmunoassay. Endocr Jap 16:179-85, Feb 69
ANIMAL EXPERIMENTS/ CATTLE/ FEMALE/ GOATS/ GUINEA PIGS/ IODINE ISOTOPES/ *LACTATION/ *MAMMAE, physiology/ PITUITARY GLAND/ PROLACTIN, blood/ *PROLACTIN, secretion/ *RADIOIMMUNOASSAY/ SOMATOTROPIN/ TIME FACTORS

1896. **Jonas WE:** The distribution and properties of IgM in some body fluids of sheep. Res Vet Sci 10:83-92, Jan 69
ANIMAL EXPERIMENTS/ ANTIBODIES/ BLOOD PROTEIN ELECTROPHORESIS/ *BODY FLUIDS, analysis/ COLOSTRUM, analysis/ FEMALE/ *GAMMA GLOBULIN, 19S, analysis/ GEL FILTRATION/ GRAAFIAN FOLLICLE, analysis/ HEAT/ IMMUNOELECTROPHORESIS/ PERICARDIUM, analysis/ RESPIRATORY SYSTEM, analysis/ *SHEEP/ SYNOVIAL FLUID, analysis

1897. **Jonek J, Konecki J, Kochańska D:** Wpływ estrogenów na aktywność mitotyczną i syntezę DNA w nadnerczu myszy kastrowanych. Ginek Pol 40:865-7, Aug 69 (Pol)
ADRENAL GLANDS, cytology/ *ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/

CASTRATION/ DNA, biosynthesis/ ENGLISH ABSTRACT/ *ESTROGENS, pharmacodynamics/ MICE/ MITOSIS, drug effects/ RADIOAUTOGRAPHY

1898. **Jonek J, Turzański L, Trzeciak H:** Zmiany histochemiczne w korze nadnerczy szczurów w doświadczalnej tyreotoksykozie.
Endokr Pol 20:331-41, 1969 **(Pol)**
ACID PHOSPHATASE, analysis/ ADENOSINE TRIPHOSPHATE, analysis/ *ADRENAL GLANDS, pathology/ ALKALINE PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ HISTOCYTOCHEMISTRY/ *HYPERTHYROIDISM, pathology/ LACTATE DEHYDROGENASE, analysis/ RATS/ SUCCINATE DEHYDROGENASE, analysis

1899. **Jones B, Bobillier P, Buguet A, et al:** Les neurones contenant des monoamines du tronc cérébral du chat. II. Etude biochimique et neurophysiologique.
J Physiol (Paris) 60:Suppl 2:473, 1968 **(Fre)**
ANIMAL EXPERIMENTS/ *BRAIN STEM, cytology/ CATS/ *DOPAMINE, metabolism/ MESENCEPHALON, metabolism/ *NEURONS, metabolism/ *NOREPINEPHRINE, metabolism/ *SEROTONIN, metabolism/ SLEEP/ SLEEP, REM/ SUBSTANTIA NIGRA, metabolism/ WAKEFULNESS

1900. **Jones BE, Bobillier P, Jouvet M:** Effets de la destruction des neurones contenant des catécholamines du mésencéphale sur le cycle veille0sommeils du chat.
C R Soc Biol (Paris) 163:176-80, 1969 **(Fre)**
ANIMAL EXPERIMENTS/ *BRAIN CHEMISTRY/ *CATECHOLAMINES, physiology/ CATS/ CIRCADIAN RHYTHM/ COMA/ DOPAMINE, physiology/ ELECTROCOAGULATION/ ELECTROENCEPHALOGRAPHY/ *MESENCEPHALON, physiology/ NEURONS, physiology/ NOREPINEPHRINE, physiology/ SEROTONIN, physiology/ *SLEEP/ SLEEP, REM/ SPECTROPHOTOMETRY/ STATISTICS/ SUBSTANTIA NIGRA, physiology

1901. **Jones RE:** Hormonal control of incubation patch development in the California quail Lophortyx californicus. Gen Comp Endocr 13:1-13, Aug 69
ABDOMEN/ ANIMAL EXPERIMENTS/ *BIRDS, physiology/ BODY TEMPERATURE/ DIETHYLSTILBESTROL, pharmacodynamics/ ESTRADIOL, pharmacodynamics/ FEATHERS/ FEMALE/ *HORMONES, physiology/ HYPERPLASIA/ PROGESTERONE, pharmacodynamics/ PROLACTIN, pharmacodynamics/ *REPRODUCTION/ SKIN, anatomy & histology/ SKIN, drug effects/ *SKIN, growth & development/ TESTOSTERONE, pharmacodynamics

1902. **Jönsson G:** Långverkande östriol vid cystouretriter.
Lakartidningen 66:2999-3002, Jul 69 **(Swe)**
ADULT/ *CYSTITIS, drug therapy/ CYSTITIS, pathology/ ENGLISH ABSTRACT/ *ESTRIOL, therapeutic use/ FEMALE/ HUMAN/ MENOPAUSE/ MIDDLE AGE/ *URETHRITIS, drug therapy/ URETHRITIS, pathology

1903. **Jonsson G, Fuxe K, Hamberger B, et al:** 6-hydroxytryptamine--a new tool in monoamine fluorescence histochemistry.
Brain Res 13:190-5, Mar 69
ANIMAL EXPERIMENTS/ CAUDATE NUCLEUS, metabolism/ *CENTRAL NERVOUS SYSTEM, cytology/ CEREBELLUM, metabolism/ CEREBRAL CORTEX, metabolism/ DOPAMINE, metabolism/ GANGLIA, BASAL, metabolism/ HIPPOCAMPUS, metabolism/ HISTOCYTOCHEMISTRY/ HYPOTHALAMUS, metabolism/ MICROSCOPY, FLUORESCENCE/ *NERVE ENDINGS, metabolism/ *NEURONS, metabolism/ NOREPINEPHRINE, metabolism/ RATS/ RESERPINE, pharmacodynamics/ RETICULAR FORMATION, metabolism/ SEROTONIN, metabolism/ *TRYPTAMINES, metabolism

1904. **Joshi UM, Rao SS:** Potentiation by a progrestational agent of liver damage induced by a hepatotoxic agent.
Indian J Exp Biol 7:79-81, Apr 69
ALANINE AMINOTRANSFERASE, blood/ ALANINE AMINOTRANSFERASE, metabolism/ ANIMAL EXPERIMENTS/ CARBON TETRACHLORIDE POISONING/ *CONTRACEPTIVES, ORAL, adverse effects/ DRUG SYNERGISM/ FEMALE/ *LIVER DISEASES, chemically induced/ LIVER DISEASES, enzymology/ LIVER DISEASES, pathology/ RATS

1905. **Jovanović M, Djurdjević D, Sinadinović J, et al:** Effect of large doses of radioiodine on thyroid function. IV. Iodoproteins in blood.
Acta Endocr (Kobenhavn) 60:287-93, Feb 69
ANIMAL EXPERIMENTS/ *BLOOD PROTEINS, radiation effects/ CENTRIFUGATION, DENSITY GRADIENT/ GEL FILTRATION/ IODINE/ IODOPROTEINS, blood/ IODOPROTEINS, radiation effects/ PROTEINS, radiation effects/ RATS/ THYROGLOBULIN, blood/ *THYROGLOBULIN, radiation effects/ *THYROID GLAND, radiation effects

1906. **Jovanović UJ, Tan-eli B:** Penile erections during sleep.
Arzneimittelforschung 19:966-74, Jun 69
ADOLESCENCE/ ADULT/ AMINO ALCOHOLS, therapeutic use/ CAFFEINE, therapeutic use/ ELECTRONICS, MEDICAL/ GLYCEROPHOSPHATES, therapeutic use/ HUMAN/ IMPOTENCE, drug therapy/ *IMPOTENCE, physiopathology/ MALE/ METHODS/ *PENIS, physiology/ PENIS, physiopathology/ *SLEEP/ SLEEP, REM/ TESTOSTERONE, therapeutic use/ TIME FACTORS/ VITAMIN E, therapeutic use/ YOHIMBANS, therapeutic use

1907. **Jovanović V, Atkins L:** Karyotypes of four passerine birds belonging to the families Turdidae, Mimidae, and Corvidae. Chromosoma 26:388-94, 1969
ANIMAL EXPERIMENTS/ *BIRDS/ *CHROMOSOMES/ FEMALE/ KARYOTYPING/ MALE/ SEX CHROMOSOMES

1908. **Jowsey J, Hoye RC, Pak CY, et al:** The treatment of osteoporosis with calcium infusions. Evaluation of bone biopsies. Amer J Med 47:17-22, Jul 69
ADULT/ BIOPSY/ *BONE REGENERATION, drug effects/ *BONE RESORPTION, drug effects/ *CALCIUM, administration & dosage/ CALCIUM, blood/ CALCIUM, metabolism/ GLUCONATES/ HUMAN/ INFUSIONS, PARENTERAL/ INTESTINAL ABSORPTION/ KINETICS/ MALE/ MIDDLE AGE/ *OSTEOPOROSIS, drug therapy/ PARATHYROID HORMONE, secretion/ PHOSPHORUS, blood/ RIBS/ TETRACYCLINE, diagnostic use/ THYROCALCITONIN, secretion

1909. **Jubert Gruart J, Espadaler Medina JM, Balcells Riba M:** Modificaciones en el comportamiento analitico del líquido cefalorraquídeo en el transcurso de las hemorragias subaracnoideas. (Experiencias en el tratamiento procoz con corticosteroides intratecales)
Rev Esp Otoneurooftal 27:193-201, May-Jun 68 (Spa)
*ADRENAL CORTEX HORMONES, therapeutic use/ CEREBRAL HEMORRHAGE, drug therapy/ HUMAN/ INJECTIONS, INTRATHECAL/ *SUBARACHNOID HEMORRHAGE, cerebrospinal fluid

1910. **Juhlin L, Michaëlsson G:** Cutaneous vascular reactions to prostaglandins in healthy subjects and in patients with urticaria and atopic dermatitis.
Acta Dermatovener (Stockholm) 49:251-61, 1969
ADOLESCENCE/ ADULT/ AGED/ BLOOD VESSELS, drug effects/ CAPILLARIES, drug effects/ *DERMATITIS, ATOPIC, immunology/ DRUG SYNERGISM/ ERYTHEMA, chemically induced/ FEMALE/ FLUOCINOLONE ACETONIDE, pharmacodynamics/ HUMAN/ HYPERESTHESIA, chemically induced/ INJECTIONS, INTRADERMAL/ MALE/ MIDDLE AGE/ PROSTAGLANDINS, administration & dosage/ *PROSTAGLANDINS, pharmacodynamics/ SKIN, blood supply/ SKIN DISEASES, immunology/ SKIN MANIFESTATIONS/ SWEATING/

SYMPATHOLYTICS, pharmacodynamics/ *URTICARIA, immunology

1911. **Julou L, Guyonnet JC, Ducrot R, et al:** Propriétés pharmacologiques générales de l'acide métiazinique (16091 R.P)
Arzneimittelforschung 19:1198-206, Aug 69 (Fre)
ABSCESS, prevention & control/ *ACETATES, pharmacodynamics/ ACETATES, toxicity/ ANALGESICS AND ANTIPYRETICS, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTIHISTAMINICS, pharmacodynamics/ ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ ARTHRITIS, prevention & control/ AUTONOMIC NERVOUS SYSTEM, drug effects/ BRADYKININ, antagonists & inhibitors/ CARDIOVASCULAR SYSTEM, drug effects/ CENTRAL NERVOUS SYSTEM, drug effects/ COMPARATIVE STUDY/ DEPRESSION, CHEMICAL/ DIURESIS, drug effects/ DOGS/ EDEMA, prevention & control/ ENGLISH ABSTRACT/ ERYTHEMA, prevention & control/ EXUDATES AND TRANSUDATES/ FEMALE/ GRANULOMA, prevention & control/ GUINEA PIGS/ IN VITRO/ INDOMETHACIN, pharmacodynamics/ MICE/ MUSCLE RELAXANTS, pharmacodynamics/ PERITONITIS, prevention & control/ *PHENOTHIAZINES, pharmacodynamics/ PHENOTHIAZINES, toxicity/ PHENYLBUTAZONE, pharmacodynamics/ PIGEONS/ RABBITS/ RADIATION-PROTECTIVE AGENTS, pharmacodynamics/ RATS/ RESPIRATORY SYSTEM, drug effects/ SEROTONIN, antagonists & inhibitors/ ULTRAVIOLET RAYS

1912. **Jung G:** Stoffwechselvorgänge im Ovar im Hinblick auf Follikelreifung und Ovulation.
Arch Gynaek 207:124-35, 1969 (Ger)
ACID PHOSPHATASE, analysis/ ADENOSINE TRIPHOSPHATASE, analysis/ ADRENAL GLANDS, enzymology/ ALDOLASE, analysis/ ALKALINE PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ CATHEPSIN, analysis/ CATTLE/ CORPUS LUTEUM, enzymology/ FEMALE/ FISHES/ FSH, analysis/ GLUCOSEPHOSPHATE DEHYDROGENASE, analysis/ GLUTAMATE DEHYDROGENASE, analysis/ GONADOTROPINS, PITUITARY, physiology/ *GRAAFIAN FOLLICLE/ GRAAFIAN FOLLICLE, enzymology/ HISTOCYTOCHEMISTRY/ HUMAN/ LACTATE DEHYDROGENASE, analysis/ LEUCINE AMINOPEPTIDASE, analysis/ LH, analysis/ LIVER, enzymology/ MALATE DEHYDROGENASE, analysis/ MALE/ MENSTRUATION/ MUSCLES, enzymology/ NEURAMINIDASE, physiology/ *OVARY, enzymology/ OVARY, metabolism/ *OVULATION/ PEPTIDE HYDROLASES, physiology/ PITUITARY GLAND, enzymology/ PLACENTA, enzymology/ RABBITS/ RATS/ SPLEEN, enzymology/ SWINE/ TESTIS, enzymology/ TYROSINE, analysis

1913. **Jung H, Klöck FK, Mülbert F:** Das Verhalten der neuro-muskulären Erregbarkeit in der Schwangerschaft und zum Zeitpunkt des Geburtseintrittes. Arch Gynaek 207:42-3, 1969 (Ger)
ANIMAL EXPERIMENTS/ FEMALE/ HUMAN/ *LABOR/ *MUSCLES, physiology/ *NEUROPHYSIOLOGY/ NEUROPHYSIOLOGY, drug effects/ OXYTOCIN, pharmacodynamics/ *PREGNANCY/ RABBITS

1914. **Jurkiewicz A, Jurkiewicz NH, Barros GG, et al:** Relative responsiveness (rho) of pharmacological receptor systems in the rat vas deferens.
Pharmacology (Basel) 2:89-99, 1969
ACETYLCHOLINE, administration & dosage/ ANIMAL EXPERIMENTS/ BARIUM, administration & dosage/ EPINEPHRINE, administration & dosage/ HISTAMINE, administration & dosage/ IN VITRO/ MALE/ MUSCLE CONTRACTION, drug effects/ RATS/ *RECEPTORS, DRUG, drug effects/ SEROTONIN, administration & dosage/ *VAS DEFERENS, drug effects

1915. **Just G, Simonovitch C, Lincoln FH, et al:** A synthesis of prostaglandin F1-alpha and related substances.
J Amer Chem Soc 91:5364-71, 10 Sep 69
ALKANES/ ETHERS, CYCLIC/ NUCLEAR MAGNETIC RESONANCE/ *PROSTAGLANDINS, chem synthesis/ SPECTRUM ANALYSIS

K

1916. **Kadaghidze ZG, Chernyakhovskaya IY, Rimalis RT, et al:** Lymphocytes, anti-tumour agents, and target cells.
Lancet 2:698, 27 Sep 69
AGGLUTINATION TESTS/ ANIMAL EXPERIMENTS/ *ANTINEOPLASTIC AGENTS, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ FIBROBLASTS, immunology/ HYDROXYLAMINES, pharmacodynamics/ IMMUNE SERUMS/ IN VITRO/ LYMPHOCYTES, drug effects/ *LYMPHOCYTES, immunology/ METHOTREXATE, pharmacodynamics/ MICE/ MITOMYCIN, pharmacodynamics/ *NEOPLASMS, EXPERIMENTAL, immunology/ PLANT AGGLUTININS, pharmacodynamics/ PREDNISOLONE, pharmacodynamics/ TISSUE CULTURE

1917. **Kageyama R, Matsumoto K, Okuni T:** Lymphadenitis benigna cutis als hormonale retikuläre Hyperplasie.
Hautarzt 19:274-5, Jun 68 (Ger)
ADULT/ CASE REPORT/ *ESTROGENS, urine/ FEMALE/ HUMAN/ *LIP, pathology/ LYMPHADENITIS, etiology/ *LYMPHADENITIS, pathology/ LYMPHADENITIS, urine/ LYMPHOCYTES/ MENSTRUATION/ *SKIN, pathology

1918. **Kahl GF, Magnussen MP, Netter KJ:** Wirkungen von Metyrapon auf den Arzneimittelstoffwechsel und einige andere Funktionen der Leberzelle.
Naunyn Schmiedeberg Arch Pharm 263:225-6, 1969 (Ger)
*ANILINE COMPOUNDS, metabolism/ ANIMAL EXPERIMENTS/ DEPRESSION, CHEMICAL/ HYDROXYLASES, antagonists & inhibitors/ IN VITRO/ LACTATES, metabolism/ LIVER, cytology/ LIVER, drug effects/ *LIVER, metabolism/ *METYRAPONE, pharmacodynamics/ MICROSOMES, drug effects/ *MICROSOMES, metabolism/ *NITROPHENOLS, metabolism/ PERFUSION/ PYRUVATES, metabolism/ RATS

1919. **Kahn PC:** Contrast-vasoconstrictor mixtures in angiography. Amer J Roentgen 105:772-6, Apr 69
ADRENAL GLANDS, radiography/ *ANGIOGRAPHY/ ANIMAL EXPERIMENTS/ AORTA, ABDOMINAL, radiography/ AORTOGRAPHY/ BLOOD PRESSURE, drug effects/ *CONTRAST MEDIA/ DOGS/ *EPINEPHRINE/ IOTHALAMIC ACID/ KIDNEY, radiography/ METHODS/ *NOREPINEPHRINE/ PHTHALIC ACID/ SORBITOL/ TIME FACTORS

1920. **Kaiser H:** ACTH-oder Glucocorticoid-Therapie?
Deutsch Med Wschr 94:1771-2, 29 Aug 69 (Ger)
CORTICOTROPIN, administration & dosage/ CORTICOTROPIN, pharmacodynamics/ CORTICOTROPIN, physiology/ *CORTICOTROPIN, therapeutic use/ *GLUCOCORTICOIDS, therapeutic use/ HUMAN/ HYDROCORTISONE, biosynthesis/ INJECTIONS, INTRAMUSCULAR/ STIMULATION, CHEMICAL/ STRESS

1921. **Kaiser W, Krosch H:** Uber Verlaufsformen und Komplikationen des primären Hyperparathyreoidismus.
Z Ges Inn Med 24:289-97, 15 May 69 (Ger)
ADULT/ ALKALINE PHOSPHATASE, blood/ BONE CYST, etiology/ BONE CYST, radiography/ CALCIUM, blood/ CALCIUM, urine/ ENGLISH ABSTRACT/ FEMALE/ FRACTURES, etiology/ HUMAN/ *HYPERPARATHYROIDISM/

HYPERPARATHYROIDISM, blood/ HYPERPARATHYROIDISM, complications/ HYPERPARATHYROIDISM, diagnosis/ HYPERPARATHYROIDISM, radiography/ HYPERPARATHYROIDISM, urine/ KIDNEY CALCULI, etiology/ MALE/ MIDDLE AGE/ PHOSPHATES, blood/ PHOSPHATES, urine/ STOMACH DISEASES, etiology

1922. **Kaiumov EG, Dmitrieva EN:** O klinike i lechenii bol'nykh diéntsefalo-gipofizarnym nanizmom i subnanizmom.
Probl Endokr (Moskva) 15:57-60, May-Jun 69 **(Rus)**
ADOLESCENCE/ ANABOLIC STEROIDS, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ *DWARFISM, PITUITARY/ DWARFISM, PITUITARY, diagnosis/ DWARFISM, PITUITARY, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiopathology/ INFANT/ MALE

1923. **Kakishita E, Nagai K, Yoshioka Y, et al:** [Postnatal hemolytic anemia presumably after chronic hepatitis]
Acta Haemat Jap 31:1180, Dec 68 **(Jap)**
*ANEMIA, HEMOLYTIC, ACQUIRED, etiology/ CHRONIC DISEASE/ COOMBS' TEST/ *HEPATITIS, complications/ HUMAN/ HYPOTHYROIDISM, complications/ MIDDLE AGE

1924. **Kaku M, Mori N, Miyagawa I:** [Disturbance of sexual function and the adipose tissue in obese women]
Sanfujin Jissai 18:212-8, Mar 69 **(Jap)**
ABORTION, complications/ *ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ ESTROGENS, urine/ FEMALE/ *GYNECOLOGIC DISEASES, complications/ HUMAN/ MENSTRUATION DISORDERS, complications/ MICE/ *OBESITY, complications/ PREGNANCY/ STERILITY, FEMALE, complications

1925. **Kakushkina EA, Razmadze TG:** Prostoi metod opredeleniia androstenolona v moche.
Lab Delo 8:460-4, 1967 **(Rus)**
ADOLESCENCE/ ADRENAL GLAND DISEASES, urine/ ADRENAL GLAND NEOPLASMS, urine/ ADULT/ CHILD/ CHILD, PRESCHOOL/ *DEHYDROEPIANDROSTERONE, urine/ FEMALE/ HUMAN/ MALE/ METHODS/ STEIN-LEVENTHAL SYNDROME, urine

1926. **Kalaida LP:** Nabliudenie seminomy iaichka u bol'nogo s Cryptorchismus Bilateralis.
Klin Khir (Kiev) 2:74, Feb 68 **(Rus)**
ADULT/ CASE REPORT/ *CRYPTORCHISM, complications/ *DISGERMINOMA, complications/ HUMAN/ MALE/ *TESTICULAR NEOPLASMS, complications

1927. **Kallman KD:** Evidence for the existence of transformer genes for sex in the teleost Xiphophorus maculatus. Genetics 60:811-28, Dec 68
ANIMAL EXPERIMENTS/ CROSSES, GENETIC/ FEMALE/ FISHES/ *GENES/ MALE/ *SEX CHROMOSOMES/ *SEX DETERMINATION/ SEX RATIO

1928. **Kalsner S, Nickerson M:** Mechanism of cocaine potentiation of responses to amines.
Brit J Pharmacol 35:428-39, Mar 69
AMINES, metabolism/ *AMINES, pharmacodynamics/ ANIMAL EXPERIMENTS/ AORTA, THORACIC, drug effects/ *COCAINE, pharmacodynamics/ COLD/ DRUG SYNERGISM/ EPINEPHRINE, pharmacodynamics/ HISTAMINE, pharmacodynamics/ IN VITRO/ IPRONIAZID, pharmacodynamics/ METHOXAMINE, pharmacodynamics/ NEURONS, metabolism/ NOREPINEPHRINE, pharmacodynamics/ PHENYLEPHRINE, pharmacodynamics/ PROCAINE, pharmacodynamics/ RABBITS/ RECEPTORS, DRUG, drug effects/ RESERPINE, pharmacodynamics/ SEROTONIN, pharmacodynamics/ TYRAMINE, pharmacodynamics

1929. **Kaltiala EH, Heikkinen ES, Kärki NT:** 5-Hydroxytryptamine of intestine and blood after high intestinal obstruction in rats.
Ann Med Exp Biol Fenn 46:508-10, 1968
ANIMAL EXPERIMENTS/ *INTESTINAL OBSTRUCTION/ *INTESTINES, analysis/ MALE/ ORGAN WEIGHT/ RATS/ *SEROTONIN, analysis/ *SEROTONIN, blood

1930. **Kaluża-Guzikowska E, Grzbiela J, Wieczorkiewicz A:** Przypadek nowotworu złośliwego u dziecka 3-letniego z połowiczym gigantyzmem ciała.
Pediat Pol 44:749-51, Jun 69 **(Pol)**
CHILD, PRESCHOOL/ EXTREMITIES/ *GIGANTISM, complications/ HUMAN/ *KIDNEY NEOPLASMS, complications/ MALE/ *NEPHROBLASTOMA, complications

1931. **Kalyuzhny LV, Nekrasova LI, Zakharova IN:** Changes in electrical and conditioned activity after ablation of the laternal hypothalamus in rabbits.
Electroenceph Clin Neurophysiol 27:325, Sep 69
ANIMAL EXPERIMENTS/ HIPPOCAMPUS, physiology/ *HYPOTHALAMUS, physiology/ MESENCEPHALON, physiology/ MOTOR ACTIVITY/ OSCILLOMETRY/ RABBITS/ *REFLEX, CONDITIONED/ RETICULAR FORMATION, physiology

1932. **Kamal I, Hefnawi F, Ghoneim M, et al:** Clinical, biochemical, and experimental studies on lactation. II. Clinical effects of gestagens on lactation.
Amer J Obstet Gynec 105:324-34, 1 Oct 69
BODY WEIGHT/ BREAST, anatomy & histology/ CONTRACEPTIVES, ORAL, administration & dosage/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ ESTRADIOL, pharmacodynamics/ FEMALE/ GROWTH/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, pharmacodynamics/ *LACTATION, drug effects/ LYNESTRENOL, pharmacodynamics/ MILK, HUMAN/ PREGNANCY/ SOCIAL CLASS/ WEANING

1933. **Kamal I, Hefnawi F, Ghoneim M, et al:** Clinical, biochemical, and experimental sutides on lactation. I. Lactation pattern in Egyptian women.
Amer J Obstet Gynec 105:314-23, 1 Oct 69
CONTRACEPTIVES, ORAL, adverse effects/ EGYPT/ FAMILY PLANNING/ FEMALE/ HUMAN/ INCOME/ INFANT MORTALITY/ *LACTATION/ LACTATION, drug effects/ MATERNAL AGE/ MENSTRUATION/ PARITY/ PREGNANCY/ WEANING

1934. **Kamardin MI:** Siuchai agalaktii u korov posle énukleatsii zheltogo tela.
Veterinariia 44:102, May 67 **(Rus)**
CATTLE/ *CATTLE DISEASES, surgery/ *CORPUS LUTEUM, surgery/ FEMALE/ *LACTATION/ POSTOPERATIVE COMPLICATIONS/ PREGNANCY/ *PUERPERAL DISORDERS, veterinary

1935. **Kambegawa A:** [Fractionation of steroid hormones epinephrine and their metabolites. Androgen (C19-steroid)] Jap J Clin Med 27:593-9, Mar 69 **(Jap)**
*ANDROGENS, analysis/ CHROMATOGRAPHY/ HUMAN/ *17-KETOSTEROIDS, analysis/ METHODS

1936. **Kambegawa A:** [Advances and problems in estrogen measurement]
Clin Endocr (Tokyo) 17:300-9, Apr 69 (75 ref.) **(Jap)**
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CHROMATOGRAPHY/ COLORIMETRY/ ERYTHROCYTES, analysis/ *ESTROGENS, analysis/ ESTROGENS, blood/ ESTROGENS, urine/ FEMALE/ FLUOROMETRY/ HUMAN/ HYDRO-LYASES/ INJECTIONS/ METHODS/ METHYLATION/ MICE/ PREGNANCY/ PROTEIN BINDING/ RADIOISOTOPES/ RADIOMETRY/ REVIEW

1937. **Kamber B, Rittel W:** Thyrocalcitonin. V. Synthese und Charakterisierung des geschützten Aufbaufragments alpha-Thyrocalcitonin-(1-9)-nonapeptid.
Helv Chim Acta 52:1074-81, 1969 **(Ger)**
AMINO ACID SEQUENCE/ *PEPTIDES, chem synthesis/ PEPTIDES, pharmacodynamics/ THYROCALCITONIN, chem synthesis

1938. **Kamberi IA, McCann SM:** Effect of biogenic amines, FSH-releasing factor (FRF) and other substances on the release of FSH by pituitaries incubated in vitro.
Endocrinology 85:815-24, Nov 69
*AMINES, pharmacodynamics/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ *DOPAMINE, pharmacodynamics/ *EPINEPHRINE, pharmacodynamics/ *FSH, secretion/ GONADOTROPINS, CHORIONIC/ *HISTAMINE, pharmacodynamics/ IN VITRO/ MALE/ *NOREPINEPHRINE, pharmacodynamics/ *OXYTOCIN, pharmacodynamics/ PITUITARY GLAND, drug effects/ *PITUITARY GLAND, secretion/ *PITUITARY HORMONE RELEASING FACTORS, pharmacodynamics/ *PROTAMINES, pharmacodynamics/ RATS/ *SEROTONIN, pharmacodynamics/ SHEEP/ *SPERMINE, pharmacodynamics/ STIMULATION, CHEMICAL/ *VASOPRESSIN, pharmacodynamics

1939. **Kamberi IA, Mical RS, Porter JC:** Luteinizing hormone-releasing activity in hypophysial stalk blood and elevation by dopamine.
Science 166:388-90, 17 Oct 69
ANIMAL EXPERIMENTS/ *DOPAMINE, pharmacodynamics/ IN VITRO/ *LH, blood/ MALE/ *PITUITARY GLAND, drug effects/ RATS

1940. **Kammer H, Srinivasan K:** The use of antithyroid drugs in a single daily dose. Treatment of diffuse toxic goiter.
JAMA 209:1325-7, 1 Sep 69
ADOLESCENCE/ ADULT/ AGED/ FEMALE/ *GOITER, EXOPHTHALMIC, drug therapy/ HUMAN/ MALE/ METHIMAZOLE, administration & dosage/ MIDDLE AGE/ *PROPYLTHIOURACIL, administration & dosage/ PROTEIN-BOUND IODINE TEST/ *THYROID ANTAGONISTS, administration & dosage

1941. **Kamoun A, Haberey P:** Demi-vie, taux de clearance métabolique et taux de sécrétion de la corticostérone chez les rattes au cours de la gestation et pendant la lactation.
J Physiol (Paris) 60:Suppl 2:474, 1968 (Fre)
ADRENAL GLANDS, secretion/ ANIMAL EXPERIMENTS/ *CORTICOSTERONE, metabolism/ CORTICOSTERONE, secretion/ FEMALE/ *LACTATION/ MATERNAL-FETAL EXCHANGE/ *PREGNANCY/ RATS

1942. **Kamoun A, Stutinsky F:** Rôle de la surrénale foetale dans láugmentation de la corticosterone plasmatique chez la ratte à la fin de la gentation.
J Physiol (Paris) 60:Suppl 2:475, 1968 (Fre)
*ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *CORTICOSTERONE, blood/ FEMALE/ *FETUS, metabolism/ MATERNAL-FETAL EXCHANGE/ *PREGNANCY/ RATS/ THYMUS GLAND, embryology/ TIME FACTORS

1943. **Kanani SR, Knight R:** Relapsing amoebic colitis of 12 year's standing exacerbated by corticosteroids.
Brit Med J 2:613-4, 7 Jun 69
*ADRENAL CORTEX HORMONES, adverse effects/ ADULT/ *COLITIS, etiology/ *DYSENTERY, AMEBIC, drug therapy/ DYSENTERY, AMEBIC, microbiology/ ENTAMOEBA HISTOLYTICA, isolation & purification/ HUMAN/ MALE

1944. **Kandil E, Bassili F:** Granuloma pyogenicum. Response of a case to intralesional triamcinolone acetonide.
Dermatologica (Basel) 138:477-9, 1969
ADOLESCENCE/ FEMALE/ *GRANULOMA, drug therapy/ HUMAN/ INJECTIONS/ *SKIN DISEASES, drug therapy/ *TRIAMCINOLONE ACETONIDE, administration & dosage

1945. **Kandror MI:** Vliianie udaleniia nadpochechnikov u beremennykh krys na funktsional'noe sostoianie gipofizarno-adrenalovoĭ sistemy ikh potomstva v pervye dni postnatal'noĭ zhizni.
Biull Eksp Biol Med 67:37-40, Mar 69 (Rus)
ADRENAL CORTEX HORMONES, analysis/ ADRENAL GLANDS, analysis/ *ADRENALECTOMY/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ FEMALE/ *PITUITARY-ADRENAL SYSTEM, physiology/ PREGNANCY/ *PREGNANCY, ANIMAL/ RATS/ STRESS, physiopathology

1946. **Kaneko T, Field JB:** A method for determination of 3',5'-cyclic adenosine monophosphate based on adenosine triphosphate formation.
J Lab Clin Med 74:682-90, Oct 69
*ADENINE NUCLEOTIDES, analysis/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, analysis/ *ADENOSINE TRIPHOSPHATE, biosynthesis/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BRAIN, enzymology/ BRAIN CHEMISTRY/ CARBON ISOTOPES/ CHROMATOGRAPHY/ CHROMATOGRAPHY, THIN LAYER/ DOGS/ GLUCOSEPHOSPHATE DEHYDROGENASE/ HEXOKINASE/ INDICATORS AND REAGENTS/ LIVER, analysis/ METHODS/ PHOSPHATASES/ PHOSPHOGLUCONATE DEHYDROGENASE/ PHOSPHOTRANSFERASES/ PYRUVATE KINASE/ RATS/ THYROID GLAND, analysis/ TISSUE EXTRACTS, analysis

1947. **Kanematsu S, Mikami S:** [Synthesis and release of LH, prolactin and TSH in rabbits and birds]
Saishin Igaku 24:1002-6, May 69 (Jap)
ANIMAL EXPERIMENTS/ CHICKENS/ FEEDBACK/ HYPOTHALAMUS, metabolism/ LH, biosynthesis/ *LH, metabolism/ LH, secretion/ MICROSCOPY, ELECTRON/ NEUROSECRETION/ PITUITARY GLAND, metabolism/ PROLACTIN, biosynthesis/ *PROLACTIN, metabolism/ PROLACTIN, secretion/ RABBITS/ THYROTROPIN, biosynthesis/ *THYROTROPIN, metabolism

1948. **Kang AH, Igarashi S, Gross J:** Characterization of the cyanogen bromide peptides from the alpha-2 chain of chick skin collagen.
Biochemistry (Wash) 8:3200-4, Aug 69
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BONE AND BONES/ *BROMINE/ CELLULOSE/ CHEMISTRY/ CHICKENS/ CHROMATOGRAPHY, ION EXCHANGE/ *COLLAGEN/ COLLAGEN, analysis/ *CYANIDES/ DEXTRAN/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ METHIONINE/ METHYLCELLULOSE/ MOLECULAR WEIGHT/ ORGAN SPECIFICITY/ *PEPTIDES/ PEPTIDES, analysis/ PEPTIDES, isolation & purification/ PHOSPHATES/ SKIN

1949. **Kang AH, Piez KA, Gross J:** Characterization of the cyanogen bromide peptides from the alpha 1 chain of chick skin collagen.
Biochemistry (Wash) 8:1506-14, Apr 69
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ AUTOANALYSIS/ BONE AND BONES, analysis/ BROMINE/ CHEMISTRY/ CHICKENS/ CHROMATOGRAPHY, ION EXCHANGE/ *COLLAGEN/ COLLAGEN, analysis/ *CYANIDES/ GEL FILTRATION/ GENES, STRUCTURAL/ MOLECULAR WEIGHT/ *PEPTIDES/ PEPTIDES, analysis/ RATS/ *SKIN/ SKIN, analysis

1950. **Kaniak J, Kuczyńska-Sekieta K, Skóra K, et al:** Przypadek guza chromochłonnego operowany w trybie nagłym pod osłoną neuroleptoanalgezji typu II (NLA II)
Pol Tyg Lek 24:602-3, 21 Apr 69 (Pol)
*ADRENAL GLAND NEOPLASMS, surgery/ ADULT/ *BENPERIDOL, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ FENTANYL, therapeutic use/ HUMAN/ NEUROLEPTOANALGESIA/ *PHEOCHROMOCYTOMA, surgery/ PROPRANOLOL, therapeutic use

1951. **Kanuff G, Spate H:** Beitrag zur Adynamia episodica hereditaria (Gamstorp)
Psychiat Neurol Med Psychol (Leipzig) 21:142-8, Apr 69 (Ger)
ADULT/ AGE FACTORS/ CIRCADIAN RHYTHM/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERALDOSTERONISM, diagnosis/ LEG/

MYOTONIA CONGENITA, diagnosis/ PARALYSIS, FAMILIAL PERIODIC, chemically induced/ PARALYSIS, FAMILIAL PERIODIC, classification/ *PARALYSIS, FAMILIAL PERIODIC, diagnosis/ PARALYSIS, SPASTIC, diagnosis/ POTASSIUM CHLORIDE

1952. **Kao CY, Nishiyama A:** Ion concentrations and membrane potentials of myometrium during recovery from cold. Amer J Physiol 217:525-31, Aug 69
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, ACTIVE/ CATS/ CELL MEMBRANE PERMEABILITY/ CHLORIDES, analysis/ *COLD/ ESTROGENS, pharmacodynamics/ FEMALE/ *MEMBRANE POTENTIALS/ METHODS/ *POTASSIUM, analysis/ PROGESTERONE, pharmacodynamics/ *SODIUM, analysis/ UTERUS, analysis/ *UTERUS, physiology/ WATER, analysis

1953. **Kaplan G:** Ostéoporose.
Presse Med 77:1345-8, 24 Sep 69 (Fre)
BONE AND BONES, pathology/ CALCIUM, diagnostic use/ CALCIUM, metabolism/ CALCIUM, urine/ CALCIUM ISOTOPES/ INOSITOL, diagnostic use/ OSTEOMALACIA/ *OSTEOPOROSIS/ OSTEOPOROSIS, classification/ OSTEOPOROSIS, diagnosis/ OSTEOPOROSIS, etiology/ OSTEOPOROSIS, pathology/ OSTEOPOROSIS, physiopathology/ VITAMIN D, diagnostic use

1954. **Kaplan MA, Cohen KL:** Ventricular fibrillation in the Wolff-Parkinson-White syndrome.
Amer J Cardiol 24:259-64, Aug 69
ADULT/ ALANINE AMINOTRANSFERASE, blood/ ANGIOGRAPHY/ ASPARTATE AMINOTRANSFERASE, blood/ CHOLESTEROL, blood/ CINEANGIOGRAPHY/ CORONARY VESSELS, radiography/ CREATINE KINASE, blood/ ELECTRIC COUNTERSHOCK/ ELECTROCARDIOGRAPHY/ FEMALE/ GLUCOSE TOLERANCE TEST/ HUMAN/ LACTATE DEHYDROGENASE, blood/ POSTURE/ PROTEIN-BOUND IODINE TEST/ THORACIC RADIOGRAPHY/ VECTORCARDIOGRAPHY/ *VENTRICULAR FIBRILLATION, etiology/ VENTRICULAR FIBRILLATION, therapy/ *WOLFF-PARKINSON-WHITE SYNDROME, complications

1955. **Kaplan PM, Semenova GI, Turubiner NM:** Reflektornye vliianiia skeletnoĭ muskulatury na nekotorye pokazateli sostoianiia serdechno-sosudistoĭ sistemy u bol'nykh itreotoksikozom.
Probl Endokr (Moskva) 15:32-6, Mar-Apr 69 (Rus)
ADOLESCENCE/ ADULT/ AGED/ *CARDIOVASCULAR SYSTEM, physiopathology/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, physiopathology/ MALE/ MIDDLE AGE/ MUSCLES/ *REFLEX

1956. **Kaplan SA:** Testicular feminization syndrome.
Amer J Dis Child 118:531, Sep 69
HUMAN/ *INGUINAL HERNIA, complications/ SEX CHROMATIN/ *SEX DIFFERENTIATION DISORDERS, complications/ TESTICULAR FEMINIZATION

1957. **Kaplan W, Kraft DE:** Demonstration of pathogenic fungi in formalin-fixed tissues by immunofluorescence.
Amer J Clin Path 52:420-32, Oct 69
ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ *BLASTOMYCES/ BRAIN CHEMISTRY/ *CRYPTOCOCCUS/ DIMETHYL SULFOXIDE/ DOGS/ *FLUORESCENT ANTIBODY TECHNIC/ *FORMALDEHYDE/ GUINEA PIGS/ HISTOLOGICAL TECHNICS/ *HISTOPLASMA/ HUMAN/ LUNG, analysis/ LYMPH NODES, analysis/ MICE/ *PARAFFIN/ POLYSACCHARIDES, metabolism/ SKIN, analysis/ *SPOROTRICHUM/ STAINS AND STAINING/ TESTIS, analysis/ TRYPSIN, metabolism

1958. **Kaplan WD, Trout WE 3d:** The behavior of four neurological mutants of Drosophila.
Genetics 61:399-409, Feb 69
ALKYLATING AGENTS, pharmacodynamics/ ANIMAL EXPERIMENTS/ CHROMOSOME MAPPING/ DROSOPHILA/ FEMALE/ *GENETICS, BEHAVIORAL/ MALE/ *MOTOR ACTIVITY/ MUTATION, drug effects/ PHENOTYPE/ SEX CHROMOSOMES/ SULFONIC ACIDS, pharmacodynamics

1959. **Karagianes MT, Beamer JL, Gillis MF, et al:** Effects of radioiodine in sheep and swine. BNWL-714.
US AEC Battelle Northwest 5.3-5+, May 68
ANIMAL EXPERIMENTS/ *IODINE ISOTOPES/ *RADIATION INJURY, EXPERIMENTAL/ SHEEP/ SWINE/ *THYROID GLAND, radiation effects

1960. **Karal' FR, Kantorovich IN, Bazhanov EA:** Izuchenie puteĭ proniknoveniia v organizm difteriinogo anatoksina pri intranazal'noĭ instilliatsii.
Zh Mikrobiol 46:53-6, May 69 (Rus)
ABSORPTION/ ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ DIPHTHERIA TOXOID, administration & dosage/ DIPHTHERIA TOXOID, analysis/ DIPHTHERIA TOXOID, blood/ *DIPHTHERIA TOXOID, metabolism/ ENGLISH ABSTRACT/ *GASTROINTESTINAL SYSTEM, metabolism/ INJECTIONS, SUBCUTANEOUS/ IODINE ISOTOPES/ MOUTH/ *NASAL MUCOSA, metabolism/ NOSE/ RADIOAUTOGRAPHY/ RATS/ THYROID GLAND, analysis/ *THYROID GLAND, metabolism

1961. **Karaman NV:** Funktsiia kory nadpochechnikov posle kholetsistéktomii. Vrach Delo 10:119-21, Oct 67 (Rus)
*ADRENAL GLANDS, physiopathology/ ADULT/ AGED/ *CHOLECYSTECTOMY/ FEMALE/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, blood/ 17-KETOSTEROIDS, urine/ MALE/ MIDDLE AGE

1962. **Karambelkar PV, Bhole MV, Gharote ML:** Effect of Yogic asanas on uropepsin excretion.
Indian J Med Res 57:944-7, May 69
ADOLESCENCE/ ADRENAL GLANDS, physiology/ ADULT/ FEMALE/ HUMAN/ MALE/ POSTURE/ RELAXATION/ SEX FACTORS/ *UROPEPSIN, urine/ *YOGA

1963. **Karasev VP, Afanas'ev PD, Sergeeva MV, et al:** Sukhaia syvorotka dlia vyrashchivaniia kul'tur kletok. I.
Lab Delo 5:269-71, 1967 (Rus)
ANIMAL EXPERIMENTS/ CATTLE/ *CULTURE MEDIA/ *IMMUNE SERUMS/ LIVER, cytology/ MALE/ RABBITS/ SWINE/ TESTIS, cytology/ *TISSUE CULTURE

1964. **Karavolas HJ, Orr JC, Engel LL:** Human placental 17 beta-estradiol dehydrogenase. IV. Differentiation of 17 beta-estradiol-activated transhydrogenase from the transhydrogenase function of 17 beta-estradiol dehydrogenase. J Biol Chem 244:4413-21, 25 Aug 69
CHEMISTRY/ CHROMATOGRAPHY/ COUNTERCURRENT DISTRIBUTION/ DEUTERIUM/ DIETHYLSTILBESTROL/ DRUG STABILITY/ *ESTRADIOL/ ESTRANES/ ESTRONE/ FEMALE/ HUMAN/ HYDROXYAPATITE/ *HYDROXYSTEROID DEHYDROGENASE/ HYDROXYSTEROID DEHYDROGENASE, isolation & purification/ METHODS/ NAD/ NADP/ OXIDATION-REDUCTION/ *OXIDOREDUCTASES/ OXIDOREDUCTASES, isolation & purification/ *PLACENTA, enzymology/ PREGNANCY/ TEMPERATURE/ TRITIUM

1965. **Karges O:** Beta-Rexeptorenblocker bei Angina pectoris und Herzrhythmusstörungen.
Med Klin 64:1280-5, 11 Jul 69 (Ger)
ADULT/ *ANGINA PECTORIS, drug therapy/ *ARRHYTHMIA, drug therapy/ ARRHYTHMIA, SINUS, drug therapy/ AURICULAR FIBRILLATION, drug therapy/ FEMALE/ HUMAN/ HYPERKINESIS, complications/ HYPERTHYROIDISM, complications/ MALE/ MIDDLE AGE/ PROPRANOLOL, administration & dosage/ *PROPRANOLOL, therapeutic use/

TACHYCARDIA, drug therapy/ TACHYCARDIA, etiology/ TACHYCARDIA, PAROXYSMAL, drug therapy

1966. **Karhunen P, Kahanpää K, Halonen PI:** Effect of 5-hydroxytryptamine on experimental silicosis in the rat. Ann Med Exp Biol Fenn 46:516-9, 1968
ANIMAL EXPERIMENTS/ MALE/ METHODS/ RATS/ *SEROTONIN, pharmacodynamics/ SILICA/ SILICOSIS, chemically induced/ SILICOSIS, pathology

1967. **Karle II, Karle J:** The structural formula and crystal structure of the O-p-bromobenzoate derivative of batrachotoxinin A, C31H38NO6Br, a frog venom and steroidal alkaloid.
Acta Crystallogr [B] (Kobenhavn) 25:428-34, 15 Mar 69
*ALKALOIDS/ CHEMISTRY/ CRYSTALLOGRAPHY/ FROGS/ *STEROIDS/ *VENOMS

1968. **Karmos G, Grastyán E, Martin J:** A comparative analysis of hypothalamic stimulation during physiological sleep and wakefulness.
Activ Nerv Sup (Praha) 11:149-53, 1969
ANIMAL EXPERIMENTS/ BEHAVIOR, ANIMAL/ CATS/ *ELECTRIC STIMULATION/ *HYPOTHALAMUS, physiology/ *SLEEP/ *WAKEFULNESS

1969. **Karobath H, Brenner H, Gloning K, et al:** Uber eine seltene Entstehungsursache des Aortenbogensyndroms.
Z Kreislaufforsch 58:397-404, Apr 69 (Ger)
ADENOMA, surgery/ ADULT/ *AORTIC ARCH SYNDROMES, etiology/ AORTIC ARCH SYNDROMES, radiography/ AORTIC ARCH SYNDROMES, surgery/ AORTOGRAPHY/ AUSCULTATION/ BLOOD VESSEL PROSTHESIS/ CAROTID ARTERIES, surgery/ DIAGNOSIS, DIFFERENTIAL/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *PARATHYROID NEOPLASMS, surgery/ POSTOPERATIVE COMPLICATIONS/ VECTORCARDIOGRAPHY

1970. **Karp LA, Czernobilsky B:** Glandular inclusions in pelvic and abdominal para-aortic lymph nodes. A study of autopsy and surgical material in males and females.
Amer J Clin Path 52:212-8, Aug 69
*ABDOMEN/ ADOLESCENCE/ ADULT/ AGED/ AORTA, ABDOMINAL/ FALLOPIAN TUBES, anatomy & histology/ FEMALE/ HUMAN/ *LYMPH NODES, pathology/ MALE/ METAPLASIA/ MIDDLE AGE/ OVARIAN CYSTS, pathology/ *PELVIS/ PERITONEUM, anatomy & histology/ SEX FACTORS

1971. **Kárpáti E, Dömök L, Szporny L:**
1-piperidino-3-(4'-octylphenyl)-propane-3-one-hydrochloride, a new peripheral and coronary vasodilator. Arzneimittelforschung 19:1011-5, Jun 69
ACETYLCHOLINE, pharmacodynamics/ ANALEPTICS, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ ANTIHISTAMINICS, pharmacodynamics/ ARTERIES/ AUTONOMIC NERVOUS SYSTEM, drug effects/ BLOOD CIRCULATION, drug effects/ BLOOD PRESSURE, drug effects/ BLOOD SUGAR, analysis/ CATS/ CENTRAL NERVOUS SYSTEM, drug effects/ CHLORPROMAZINE, pharmacodynamics/ COMPARATIVE STUDY/ DIURESIS, drug effects/ DRUG SYNERGISM/ EPINEPHRINE, pharmacodynamics/ FEMALE/ GASTROINTESTINAL MOTILITY, drug effects/ GRANULOMA, prevention & control/ GUINEA PIGS/ HEART, drug effects/ HEXOBARBITAL, pharmacodynamics/ ILEUM, drug effects/ IN VITRO/ KETONES, pharmacodynamics/ MALE/ MICE/ MOTOR ACTIVITY, drug effects/ MUSCLE RELAXANTS, pharmacodynamics/ NICTITATING MEMBRANE, drug effects/ OXYTOCIN, antagonists & inhibitors/ PAPAVERINE, pharmacodynamics/ PIPERIDINES, pharmacodynamics/ PRENYLAMINE, pharmacodynamics/ RABBITS/ RATS/ REGIONAL BLOOD FLOW, drug effects/ RESPIRATION, drug effects/ UTERUS, drug effects/ *VASODILATOR AGENTS, pharmacodynamics/ VASODILATOR AGENTS, toxicity

1972. **Karpova EP, Dement'eva AM, Malyshev IuI, et al:** Metody opredelenila vodnykh prostranstv organizma v klinike. Lab Delo 5:266-71, 1969 (Rus)
*ANTIPYRINE, diagnostic use/ *BLOOD VOLUME DETERMINATION/ *BODY FLUIDS, analysis/ *ERYTHROCYTES, analysis/ *EXTRACELLULAR SPACE, analysis/ HUMAN/ *INDICATORS AND REAGENTS/ MALE/ METHODS/ POSTOPERATIVE CARE/ *THIOCYANATES, analysis

1973. **Karpushin VP:** Vydelenie 17-oksikortikosteroidov s mocheĭ vo vremia beremennosti i v poslerodovom periode.
Probl Endokr (Moskva) 14:37-40, Nov-Dec 68 (Rus)
ADOLESCENCE/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, urine/ *PREGNANCY/ *PUERPERIUM

1974. **Kasatkin IuN, Chernysheva NN, Plesheva IM:** K voprosu kompleksnogo issledovaniia funktsional'nogo sostoainiia shchitovidnoĭ zhelezy.
Lab Delo 10:593-5, 1968 (Rus)
BLOOD CELL COUNT/ EOSINOPHILS/ GOITER, EXOPHTHALMIC, blood/ *GOITER, EXOPHTHALMIC, diagnosis/ HUMAN/ PROTEIN-BOUND IODINE TEST/ *THYROID GLAND FUNCTION TESTS

1975. **Kase M, Ono J, Tamura K, et al:** [Early diagnosis and treatment of polyarteritis]
Naika 23:1301-9, Jun 69 (Jap)
ADULT/ DEXAMETHASONE, therapeutic use/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PERIARTERITIS NODOSA, diagnosis/ PERIARTERITIS NODOSA, drug therapy/ PERIARTERITIS NODOSA, pathology/ *PERIARTERITIS NODOSA, therapy

1976. **Kashiwagi H:** [Clinical and blood coagulation studies on hemorrhagic diathesis in hereditary collagen diseases] Naika 23:763-8, Apr 69 (Jap)
ADOLESCENCE/ ADULT/ *ARACHNODACTYLY, complications/ BLOOD COAGULATION TESTS/ CHILD/ *EHLERS-DANLOS SYNDROME, complications/ FEMALE/ HEMORRHAGIC DIATHESIS, blood/ *HEMORRHAGIC DIATHESIS, etiology/ HUMAN/ MALE/ MIDDLE AGE/ *OSTEOGENESIS IMPERFECTA, complications/ *PSEUDOXANTHOMA ELASTICUM, complications

1977. **Kasirsky G, Sherman WT, Gautieri RF, et al:** Cobalt-cortisone interrelationships in the induction and inhibition of cleft palate in mice.
J Pharm Sci 58:766-7, Jun 69
ANIMAL EXPERIMENTS/ *CLEFT PALATE, chemically induced/ *COBALT/ *CORTISONE/ CORTISONE, administration & dosage/ FEMALE/ FETUS, drug effects/ MICE/ NICKEL, pharmacodynamics/ PREGNANCY

1978. **Kassil' GN:** Problema gemato-éntsefalicheskogo bar'era v éndokrinologii.
Probl Endokr (Moskva) 13:116-20, May-Jun 67 (18 ref.) (Rus)
ADRENAL CORTEX HORMONES, metabolism/ ANIMAL EXPERIMENTS/ *BLOOD-BRAIN BARRIER/ BRAIN, metabolism/ BRAIN CHEMISTRY/ CENTRAL NERVOUS SYSTEM, physiology/ CEREBROSPINAL FLUID, metabolism/ *ENDOCRINE GLANDS, physiology/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ PITUITARY-ADRENAL SYSTEM, physiology/ REVIEW

1979. **Kastin AJ, Schally AV, Gual C, et al:** Stimulation of LH release in men and women by LH-releasing hormone purified from porcine hypothalami.
J Clin Endocr 29:1046-50, Aug 69
ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ CONTRACEPTIVES, ORAL, pharmacodynamics/ ETHINYL ESTRADIOL, pharmacodynamics/ FEMALE/ GEL

FILTRATION/ HUMAN/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, drug effects/ HYPOTHALAMUS, analysis/ LH, blood/ *LH, secretion/ MALE/ PITUITARY GLAND, drug effects/ *PITUITARY GLAND, secretion/ PITUITARY HORMONE RELEASING FACTORS, isolation & purification/ *PITUITARY HORMONE RELEASING FACTORS, pharmacodynamics/ RADIOIMMUNOASSAY/ STIMULATION, CHEMICAL/ SWINE/ VASOPRESSIN, pharmacodynamics

1980. **Kato M, Suzuki T, Nokubi K:** [Preventive effect of thymus histone on atrophy of the adrenal glands. 2] Med Biol (Tokyo) 79:39-41, 10 Jul 69 **(Jap)**
*ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, enzymology/ ADRENAL GLANDS, pathology/ ALKALINE PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ ATROPHY/ COMPARATIVE STUDY/ DEXAMETHASONE, pharmacodynamics/ FEMALE/ *HISTONES, pharmacodynamics/ INJECTIONS, SUBCUTANEOUS/ MALE/ PROTAMINES, pharmacodynamics/ RATS/ *THYMUS GLAND, analysis

1981. **Kato M, Suzuki T, Nobuki K:** [Preventive effect of thymus histone on atrophy of the adrenal glands. 1] Med Biol (Tokyo) 79:15-6, 10 Jul 69 **(Jap)**
*ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, enzymology/ ADRENAL GLANDS, pathology/ ALKALINE PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ ATROPHY/ DEXAMETHASONE, pharmacodynamics/ FEMALE/ *HISTONES, pharmacodynamics/ INJECTIONS, SUBCUTANEOUS/ MALE/ RATS/ *THYMUS GLAND, analysis

1982. **Katsoyannis P, Ginos JZ:** Chemical synthesis of peptides. Ann Rev Biochem 38:881-912, 1969 (198 ref.)
ANGIOTENSIN, chem synthesis/ ANIMAL EXPERIMENTS/ BRADYKININ, chem synthesis/ CHEMISTRY/ CORTICOTROPIN, chem synthesis/ ELEDOISIN, chem synthesis/ GASTRIN, chem synthesis/ GLUCAGON, chem synthesis/ *HORMONES, chem synthesis/ HORMONES, pharmacodynamics/ HUMAN/ INSULIN, chem synthesis/ METHODS/ MSH, chem synthesis/ OXYTOCIN, chem synthesis/ *PEPTIDES, chem synthesis/ PEPTIDES, pharmacodynamics/ PEPTIDES, physiology/ RATS/ REVIEW/ RIBONUCLEASE/ SECRETIN, chem synthesis/ VASOPRESSIN, chem synthesis

1983. **Katsu M, Irimajiri S:** [Early diagnosis and treatment of collagen diseases] Naika 23:1293-300, Jun 69 **(Jap)**
ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ *COLLAGEN DISEASES, diagnosis/ *COLLAGEN DISEASES, drug therapy/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ LUPUS ERYTHEMATOSUS, SYSTEMIC, diagnosis/ LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ MALE/ MIDDLE AGE

1984. **Katsushima I, Fukuchi S, Torikai T:** [Advances and problems in aldosterone measurement] Clin Endocr (Tokyo) 17:293-9, Apr 69 (31 ref.) **(Jap)**
*ALDOSTERONE, analysis/ ALDOSTERONE, blood/ CARBON ISOTOPES/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ COLORIMETRY/ FLUORESCENCE/ FLUOROMETRY/ METHODS/ PROTEIN BINDING/ REVIEW/ TETRAZOLIUM SALTS/ TRITIUM

1985. **Katz EP, Francois CJ, Glimcher MJ:** The molecular weights of the alpha chains of chicken bone collagen by high-speed sedimentation equilibrium. Biochemistry (Wash) 8:2609-15, Jun 69
*BONE AND BONES/ CHEMISTRY/ CHICKENS/ CHLORIDES/ *COLLAGEN/ ELECTROPHORESIS/ GEL FILTRATION/ *GELATIN/ HYDROGEN-ION CONCENTRATION/ LITHIUM/ METHODS/ MOLECULAR WEIGHT/ *PEPTIDES/ THIOCYANATES/ ULTRACENTRIFUGATION

1986. **Katz RI, Goodwin JS, Kopin IJ:** Disposition of neurotransmitters in experimental mouse glioma. Life Sci 8:561-9, 1 Jun 69
*AMINOBUTYRIC ACID, metabolism/ ANIMAL EXPERIMENTS/ BRAIN, metabolism/ ELECTRIC STIMULATION/ GLIOMA, enzymology/ *GLIOMA, metabolism/ IN VITRO/ MALE/ MICE/ MONOAMINE OXIDASE, metabolism/ NEOPLASMS, EXPERIMENTAL, metabolism/ NEURAL TRANSMISSION/ *NOREPINEPHRINE, metabolism/ *SEROTONIN, metabolism/ SYNAPSES, physiology/ TRANSFERASES, metabolism/ TRITIUM

1987. **Katz RI, Kopin IJ:** Release of norepinephrine-3H and serotonin-3H evoked from brain slices by electrical-field stimulation-calcium dependency and the effects of lithium, ouabain and tetrodotoxin. Biochem Pharmacol 18:1835-9, Aug 69
ANIMAL EXPERIMENTS/ *BRAIN CHEMISTRY/ CALCIUM, pharmacodynamics/ ELECTRIC STIMULATION/ IN VITRO/ LITHIUM, antagonists & inhibitors/ LITHIUM, pharmacodynamics/ MALE/ *NOREPINEPHRINE, metabolism/ OUABAIN, antagonists & inhibitors/ OUABAIN, pharmacodynamics/ RATS/ *SEROTONIN, metabolism/ TETRODOTOXIN, pharmacodynamics/ TRITIUM

1988. **Katz S, Herr F, Kovacs BA:** Influence of sex hormones on gastric acid secretion in the guinea pig. Amer J Physiol 217:370-5, Aug 69
ANIMAL EXPERIMENTS/ CASTRATION/ *ESTRADIOL, pharmacodynamics/ FEMALE/ GASTRIC ACIDITY DETERMINATION/ *GASTRIC JUICE, secretion/ GUINEA PIGS/ HISTAMINE, pharmacodynamics/ MALE/ METHODS/ *OVARY, physiology/ PROGESTERONE/ *TESTIS, physiology/ *TESTOSTERONE, pharmacodynamics

1989. **Katz SH, Molitch M, McCann SM:** Effects of hypothalmic implants of GH on anterior pituitary weight and GH concentration. Endocrinology 85:725-34, Oct 69
ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ CHOLESTEROL, pharmacodynamics/ DEPRESSION, CHEMICAL/ FEEDBACK/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ *HYPOTHALAMUS, drug effects/ MALE/ *ORGAN WEIGHT/ PITUITARY GLAND, analysis/ *PITUITARY GLAND, anatomy & histology/ RATS/ SOMATOTROPIN, analysis/ *SOMATOTROPIN, pharmacodynamics/ SOMATOTROPIN, physiology/ SOMATOTROPIN, secretion/ STEREOTAXIC TECHNICS

1990. **Katzman R, Graziani L, Ginsburg S:** Cation exchange in blood, brain and CSF. Progr Brain Res 29:283-96, 1968
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ *BLOOD-BRAIN BARRIER/ CALCIUM, metabolism/ CATS/ CISTERNA MAGNA/ DIFFUSION/ *ELECTROLYTES, metabolism/ INJECTIONS, INTRAVENOUS/ INULIN, metabolism/ MAGNESIUM, metabolism/ METHODS/ MODELS, BIOLOGIC/ POTASSIUM, metabolism/ POTASSIUM ISOTOPES/ RATS

1991. **Kaufman JJ, Lupu AN, Maxwell MH:** Further experiences in the diagnosis and treatment of renovascular hypertension. I. Clinical characteristics and diagnostic approaches. Urol Int 24:1-11, 1969
AGE FACTORS/ BIOPSY/ BLOOD PRESSURE/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ *HYPERTENSION, RENAL, diagnosis/ HYPERTENSION, RENAL, pathology/ KIDNEY, blood supply/ KIDNEY FUNCTION TESTS/ MALE/ RADIOISOTOPE RENOGRAPHY/ REGIONAL BLOOD FLOW/ RENAL ARTERY, radiography/ *RENAL ARTERY OBSTRUCTION, complications/ RENIN, blood/ UROGRAPHY

1992. **Kaufman OIa:** Morfologiia gladkomyshechnykh kletok sredneĭ obolochki sosudov pri nekotorykh regionarnykh izmeneniiakh gemodinamiki.
Arkh Pat 30:22-6, 1968 (Rus)
ACETATES/ ACID PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ *BLOOD VESSELS, pathology/ CATS/ CELL NUCLEUS/ CONSTRICTION/ CORTISONE, pharmacodynamics/ DESOXYCORTICOSTERONE, pharmacodynamics/ DILATATION/ DNA, biosynthesis/ DOGS/ ENGLISH ABSTRACT/ ESTERASES, metabolism/ ESTRONE, pharmacodynamics/ *HEMODYNAMICS/ HUMAN/ HYPERTENSION, pathology/ INFANT, NEWBORN/ KARYOMETRY/ METHODS/ MUSCLE, SMOOTH, drug effects/ MUSCLE, SMOOTH, enzymology/ MUSCLE, SMOOTH, metabolism/ *MUSCLE, SMOOTH, pathology/ PROGESTERONE, pharmacodynamics/ RADIOAUTOGRAPHY/ RATS/ SUCCINATE DEHYDROGENASE, metabolism/ TESTOSTERONE, pharmacodynamics

1993. **Kaufman RH, Jing BJ, Franklin RR:** Prediction of outcome of pregnancy by vaginal cytology. Evaluation of the "estrogen test".
Obstet Gynec 34:396-402, Sep 69
*ABORTION, prevention & control/ ENDOCRINE DISEASES, diagnosis/ *ESTROGENIC SUBSTANCES, CONJUGATED, diagnostic use/ FEMALE/ GESTATIONAL AGE/ HUMAN/ METHODS/ PREGNANCY/ *PREGNANCY COMPLICATIONS, diagnosis/ *VAGINAL SMEARS

1994. **Kaufmann BP, Gay H:** The capacity of the fourth chromosome of Drosophila melanogaster to establish end-to-end contacts with the other chromosomes in salivary-gland cells. Chromosoma 26:395-409, 1969
ANIMAL EXPERIMENTS/ *CHROMOSOME ABERRATIONS/ CHROMOSOME ABERRATIONS, radiation effects/ *CHROMOSOMES/ *CYTOGENETICS/ DROSOPHILA/ SALIVARY GLANDS, cytology/ SEX CHROMOSOMES/ STATISTICS

1995. **Kaufmann W:** Therapeutisch induzierter Aldosteronismus bei hydropischer Herzinsuffizienz.
Arzneimittelforschung 19:802-3, May 69 (Ger)
ALDOSTERONE, blood/ *ALDOSTERONE, metabolism/ ALDOSTERONE, secretion/ ALDOSTERONE, urine/ CARBON ISOTOPES/ *CARDIAC GLYCOSIDES, therapeutic use/ *DIURETICS, adverse effects/ ENGLISH ABSTRACT/ *HEART FAILURE, CONGESTIVE, drug therapy/ HEART FAILURE, CONGESTIVE, metabolism/ HUMAN/ *HYPERALDOSTERONISM, chemically induced/ METABOLIC CLEARANCE RATE/ METHODS/ SECRETORY RATE/ *SPIRONOLACTONE, adverse effects/ TRITIUM

1996. **Kaul A, Heyder J:** Anderung der zeitlich-räumlichen Verteilung von 228Ra und 224Ra im RES und markfreien Skelet nach Inkorporierung von kolloidalem ThO2 (Thorotrast)
Biophysik 5:331-40, 1969 (Ger)
ANIMAL EXPERIMENTS/ *BONE AND BONES, metabolism/ BONE MARROW, metabolism/ LIVER, metabolism/ MODELS, BIOLOGIC/ *RADIUM, metabolism/ *RETICULOENDOTHELIAL SYSTEM, metabolism/ SPLEEN, metabolism/ *THORIUM DIOXIDE, metabolism/ TIME FACTORS

1997. **Kawachi H:** [Experimental study on calcium metabolism in osteomyelitis of the mandible]
Shikwa Gaku 69:594-619, Apr 69 (Jap)
ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ INCISOR, metabolism/ MALE/ *MANDIBULAR DISEASES, metabolism/ MICRORADIOGRAPHY/ MOLAR, metabolism/ *OSTEOMYELITIS, metabolism/ OSTEOMYELITIS, pathology/ RABBITS/ STAPHYLOCOCCAL INFECTIONS, complications/ TIME FACTORS

1998. **Kawai A, Katsutani N, Tsuda T:** [Clinical observation on urinary free 11-OHCS]
Clin Endocr (Tokyo) 17:437-40, May 69 (Jap)
ADOLESCENCE/ *ADRENAL CORTEX HORMONES, urine/ ADULT/ CUSHING'S SYNDROME, urine/ FEMALE/ HUMAN/ HYPERTHYROIDISM, urine/ LUNG NEOPLASMS, urine/ MALE/ MIDDLE AGE/ PITUITARY-ADRENAL FUNCTION TESTS

1999. **Kawakami M, Saito H:** The analysis of inter-spike interval fluctuation of hypothalamic unit activity in response to luteinizing hormone and oxytocin.
Jap J Physiol 19:243-59, 15 Apr 69
ANIMAL EXPERIMENTS/ CASTRATION/ CATS/ ELECTROENCEPHALOGRAPHY/ ELECTROPHYSIOLOGY/ ESTRUS/ FEMALE/ HYPOTHALAMUS, drug effects/ *HYPOTHALAMUS, physiology/ INJECTIONS, INTRAVENOUS/ LH, blood/ *LH, pharmacodynamics/ OXYTOCIN, blood/ *OXYTOCIN, pharmacodynamics/ STATISTICS

2000. **Kawakami M, Seto K, Negoro H, et al:** [Central nervous control of the pituitary-adrenal system, with special reference to the function of the hippocampus in stress] Jap J Clin Med 27:1348-62, May 69 (Jap)
ADRENAL CORTEX HORMONES, biosynthesis/ ANIMAL EXPERIMENTS/ CORTICOSTERONE, blood/ CORTICOTROPIN, secretion/ FEMALE/ *HIPPOCAMPUS, physiopathology/ HYPOTHALAMUS, physiopathology/ *PITUITARY-ADRENAL SYSTEM/ RABBITS/ *STRESS, physiopathology/ TIME FACTORS

2001. **Kawamura M, Hashimoto K, Nakamura K:** [Case of intrathoracic goiter]
Jap J Thorac Surg 22:295-8, Apr 69 (Jap)
*ADENOMA/ ADENOMA, radiotherapy/ ADULT/ COBALT ISOTOPES, diagnostic use/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *MEDIASTINAL NEOPLASMS/ MEDIASTINAL NEOPLASMS, radiotherapy/ RADIOISOTOPE TELETHERAPY/ *THYROID NEOPLASMS/ THYROID NEOPLASMS, radiotherapy

2002. **Kawamura T:** [On blood progesterone level during pregnancy]
J Jap Obstet Gynec Soc 21:271-80, Mar 69 (Jap)
CHROMATOGRAPHY, GAS/ FEMALE/ FETUS, metabolism/ HUMAN/ KINETICS/ LABOR/ *PREGNANCY/ *PROGESTERONE, blood/ PUERPERIUM/ UMBILICAL VEINS

2003. **Kay HE, Lawler SD, Millard RE:** Chromosomes in polycythaemia vera. Brit J Haemat 17:305-6, Sep 69
*BONE MARROW CELLS/ *CHROMOSOME ABERRATIONS/ CHROMOSOMES, HUMAN, 6-12/ CHROMOSOMES, HUMAN, 19-20/ FEMALE/ HUMAN/ MALE/ PHOSPHORUS ISOTOPES, adverse effects/ POLYCYTHEMIA VERA, complications/ *POLYCYTHEMIA VERA, familial & genetic/ POLYCYTHEMIA VERA, radiotherapy/ SEX CHROMOSOMES

2004. **Kazakova VA, Iakubovskaia NIa, Kalinina NM:** Dva sluchaia ostroĭ nedostatochnosti nadpochechnikov s sindromom Uoterkhausa-Fridrikhsena.
Pediatriia 48:81-2, Mar 69 (Rus)
ACUTE DISEASE/ FEMALE/ HUMAN/ INFANT/ MALE/ *WATERHOUSE-FRIDERICHSEN SYNDROME

2005. **Kazarian LE, Von Gierke HE:** Bone loss as a result of immobilization and chelation. Preliminary results in Macaca mulatta. Clin Orthop 65:67-75, Jul-Aug 69
ANIMAL EXPERIMENTS/ BIOMECHANICS/ BONE AND BONES, blood supply/ *BONE RESORPTION/ *CALCIUM, metabolism/ CASTS, SURGICAL/ EDTA/ EXTRATERRESTRIAL ENVIRONMENT/ *FEMUR, metabolism/ HYPERCALCEMIA/ *IMMOBILIZATION/ *LUMBAR VERTEBRAE, metabolism/ MALE/ MONKEYS/ WEIGHTLESSNESS

2006. **Kazi MU, Grover V:** Carcinoid tumors and the carcinoid syndrome. J Amer Geriat Soc 17:807-16, Aug 69
ADULT/ AGED/ BRADYKININ, blood/ *CARCINOID TUMOR, blood/ CARCINOID

TUMOR, complications/ CARCINOID TUMOR, etiology/ CARCINOID TUMOR, metabolism/ FEMALE/ GASTROINTESTINAL NEOPLASMS, blood/ HUMAN/ KININS, blood/ LUNG NEOPLASMS, blood/ MALE/ *MALIGNANT CARCINOID SYNDROME, blood/ MALIGNANT CARCINOID SYNDROME, complications/ MALIGNANT CARCINOID SYNDROME, metabolism/ MIDDLE AGE/ MONOAMINE OXIDASE, metabolism/ MONOAMINE OXIDASE INHIBITORS, metabolism/ NOREPINEPHRINE, metabolism/ PHENYLALANINE, metabolism/ SEROTONIN, metabolism/ TRYPTOPHAN, metabolism/ TYRAMINE, metabolism

2007. **Keane PM, Pegg PJ, Johnson E:** Estimation of thyroxine binding protein capacities using a non-electrophoretic technique.
J Clin Endocr 29:1126-30, Aug 69
BARBITURATES/ BLOOD PROTEIN ELECTROPHORESIS/ BUFFERS/ DIPHENYLHYDANTOIN/ FEMALE/ HUMAN/ JAUNDICE, OBSTRUCTIVE, blood/ MULTIPLE MYELOMA, blood/ PREGNANCY/ PROTEIN BINDING/ THYROXINE, blood/ *THYROXINE-BINDING PROTEIN, analysis

2008. **Keating FR Jr, Jones JD, Elveback LR:** Distribution of serum calcium and phosphorus values in unselected ambulatory patients. J Lab Clin Med 74:507-14, Sep 69
ADULT/ AGE FACTORS/ AGED/ AMBULATORY CARE/ *CALCIUM, blood/ FEMALE/ HUMAN/ HYPERCALCEMIA, occurrence/ HYPERPARATHYROIDISM, occurrence/ HYPOCALCEMIA, occurrence/ MALE/ MIDDLE AGE/ MULTIPHASIC SCREENING/ *PHOSPHORUS, blood/ SEX FACTORS

2009. **Kędrowa S:** Dwa przypadki zespołu pozawałowego.
Pol Tyg Lek 24:897-8, 9 Jun 69 (Pol)
ENGLISH ABSTRACT/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL INFARCT, complications/ PERICARDITIS, drug therapy/ *PERICARDITIS, etiology/ PLEURISY, drug therapy/ *PLEURISY, etiology/ PREDNISONE, therapeutic use

2010. **Keele CA:** Sites and modes of action of antipyretic-analgesic drugs.
Proc Roy Soc Med 62:535-9, Jun 69 (18 ref.)
*ANALGESICS AND ANTIPYRETICS, pharmacodynamics/ ANIMAL EXPERIMENTS/ ASPIRIN, pharmacodynamics/ BODY TEMPERATURE REGULATION/ BRADYKININ, pharmacodynamics/ HUMAN/ HYDROCORTISONE, pharmacodynamics/ HYPOTHALAMUS, drug effects/ INFLAMMATION/ KALLIDIN, pharmacodynamics/ KALLIKREIN, pharmacodynamics/ OXIDATIVE PHOSPHORYLATION/ PEPTIDE HYDROLASES, pharmacodynamics/ PERIPHERAL NERVES, drug effects/ PERMEABILITY GLOBULINS/ RECEPTORS, DRUG/ REVIEW

2011. **Keith L, Corretjer F:** Choriocarcinoma. Recent experience in Puerto Rico.
Bol Asoc Med P Rico 59:515-24, Dec 67
ADOLESCENCE/ ADULT/ *CHORIOCARCINOMA, complications/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ PUERTO RICO

2012. **Keller PJ, Wyss HJ, Naville AH:** Der Effekt einmaliger Gonadotropin-Applikation bei Anovulation.
Gynaecologia (Basel) 167:434-8, 1969 (Ger)
ADULT/ AMENORRHEA, blood/ *AMENORRHEA, drug therapy/ AMENORRHEA, urine/ ESTROGENS, urine/ FEMALE/ GONADOTROPINS, CHORIONIC, administration & dosage/ GONADOTROPINS, CHORIONIC, blood/ *GONADOTROPINS, CHORIONIC, therapeutic use/ GONADOTROPINS, CHORIONIC, urine/ HUMAN/ *OVULATION, drug effects

2013. **Kelly RW:** Dimethyldiacetoxy silane as a silylating reagent. A new technique for forming siliconides of corticosteroids. J Chromatogr 43:229-32, 19 Aug 69
*ADRENAL CORTEX HORMONES/ CHEMISTRY/ CHROMATOGRAPHY, GAS/ *INDICATORS AND REAGENTS/ METHODS/ *SILICON

2014. **Kemenade JA van:** The effects of metopirone and aldactone on the pars distalis of the pituitary, the interrenal tissue and the interstitial tissue of the testis in the common frog, Rana temporaria.
Z Zellforsch 96:466-77, 1969
*ADRENAL GLANDS, cytology/ ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ CELL NUCLEUS, drug effects/ *FROGS, anatomy & histology/ HISTOLOGICAL TECHNICS/ MALE/ *METYRAPONE, pharmacodynamics/ *PITUITARY GLAND, POSTERIOR, cytology/ PITUITARY GLAND, POSTERIOR, drug effects/ *SPIRONOLACTONE, pharmacodynamics/ *TESTIS, cytology/ TESTIS, drug effects

2015. **Kemper B, Pratt WB, Aronow L:** Effects of glucocorticoids on nucleic acid synthesis in intact nuclei isolated from mouse fibroblasts.
Proc West Pharmacol Soc 12:69-71, 1969
ADENOSINE TRIPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ *CELL NUCLEUS, metabolism/ DNA NUCLEOTIDYL-TRANSFERASE, metabolism/ FIBROBLASTS, drug effects/ FIBROBLASTS, enzymology/ *FIBROBLASTS, metabolism/ FLUOCINOLONE ACETONIDE, pharmacodynamics/ *GLUCOCORTICOIDS, pharmacodynamics/ IN VITRO/ MICE/ NUCLEIC ACIDS, biosynthesis/ NUCLEIC ACIDS, metabolism/ RNA NUCLEOTIDYL- TRANSFERASES, metabolism/ THYMIDINE, metabolism/ TRITIUM/ URIDINE, metabolism

2016. **Kennedy JW 3d, Tanzer FS, Talmage RV:** Plasma phosphate and the hypocalcemic response of intact, parathyroidectomized and nephrectomized rats to thyrocalcitonin. Endocrinology 85:657-61, Oct 69
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ BONE AND BONES, metabolism/ CALCIUM, blood/ *HYPOCALCEMIA, chemically induced/ NEPHRECTOMY/ PARATHYROID GLANDS, physiology/ PARATHYROID GLANDS, surgery/ *PHOSPHATES, blood/ PHOSPHATES, metabolism/ RATS/ *THYROCALCITONIN, pharmacodynamics/ THYROCALCITONIN, physiology/ TIME FACTORS

2017. **Kenny FM, Midgley AR Jr, Jaffe RB, et al:** Radioimmunoassayable serum LH and FSH in girls with sexual precocity, premature thelarche and adrenarche. J Clin Endocr 29:1272-5, Sep 69
ANALYSIS OF VARIANCE/ ANDROGENS, physiology/ BREAST/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ *FSH, blood/ FSH, secretion/ GRANULOSA CELL TUMOR, drug therapy/ HUMAN/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ *LH, blood/ LH, secretion/ MEDROXYPROGESTERONE, therapeutic use/ *PUBERTY, PRECOCIOUS, blood/ PUBIC SYMPHYSIS/ RADIOIMMUNOASSAY/ *SEX CHARACTERISTICS

2018. **Kenny P, Commoner B:** Transitory free radicals in irradiated animal tissues.
Nature (London) 223:1229-33, 20 Sep 69
ANIMAL EXPERIMENTS/ ELECTRON SPIN RESONANCE/ FREE RADICALS/ HEART, radiation effects/ KIDNEY, radiation effects/ LIVER, radiation effects/ LUNG, radiation effects/ *ORGAN SPECIFICITY/ *RADIATION EFFECTS/ *RADIOCHEMISTRY/ RATS/ TESTIS, radiation effects/ THYMUS GLAND, radiation effects

2019. **Kepp R:** Klinik des Ovarialcarcinoms.
Arch Gynaek 207:272-81, 1969 (Ger)
ANABOLIC STEROIDS, therapeutic use/ ANTINEOPLASTIC AGENTS, therapeutic use/

COMPARATIVE STUDY/ FEMALE/ GOLD ISOTOPES, therapeutic use/ HUMAN/ OVARIAN NEOPLASMS, drug therapy/ OVARIAN NEOPLASMS, mortality/ OVARIAN NEOPLASMS, pathology/ OVARIAN NEOPLASMS, radiotherapy/ OVARIAN NEOPLASMS, surgery/ *OVARIAN NEOPLASMS, therapy/ PROGESTATIONAL HORMONES, therapeutic use

2020. **Kerkof PR, Tata JR:** The subcellular distribution of 32P-labelled phospholipids, 32P-labelled ribonucleic acid and 125I-labelled odoprotein in pig thyroid slices. Effect in vitro of thyrotrophic hormone and dibutyryl-3',5'-(cyclic)-adeosine onophosphate.
Biochem J 112:729-39, May 69
*ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BUTYRATES/ CELL NUCLEUS, metabolism/ CYTOPLASM, metabolism/ ENDOPLASMIC RETICULUM, metabolism/ IN VITRO/ *IODINE/ IODINE ISOTOPES/ IODOPROTEINS, biosynthesis/ MEMBRANES, metabolism/ *MICROSOMES, metabolism/ *MITOCHONDRIA, metabolism/ PHOSPHATES, metabolism/ *PHOSPHOLIPIDS, biosynthesis/ PHOSPHORUS ISOTOPES/ *PROTEINS, biosynthesis/ *RNA, biosynthesis/ STIMULATION, CHEMICAL/ SWINE/ TEMPERATURE/ THYROID GLAND, cytology/ *THYROID GLAND, metabolism/ *THYROTROPIN, pharmacodynamics/ TIME FACTORS

2021. **Kerleau JC de, Cristol P, Chapon JP:** Intérêt clinique de quelques activités aminopeptidasiques sériques, urinaires et placentaires.
Rev Franc Gynec Obstet 62:449-50, Sep 67 (Fre)
*ABORTION, MISSED, diagnosis/ *AMINOPEPTIDASES, analysis/ AMINOPEPTIDASES, blood/ AMINOPEPTIDASES, urine/ *ENZYME TESTS/ FEMALE/ HUMAN/ *PLACENTA, enzymology/ PREGNANCY/ *PREGNANCY COMPLICATIONS, diagnosis

2022. **Kermani EJ:** "Aggression" -- biophysiological aspects.
Dis Nerv Syst 30:407-14, Jun 69 (84 ref.)
*AGGRESSION/ *AMYGDALOID BODY, physiology/ ASTHMA/ BRAIN CHEMISTRY/ CHROMOSOME ABNORMALITIES/ CONDITIONING (PSYCHOLOGY)/ ELECTROENCEPHALOGRAPHY/ EPINEPHRINE, analysis/ FATTY ACIDS, NONESTERIFIED, blood/ HORMONES/ HYPERTENSION/ *HYPOTHALAMUS, physiology/ *MESENCEPHALON, physiology/ MONOAMINE OXIDASE, analysis/ PEPTIC ULCER/ PSYCHOPHYSIOLOGIC DISORDERS/ REVIEW/ SEROTONIN, analysis/ SEX CHROMOSOMES

2023. **Kernis MM, Johnson M:** Effects of trypan blue and Niagara blue 2B on the in vitro absorption of ions by the rat visceral yolk sac.
J Embryol Exp Morph 22:115-25, Aug 69
*ABNORMALITIES, DRUG-INDUCED/ ABSORPTION/ ANIMAL EXPERIMENTS/ *AZO COMPOUNDS, pharmacodynamics/ CALCIUM, metabolism/ CALCIUM ISOTOPES/ CENTRAL NERVOUS SYSTEM, abnormalities/ EMBRYO, metabolism/ FEMALE/ *FETAL MEMBRANES, metabolism/ PREGNANCY/ RATS/ SODIUM, metabolism/ SODIUM ISOTOPES/ SULFATES, metabolism/ SULFUR ISOTOPES/ *TRYPAN BLUE, pharmacodynamics

2024. **Kerrebijn KF:** De status asthmaticus op de kinderleeftijd.
Nederl T Geneesk 113:1286-7, 19 Jul 69 (Dut)
*ASTHMA, drug therapy/ CHILD/ HUMAN/ *PREDNISONE, therapeutic use/ *PROMETHAZINE, therapeutic use/ *XANTHINES, therapeutic use

2025. **Kertselli IuS:** Vnutrivennaia gormono-khimioterapiia bol'nykh khronicheskimi formami tuberkuleza legkikh. Probl Tuberk 45:26-9, 1967 (Rus)
*ADENOSINE TRIPHOSPHATE, therapeutic use/ ADULT/ ASCORBIC ACID, therapeutic use/ CHRONIC DISEASE/ *CORTICOTROPIN, therapeutic use/ FEMALE/ HUMAN/ INJECTIONS, INTRAVENOUS/ *ISONIAZID, therapeutic use/ MALE/ MIDDLE AGE/ PYRIDOXINE, therapeutic use/ *STREPTOMYCIN, therapeutic use/ THIAMINE, therapeutic use/ *TUBERCULOSIS, PULMONARY, drug therapy/ VITAMIN B 12, therapeutic use/ *VITAMINS, therapeutic use

2026. **Keskitalo E, Wilenius R:** Adenomatoida tumörer i funikeln, epididymis och tunica vaginalis testis.
Nord Med 82:1043-5, 21 Aug 69 (Swe)
ADULT/ AGE FACTORS/ ENGLISH ABSTRACT/ *EPIDIDYMIS/ HUMAN/ MALE/ MESOTHELIOMA, diagnosis/ MESOTHELIOMA, pathology/ MESOTHELIOMA, surgery/ MIDDLE AGE/ *SPERMATIC CORD/ *TESTICULAR NEOPLASMS, pathology/ TESTICULAR NEOPLASMS, surgery/ TESTIS, surgery

2027. **Kessler A:** [Bronchial asthma, hypothyroidism (myxedema) and glaucoma in homozygous twins]
Dapim Refuiim 27:314-8, Dec 68 (Heb)
*ASTHMA, familial & genetic/ CASE REPORT/ *DISEASES IN TWINS/ ENGLISH ABSTRACT/ FEMALE/ *GLAUCOMA, familial & genetic/ HUMAN/ MIDDLE AGE/ *MYXEDEMA, familial & genetic

2028. **Kesztele V, Niederkofler J:** Die gegenwärtigen Erstbehandlungsformen der exsudativen Lungentuberkulose bei Erwachsenen.
Wien Med Wschr 119:492-3, 21 Jun 69 (Ger)
ADOLESCENCE/ ADULT/ AGED/ *ANTITUBERCULAR AGENTS, therapeutic use/ CHILD/ CORTICOTROPIN, therapeutic use/ DRUG RESISTANCE, MICROBIAL/ FEMALE/ HUMAN/ ISONIAZID, therapeutic use/ MALE/ MASS CHEST X-RAY/ MIDDLE AGE/ PLEURAL EFFUSION, drug therapy/ STREPTOMYCIN, therapeutic use/ *TUBERCULOSIS, PULMONARY, drug therapy/ TUBERCULOSIS, PULMONARY, radiography

2029. **Keutel J, Dauner I:** XYY-Status bei Kindern.
Z Kinderheilk 106:314-32, 1969 (Ger)
ADOLESCENCE/ BODY HEIGHT/ BONE AND BONES, abnormalities/ CHILD/ CHILD BEHAVIOR DISORDERS, complications/ CHILD, PRESCHOOL/ EAR, EXTERNAL, DEFORMITY, complications/ ENGLISH ABSTRACT/ EYE, abnormalities/ FIBROBLASTS, analysis/ GENITALIA, MALE, abnormalities/ HEART DEFECTS, CONGENITAL, complications/ HUMAN/ INFANT/ INFANT, NEWBORN/ JOINTS, abnormalities/ KARYOTYPING/ LEUKOCYTES, analysis/ MALE/ MENTAL RETARDATION, complications/ PSYCHOMOTOR DISORDERS, complications/ SEX CHROMOSOME ABNORMALITIES, blood/ *SEX CHROMOSOME ABNORMALITIES, diagnosis/ SEX CHROMOSOMES, analysis/ STRABISMUS, complications/ TOOTH ABNORMALITIES, complications

2030. **Keyserlingk H von:** Psychiatrische Probleme der Jugend und Adolescenz.
Psychiat Neurol Med Psychol (Leipzig) 21:212-8, Jun 69 (Ger)
ADAPTATION, PSYCHOLOGICAL/ ADOLESCENCE/ AFFECTIVE DISTURBANCES, diagnosis/ CHILD/ *CHILD BEHAVIOR DISORDERS, diagnosis/ *CHILD PSYCHIATRY/ CHILD PSYCHIATRY, history/ EMACIATION, diagnosis/ ENGLISH ABSTRACT/ ENVIRONMENT/ FEMALE/ HUMAN/ MALE/ PROGNOSIS/ PSYCHOSEXUAL DEVELOPMENT/ PUBERTY/ RUNAWAY REACTION, diagnosis

2031. **Khakimov LK:** Nekotorye voprosy profilaktiki narusheniĭ A-vitaminnogo kormleniia korov.
Veterinariia 44:79-81, Sep 67 (Rus)
ANIMAL EXPERIMENTS/ *ANIMAL

NUTRITION/ CATTLE/ *COBALT, pharmacodynamics/ *ERGOCALCIFEROL, pharmacodynamics/ FEMALE/ *VITAMIN A, metabolism

2032. Khakkenzel'ner KhA, Néter I: K voprosu prochnosti liofilizirovannykh tkanei, sterilizovannykh luchami gamma.
Sborn Ved Prac Lek Fak Karlov Univ Suppl:549-51, 1968 (Rus)
BONE AND BONES/ *ELASTICITY/ ENGLISH ABSTRACT/ *FREEZE DRYING/ HUMAN/ METHODS/ RADIOISOTOPES/ *STERILIZATION/ TISSUE BANKS/ *TISSUE PRESERVATION

2033. Khanna KK, Roy PB, Bhatt VP: Female pseudohermaphroditism in conjoined twins.
Indian J Med Sci 23:201-5, Apr 69
*DISEASES IN TWINS/ FEMALE/ *HERMAPHRODITISM/ HUMAN/ SEX DETERMINATION/ *TWINS, CONJOINED

2034. Khanna SS, Pant MC: Cyclic changes in the pituitary gland of Glyptothorax pectinopterus (McClelland) in correlation with its reproductive cycle.
Acta Anat (Basel) 72:148-57, 1969
ANIMAL EXPERIMENTS/ FEMALE/ FISHES/ HISTOCYTOCHEMISTRY/ OVARY, physiology/ *PITUITARY GLAND, cytology/ PITUITARY GLAND, physiology/ *REPRODUCTION

2035. Kharchenko SF: Vliianie adrenaléktomii na chuvstvitel'nost' laichnikov belykh krys k khorial'nomu gonadotropinu pri ego odnovremennom vvedenii s éstrogenami, androgenami progesteronom.
Probl Endokr (Moskva) 13:111-5, May-Jun 67 (Rus)
*ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *ESTRADIOL, pharmacodynamics/ *GONADOTROPINS, CHORIONIC, pharmacodynamics/ ORGAN WEIGHT/ *OVARY, drug effects/ *PROGESTERONE, pharmacodynamics/ RATS/ *TESTOSTERONE, pharmacodynamics/ UTERUS, drug effects

2036. Khazanov MKh: Opyt opredeleniia 17-oksikortikosteroidov v moche i plazme krovi po metodu Sil'bera i Portera v nekotorykh ego modifikatsiiakh. Lab Delo 8:470-2, 1968 (Rus)
*CHEMISTRY, ANALYTICAL/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, blood/ *17-HYDROXYCORTICOSTEROIDS, urine/ METHODS/ *SPECTROPHOTOMETRY, instrumentation

2037. Khazanov MKh: Ob otsenko funktsional'nogo sostoianiia kroy nadpochechnikov u lits s zabolevaniiami pecheni.
Probl Endokr (Moskva) 13:37-41, May-Jun 67 (Rus)
*ADRENAL GLANDS, physiopathology/ CHRONIC DISEASE/ CORTICOTROPIN, diagnostic use/ ENGLISH ABSTRACT/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ LIVER CIRRHOSIS, physiopathology/ *LIVER DISEASES, physiopathology/ PREDNISOLONE, diagnostic use

2038. Khodorovskaia ED, Akopian ZhI: Izmenenie aktivnosti gidroksilazy fenilalanina v pecheni belykh krys v postnatal'nom periode.
Vop Med Khim 14:628-31, Nov-Dec 68 (Rus)
AGE FACTORS/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ HYDROCORTISONE, pharmacodynamics/ *HYDROXYLASES, metabolism/ *LIVER, enzymology/ LIVER, growth & development/ PHENYLALANINE/ RATS

2039. Kholdin SA: Printsipy i granitsy khirurgicheskogo lecheniia raka molochnoi zhelezy.
Vop Onkol 15:10-6, 1969 (Rus)
ANTINEOPLASTIC AGENTS, therapeutic use/ BREAST NEOPLASMS, diagnosis/ BREAST NEOPLASMS, radiotherapy/ *BREAST NEOPLASMS, surgery/ BREAST NEOPLASMS, therapy/ CASTRATION/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ LYMPH NODE EXCISION/ LYMPHATIC METASTASIS/ *MASTECTOMY/ METHODS/ NEOPLASM RECURRENCE, LOCAL, prevention & control/ OVARY/ POSTOPERATIVE COMPLICATIONS, prevention & control

2040. Khomenko PV, Vasilenko VA, Marchenko VK: Nekotorye voprosy dispanserizatsii bol'nykh.
Vrach Delo 6:121-4, Jun 69 (Rus)
*AMBULATORY CARE/ GALLBLADDER DISEASES, therapy/ GASTRITIS, therapy/ HUMAN/ PEPTIC ULCER, therapy/ *PUBLIC HEALTH ADMINISTRATION/ RUSSIAN FEDERATION (EUROPE)/ THYROID DISEASES, therapy

2041. Khristoliubova NB: Izmeneniia v ul'trastrukture keltok pecheni krys pri dlitel'noi induktsii fermentov.
Tsitologiia 11:32-7, Jan 69 (Rus)
ALDEHYDE-LYASES, biosynthesis/ ANIMAL EXPERIMENTS/ ENDOPLASMIC RETICULUM/ ENGLISH ABSTRACT/ *ENZYME INDUCTION/ GLUCOSEPHOSPHATASE, biosynthesis/ *HYDROCORTISONE, pharmacodynamics/ INSULIN, pharmacodynamics/ *LIVER, cytology/ MALE/ MICROSCOPY, ELECTRON/ MITOCHONDRIA, LIVER/ *PROTEINS, biosynthesis/ RATS/ RIBOSOMES/ *RNA, biosynthesis/ TYROSINE AMINOTRANSFERASE, biosynthesis

2042. Khumbananda M, Horowitz HI, Eyster ME: Coombs' positive hemolytic anemia in myelofibrosis with myeloid metaplasia. Amer J Med Sci 258:89-93, Aug 69
ADULT/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, drug therapy/ *ANEMIA, HEMOLYTIC, AUTOIMMUNE, etiology/ BUSULFAN, therapeutic use/ *COOMBS' TEST/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *MYELOFIBROSIS, complications/ *MYELOID METAPLASIA, complications/ PREDNISONE, therapeutic use

2043. Kiauta B: Sex chromosomes and sex determining mechanisms in Odonata, with a review of the cytological conditions in the family Gomphidae, and references to the karyotypic evolution in the order.
Genetica 40:127-57, 1969
ANIMAL EXPERIMENTS/ *EVOLUTION/ FEMALE/ *INSECTS/ KARYOTYPING/ MALE/ MEIOSIS/ *SEX CHROMOSOMES/ *SEX DETERMINATION

2044. Kiauta B, Lankhorst L: The chromosomes of the caddis-fly, Glyphotaelius pellucidus (Retzius, 1783) (Trichoptera: Limnephilidae, Limnephilinae).
Genetica 40:1-6, 1969
ANIMAL EXPERIMENTS/ *CHROMOSOMES/ CROSSING OVER (GENETICS)/ CYTOGENETICS/ *DIPTERA, cytology/ FEMALE/ MALE/ MEIOSIS/ MITOSIS/ SEX CHROMOSOMES

2045. Kibrick AC, Milhorat AT: Prednisone effect on serum hydroxyproline fractions.
Proc Soc Exp Biol Med 131:1424-6, Sep 69
ADOLESCENCE/ ADULT/ ANIMAL EXPERIMENTS/ BLOOD PROTEINS, analysis/ CHILD/ DEPRESSION, CHEMICAL/ DIFFUSION/ HUMAN/ *HYDROXYPROLINE, blood/ HYDROXYPROLINE, metabolism/ MALE/ MUSCULAR DYSTROPHY, blood/ *PREDNISONE, pharmacodynamics/ RATS

2046. Kiefer BI: Phenotypic effects of Y chromosome mutations in Drosophila melanogaster. I. Spermiogenesis and sterility in KL-1- males.
Genetics 61:157-66, Jan 69
ANIMAL EXPERIMENTS/ FEMALE/ MALE/ MICROSCOPY/ MICROSCOPY, ELECTRON/ MOVEMENT/ *MUTATION/ *SEX CHROMOSOMES/ SPERMATOZOA, cytology/ *SPERMATOZOA, growth & development/ *STERILITY, MALE

2047. Klenia AI: Vliianie tireoidina i 6-metiltiouratsila na sekretorno-fermentativnuiu deiatel'nost' podzheludochnoi zhelezy.
Fiziol Zh SSSR Sechenov 55:221-6, Feb 69 (Rus)
AMYLASE, biosynthesis/ ANIMAL EXPERIMENTS/ LIPASE, biosynthesis/

*METHYLTHIOURACIL, pharmacodynamics/ *PANCREAS, drug effects/ PANCREAS, enzymology/ PANCREAS, secretion/ *PANCREATIC JUICE, secretion/ SECRETORY RATE, drug effects/ SWINE/ *THYROID HORMONES, pharmacodynamics/ TRYPSIN, biosynthesis

2048. **Kieslich K, Berndt HD, Wiechert R, et al:** Blockierung der mikrobiologischen 11-beta-Hydroxylierung von Steroiden durch 18-Methyl-Substitution.
Liebig Ann Chem 726:161-7, 1969 (Ger)
CHEMISTRY/ ENGLISH ABSTRACT/ *17-HYDROXYCORTICOSTEROIDS, metabolism/ *MONILIALES, metabolism/ *TESTOSTERONE, metabolism

2049. **Kieslich K, Petzoldt K, Kosmol H, et al:** Darstellung von 6-alpha-Fluor-16-alpha-methyl-11-beta-21-dihydroxy-1.4-pregnadien-3.20-dion (Fluocortolon) über eine Substrat-Struktur-gelenkte spezifische 11-beta-Hydroxylierung mit Curvularia lunata.
Liebig Ann Chem 726:168-76, 1969 (Ger)
CHEMISTRY/ ENGLISH ABSTRACT/ *GLUCOCORTICOIDS, biosynthesis/ *MONILIALES, metabolism

2050. **Kieslich K, Schulz G:** Westfalen-Lettré-Umlagerungen an 16-alpha-Methyl-3,4-dihydro-corticosteron-Strukturen. Liebig Ann Chem 726:152-60, 1969 (Ger)
*ASPERGILLUS, metabolism/ CHEMISTRY/ ENGLISH ABSTRACT/ *PREGNANES, metabolism

2051. **Kihara T:** [Pathology of the juxtaglomerular cells and juxtaglomerular cell tumor]
Jap J Clin Med 27:1251-6, Apr 69 (Jap)
ADOLESCENCE/ ADULT/ AGED/ FEMALE/ HUMAN/ *JUXTAGLOMERULAR APPARATUS, pathology/ *KIDNEY NEOPLASMS, pathology/ MALE/ MIDDLE AGE/ RENIN, metabolism/ WATER-ELECTROLYTE BALANCE

2052. **Kikuyama S:** Alteration by neonatal hypothyroidism of the critical period for the induction of persistent estrus in the rat. Endocr Jap 16:269-73, Apr 69
*ANDROGENS, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ANIMALS, NEWBORN/ BODY WEIGHT/ *ESTRUS, drug effects/ FEMALE/ GROWTH, drug effects/ HYPOTHALAMUS, growth & development/ HYPOTHYROIDISM, chemically induced/ *HYPOTHYROIDISM, physiopathology/ INJECTIONS, SUBCUTANEOUS/ ORGAN WEIGHT/ OVARY, growth & development/ PROPYLTHIOURACIL/ RATS/ TESTOSTERONE, pharmacodynamics/ THYROID GLAND, anatomy & histology/ THYROXINE, pharmacodynamics/ TIME FACTORS/ VAGINAL SMEARS

2053. **Kikuyama S, Mura K, Yasumasu I:** Role of pituitary gland in melanin synthesis in tadpole skin.
Endocr Jap 16:275-8, Apr 69
ANIMAL EXPERIMENTS/ DACTINOMYCIN, pharmacodynamics/ DIPHENOL OXIDASES, metabolism/ HYPOPHYSECTOMY/ *MELANIN, biosynthesis/ METAMORPHOSIS, BIOLOGICAL/ MSH, physiology/ *PITUITARY GLAND, physiology/ RNA, biosynthesis/ SKIN, enzymology/ *SKIN, metabolism/ TISSUE EXTRACTS, pharmacodynamics/ TOADS

2054. **Kilinskiĭ EL, Kertsman VI, Slavina LS:** O sokratitel'noĭ sposobnosti miokarda u bol'nykh kortikosteromoĭ.
Probl Endokr (Moskva) 15:40-2, Mar-Apr 69 (Rus)
ADOLESCENCE/ *ADRENAL GLAND NEOPLASMS, physiopathology/ ADULT/ CHILD/ ELECTROKYMOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ *HEART, physiopathology/ HUMAN/ MALE/ MIDDLE AGE/ MUSCLE CONTRACTION

2055. **Kimura I, Kitajima K:** [Chemotherapy of leukemia--application of anti-leukemic agents]
Jap J Clin Med 27:1671-8, Jun 69 (Jap)
ADULT/ *ALKYLATING AGENTS, therapeutic use/ *ANTIBIOTICS, ANTINEOPLASTIC, therapeutic use/ *ANTIMETABOLITES, therapeutic use/ *HORMONES, therapeutic use/ HUMAN/ *LEUKEMIA, drug therapy/ MALE/ MIDDLE AGE

2056. **Kimura T:** [Electron microscopic study of the mechanism of secretion of milk]
J Jap Obstet Gynec Soc 21:301-8, Mar 69 (Jap)
ANIMAL EXPERIMENTS/ CASEIN, secretion/ ESTROGENS, pharmacodynamics/ FEMALE/ *LACTATION/ *MAMMAE, cytology/ MAMMAE, drug effects/ MAMMAE, metabolism/ MICROSCOPY, ELECTRON/ PREGNANCY/ PROGESTERONE, pharmacodynamics/ PROLACTIN, pharmacodynamics/ RABBITS/ RATS

2057. **King RJ, Gordon J, Steggles AW:** The properties of a nuclear acidic protein fraction that binds [6,7-3H]oestradiol-17beta.
Biochem J 114:649-57, Sep 69
ADENOCARCINOMA, metabolism/ ANIMAL EXPERIMENTS/ *CELL NUCLEUS, analysis/ CYTOPLASM, analysis/ ELECTROPHORESIS/ ESCHERICHIA COLI, enzymology/ *ESTRADIOL, metabolism/ FEMALE/ HISTONES/ KIDNEY, analysis/ MAMMARY NEOPLASMS, EXPERIMENTAL, metabolism/ PEPTIDES/ PHOSPHATES, analysis/ PROTAMINES/ PROTEIN BINDING/ *PROTEINS, isolation & purification/ RATS/ *RECEPTORS, DRUG/ RNA, analysis/ RNA NUCLEOTIDYL- TRANSFERASES, metabolism/ TRITIUM/ UTERUS, analysis

2058. **Kinoshita F, Maekawa A, Nakashikiryo K, et al:** [Thyroid function test with the TBI-kit]
Rinsho Hosha 14:323-8, Apr 69 (Jap)
HUMAN/ METHODS/ *PROTEIN-BOUND IODINE TEST/ TEMPERATURE/ THYROID DISEASES, physiopathology/ *THYROXINE-BINDING PROTEIN

2059. **Kinsella RA Jr, Muelheims GH, Francis FE:** Adrenal response to hypophysectomy in the newborn dog.
Proc Soc Exp Biol Med 131:1389-92, Sep 69
ADRENAL GLANDS, blood supply/ *ADRENAL GLANDS, secretion/ ANIMAL EXPERIMENTS/ *ANIMALS, NEWBORN, physiology/ CORTICOTROPIN, physiology/ DOGS/ HYDROCORTISONE, blood/ HYDROCORTISONE, secretion/ *HYPOPHYSECTOMY/ SECRETORY RATE/ VEINS

2060. **Kinson GA, Singer B:** Influence of renal nerves on the secretion of aldosterone in the rat.
Acta Endocr (Kobenhavn) 61:239-47, Jun 69
ADRENAL GLANDS, secretion/ *ALDOSTERONE, secretion/ ANIMAL EXPERIMENTS/ CORTICOSTERONE, secretion/ *DENERVATION, adverse effects/ DIET/ HYPONATREMIA, physiopathology/ *KIDNEY, innervation/ MALE/ RATS/ SPINAL NERVES, surgery

2061. **Kinzey WG:** The effect of protein deficiency on uterine sensitivity in the pseudopregnant rat.
Acta Endocr (Kobenhavn) 61:232-8, Jun 69
ANIMAL EXPERIMENTS/ DECIDUA, physiopathology/ ESTRONE, pharmacodynamics/ PROGESTERONE, pharmacodynamics/ *PROTEIN DEFICIENCY, physiopathology/ *PSEUDOPREGNANCY/ RATS/ UTERUS, drug effects/ *UTERUS, physiopathology

2062. **Kirchmayer S:** Stan obecny i perspektywy rozwoju terapii ostrych białaczek.
Pol Tyg Lek 24:1069-71, Jul 69 (17 ref.) (Pol)
ANTINEOPLASTIC AGENTS, therapeutic use/ HUMAN/ LEUKEMIA, LYMPHOBLASTIC, drug therapy/ *LEUKEMIA, LYMPHOBLASTIC, therapy/ LEUKEMIA, MYELOBLASTIC, drug therapy/ *LEUKEMIA, MYELOBLASTIC, therapy/ METHOTREXATE, therapeutic use/ PREDNISONE, therapeutic use/ REVIEW/ VINCRISTINE, therapeutic use

2063. **Kirchner JA:** One hundred laryngeal cancers studies by serial section. Ann Otol 78:689-709, Aug 69

CARTILAGE, pathology/ ELASTIC TISSUE, pathology/ EPIGLOTTIS, pathology/ GLOTTIS, pathology/ HUMAN/ *LARYNGEAL NEOPLASMS, pathology/ LARYNGEAL NEOPLASMS, surgery/ LARYNGECTOMY/ MOVEMENT/ MUSCLES, pathology/ THYROID GLAND/ VOCAL CORDS, pathology

2064. **Kirdei EG, Kiselev OI:** Aktivnost' kholinésterazy i kontsentratsiia atetikholina v protsesse immunogeneza. Zh Mikrobiol 44:67-70, Oct 67 **(Rus)**
*ACETYLCHOLINE, analysis/ ANIMAL EXPERIMENTS/ *ANTIBODY FORMATION/ *CHOLINESTERASE, analysis/ COLORIMETRY/ ENGLISH ABSTRACT/ *HYPOTHALAMUS, analysis/ *LIVER, analysis/ *PARATYPHOID FEVERS, immunology/ PHOTOMETRY/ RABBITS/ RATS/ *SPLEEN, analysis/ *TYPHOID, immunology/ VACCINATION

2065. **Kirkeby K:** Post heparin plasma lipoprotein lipase activity in thyroid disease.
Acta Endocr (Kobenhavn) 59:555-63, Dec 68
ANIMAL EXPERIMENTS/ CHOLESTEROL, blood/ HEPARIN/ HUMAN/ *HYPERTHYROIDISM, blood/ *HYPOTHYROIDISM, blood/ *LIPOPROTEIN LIPASE, blood/ LIPOPROTEIN LIPASE, metabolism/ RABBITS/ THYROXINE/ TRIGLYCERIDES, blood

2066. **Kirksey A, Driskell JA, Miller IE:** Pyridoxine deficiency and iron metabolism in the pregnant rat: fetal responses. J Nutr 99:9-15, Sep 69
AMNIOTIC FLUID, metabolism/ ANIMAL EXPERIMENTS/ FEMALE/ FERRITIN, blood/ *FETUS, metabolism/ HEMOSIDERIN, blood/ IRON, blood/ *IRON, metabolism/ IRON, therapeutic use/ MATERNAL-FETAL EXCHANGE/ PLACENTA, metabolism/ PREGNANCY/ *PYRIDOXINE DEFICIENCY, metabolism/ RABBITS/ TRANSFERRIN, blood

2067. **Kirpatrickwe, Lomax P, Jenden DJ:** Iontophoretic application of acetylcholine to thermoregulatory centers of rats. Proc West Pharmacol Soc 12:725, 1969
ACETYLCHOLINE, administration & dosage/ *ACETYLCHOLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ATROPINE, pharmacodynamics/ *BODY TEMPERATURE REGULATION, drug effects/ CARBACHOL, pharmacodynamics/ FEMALE/ HYPOTHALAMUS, drug effects/ IONTOPHORESIS/ NEURAL TRANSMISSION, drug effects/ RATS/ STEREOTAXIC TECHNICS/ SYNAPSES, drug effects

2068. **Kirschner MA, Taylor JP:** New derivatives for electron capture--gas chromatography of steroids: a simplified procedure for measuring plasma testosterone.
Anal Biochem 30:346-57, Sep 69
BUTYRATES/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ ELECTRONS/ ESTRADIOL, analysis/ FEMALE/ HUMAN/ HYDROCARBONS, HALOGENATED/ MALE/ METHODS/ *TESTOSTERONE, blood/ TRITIUM

2069. **Kirshner N, Smith WJ:** Metabolic requirements for secretion from the adrenal medulla.
Life Sci 8:799-803, 1 Aug 69
*ACETYLCHOLINE, pharmacodynamics/ *ADRENAL MEDULLA, secretion/ ANIMAL EXPERIMENTS/ *CATECHOLAMINES, secretion/ CATTLE/ CYANIDES, pharmacodynamics/ DRUG SYNERGISM/ GLYCOLYSIS/ IN VITRO/ IODOACETATES, pharmacodynamics/ OXIDATIVE PHOSPHORYLATION/ PERFUSION

2070. **Kirsten WH, Mayer LA:** Malignant lymphomas of extrathymic origin induced in rats by murine erythroblastosis virus.
J Nat Cancer Inst 43:735-46, Sep 69
ADRENAL GLANDS, pathology/ ADRENAL MEDULLA, pathology/ AGE FACTORS/ ANIMAL EXPERIMENTS/ BONE AND BONES, pathology/ BONE MARROW DISEASES, pathology/ CEREBRAL HEMORRHAGE, etiology/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, INTRAVENOUS/ KIDNEY, pathology/ LEUKEMIA, EXPERIMENTAL, etiology/ LEUKEMIA, EXPERIMENTAL, pathology/ LIVER, pathology/ LYMPH NODES, pathology/ *LYMPHOMA, etiology/ LYMPHOMA, pathology/ MEDIASTINUM, pathology/ *MOUSE LEUKEMIA VIRUSES, pathogenicity/ NEOPLASM TRANSPLANTATION/ PANCREAS, pathology/ RATS/ SARCOMA, EXPERIMENTAL, etiology/ SPECIES SPECIFICITY/ SPLEEN, pathology/ THYMUS GLAND, cytology

2071. **Kiselev PN, Sivertseva VN, Arkad'eva GE:** Nekotorye dannye o protsessakh estestvennoi detoksikatsii organizma pri infektsionnykh protsessakh.
Zh Mikrobiol 44:93-9, Oct 67 (19 ref.) **(Rus)**
AMINO ACIDS, therapeutic use/ CHICK EMBRYO/ CLOSTRIDIUM INFECTIONS, metabolism/ CORTISONE, therapeutic use/ EMBRYO/ ENGLISH ABSTRACT/ FIBROBLASTS/ HUMAN/ IN VITRO/ METHYLTHIOURACIL, therapeutic use/ RETICULOENDOTHELIAL SYSTEM, metabolism/ REVIEW/ STAPHYLOCOCCAL INFECTIONS, metabolism/ THYROID HORMONES, therapeutic use/ TOXEMIA, drug therapy/ *TOXEMIA, metabolism/ *TOXINS, metabolism/ TYPHOID, metabolism

2072. **Kishore N, Puspa MS:** A comparative study of acceleration of labour by sparteine sulphate and oxytocin. J Indian Med Ass 52:449-53, 16 May 69
ADULT/ FEMALE/ HUMAN/ *LABOR, INDUCED/ *OXYTOCIN, therapeutic use/ PREGNANCY/ *SPARTEINE, therapeutic use/ SULFATES, therapeutic use/ *UTERINE INERTIA, drug therapy

2073. **Kisin IE:** Vliianie farmakologicheskikh sredstv na krovosnabzhenie i energetiku serdtsa.
Kardiologiia 9:143-9, Jun 69 (67 ref.) **(Rus)**
ANIMAL EXPERIMENTS/ BLOOD FLOW VELOCITY/ CORONARY DISEASE, drug therapy/ *CORONARY VESSELS, drug effects/ DIPYRIDAMOLE, pharmacodynamics/ GANGLIONIC-BLOCKING AGENTS/ GLYCERYL TRINITRATE, pharmacodynamics/ *HEART, drug effects/ MORPHINE, pharmacodynamics/ MYOCARDIUM, metabolism/ OXYGEN, blood/ PAPAVERINE, pharmacodynamics/ PARTIAL PRESSURE/ PHENOTHIAZINES/ PRENYLAMINE, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ RESERPINE, pharmacodynamics/ REVIEW/ SYMPATHOLYTICS/ THYROID ANTAGONISTS, pharmacodynamics/ VASODILATOR AGENTS/ VASODILATOR AGENTS, pharmacodynamics/ VEINS, drug effects

2074. **Kistler HJ, Scheitlin W, Mayor G, et al:** Autonomer Hyperparathyreoidismus infolge Nebenschilddrüsenadenom nach Nierentransplantation.
Deutsch Med Wschr 94:2140-5, 17 Oct 69 (Ger)
ADENOMA, etiology/ ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ HUMAN/ HYPERCALCEMIA, etiology/ *HYPERPARATHYROIDISM, etiology/ KIDNEY, transplantation/ *KIDNEY FAILURE, CHRONIC, complications/ MALE/ *PARATHYROID NEOPLASMS, complications/ PARATHYROID NEOPLASMS, pathology/ PERITONEAL DIALYSIS/ TRANSPLANTATION, HOMOLOGOUS

2075. **Kistner RW:** Progestational agents and endometriosis.
Obstet Gynec 34:457-8, Sep 69
*ENDOMETRIOSIS, drug therapy/ FEMALE/ HUMAN/ *PROGESTATIONAL HORMONES, therapeutic use

2076. **Kito J:** Electron microscopic observations on the thyroid gland of the elasmobranchs.
Okajima Folia Anat Jap 46:41-57, Apr 69
ANIMAL EXPERIMENTS/ *FISHES/ MICROSCOPY, ELECTRON/ *THYROID GLAND, cytology

2077. **Kizel'man ED, Kurbanov TG:** O sostoianii organa zreniia u detei s gipofizarnym nanizmom.
Probl Endokr (Moskva) 15:60-3, May-Jun 69 (Rus)
ADOLESCENCE/ BLOOD PRESSURE/ CHILD/ DWARFISM, PITUITARY, complications/ *DWARFISM, PITUITARY, physiopathology/ ENGLISH ABSTRACT/ *EYE MANIFESTATIONS/ FEMALE/ HUMAN/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiopathology/ MALE

2078. **Klaus W:** Uber den Einfluss von Digitalis auf die Ca-Bindung in subcellulären Fraktionen des Herzmuskels.
Naunyn Schmiedeberg Arch Pharm 263:24-5, 1969 (Ger)
BIOLOGICAL TRANSPORT, ACTIVE/ *CALCIUM, metabolism/ *DIGITALIS GLYCOSIDES, pharmacodynamics/ ENDOPLASMIC RETICULUM, drug effects/ *ENDOPLASMIC RETICULUM, metabolism/ HEART, drug effects/ MYOCARDIUM, cytology/ *MYOCARDIUM, metabolism/ STIMULATION, CHEMICAL

2079. **Klaus W, Alpermann HG, Gerber HG, et al:** In vitro-Untersuchungen über den Einfluss von Digitoxin auf die Aufnahme von Calcium in Lipoidextrakte aus dem Herzmuskel.
Naunyn Schmiedeberg Arch Pharm 263:230-1, 1969 (Ger)
ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ *DIGITOXIN, pharmacodynamics/ GUINEA PIGS/ HEART, drug effects/ IN VITRO/ *MYOCARDIUM, metabolism/ STIMULATION, CHEMICAL/ TISSUE EXTRACTS

2080. **Kleeman CR, Massry SG, Coburn JW, et al:** The problem and unanswered questions. Renal osteodystrophy, soft tissue calcification, and distrubed divalent ion metabolism in chronic renal failure.
Arch Intern Med (Chicago) 124:262-8, Sep 69
CALCINOSIS, drug therapy/ *CALCINOSIS, etiology/ CALCINOSIS, metabolism/ HUMAN/ HYPERPARATHYROIDISM, etiology/ HYPOCALCEMIA, etiology/ *KIDNEY FAILURE, CHRONIC, complications/ *KIDNEY FAILURE, CHRONIC, metabolism/ PHOSPHORUS METABOLISM DISORDERS, etiology/ RICKETS, RENAL, drug therapy/ *RICKETS, RENAL, etiology/ RICKETS, RENAL, metabolism/ VITAMIN D, therapeutic use

2081. **Klein B:** O uso de um ACTH de depósito em patologia reumatológica aguda (observação de 30 pacientes.
Hospital (Rio) 75:1641-7, May 69 (Por)
ACUTE DISEASE/ ADULT/ AGED/ *ARTHRITIS, RHEUMATOID, drug therapy/ *CORTICOTROPIN, administration & dosage/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE

2082. **Klein EM, Cochran JF, Buck RL:** The effects of short-term corticosteroid therapy on the symptoms of infectious mononucleosis pharyngotonsillitis: a double-blind study.
J Amer Coll Health Ass 17:446-52, Jun 69
CLINICAL RESEARCH/ *GLUCOCORTICOIDS, administration & dosage/ *INFECTIOUS MONONUCLEOSIS, complications/ MALE/ PARAMETHASONE, administration & dosage/ PLACEBOS/ *TONSILLITIS, drug therapy/ TONSILLITIS, etiology

2083. **Klein L:** Reversible transformation of fibrous collagen to a soluble state in vivo.
Proc Nat Acad Sci USA 62:920-7, Mar 69
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY/ CITRATES/ *COLLAGEN, metabolism/ CONNECTIVE TISSUE, metabolism/ HYDROXYPROLINE, analysis/ HYPOPHYSECTOMY/ MALE/ PITUITARY GLAND, physiology/ PROLINE/ RATS/ SKIN, analysis/ SKIN, metabolism/ SOLUBILITY/ TRITIUM

2084. **Klein R:** The treatment of primary breast cancer. Comments.
Arch Surg (Chicago) 99:418, Sep 69
ADRENALECTOMY/ BREAST NEOPLASMS, mortality/ *BREAST NEOPLASMS, radiotherapy/ *BREAST NEOPLASMS, surgery/ CASTRATION/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ HYPOPHYSECTOMY/ LYMPHATIC METASTASIS/ NEOPLASM RECURRENCE, LOCAL

2085. **Kleinknecht D, Rosselin G, Tchobroutsky G, et al:** Administration intra-veineuse de lysine-8-vasopressine et d'ocytocine synthétiques. Effets sur les taux plasmatiques de l'hormone de croissance, de l'hormone folliculo-stimulante et de l'insuline.
Presse Med 77:856-8, 10 May 69 (Fre)
ADOLESCENCE/ ADULT/ BLOOD SUGAR/ ENGLISH ABSTRACT/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ *FSH, blood/ GLUCOSE TOLERANCE TEST/ HUMAN/ INJECTIONS, INTRAVENOUS/ *INSULIN, blood/ LYSINE, administration & dosage/ *LYSINE, pharmacodynamics/ MALE/ OXYTOCIN, administration & dosage/ *OXYTOCIN, pharmacodynamics/ PERFUSION/ *SOMATOTROPIN, blood/ VASOPRESSIN, administration & dosage/ *VASOPRESSIN, pharmacodynamics

2086. **Kleinsorge H:** Grundlagen der Allergie.
Wien Med Wschr 119:403-6, 31 May 69 (1 ref.) (Ger)
ADRENAL CORTEX HORMONES, therapeutic use/ ANAPHYLAXIS/ ANTIGEN-ANTIBODY REACTIONS/ ANTILYMPHOCYTE SERUM, therapeutic use/ DESENSITIZATION/ *DRUG HYPERSENSITIVITY/ DRUG HYPERSENSITIVITY, drug therapy/ DRUG HYPERSENSITIVITY, etiology/ DRUG HYPERSENSITIVITY, immunology/ DRUG HYPERSENSITIVITY, physiopathology/ DRUG TOLERANCE/ HAPTENS, pharmacodynamics/ HUMAN/ HYPERSENSITIVITY, DELAYED/ HYPERSENSITIVITY, IMMEDIATE/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ PENICILLIN, adverse effects/ REVIEW/ VASCULAR DISEASES, chemically induced

2087. **Klemm D:** Kollagenkrankheiten.
Med Klin 64:1065-8, 6 Jun 69 (33 ref.) (Ger)
ANTINEOPLASTIC AGENTS, therapeutic use/ BIOPSY/ *COLLAGEN DISEASES/ COLLAGEN DISEASES, complications/ CORPUS LUTEUM HORMONES, therapeutic use/ DERMATOMYOSITIS, diagnosis/ DERMATOMYOSITIS, drug therapy/ DERMATOMYOSITIS, physiopathology/ HUMAN/ KIDNEY FAILURE, ACUTE, etiology/ PERIARTERITIS NODOSA, diagnosis/ PERIARTERITIS NODOSA, drug therapy/ PERIARTERITIS NODOSA, physiopathology/ PREDNISONE, therapeutic use/ PROGNOSIS/ REVIEW/ SCLERODERMA, diagnosis/ SCLERODERMA, drug therapy/ SCLERODERMA, physiopathology

2088. **Kliachko VR, Mazovetskiĭ AG, Kalinin AP, et al:** Ginekomastiia pri toksicheskom zobe.
Probl Endokr (Moskva) 14:32-6, Jul-Aug 68 (Rus)
ADULT/ ESTRADIOL, urine/ ESTRIOL, urine/ ESTRONE, urine/ FEMALE/ GOITER/ *GYNECOMASTIA, etiology/ HUMAN/ *HYPERTHYROIDISM, complications/ MALE/ MIDDLE AGE

2089. **Kliachko VR, Slavina LS, Vol'nova MK:** Vosstanovlenie sinusovogo ritma u bol'nogo toksicheskim zobom s trepetaniem predserdiĭ posle konservativnoĭ terapii.
Probl Endokr (Moskva) 13:56-8, May-Jun 67 (Rus)
AURICULAR FLUTTER, drug therapy/ *AURICULAR FLUTTER, etiology/ ELECTROCARDIOGRAPHY/ *GOITER, EXOPHTHALMIC, complications/ GOITER, EXOPHTHALMIC, surgery/ HUMAN/ MALE/ MIDDLE AGE

2090. **Kliachko VR, Stoilov LD, Shapiro GA:** Narushenie obmena serotonina pri prvichnoĭ miksedema.
Vop Med Khim 14:577-80, Nov-Dec 68 (Rus)
ENGLISH ABSTRACT/ HUMAN/ *HYDROXYINDOLEACETIC ACID, urine/ MYXEDEMA, drug therapy/ *MYXEDEMA, metabolism/ SEROTONIN, blood/

SEROTONIN, metabolism/ STIMULATION, CHEMICAL/ TIME FACTORS/ TRIIODOTHYRONINE, therapeutic use

2091. **Kliachko VR, Tirkina TN:** Vlianie triiodtironina na funktsiiu pochek u bol'nykh pervichnoĭ miksedemoĭ.
Probl Endokr (Moskva) 14:31-4, Nov-Dec 68 (Rus)
ADOLESCENCE/ ADULT/ AGED/ CREATININE, blood/ CREATININE, urine/ ENGLISH ABSTRACT/ FEMALE/ GLOMERULAR FILTRATION RATE/ HUMAN/ *KIDNEY, physiopathology/ MALE/ MIDDLE AGE/ *MYXEDEMA, physiopathology/ *TRIIODOTHYRONINE, pharmacodynamics

2092. **Klimek R, Drewniak K, Bieniasz A:** Further studies on the oxytocin-oxytocinase system.
Amer J Obstet Gynec 105:427-30, 1 Oct 69
*AMINOPEPTIDASES, blood/ FEMALE/ GESTATIONAL AGE/ HUMAN/ *LABOR/ LABOR, INDUCED/ OXYTOCIN, blood/ *OXYTOCIN, diagnostic use/ PREGNANCY

2093. **Klimek R, Paradysz A:** Rozpoznawanie i wyniki leczenia wybranych zaburzeń hormonalnych podwzgórza.
Folia Med Cracov 11:3-12, 1969 (Pol)
ADOLESCENCE/ ADULT/ *BRAIN DISEASES, diagnosis/ *BRAIN DISEASES, drug therapy/ ENGLISH ABSTRACT/ FACIAL DERMATOSES, drug therapy/ FEMALE/ HUMAN/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM/ PITUITARY HORMONES, POSTERIOR, therapeutic use/ XANTHOMATOSIS, drug therapy

2094. **Kliment V, Stefanovič J, Deák E, et al:** Cytostatiká a zmeny v krvnom obraze.
Bratisl Lek Listy 52:63-6, Jul 69 (Slo)
CYCLOPHOSPHAMIDE, administration & dosage/ CYCLOPHOSPHAMIDE, adverse effects/ *CYCLOPHOSPHAMIDE, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ *HEMATOPOIESIS, drug effects/ HUMAN/ ISOLATION PERFUSION/ LEUKOCYTE COUNT/ LEUKOCYTES, drug effects/ *OVARIAN NEOPLASMS, drug therapy/ *UTERINE NEOPLASMS, drug therapy

2095. **Klinowska W, Boroń A, Boroń Z, et al:** Wpływ długotrwałego leczenia hormonami kory nadnerczy na wzrost dzieci chorych na nerczycę lipidową.
Pol Tyg Lek 24:918-20, 16 Jun 69 (Pol)
*ADRENAL CORTEX HORMONES, therapeutic use/ AGE DETERMINATION BY SKELETON/ *BODY HEIGHT, drug effects/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ *GROWTH, drug effects/ HUMAN/ INFANT/ MALE/ *NEPHROSIS, LIPOID, drug therapy

2096. **Klissiunis N, Karageorgiu C:** Pronethalolwirkung an glatten Muskeln von Darm und Uterus verschiedener Tierarten.
Naunyn Schmiedeberg Arch Pharm 263:273, 1969 (Ger)
*ACETYLCHOLINE, pharmacodynamics/ *ANGIOTENSIN AMIDE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BARIUM, pharmacodynamics/ FEMALE/ GUINEA PIGS/ *HISTAMINE, pharmacodynamics/ ILEUM/ *MUSCLE, SMOOTH, drug effects/ MUSCLE, SMOOTH, physiology/ *OXYTOCIN, pharmacodynamics/ *PIPERAZINES, pharmacodynamics/ *PRONETHALOL, pharmacodynamics/ RATS/ *SEROTONIN, pharmacodynamics/ UTERUS

2097. **Knapstein P, Touchstone JC:** 1-14C-acetyl-coenzyme A as steroid precursor in the monkey adrenal in vitro.
Experientia 25:364-5, 15 Apr 69
*ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ *COENZYME A, metabolism/ CRYSTALLIZATION/ *DEHYDROEPIANDROSTERONE, biosynthesis/ IN VITRO/ MONKEYS/ *PREGNENOLONE, biosynthesis/ *PROGESTERONE, biosynthesis/ TRITIUM

2098. **Knese KH:** Zur Ultrastruktur der Skelezellen.
Hippokrates 40:241-7, 15 Apr 69 (Ger)
*BONE AND BONES, cytology/ *CARTILAGE, cytology/ COLLAGEN, biosynthesis/ HUMAN/ MUCOPOLYSACCHARIDES, biosynthesis/ OSTEOBLASTS, cytology/ OSTEOCYTES, cytology/ *PARATHYROID HORMONE, physiology

2099. **Kniazeva AP, Loshkareva NP, Gauze GG, et al:** Vlianie éstrona i aktinomitsina (aurantina) na sintez RNK v kletochnykh iadrakh pecheni ovariéktomirovannykh krys.
Probl Endokr (Moskva) 14:58-63, Jul-Aug 68 (Rus)
*ACTINOMYCIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ *CELL NUCLEUS, drug effects/ *ESTRONE, pharmacodynamics/ LIVER, cytology/ *LIVER, drug effects/ OVARY, surgery/ RATS/ RNA, analysis/ *RNA, biosynthesis/ RNA NUCLEOTIDYL-TRANSFERASES

2100. **Knight KL, Sulzbach D:** Laboratory observations of aedine mosquito oviposition (diptera, culicidae, aedes).
Proc Ann Conf Calif Mosquito Contr Ass 35:100-3, 1967
*AEDES, physiology/ ANIMAL EXPERIMENTS/ *CULEX, physiology/ *DIPTERA, physiology/ *OVULATION

2101. **Kniseley RM, Andrews GA, Edwards CL, et al:** Bone-marrow and skeletal scanning.
Radiol Clin N Amer 7:265-80, Aug 69
ADULT/ AGED/ *BONE AND BONES/ *BONE MARROW/ BREAST NEOPLASMS, diagnosis/ CALCIUM ISOTOPES/ CARCINOMA, diagnosis/ *COLLOIDS/ FEMALE/ FLUORINE/ GALLIUM/ GOLD COLLOID, RADIOACTIVE/ HODGKIN'S DISEASE, diagnosis/ HUMAN/ INDIUM/ INTESTINAL ABSORPTION/ IRON ISOTOPES/ LEUKEMIA, diagnosis/ LYMPHOMA, diagnosis/ MALE/ MIDDLE AGE/ MYELOFIBROSIS, diagnosis/ NEOPLASM METASTASIS, diagnosis/ *NEOPLASMS, diagnosis/ PROSTATIC NEOPLASMS, diagnosis/ *RADIOISOTOPE SCANNING/ RADIOISOTOPES/ STRONTIUM ISOTOPES/ STRONTIUM ISOTOPES, metabolism/ TECHNETIUM

2102. **Knörr K:** Kritische Phasen zwischen Befruchtung und Implantation. Aerzti Forsch 23:217-22, 10 Jul 69 (Ger)
*ABORTION, etiology/ ABORTION, occurrence/ *AUTOSOME ABNORMALITIES, complications/ ENGLISH ABSTRACT/ FEMALE/ FERTILIZATION/ *FETAL DISEASES, complications/ HUMAN/ NIDATION/ OVULATION/ *SEX CHROMOSOME ABNORMALITIES, complications

2103. **Knudsen AB, Rees DM:** Egg laying habits of the deer fly Chrysops discalis Williston, in marshes bordering the Great Salt Lake, Utah.
Proc Ann Conf Calif Mosquito Contr Ass 35:103-5, 1967
*DIPTERA, physiology/ HABITS/ *OVULATION/ OVUM/ UTAH

2104. **Kobayashi F, Hara K, Miyake T:** Causal relationship between luteinizing hormone release and estrogen secretion in the rat. Endocr Jap 16:261-7, Apr 69
ANIMAL EXPERIMENTS/ ANTIMETABOLITES, pharmacodynamics/ CASTRATION/ DILATATION/ ESTROGENS, pharmacodynamics/ *ESTROGENS, secretion/ ESTRUS/ FEMALE/ HYPOPHYSECTOMY/ INJECTIONS, SUBCUTANEOUS/ *LH, secretion/ OVARY/ OVULATION, drug effects/ RATS/ TIME FACTORS/ UTERUS/ VAGINAL SMEARS

2105. **Kobayashi F, Hara K, Miyake T:** Effects of steroids on the release of luteinizing hormone in the rat.
Endocr Jap 16:251-60, Apr 69
ANIMAL EXPERIMENTS/ ESTRADIOL, pharmacodynamics/ ESTRIOL, pharmacodynamics/ *ESTROGENS, pharmacodynamics/ ESTRONE, pharmacodynamics/ ESTRUS/ FEMALE/ HEXESTROL, pharmacodynamics/ *HYDROCORTISONE, pharmacodynamics/

INJECTIONS, SUBCUTANEOUS/ LH, blood/ *LH, secretion/ LIVER, metabolism/ MESTRANOL, pharmacodynamics/ *OVULATION, drug effects/ PROGESTERONE, pharmacodynamics/ RATS/ *TESTOSTERONE, pharmacodynamics/ TIME FACTORS

2106. **Kobayashi S, Ichii S:** Inhibition by cholesterol analogues of the side-chain cleavage of cholesterol and 20alpha-hydroxycholesterol in a preparation of hog adrenocortical mitochondria.
J Biochem (Tokyo) 66:51-6, Jul 69
*ADRENAL GLANDS, enzymology/ ANIMAL EXPERIMENTS/ *ANTIMETABOLITES, pharmacodynamics/ BIOCHEMISTRY/ CARBON ISOTOPES/ CHOLESTANES, pharmacodynamics/ *CHOLESTEROL, metabolism/ ESTERS/ IN VITRO/ *MITOCHONDRIA, enzymology/ PROGESTERONE, pharmacodynamics/ *STEROIDS, pharmacodynamics/ STEROLS, pharmacodynamics/ SWINE

2107. **Kobayashi T, Kobayashi T, Kato J, et al:** [Mechanism of the hypothalamus autonomic nervous system and ovulation] Saishin Igaku 24:1024-6, May 69 (Jap)
ACETYLCHOLINE, metabolism/ ANIMAL EXPERIMENTS/ *AUTONOMIC NERVOUS SYSTEM, physiology/ CASTRATION/ CATECHOLAMINES, metabolism/ ESTROGENS, pharmacodynamics/ FEMALE/ HYPOTHALAMUS, metabolism/ *HYPOTHALAMUS, physiology/ MONOAMINE OXIDASE, metabolism/ *OVULATION/ RATS/ TIME FACTORS

2108. **Kobayashi T, Kobayashi T, Yamamoto K, et al:** [Electron microscopic study of releasing factors] Saishin Igaku 24:966-71, May 69 (Jap)
ANIMAL EXPERIMENTS/ CASTRATION/ *HYPOTHALAMUS, cytology/ HYPOTHALAMUS, secretion/ MICROSCOPY, ELECTRON/ MICROSOMES/ NERVE FIBERS/ NEURONS/ NEUROSECRETION/ *PITUITARY HORMONE RELEASING FACTORS/ RATS/ RESERPINE

2109. **Kobayashi T, Kobayashi T, Minaguchi H, et al:** [Dynamics of the hypothalamus releasing factors during the process of maturation] Saishin Igaku 24:1007-12, May 69 (Jap)
ANIMAL EXPERIMENTS/ ESTROGENS, pharmacodynamics/ FEMALE/ FSH, secretion/ *HYPOTHALAMUS, analysis/ IN VITRO/ KINETICS/ LH, secretion/ *PITUITARY HORMONE RELEASING FACTORS, analysis/ PROLACTIN, secretion/ RATS

2110. **Kochakian CD:** Early effects of androgens on the biosynthesis of protein and RNA by the postmitochondrial fraction of the mouse kidney.
Steroids 14:77-90, Aug 69
AMINO ACIDS, analysis/ *AMINO ACIDS, metabolism/ *ANDROGENS, pharmacodynamics/ ANDROSTANES, administration & dosage/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CASTRATION/ CYTOPLASM, metabolism/ KIDNEY, analysis/ *KIDNEY, metabolism/ LEUCINE, metabolism/ MAGNESIUM, pharmacodynamics/ MALE/ MICE/ MITOCHONDRIA, metabolism/ ORGAN WEIGHT/ PHENYLALANINE, metabolism/ PROPIONATES, administration & dosage/ PROTEINS, analysis/ *PROTEINS, biosynthesis/ *RNA, biosynthesis/ TESTOSTERONE, administration & dosage/ TIME FACTORS

2111. **Kochakian CD:** Intracellular regulation of nucleic acids of mouse kidney by androgens.
Gen Comp Endocr 13:146-50, Aug 69
*ANDROGENS, physiology/ ANIMAL EXPERIMENTS/ CASTRATION/ CELL NUCLEUS/ DNA, analysis/ *DNA, metabolism/ KIDNEY, cytology/ KIDNEY, drug effects/ *KIDNEY, metabolism/ MICE/ MICROSOMES/ MITOCHONDRIA/ ORGAN WEIGHT/ RNA, analysis/ *RNA, metabolism/ STANOLONE, pharmacodynamics/ STIMULATION, CHEMICAL/ TESTOSTERONE, pharmacodynamics

2112. **Kochakian CD, Nishida M, Hirone T:** Ribosomes of mouse kidney: regulation by androgens.
Amer J Physiol 217:383-91, Aug 69
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CASTRATION/ CENTRIFUGATION, DENSITY GRADIENT/ KIDNEY/ MAGNESIUM, pharmacodynamics/ MALE/ METHODS/ MICE/ MICROSCOPY, ELECTRON/ OROTIC ACID, metabolism/ PROTEINS, biosynthesis/ RIBOSOMES, analysis/ *RIBOSOMES, metabolism/ RNA, metabolism/ TESTIS, physiology/ *TESTOSTERONE, pharmacodynamics

2113. **Kocián J:** Kalcium a trávicí ústrojí 2. Vliv chorob trávicího ústrojí na resorpci kalcia.
Cesk Gastroent Vyz 23:269-79, Sep 69 (102 ref.) (Cze)
BONE DISEASES, etiology/ BONE DISEASES, radiography/ *CALCIUM, metabolism/ FEMALE/ GASTROINTESTINAL DISEASES, complications/ *GASTROINTESTINAL DISEASES, metabolism/ HUMAN/ *INTESTINAL ABSORPTION/ MALE/ REVIEW

2114. **Koed HJ, Hamburger C:** The ovarian ascorbic acid depletion test for luteinizing hormone. Lack of specificity.
Acta Endocr (Kobenhavn) 59:629-35, Dec 68
ADENOCARCINOMA, urine/ AGED/ ANIMAL EXPERIMENTS/ *ASCORBIC ACID, analysis/ *BIOLOGICAL ASSAY/ BREAST NEOPLASMS, urine/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ HYPOPHYSECTOMY/ LH, analysis/ MALE/ OVARY, analysis/ *OVARY, drug effects/ RATS

2115. **Koeff J:** L'influence du rachistisme sur l'apparition de déformations maxillo-faciales chez les enfants provenant d'accouchements prématurés.
Orthodont Franc 39:177-81, 1968 (Fre)
HUMAN/ INFANT/ INFANT, NEWBORN/ *INFANT, PREMATURE, DISEASES/ *MALOCCLUSION/ *RICKETS

2116. **Koenig H:** Maligne Doppeltumoren der Frau.
Arch Geschwulstforsch 32:380-90, 1968 (Ger)
ADENOCARCINOMA, complications/ ADULT/ AGED/ BREAST NEOPLASMS, complications/ BRONCHIAL NEOPLASMS, complications/ CHORIOCARCINOMA, complications/ ENGLISH ABSTRACT/ FEMALE/ FEMORAL NEOPLASMS, complications/ GASTROINTESTINAL NEOPLASMS, complications/ GERMANY, EAST/ *GYNECOLOGIC NEOPLASMS, occurrence/ HUMAN/ KIDNEY NEOPLASMS, complications/ MIDDLE AGE/ *NEOPLASMS, MULTIPLE PRIMARY, occurrence/ OVARIAN NEOPLASMS, complications/ SARCOMA, complications/ UTERINE NEOPLASMS, complications/ VULVAR NEOPLASMS, complications

2117. **Kogan LM, Volkova IM, Bukhar MI, et al:** Prevrashcheniia steroidov nekotorymi termofil'nymi mikroorganizmami.
Mikrobiologiia 37:628-35, Jul-Aug 68 (Rus)
ACETATES, metabolism/ *ACTINOMYCES, metabolism/ ACTINOMYCETALES, enzymology/ *ACTINOMYCETALES, metabolism/ ADRENAL CORTEX HORMONES/ *ANTI-INFLAMMATORY AGENTS/ CHEMISTRY/ CORTISONE, metabolism/ ENGLISH ABSTRACT/ ESTRADIOL, metabolism/ ESTRONE, metabolism/ FERMENTATION/ HYDROXYLASES, metabolism/ PREGNENOLONE, metabolism/ PROGESTERONE, metabolism/ *STEROIDS, metabolism

2118. **Kohlmeyer K:** Moderne Aspekte der Polyneuritis-Diagnose und -Therapie.
Z Allgemeinmed 45:812-23, 20 Jun 69 (Ger)
DIAGNOSIS, DIFFERENTIAL/ EXERCISE THERAPY/ GERMANY, WEST/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ *POLYNEURITIS/ POLYNEURITIS,

classification/ POLYNEURITIS, diagnosis/ POLYNEURITIS, drug therapy/ POLYNEURITIS, therapy/ STATISTICS/ VITAMIN B COMPLEX, therapeutic use

2119. **Kohoutek M, Fabián M, Kohoutek F:** Die hormonale Kontrazeption.
Sborn Ved Prac Lek Fak Karlov Univ 11:691-5, 1968 (Ger)
CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ ESTROGENS, pharmacodynamics/ FEMALE/ HUMAN/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, drug effects/ PROGESTATIONAL HORMONES, pharmacodynamics

2120. **Kokka N, George R:** Modification of insulin response and alloxan diabetes by hypothalamic lesions in rats.
Neuroendocrinology 4:333-46, 1969
ADRENAL GLANDS, physiopathology/ *ALLOXAN DIABETES, physiopathology/ ANIMAL EXPERIMENTS/ BLOOD SUGAR, analysis/ CORTICOSTERONE, blood/ CORTICOTROPIN, administration & dosage/ GLYCOSURIA/ *HYPOTHALAMUS, physiopathology/ HYPOTHALAMUS, surgery/ *INSULIN, physiology/ MALE/ NITROGEN, urine/ RATS/ SOMATOTROPIN, administration & dosage

2121. **Kokko A, Rechardt L:** Block-staining for electron microscopy of nervous tissue.
Ann Med Exp Biol Fenn 46:123-31, 1968
ACETATES/ ANIMAL EXPERIMENTS/ CHROMATES/ FORMALDEHYDE/ *GANGLIA, SPINAL, cytology/ HISTOLOGICAL TECHNICS/ *HYPOTHALAMUS, cytology/ METHODS/ MICROSCOPY, ELECTRON/ *NERVE TISSUE, cytology/ OSMIUM/ PHOSPHOTUNGSTIC ACID/ POTASSIUM PERMANGANATE/ RATS/ *STAINS AND STAINING/ TIME FACTORS

2122. **Kokot F:** Uber die Bedeutung des Renins in der Pathophysiologie und Diagnostik.
Z Ges Inn Med 24:193-7, 1 Apr 69 (48 ref.) (Ger)
ALDOSTERONE, blood/ ANGIOGRAPHY/ ANGIOTENSIN, blood/ ENGLISH ABSTRACT/ HUMAN/ HYPERALDOSTERONISM, blood/ HYPERTENSION, blood/ HYPOKALEMIA, blood/ KIDNEY, pathology/ KIDNEY FAILURE, ACUTE, blood/ KIDNEY FUNCTION TESTS/ KIDNEY GLOMERULUS, pathology/ RENAL ARTERY OBSTRUCTION, blood/ *RENIN, blood/ REVIEW

2123. **Kokot F, Cekański A:** Znaczenie reniny w patofizjologii i diagnostyce z wyłączeniem ciąży i jej powikłań.
Ginek Pol 40:579-85, May 69 (27 ref.) (Pol)
ALDOSTERONE, physiology/ ANGIOTENSIN, physiology/ ENGLISH ABSTRACT/ EXTRACELLULAR SPACE/ HUMAN/ *HYPERALDOSTERONISM, diagnosis/ *HYPERTENSION, diagnosis/ KIDNEY, physiopathology/ *RENIN, physiology/ REVIEW

2124. **Kokot F, Cekański A:** Badania nad reniną w ciąży prawidl/owej.
Ginek Pol 40:711-8, Jun 69 (30 ref.) (Pol)
ALDOSTERONE, blood/ ANGIOTENSIN, blood/ FEMALE/ GLOMERULAR FILTRATION RATE/ HUMAN/ PLACENTA, enzymology/ POSTURE/ *PREGNANCY/ PROGESTERONE, antagonists & inhibitors/ *RENIN, blood/ REVIEW/ SODIUM, metabolism

2125. **Kokot F, Kuska IA:** Nash opyt opredelenila renina u bol'nykh arterial'noĭ gipertonieĭ.
Kardiologiia 9:22-7, Feb 69 (Rus)
ADULT/ AGED/ ARTERIES/ CHRONIC DISEASE/ DIET, SALT-FREE/ ENGLISH ABSTRACT/ FEMALE/ GLOMERULONEPHRITIS, blood/ GLOMERULONEPHRITIS, complications/ GLOMERULONEPHRITIS, enzymology/ HUMAN/ *HYPERALDOSTERONISM/ HYPERTENSION, blood/ HYPERTENSION, diagnosis/ HYPERTENSION, enzymology/ HYPERTENSION, etiology/ *HYPERTENSION, metabolism/ HYPERTENSION, MALIGNANT, blood/ HYPERTENSION, MALIGNANT, enzymology/ HYPERTENSION, RENAL, blood/ MALE/ METHODS/ MIDDLE AGE/ POSTURE/ PYELONEPHRITIS, blood/ PYELONEPHRITIS, complications/ PYELONEPHRITIS, enzymology/ RENAL ARTERY OBSTRUCTION, blood/ RENAL ARTERY OBSTRUCTION, enzymology/ RENIN, blood/ *RENIN, secretion

2126. **Kolakowski L:** Radiologiczne zmiany kostne w białaczkach u osób dorosłych.
Pol Tyg Lek 24:841-3, 2 Jun 69 (Pol)
ADOLESCENCE/ ADULT/ AGED/ *BONE AND BONES, radiography/ BONE RESORPTION, etiology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LEUKEMIA, complications/ *LEUKEMIA, radiography/ MALE/ MIDDLE AGE/ *OSTEOPOROSIS, etiology/ OSTEOSCLEROSIS, etiology

2127. **Kolár J, Babický A, Blabla J:** Some effects of laser upon the bones.
Experientia 25:365-6, 15 Apr 69
ANIMAL EXPERIMENTS/ BONE AND BONES, metabolism/ *BONE AND BONES, radiation effects/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ *LASERS/ MALE/ RADIATION EFFECTS/ RATS/ TIBIA

2128. **Kolář J, Svarzberger F, Anton J, et al:** Vztah mezi intrakraniálními kalcifikacemi a diagnostickými testy na toxoplazmózu.
Cesk Radiol 23:145-53, Jul 69 (Cze)
ADOLESCENCE/ ADULT/ AGE FACTORS/ *CALCINOSIS, complications/ ENGLISH ABSTRACT/ HUMAN/ METHODS/ MIDDLE AGE/ *PINEAL BODY, physiopathology/ SKULL, radiography/ TOXOPLASMOSIS, diagnosis

2129. **Kolbasova AN:** Sopostavlenie rezul'tatov issledovaniia shchitovidnoĭ zhelezy i androgennoĭ funktsii kory nadpochechnikov u bol'nykh gipertonicheskoĭ bolezn'iu.
Kardiologiia 9:126-8, Apr 69 (Rus)
ADOLESCENCE/ *ADRENAL GLANDS, physiopathology/ ADULT/ AGED/ *ANDROGENS, metabolism/ BASAL METABOLISM/ FEMALE/ HUMAN/ HYPERTENSION, metabolism/ *HYPERTENSION, physiopathology/ HYPERTENSION, urine/ IODINE ISOTOPES, DIAGNOSTIC/ 17-KETOSTEROIDS, urine/ MALE/ MIDDLE AGE/ *THYROID GLAND, physiopathology

2130. **Kolesov DV, Bassalyk LS, Potemkina AM, et al:** Obmen serotonina pri bronkhial'noĭ astme i pnevmonii.
Pediatriia 48:79-80, Jan 69 (Rus)
ADOLESCENCE/ *ASTHMA, metabolism/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ MALE/ *PNEUMONIA, metabolism/ *SEROTONIN, metabolism

2131. **Kollar EJ, Pasnau RO, Rubin RT, et al:** Psychological, psychophysiological, and biochemical correlates of prolonged sleep deprivation.
Amer J Psychiat 126:488-97, Oct 69
ADULT/ BLOOD PRESSURE/ BODY TEMPERATURE/ BODY WEIGHT/ COGNITION/ COLD/ CREATININE, urine/ ELECTROENCEPHALOGRAPHY/ ELECTROMYOGRAPHY/ ELECTROOCULOGRAPHY/ EMOTIONS/ FATIGUE/ GALVANIC SKIN RESPONSE/ HALLUCINATIONS/ HEART RATE/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, blood/ 17-HYDROXYCORTICOSTEROIDS, urine/ INTERPERSONAL RELATIONS/ JUDGMENT/ MALE/ MEMORY/ MOTOR ACTIVITY/ ORIENTATION/ PULSE/ READING/ RESPIRATION/ *SLEEP DEPRIVATION/ SLEEP, REM/ SOCIAL BEHAVIOR/ THINKING/ TIME FACTORS/ TIME PERCEPTION/ VANILMANDELIC ACID, blood/ VANILMANDELIC ACID, urine/ VISUAL PERCEPTION

2132. **Kolli EA, Popov AP:** Raspredelenie mechengo tiroksina v nekotorykh éndokrinnykh zhelezakh krys.
Probl Endokr (Moskva) 14:90-3, May-Jun 68 (Rus)
ADRENAL GLANDS, analysis/ ANIMAL

EXPERIMENTS/ *ENDOCRINE GLANDS, analysis/ ENGLISH ABSTRACT/ HYPOTHALAMUS, analysis/ IODINE ISOTOPES/ LIVER, analysis/ PITUITARY GLAND, analysis/ RATS/ TESTIS, analysis/ *THYROXINE, analysis

2133. **Kolpakov MG, Rummel' AG, Chudnovskiĭ GS, et al:** Rol' gliuko- i mineralokortikoidov v reguliatsii ob'emov zhidkosteĭ tela.
Fiziol Zh SSSR Sechenov 55:231-5, Feb 69 **(Rus)**
ANIMAL EXPERIMENTS/ *BODY FLUIDS/ DOGS/ *GLUCOCORTICOIDS, physiology/ *MINERALOCORTICOIDS, physiology/ WATER-ELECTROLYTE BALANCE

2134. **Kolpakov MG, Shishkin GS, Kolaeva SG, et al:** Gistokhimicheskoe izuchenie izbiratel'nogo vozdeĭstviia gidrokortizona i dezoksikortikosteronatsetata na zony kory nadpochechnikov.
Probl Endokr (Moskva) 13:60-4, May-Jun 67 **(Rus)**
ADRENAL GLANDS, cytology/ *ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ CATS/ *DESOXYCORTICOSTERONE, pharmacodynamics/ ENGLISH ABSTRACT/ HISTOCYTOCHEMISTRY/ *HYDROCORTISONE, pharmacodynamics

2135. **Kolstad P, Liverud K:** Pelvic arteography in malignant trophoblastic neoplasia.
Amer J Obstet Gynec 105:175-82, 15 Sep 69
ABORTION, complications/ ADULT/ *ANGIOGRAPHY/ CHORIOCARCINOMA, pathology/ CURETTAGE/ DACTINOMYCIN, therapeutic use/ FEMALE/ FEMORAL ARTERY/ GONADOTROPINS, CHORIONIC, urine/ HUMAN/ HYDATIDIFORM MOLE, complications/ HYSTERECTOMY/ METHOTREXATE, therapeutic use/ METRORRHAGIA, etiology/ MIDDLE AGE/ NEOPLASM METASTASIS/ PREGNANCY/ PREGNANCY COMPLICATIONS/ TROPHOBLASTIC TUMOR, pathology/ *TROPHOBLASTIC TUMOR, radiography/ UTERINE NEOPLASMS, diagnosis/ UTERINE NEOPLASMS, pathology

2136. **Komatsu M, Oiwa K, Uesaka I:** [Case of pulmonary empyema caused by an unculturable fungus]
Bull Chest Dis Res Inst Kyoto Univ 2:155-60 passim, Sep 68 **(Jap)**
ADRENAL CORTEX HORMONES, therapeutic use/ ANTIBIOTICS, ANTIFUNGAL, therapeutic use/ EMPYEMA, drug therapy/ *EMPYEMA, etiology/ HEMOPTYSIS, etiology/ HUMAN/ MALE/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ *MONILIALES, isolation & purification

2137. **Komesu N, Haley TJ:** Lack of effect of x-irradiation on brain 5-hydroxytryptamine concentrations.
Proc West Pharmacol Soc 11:77-80, 1968
ANIMAL EXPERIMENTS/ *BRAIN, radiation effects/ *BRAIN CHEMISTRY, radiation effects/ BRAIN STEM, analysis/ FEMALE/ IPRONIAZID, analysis/ MALE/ *RADIATION EFFECTS/ RATS/ RESERPINE, analysis/ *SEROTONIN, analysis/ TETRABENAZINE, analysis/ TIME FACTORS

2138. **(Komissarenko VP):** Akademik An USSR V. P. Komissarenko (k 60-letiiu so dnia rozhdeniia)
Pat Fiziol Eksp Ter 11:93-4, Mar-Apr 67 **(Rus)**
CURRENT BIOG-OBIT/ ENDOCRINOLOGY, history/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT./ PATHOLOGY, history/ PHYSIOLOGY, history/ UKRAINE

2139. **Komissarenko VP, Mikosha AS, Kravchenko VI:** Soderzhanie transkortina v plazme krys, poluchavshikh korikosteroidy.
Probl Endokr (Moskva) 15:54-8, Jan-Feb 69 **(Rus)**
ANIMAL EXPERIMENTS/ CORTICOSTERONE, blood/ DESOXYCORTICOSTERONE, pharmacodynamics/ ENGLISH ABSTRACT/ FLUOROMETRY/ *HYDROCORTISONE, pharmacodynamics/ MALE/ *PREDNISOLONE, pharmacodynamics/ RATS/ *TRANSCORTIN, blood

2140. **Komissarenko VP, Reznikov AG:** Obrazovanie kortikosteroidov pri vvedenii tsetamifena.
Vrach Delo 12:5-6, Dec 67 **(Rus)**
*ADRENAL CORTEX HORMONES, secretion/ *ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, secretion/ ANIMAL EXPERIMENTS/ *ANTICHOLESTEREMIC AGENTS, pharmacodynamics/ CHOLESTEROL, blood/ CORTICOTROPIN, pharmacodynamics/ ENGLISH ABSTRACT/ GUINEA PIGS/ HYDROCORTISONE, secretion/ 17-HYDROXYCORTICOSTEROIDS, urine/ *PHENYLBUTYRATES, pharmacodynamics

2141. **Komissarenko VP, Reznikov AG, Gordienko VM:** Deĭstvie P,P-diétildifenildikhlorétana (pertana) na funktsiiu i struktury kory nadpochnykh zhelez morskikh svinok.
Probl Endokr (Moskva) 14:90-5, Jul-Aug 68 **(Rus)**
*ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, pathology/ ADRENAL GLANDS, secretion/ ANIMAL EXPERIMENTS/ *ANTINEOPLASTIC AGENTS, pharmacodynamics/ GUINEA PIGS/ *HYDROCARBONS, HALOGENATED, pharmacodynamics/ HYDROCORTISONE, blood/ HYDROCORTISONE, secretion/ 17-HYDROXYCORTICOSTEROIDS, urine/ PERTHANE, pharmacodynamics/ STRESS

2142. **Komiyama J:** [Urinary excretion of 6-beta-hydroxycortisol and other polar corticosteroids in puberty and its changes by ACTH loading] Acta Paediat Jap 73:815-20, 1 Jun 69 **(Jap)**
ADOLESCENCE/ *ADRENAL CORTEX HORMONES, urine/ CHILD/ CHROMATOGRAPHY, THIN LAYER/ *CORTICOTROPIN, pharmacodynamics/ FEMALE/ HUMAN/ MALE/ PUBERTY

2143. **Komiyama J:** [Levels of urinary 6-beta-hydroxycortisol and other polar corticosteroids in children with severe diseases and its fluctuation by ACTH loading]
Acta Paediat Jap 73:656-62, 1 May 69 **(Jap)**
ADRENAL CORTEX HORMONES, urine/ CHILD/ CHILD, PRESCHOOL/ *CORTICOTROPIN, diagnostic use/ FEMALE/ *GASTROINTESTINAL DISEASES, urine/ *GLUCOCORTICOIDS, urine/ HUMAN/ INFANT/ *LEUKEMIA, urine/ *LIVER DISEASES, urine/ MALE

2144. **Kondo A, Miura R, Makiyama F, et al:** [Preoperatively diagnosed case of pheochromocytoma]
Jap J Clin Med 27:1499-505, May 69 **(Jap)**
*ADRENAL GLAND NEOPLASMS, diagnosis/ ADRENAL GLAND NEOPLASMS, surgery/ ADULT/ BLOOD PRESSURE/ ELECTROCARDIOGRAPHY/ FEMALE/ HUMAN/ KIDNEY FUNCTION TESTS/ *PHEOCHROMOCYTOMA, diagnosis/ PHEOCHROMOCYTOMA, surgery/ PROTEINURIA

2145. **Kondo K, Terao T, Tomisawa T:** [2 cases of Cornelia de Lange syndrome]
Acta Paediat Jap 73:144-51, 1 Feb 69 **(Jap)**
BLOOD CHEMICAL ANALYSIS/ BLOOD PROTEINS, analysis/ *DE LANGE'S SYNDROME/ ELECTROLYTES, blood/ FEMALE/ GAMMA GLOBULIN, analysis/ HUMAN/ INFANT/ LIVER FUNCTION TESTS/ MALE/ PROTEIN-BOUND IODINE TEST

2146. **Kondrikov NI:** O sochetanii teratom s kistami i opukholiami iaichnika.
Akush Ginek (Moskva) 43:52-5, Apr 67 **(Rus)**
ADENOFIBROMA, complications/ ADULT/ CYSTADENOMA, MUCINOUS, complications/ DERMOID CYST, complications/ FEMALE/ FIBROMA, complications/ HUMAN/ MIDDLE AGE/ *OVARIAN CYSTS/ *OVARIAN NEOPLASMS, complications/ *TERATOID TUMOR

2147. **König PA:** Sexual- und Sozialproblematik junger

Frauen bei gestörter Ovarialfunction.
Arch Gynaek 207:98-9, 1969 (Ger)
FEMALE/ HUMAN/ ORGASM/ *OVARIAN DISEASES, complications/ PSYCHOLOGICAL TESTS/ *PSYCHOSEXUAL DEVELOPMENT/ *SOCIAL BEHAVIOR/ STEIN-LEVENTHAL SYNDROME, complications

2148. **Konigsmark BW**: Hereditary deafness in man (first of three parts).
New Eng J Med 281:713-20 contd, 25 Sep 69 (52 ref.)
ABNORMALITIES, MULTIPLE/ ADOLESCENCE/ ADULT/ ALBINISM, complications/ ALBINISM, familial & genetic/ CHILD/ DEAFNESS, complications/ *DEAFNESS, familial & genetic/ DERMATITIS, ATOPIC, complications/ DERMATITIS, ATOPIC, familial & genetic/ EAR, EXTERNAL, DEFORMITY, complications/ EAR, EXTERNAL, DEFORMITY, familial & genetic/ EAR OSSICLES, abnormalities/ FACE, abnormalities/ FEMALE/ FINGERS/ GENES, DOMINANT/ GENES, RECESSIVE/ HAIR/ HUMAN/ JOINT DISEASES, complications/ JOINT DISEASES, familial & genetic/ KERATOSIS, complications/ KERATOSIS, familial & genetic/ LENTIGO, complications/ LENTIGO, familial & genetic/ MALE/ NAILS, MALFORMED, complications/ NAILS, MALFORMED, familial & genetic/ NECK, abnormalities/ OTOSCLEROSIS, familial & genetic/ PIGMENTATION DISORDERS, complications/ PIGMENTATION DISORDERS, familial & genetic/ REVIEW/ SEX CHROMOSOMES/ SOUND/ SWEATING/ TOES/ TOOTH ABNORMALITIES, complications/ TOOTH ABNORMALITIES, familial & genetic/ WAARDENBURG'S SYNDROME, complications

2149. **Konigsmark BW**: Hereditary deafness in man.
New Eng J Med 281:827-32 concl, 9 Oct 69 (38 ref.)
*ABNORMALITIES, MULTIPLE/ AMYLOIDOSIS, complications/ BLOOD PROTEINS/ *BONE DISEASES, complications/ BONE DISEASES, familial & genetic/ CRANIOFACIAL DYSOSTOSIS, complications/ DEAFNESS, complications/ *DEAFNESS, familial & genetic/ EAR, MIDDLE, abnormalities/ EPIPHYSES, abnormalities/ FEMALE/ FINGERS, abnormalities/ FOOT, abnormalities/ GENES, DOMINANT/ GOITER, complications/ GOITER, familial & genetic/ HEART DISEASES, complications/ HEART DISEASES, familial & genetic/ HUMAN/ HYPEROSTOSIS, CORTICAL CONGENITAL, complications/ IODINE, blood/ JOINT DISEASES, complications/ *KIDNEY DISEASES, complications/ MALE/ MANDIBULOFACIAL DYSOSTOSIS, complications/ MITRAL VALVE INSUFFICIENCY, complications/ NEPHRITIS, complications/ OSTEITIS DEFORMANS, complications/ OSTEOGENESIS IMPERFECTA, complications/ OSTEOPETROSIS, complications/ PROTEIN BINDING/ REVIEW/ SYNDACTYLIA, complications/ TIBIA, abnormalities/ TOES, abnormalities/ UROGENITAL SYSTEM, abnormalities/ URTICARIA, complications

2150. **Konigsmark BW**: Hereditary deafness in man.
New Eng J Med 281:774-8 contd, 2 Oct 69 (24 ref.)
ABNORMALITIES, MULTIPLE/ ACOUSTIC NERVE/ ADULT/ ATAXIA, complications/ BONE AND BONES, abnormalities/ CATARACT, complications/ CHILD/ CHILD, PRESCHOOL/ *DEAFNESS, complications/ DEAFNESS, congenital/ *DEAFNESS, familial & genetic/ DIABETES MELLITUS, complications/ DIABETES MELLITUS, JUVENILE, complications/ DIABETIC NEUROPATHIES, complications/ DIABETIC RETINOPATHY, complications/ *EYE DISEASES, complications/ GAIT/ GENES, DOMINANT/ GENES, RECESSIVE/ HUMAN/ HYPOGONADISM, complications/ KIDNEY DISEASES, complications/ MENTAL RETARDATION, complications/ MIDDLE AGE/ MUSCULAR DISEASES, complications/ MYOCLONUS, complications/ MYOPIA, complications/ *NERVOUS SYSTEM DISEASES, complications/ NEURILEMMOMA, complications/ NOSE DEFORMITIES, complications/ OBESITY, complications/ OPTIC ATROPHY, complications/ PERIPHERAL NERVE DISEASES, complications/ REFSUM'S SYNDROME, familial & genetic/ RETINITIS PIGMENTOSA, complications/ REVIEW

2151. **Konijn TM, Meene JG van de, Chang YY, et al**: Identification of adenosine-3',5'-monophosphate as the bacterial attractant for myxamoebae of Dictyostelium discoideum. J Bact 99:510-2, Aug 69
*ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ CHEMOTAXIS/ *CYTOLOGY/ ESCHERICHIA COLI/ *MYXOMYCETES/ MYXOMYCETES, drug effects/ NUCLEOTIDES, pharmacodynamics

2152. **Konno K, Hayashi I, Oka S**: Eosinophilic granuloma (histiocytosis X) involving anterior chest wall and lung. Amer Rev Resp Dis 100:391-7, Sep 69
ADULT/ COBALT ISOTOPES, therapeutic use/ EOSINOPHILIC GRANULOMA, diagnosis/ *EOSINOPHILIC GRANULOMA, pathology/ EOSINOPHILIC GRANULOMA, therapy/ FEMALE/ HUMAN/ *LUNG DISEASES, pathology/ PLEURAL DISEASES, pathology/ PREDNISOLONE, therapeutic use/ RADIOISOTOPE SCANNING/ STERNUM/ *THORACIC DISEASES, pathology

2153. **Kono T**: [Corticosterone-secreting adrenocortical tumor] Jap J Clin Med 27:1508-9, May 69 (Jap)
ADRENAL GLAND NEOPLASMS, diagnosis/ *ADRENAL GLAND NEOPLASMS, metabolism/ *CORTICOSTERONE, secretion/ FEMALE/ HUMAN/ MIDDLE AGE

2154. **Kono T, Yamashiki Y, Yoshino K, et al**: [Bartter's syndrome--case report and literature review]
Jap J Clin Med 27:1179-201, Apr 69 (Jap)
*ADRENAL GLAND DISEASES, complications/ ADULT/ *ALKALOSIS, complications/ ANGIOTENSIN, diagnostic use/ BLOOD PRESSURE, drug effects/ HUMAN/ *HYPERALDOSTERONISM, complications/ HYPERPLASIA/ HYPERTROPHY/ HYPOKALEMIA/ *JUXTAGLOMERULAR APPARATUS/ KIDNEY, pathology/ MALE/ PARALYSIS, complications/ PERIODIC DISEASE/ RENIN, blood/ RENIN, metabolism/ TETANY

2155. **Konopka P, Nowak J**: Ocena wartości klinicznej krwinkowej próby ciążowej prepueryny.
Pol Tyg Lek 24:927-9, 16 Jun 69 (Pol)
CLINICAL RESEARCH/ ENGLISH ABSTRACT/ FEMALE/ *GONADOTROPINS, CHORIONIC, urine/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ PREGNANCY/ *PREGNANCY TESTS

2156. **Kontos HA, Lower RR**: Role of beta-adrenergic receptors in the circulatory response to hypoxia.
Amer J Physiol 217:756-63, Sep 69
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *ANOXIA/ CATECHOLAMINES, pharmacodynamics/ DOGS/ ELECTRIC STIMULATION/ HEART CONDUCTION SYSTEM/ *HEMODYNAMICS/ ISOPROTERENOL, pharmacodynamics/ MESENCEPHALON, physiology/ METHODS/ OXYGEN/ PROPRANOLOL, pharmacodynamics/ STELLATE GANGLION, physiology/ *SYMPATHETIC NERVOUS SYSTEM, physiology

2157. **Könyves I, Sannum F, Tillinger KG**: Långverkande östriol vid klimakteriella besvär.
Lakartidningen 66:3003-8, Jul 69 (Swe)
ADULT/ CLINICAL RESEARCH/ ENDOMETRIUM, drug effects/ *ESTRIOL, therapeutic use/ FEMALE/ HUMAN/ *MENOPAUSE/ MIDDLE AGE/ PLACEBOS/ PSYCHOPHYSIOLOGIC DISORDERS, drug therapy

2158. **Konzett H:** Physiologische und pharmakologische Aspekte der psychosomatischen Medizin.
Wien Klin Wschr 81:577-81, 15 Aug 69 (Ger)
ANIMAL EXPERIMENTS/ CATS/ CHLORPROMAZINE, therapeutic use/ EMOTIONS/ HORMONES, physiology/ HUMAN/ HYPOTHALAMUS, physiology/ MICE/ PHENOTHIAZINES, therapeutic use/ *PSYCHOPHYSIOLOGIC DISORDERS, drug therapy/ *PSYCHOPHYSIOLOGIC DISORDERS, physiopathology/ RATS/ RESERPINE, therapeutic use/ *TRANQUILIZING AGENTS, therapeutic use

2159. **Kopaleĭshvili BI, Fridman MM:** Ob aktivnosti gialuronidazy v platsente zhenshchin pri fiziologicheski i patologicheski proteakaiushcheĭ beremennosti.
Akush Ginek (Moskva) 43:55-7, Oct 67 (Rus)
BLOOD GROUP INCOMPATIBILITY, enzymology/ FEMALE/ FETAL DEATH, enzymology/ GESTATIONAL AGE/ HUMAN/ *HYALURONIDASE, metabolism/ *PLACENTA, enzymology/ PLACENTA ACCRETA, enzymology/ *PREGNANCY/ *PREGNANCY COMPLICATIONS/ PREGNANCY, MULTIPLE/ PREGNANCY, PROLONGED/ RH FACTORS

2160. **Kopczyński J:** Zmiany poziomu ciśnienia tętniczego u chłopców w wieku polwitania. I. Ciśnienie a miary dojrzałości somatycznej.
Roczn Panstw Zakl Hig 20:215-21, 1969 (Pol)
ADOLESCENCE/ ADULT/ AGE DETERMINATION BY SKELETON/ ANTHROPOMETRY/ *BLOOD PRESSURE/ BODY WEIGHT/ *GROWTH/ HUMAN/ MALE/ *PUBERTY

2161. **Kopersztych S, Cossermelli W, Trabulsi LR:** Lupus eritematoso disseminado e processos infecciosos: a propósito da associação com septicemias por salmonelas não tíficas.
Rev Hosp Clin Fac Med S Paulo 24:119-28, Mar-Apr 69 (Por)
ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ MIDDLE AGE/ *SALMONELLA INFECTIONS, complications/ SALMONELLA INFECTIONS, drug therapy/ *SEPTICEMIA, etiology

2162. **Kopp OP:** Izuchenie pituitarnykh vliianiĭ na reguliatsiiu vnutriglaznogo davleniia.
Oftal Zh 24:147-51, 1969 (Rus)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *INTRAOCULAR PRESSURE, drug effects/ *PITUITARY GLAND, physiology/ *PITUITARY HORMONES, POSTERIOR, pharmacodynamics/ RABBITS/ TONOMETRY/ *VASOPRESSIN, pharmacodynamics/ WATER-ELECTROLYTE BALANCE

2163. **Korablev MV:** Toksikologicheskaia kharakteristika proizvodnykh ditiokarbaminovoĭ kisloty, primeniaemykh v narodnom khoziaĭstve i meditsine. (Obzor)
Farmakol Toksik 32:356-62, May-Jun 69 (49 ref.) (Rus)
ANIMAL EXPERIMENTS/ GOITER, chemically induced/ HUMAN/ LEUKOPENIA, chemically induced/ MICE/ PARALYSIS, chemically induced/ RABBITS/ RATS/ REVIEW/ SWINE/ THIOCARBAMATES, administration & dosage/ *THIOCARBAMATES, toxicity

2164. **Kordon C, Glowinski J:** Selective inhibition of superovulation by blockade of dopamine synthesis during the "critical period" in the immature rat.
Endocrinology 85:924-31, Nov 69
AGE FACTORS/ ANIMAL EXPERIMENTS/ DEPRESSION, CHEMICAL/ DOPA, pharmacodynamics/ *DOPAMINE, biosynthesis/ ESTRUS/ FEMALE/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ GONADOTROPINS, EQUINE, pharmacodynamics/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ LH, secretion/ METHYLDOPA, pharmacodynamics/ *METHYLTYROSINES, pharmacodynamics/ *NOREPINEPHRINE, biosynthesis/ ORGAN WEIGHT/ OVARY, drug effects/ *OVULATION, drug effects/ RATS/ TIME FACTORS/ UTERUS, drug effects

2165. **Korec R:** L'effet protecteur et nocif des catécholamines pendant l'hypoglycémie postinsulinique chez les rats.
J Physiol (Paris) 60:Suppl 2:366-7, 1968 (Fre)
ADRENAL MEDULLA, physiology/ ADRENAL MEDULLA, surgery/ ANIMAL EXPERIMENTS/ CARDIOVASCULAR SYSTEM, drug effects/ *CATECHOLAMINES, therapeutic use/ ERGOTAMINE, therapeutic use/ FASTING/ FEMALE/ HYPOGLYCEMIA, chemically induced/ *HYPOGLYCEMIA, prevention & control/ *INSULIN/ MALE/ PHENOXYBENZAMINE, therapeutic use/ PHENTOLAMINE, therapeutic use/ PULMONARY EDEMA, prevention & control/ RATS/ TIME FACTORS

2166. **Korfsmeier KH:** Uber die degeneration von eizellen des zebrafishes, brachydanio rerio, in vitro.
Z Zellforsch 98:99-105, 1969 (Ger)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ EPITHELIUM/ FEMALE/ *FISHES, embryology/ GRAAFIAN FOLLICLE/ HISTOLOGICAL TECHNICS/ *OVARY, cytology/ RADIOAUTOGRAPHY/ TISSUE CULTURE/ TRITIUM/ URIDINE

2167. **Koritke JG, Gillet JY, Muller P:** La microvascularisation de la muqueuse vaginale et ses variations au cours du cycle ovarien chez la femme.
Z Zellforsch 99:37-53, 1969 (Fre)
ADOLESCENCE/ ADULT/ *ARTERIES, anatomy & histology/ ARTERIOVENOUS ANASTOMOSIS/ *CAPILLARIES, anatomy & histology/ ENGLISH ABSTRACT/ FEMALE/ HISTOLOGICAL TECHNICS/ HUMAN/ INJECTIONS, INTRA-ARTERIAL/ INJECTIONS, INTRAVENOUS/ INK/ MIDDLE AGE/ MUCOUS MEMBRANE, blood supply/ OVARY, physiology/ *OVULATION/ VAGINA, anatomy & histology/ *VAGINA, blood supply/ *VEINS, anatomy & histology

2168. **Kormano M:** Microvascular structure of the rat epididymis. Ann Med Exp Biol Fenn 46:113-8, 1968
ANGIOGRAPHY/ ANIMAL EXPERIMENTS/ *ARTERIES, anatomy & histology/ *CAPILLARIES, anatomy & histology/ EPIDIDYMIS, anatomy & histology/ *EPIDIDYMIS, blood supply/ MALE/ RATS/ REGIONAL BLOOD FLOW/ TESTIS, blood supply/ *VEINS, anatomy & histology

2169. **Kormano M, Karhunen P, Kahanpää K:** Effect of long-term 5-hydroxytryptamine treatment on the rat testis. Ann Med Exp Biol Fenn 46:474-8, 1968
ANIMAL EXPERIMENTS/ MALE/ ORGAN WEIGHT/ RATS/ SEMINAL VESICLES, drug effects/ *SEROTONIN, pharmacodynamics/ TESTIS, cytology/ *TESTIS, drug effects

2170. **Kormano M, Penttilä A:** Distribution of endogenous and administered 5-hydroxytryptamine in the rat testis and epididymis.
Ann Med Exp Biol Fenn 46:468-73, 1968
ANIMAL EXPERIMENTS/ CADMIUM, pharmacodynamics/ *EPIDIDYMIS, analysis/ FLUORESCENCE/ FLUOROMETRY/ HISTOCYTOCHEMISTRY/ MALE/ METHODS/ RATS/ *SEROTONIN, analysis/ SEROTONIN, toxicity/ *TESTIS, analysis

2171. **Kornblum RN, Fisher RS:** Pituitary lesions in craniocerebral injuries.
Arch Path (Chicago) 88:242-8, Sep 69
*BRAIN INJURY, ACUTE, complications/ BRAIN INJURY, ACUTE, mortality/ BRAIN INJURY, ACUTE, pathology/ *HEAD INJURIES, complications/ HEAD INJURIES, mortality/ HEAD INJURIES, pathology/ HUMAN/ NECROSIS, etiology/ NECROSIS, pathology/ *PITUITARY DISEASES, etiology/ PITUITARY DISEASES, pathology/

*PITUITARY GLAND, injuries/ PITUITARY GLAND, pathology/ *SHOCK, TRAUMATIC, complications/ SHOCK, TRAUMATIC, pathology

2172. **Korneev GIa**: Vydelenie s mochoĭ fraktsiĭ 17-ketosteroidov u zhenshchin v period stanovleniia menopauzy s klimaktericheskim nevrozom i bez nego.
Probl Endokr (Moskva) 13:33-7, May-Jun 67 **(Rus)**
*ANDROSTERONE, urine/ *DEHYDROEPIANDROSTERONE, urine/ ENGLISH ABSTRACT/ *ETIOCHOLANOLONE, urine/ FEMALE/ HUMAN/ *MENOPAUSE/ MIDDLE AGE/ NEUROSES, urine

2173. **Kornel L**: Corticosteroids in human blood. 3. Free and conjugated 17-hydroxycorticosteroids in healthy people and patients with Cushing's syndrome, before and after administration of corticotrophin.
Acta Endocr (Kobenhavn) 60:13-35, Jan 69
ADOLESCENCE/ ADULT/ BIOTRANSFORMATION/ CARBON ISOTOPES/ CORTICOTROPIN, diagnostic use/ *CUSHING'S SYNDROME, blood/ CUSHING'S SYNDROME, metabolism/ DEXAMETHASONE/ EXERTION/ FEMALE/ GLUCURONATES/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, blood/ 17-HYDROXYCORTICOSTEROIDS, metabolism/ MALE/ METABOLIC CLEARANCE RATE/ MIDDLE AGE/ PITUITARY-ADRENAL FUNCTION TESTS/ REST/ SULFATES

2174. **Kornmesser HJ**: Operative Behandlungsmassnahmen bei Stimmbandlähmungen.
Munchen Med Wschr 111:1798-802, 5 Sep 69 **(Ger)**
ENGLISH ABSTRACT/ HUMAN/ METHODS/ POSTOPERATIVE COMPLICATIONS/ THYROID GLAND, surgery/ TIME FACTORS/ VOCAL CORD PARALYSIS, etiology/ *VOCAL CORD PARALYSIS, surgery

2175. **Korns RF**: Relationship of water fluoridation to bone density in two N.Y. towns.
Public Health Rep 84:815-25, Sep 69
ADULT/ AGE FACTORS/ AGED/ AORTIC DISEASES, occurrence/ AORTIC DISEASES, radiography/ CALCINOSIS, occurrence/ CALCINOSIS, radiography/ FEMALE/ *FLUORIDATION/ *FRACTURES, occurrence/ *HIP, injuries/ HUMAN/ MALE/ MIDDLE AGE/ NEW YORK/ *OSTEOPOROSIS, occurrence/ OSTEOPOROSIS, radiography/ SEX FACTORS/ SPINAL DISEASES, occurrence/ SPINAL DISEASES, radiography/ *WATER SUPPLY/ *WRIST INJURIES, occurrence

2176. **Korolenko AS**: Nervnye volokna shchitovidnoĭ zhelezy pri roste razlichnykh shtammov opukholeĭ.
Probl Endokr (Moskva) 13:86-92, May-Jun 67 **(Rus)**
ANIMAL EXPERIMENTS/ CARCINOSARCOMA, pathology/ ENGLISH ABSTRACT/ MALE/ NEOPLASM TRANSPLANTATION/ *NEOPLASMS, EXPERIMENTAL, pathology/ NERVE FIBERS/ *NEURONS/ OVARIAN NEOPLASMS, pathology/ RATS/ SARCOMA, EXPERIMENTAL, pathology/ THYROID GLAND, innervation/ *THYROID GLAND, pathology

2177. **Korsukéwitz G**: Decoderm--ein dermatologischer Erfahrungsbericht.
Deutsch Med J 20:410-3, 20 Jun 69 **(Ger)**
*DERMATITIS, drug therapy/ FEMALE/ *GENTAMICIN, administration & dosage/ *GLUCOCORTICOIDS, administration & dosage/ HUMAN/ MALE/ SKIN DISEASES, drug therapy

2178. **Korte W, Beck KJ**: Operation und langdauernde Lynöstrenolbehandlung bei Endometriose.
Arch Gynaek 207:271-2, 1969 **(Ger)**
ENDOMETRIOSIS, drug therapy/ ENDOMETRIOSIS, surgery/ *ENDOMETRIOSIS, therapy/ FEMALE/ HUMAN/ *LYNESTRENOL, therapeutic use

2179. **Korvatskiĭ BG**: Vliianie belkovykh krovezameniteleĭ na funktsional'nuiu aktivnost' shchitovidnoĭ zhelezy pri tireotoksikoze. Vrach Delo 5:93-5, May 67 **(Rus)**
ADOLESCENCE/ ADULT/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, physiopathology/ MALE/ MIDDLE AGE/ *PLASMA SUBSTITUTES, therapeutic use/ *THYROID GLAND, physiopathology/ THYROID GLAND FUNCTION TESTS

2180. **Koshikawa S, Shigai T, Ideura T, et al**: [Clinical problems in body fluid balance]
Jap J Clin Med 27:1141-50, Apr 69 (83 ref.) **(Jap)**
ACID-BASE EQUILIBRIUM/ ALDOSTERONE, pharmacodynamics/ *BODY FLUIDS, metabolism/ DIABETES INSIPIDUS, metabolism/ EDEMA, metabolism/ GLOMERULAR FILTRATION RATE/ HUMAN/ HYPERTENSION, metabolism/ KIDNEY, physiopathology/ KIDNEY, transplantation/ KIDNEY FAILURE, CHRONIC, metabolism/ REVIEW/ *SODIUM, metabolism/ TRANSPLANTATION, HOMOLOGOUS/ *WATER-ELECTROLYTE BALANCE

2181. **Koshimura E**: [Analysis of steroids. I. Quantitative analysis of dihydroxymethylandrostadienone by colorimetry]
Bull Nat Inst Hyg Sci (Tokyo) 86:86-8, 1968 **(Jap)**
COLORIMETRY/ ENGLISH ABSTRACT/ *STEROIDS, analysis

2182. **Koshino K, Andy OJ**: Brain stem influence upon limbic and prefrontal discharge activity.
Jap J Physiol 19:187-97, 15 Apr 69
AMYGDALOID BODY, physiology/ ANIMAL EXPERIMENTS/ *BRAIN STEM, physiology/ CEREBRAL VENTRICLES, physiology/ ELECTRIC STIMULATION/ EVOKED POTENTIALS/ *FRONTAL LOBE, physiology/ HIPPOCAMPUS, physiology/ *LIMBIC SYSTEM, physiology/ MONKEYS/ PHENCYCLIDINE

2183. **Kostner G, Holasek A**: A method for the isolation of antibodies to human beta 1-lipoprotein.
Biochim Biophys Acta 188:157-9, 12 Aug 69
ANIMAL EXPERIMENTS/ *ANTIBODIES, isolation & purification/ CARBON ISOTOPES/ CHROMATOGRAPHY, ION EXCHANGE/ DOGS/ FLUORESCEINS/ HORSES/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IMMUNOELECTROPHORESIS/ LIPOPROTEINS/ METHODS/ OSMOLAR CONCENTRATION/ RABBITS/ THIOCYANATES/ ULTRACENTRIFUGATION

2184. **Kottová V, Binek B**: Vliv inhalací ionizovaného vzduchu na průběh respiračních onemocnění.
Cesk Pediat 24:782-7, Sep 69 **(Cze)**
*AIR/ AIR IONIZATION/ CARBON DIOXIDE/ ENGLISH ABSTRACT/ HUMAN/ HUMIDITY/ *IONS/ MONOAMINE OXIDASE/ OXYGEN/ RESERPINE/ *RESPIRATORY TRACT DISEASES, therapy/ SEROTONIN, therapeutic use

2185. **Kouvalainen K**: Hyperurikemia leukemiassa.
Duodecim 85:423-7, 1969 **(Fin)**
ADOLESCENCE/ ADRENAL CORTEX HORMONES, adverse effects/ BLOOD CELL COUNT/ FEMALE/ HUMAN/ *LEUKEMIA, LYMPHOBLASTIC, complications/ PURINE-PYRIMIDINE METABOLISM, INBORN ERRORS, therapy/ *URIC ACID, blood/ URIC ACID, metabolism/ URIC ACID, urine

2186. **Kovacs K, Somogyi A**: Prevention by spironolactone of 7,12-dimethylbenz(a)anthracene-induced adrenal necrosis. Proc Soc Exp Biol Med 131:1350-2, Sep 69
*ADRENAL GLAND DISEASES, chemically induced/ ADRENAL GLAND DISEASES, prevention & control/ ANIMAL EXPERIMENTS/ *BENZANTHRACENES, antagonists & inhibitors/ FEMALE/ HEMORRHAGE/ NECROSIS/ RATS/ *SPIRONOLACTONE, pharmacodynamics

2187. **Kovács K, Zámbó E, László FA**: Histometrische Untersuchungen an den Nebennieren bei Ratten. Die Wirkung von ACTH-Verabreichung, Formalin-Stress, Hypophysektomie und Cortisonbehandlung auf die

Nebennierenschichten.
Z Mikr Anat Forsch 79:413-33, 1968 (Ger)
*ADRENAL GLANDS, anatomy & histology/ ADRENAL GLANDS, drug effects/ *ADRENAL MEDULLA, anatomy & histology/ ADRENAL MEDULLA, drug effects/ ANIMAL EXPERIMENTS/ BIOMETRY/ BODY WEIGHT/ *CORTICOTROPIN, pharmacodynamics/ *CORTISONE, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ *FORMALDEHYDE, pharmacodynamics/ HYPOPHYSECTOMY/ INJECTIONS, SUBCUTANEOUS/ ORGAN WEIGHT/ *PITUITARY-ADRENAL SYSTEM, physiology/ RATS

2188. Kovalev MM, Savchenko AA: O narushenii obespecheniia organizma kislorodom u bol'nykh razlichnymi formami zoba po dannym gazov krovi.
Probl Endokr (Moskva) 13:3-7, May-Jun 67 (Rus)
ADULT/ AGED/ BLOOD GAS ANALYSIS/ ENGLISH ABSTRACT/ FEMALE/ *GOITER, blood/ GOITER, surgery/ *GOITER, EXOPHTHALMIC, blood/ HUMAN/ *HYPERTHYROIDISM, blood/ MALE/ MIDDLE AGE/ OXYGEN, blood

2189. Kovanda M: Infikované pseudoartrózy diafýz dlouhých kostí.
Acta Chir Orthop Traum Cech 36:204-6, Aug 69 (Cze)
ADOLESCENCE/ ADULT/ AGED/ *BONE AND BONES, physiopathology/ ENGLISH ABSTRACT/ FEMALE/ FRACTURE FIXATION/ HUMAN/ *INFECTION, therapy/ MALE/ METHODS/ MIDDLE AGE/ PSEUDARTHROSIS, etiology/ *PSEUDARTHROSIS, therapy/ SKIN, transplantation/ TRANSPLANTATION, AUTOLOGOUS

2190. Kowal J: Metabolic events associated with steroid biosynthesis in adrenal tissue cultures.
Trans NY Acad Sci 31:359-78, Apr 69
*ADRENAL GLAND NEOPLASMS, metabolism/ ANIMAL EXPERIMENTS/ CELL LINE/ *CLONE CELLS, metabolism/ *CORTICOTROPIN, pharmacodynamics/ MICE/ NEOPLASMS, EXPERIMENTAL, metabolism/ *STEROIDS, biosynthesis/ STIMULATION, CHEMICAL

2191. Koyama Y, Takakura K: [Intracranial invasions of malignant neoplasm--evaluation of autopsy cases]
Advances Neurol Sci (Tokyo) 13:188-97, Apr 69 (Jap)
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ *BRAIN NEOPLASMS, occurrence/ BRAIN NEOPLASMS, pathology/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ LUNG NEOPLASMS/ MALE/ MIDDLE AGE/ *NEOPLASM METASTASIS, occurrence/ PITUITARY NEOPLASMS

2192. Kozak BG: Nabliudenie pravostoronneĭ pakhovo-moshonochnoĭ gryzhi s odnovremennym perekruchivaniem semennogo kanatika i nekrozom iaichka u rebenka 6 chasov posle rozhdeniia.
Klin Khir (Kiev) 7:71-2, Jul 67 (Rus)
CASE REPORT/ *HERNIA/ HUMAN/ INFANT, NEWBORN/ *INGUINAL HERNIA/ MALE/ NECROSIS/ PREGNANCY/ *SCROTUM/ *SPERMATIC CORD TORSION/ *TESTICULAR DISEASES

2193. Kozlowski K, Flaszen A, Gumiński T, et al: 9-letnie chłopiec z cechami zespołu Turnera.
Wiad Lek 22:1023-5, 1 Jun 69 (Pol)
CHILD/ HUMAN/ MALE/ *TURNER'S SYNDROME, diagnosis

2194. Kraehahn G, Berswordt-Wallrabe R vo: Effects of 17alpha-ethinyl-19-nor-testosterone acetate on pituitary and serum levels of ICSH and FSH in female rats.
Europ J Pharmacol 6:303-11, 1969
ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ FEMALE/ *FSH, analysis/ FSH, blood/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ HYPOPHYSECTOMY/ *LH, analysis/ *LH, blood/ MALE/ ORGAN WEIGHT/ OVARY, drug effects/ OVULATION, drug effects/ PITUITARY GLAND/ PITUITARY GLAND, analysis/ RATS/ TESTIS, drug effects/ *TESTOSTERONE, pharmacodynamics/ UTERUS, drug effects

2195. Kraemer H, Schaefer H, Kurten B: Conséquences de la sympathectomie cervicale droite sur la thyroïde et la surrénale du rat castré.
J Physiol (Paris) 60:Suppl 2:478, 1968 (Fre)
*ADRENAL GLANDS, innervation/ ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ ASCORBIC ACID, metabolism/ CASTRATION/ *GANGLIA, AUTONOMIC, physiology/ IODINE, metabolism/ IODINE ISOTOPES/ MALE/ RATS/ SYMPATHECTOMY/ *THYROID GLAND, innervation/ THYROID GLAND, metabolism

2196. Kraft N, Shortman K, Jamieson D: The effect of x-irradiation on the balance between the alkaline ribonuclease and the alkaline ribonuclease inhibitor of mammalian tissues.
Radiat Res 39:655-68, Sep 69
ANIMAL EXPERIMENTS/ CORTISONE, pharmacodynamics/ *HYDROGEN-ION CONCENTRATION/ LIVER, enzymology/ MICE/ ORGAN WEIGHT/ *RADIATION EFFECTS/ RATS/ *RIBONUCLEASE, antagonists & inhibitors/ RIBONUCLEASE, radiation effects/ THYMUS GLAND, enzymology/ THYMUS GLAND, radiation effects/ TIME

2197. Kramer M: Therapie mit Sexualhormonen--Pharmakologie.
Z Allgemeinmed 45:660-9, 20 May 69 (Ger)
*ANDROGENS, therapeutic use/ ANIMAL EXPERIMENTS/ CHEMISTRY/ CHICKENS/ *ESTROGENS, therapeutic use/ FEMALE/ *GONADOTROPINS, therapeutic use/ HUMAN/ ICE/ MALE/ *PROGESTATIONAL HORMONES, therapeutic use/ RATS/ SEX HORMONES, history/ SEX HORMONES, physiology

2198. Krause EG, Wollenberger A: Abhängigkeit der Aktivität einiger Enzyme des Glykogenstoffwechsels des Skeletmuskels der Ratte vom Schilddrüsenstatus.
Acta Biol Med German 21:615-24, 1968 (Ger)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *GLUCOSYLTRANSFERASES, metabolism/ *GLYCOGEN, metabolism/ HYPOTHYROIDISM, metabolism/ *MUSCLES, enzymology/ *PHOSPHATASES, metabolism/ *PHOSPHORYLASE KINASE, metabolism/ RATS/ *THYROID GLAND, metabolism/ THYROXINE, pharmacodynamics

2199. Krauz VS, Amosov IS, Antonova UG, et al: Rentgenologicheskie metody differentsial'noĭ diagnostiki opukholeĭ zhenskikh polovykh organov.
Vop Onkol 15:17-22, 1969 (Rus)
ABDOMINAL NEOPLASMS, radiography/ *ADNEXAL DISEASES, radiography/ ADOLESCENCE/ ADULT/ AGED/ CERVIX NEOPLASMS, radiography/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ *GYNECOLOGIC NEOPLASMS, radiography/ HUMAN/ HYSTEROSALPINGOGRAPHY/ METHODS/ MIDDLE AGE/ *MYOMA, radiography/ NEOPLASMS/ OVARIAN CYSTS, radiography/ OVARIAN NEOPLASMS, radiography/ PELVIS, radiography/ PNEUMOPERITONEUM, ARTIFICIAL/ UTERINE NEOPLASMS, radiography

2200. Kravtsov MP: Funktsional'no-morfologicheskoe sostoianie kory nadpochechnikov pri listerioze novorozhdennykh.
Pediatriia 48:24-8, Mar 69 (Rus)
*ADRENAL GLANDS, pathology/ *ADRENAL GLANDS, physiopathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ *LISTERIA INFECTIONS, pathology/ *LISTERIA INFECTIONS, physiopathology/ MALE/ PREGNANCY

2201. Krawiec L, García Argiz CA, Gómez CJ, et al: Hormonal regulation of brain development. 3. Effects of triiodothyronine and growth hormone on the biochemical changes in the cerebral cortex and

cerebellum of neonatally thyroidectomized rats. Brain Res 15:209-18, Sep 69
AMINOTRANSFERASES, analysis/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ BODY WEIGHT, drug effects/ BRAIN, drug effects/ BRAIN, enzymology/ *BRAIN, growth & development/ BRAIN CHEMISTRY/ CEREBELLUM, growth & development/ CEREBRAL CORTEX, growth & development/ DNA, analysis/ FEMALE/ MALE/ ORGAN WEIGHT/ RATS/ RNA, analysis/ *SOMATOTROPIN, pharmacodynamics/ SUCCINATE DEHYDROGENASE, analysis/ THYROIDECTOMY/ *TRIIODOTHYRONINE, pharmacodynamics

2202. **Krejczy K, Lewandowska M, Skokowski J:** Przypadek raka tarczycy wrastającego do żyły głównej górnej i prawego serca. Pol Tyg Lek 24:725-6, 12 May 69 (Pol)
AGED/ *CARCINOMA, EPIDERMOID, pathology/ CASE REPORT/ ENGLISH ABSTRACT/ HUMAN/ MALE/ MYOCARDIUM, pathology/ *THYROID NEOPLASMS, pathology/ *VENA CAVA, SUPERIOR, pathology

2203. **Krekhova MA:** Sekretsiia 11-dezoksikortikosterona nadpochechnikami krolika. Probl Endokr (Moskva) 14:86-90, Jul-Aug 68 (Rus)
*ADRENAL GLANDS, secretion/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CHROMATOGRAPHY/ CORTICOSTERONE, secretion/ *DESOXYCORTICOSTERONE, secretion/ PROGESTERONE, secretion/ RABBITS

2204. **Kretschmann HJ, Wingert F:** Biometrische analyse der volumina des corpus amygdaloideum an einer ontogenetischen reihe von albinomäusen. Brain Res 12:200-22, Jan 69 (Ger)
AGE FACTORS/ AGING/ *AMYGDALOID BODY, growth & development/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ *BIOMETRY/ BRAIN, growth & development/ CEPHALOMETRY/ CEREBELLUM, growth & development/ CEREBRAL CORTEX, growth & development/ MATHEMATICS/ MICE

2205. **Kristesashvili DzhI:** Tsitogeneticheskie aspekty pervichnoĭ amenoreĭ. Akush Ginek (Moskva) 45:39-44, May 69 (Rus)
ADOLESCENCE/ ADULT/ AMENORRHEA, diagnosis/ *AMENORRHEA, familial & genetic/ FEMALE/ HUMAN/ KARYOTYPING/ SEX CHROMATIN

2206. **Krivoruchko IF, Kunina EM:** Soderzhanie 17-ketosteroidov u bol'nykh razlichnymi formami sakharnogo diabeta. Vrach Delo 10:132-3, Oct 67 (Rus)
AGED/ *DIABETES MELLITUS, urine/ FEMALE/ HUMAN/ *17-KETOSTEROIDS, urine/ MALE/ MIDDLE AGE/ TIME FACTORS

2207. **Kronberger L, Gölles J:** Zur Thromboseprophylaxe mit Rosskastanienextrakt. Med Klin 64:1207-9, 1969 (Ger)
ABDOMEN, surgery/ *AESCULUS, therapeutic use/ BLOOD VESSELS, surgery/ BREAST, surgery/ CAPILLARY PERMEABILITY, drug effects/ GOITER, surgery/ HERNIA, surgery/ HUMAN/ PLANT EXTRACTS, therapeutic use/ POSTOPERATIVE CARE/ *POSTOPERATIVE COMPLICATIONS, prevention & control/ *THROMBOEMBOLISM, prevention & control/ UROGENITAL SYSTEM, surgery/ WOUNDS AND INJURIES, surgery

2208. **Kroneberg G:** Synthetische Verbindungen mit Digitalis-ähnlicher Wirkung. Naunyn Schmiedeberg Arch Pharm 263:46-59, 1969 (Ger)
ADENOSINE TRIPHOSPHATASE, antagonists & inhibitors/ *AMIDINES, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BIPHENYL COMPOUNDS, pharmacodynamics/ *CARDANOLIDES, pharmacodynamics/ CHEMISTRY/ *DIETHYLSTILBESTROL, pharmacodynamics/ *DIGITOXIN, pharmacodynamics/ GLUCOCORTICOIDS, blood/ GUINEA PIGS/ HEART, drug effects/ HEART ATRIUM/ *HYDRAZINES, pharmacodynamics/ IN VITRO/ KINETICS/ *PREDNISONE, pharmacodynamics/ *PREGNENOLONE, pharmacodynamics/ PROTEIN BINDING/ RADIOAUTOGRAPHY/ SPECIES SPECIFICITY/ STIMULATION, CHEMICAL/ TRIAMCINOLONE, metabolism

2209. **Kröner H, Gutenberger B, Bojar H, et al:** Uber eine Hemmung der Protein- und Nucleinsäuresynthese durch Barbital. Naunyn Schmiedeberg Arch Pharm 263:231-2, 1969 (Ger)
*BARBITURATES, pharmacodynamics/ CARBON ISOTOPES/ DEPRESSION, CHEMICAL/ ENZYME INDUCTION, drug effects/ FACTOR V, biosynthesis/ HYDROCORTISONE, antagonists & inhibitors/ HYDRO-LYASES, metabolism/ LEUCINE, metabolism/ LIVER, drug effects/ LIVER, enzymology/ *LIVER, metabolism/ OROTIC ACID, metabolism/ *PROTEINS, biosynthesis/ *RNA, biosynthesis/ TRYPTOPHAN OXYGENASE, metabolism

2210. **Krüskemper HL:** Kortikoidtherapie, Zweck und Grenzen. Deutsch Med J 20:447-52, Jul 69 (Ger)
ADRENAL CORTEX HORMONES, adverse effects/ ADRENAL CORTEX HORMONES, pharmacodynamics/ *ADRENAL CORTEX HORMONES, therapeutic use/ ASTHMA, drug therapy/ AUTOIMMUNE DISEASES, drug therapy/ HEPATITIS, INFECTIOUS, drug therapy/ HUMAN/ HYDROCORTISONE, administration & dosage/ LEUKEMIA, drug therapy

2211. **Krüskemper HL, Morgner KD:** Einfluss von D-Thyroxin auf das PB127I im Serum. (Untersuchungen bei Hyper- und Hypothyreose) Acta Endocr (Kobenhavn) 61:359-68, Jun 69 (Ger)
HUMAN/ *HYPERTHYROIDISM, blood/ *HYPOTHYROIDISM, blood/ MIDDLE AGE/ *PROTEIN-BOUND IODINE TEST/ *THYROXINE, pharmacodynamics/ TRIIODOTHYRONINE, blood

2212. **Kuboki Y:** [Solubility of bone collagen] J Jap Stomat Soc 36:121, Jun 69 (Jap)
*BONE AND BONES, analysis/ *COLLAGEN/ SOLUBILITY

2213. **Kuboshima H:** [Nutritional state during the lactation and fatty acid in the plasma and milk] J Tokyo Med Coll 27:163-76, 1969 (Jap)
CHROMATOGRAPHY, GAS/ ENGLISH ABSTRACT/ *FATTY ACIDS, analysis/ *FATTY ACIDS, blood/ FEMALE/ HUMAN/ *LACTATION/ LINOLEIC ACID/ MARGARINE/ *MILK, HUMAN, analysis/ *NUTRITION/ OLEIC ACID/ TIME FACTORS

2214. **Kubota R:** [Electron microscopic studies of the testis after vasectomy in rats and men] Jap J Urol 60:373-97, May 69 (Jap)
ADULT/ ANIMAL EXPERIMENTS/ BIOPSY/ ENGLISH ABSTRACT/ HUMAN/ MALE/ MICROSCOPY, ELECTRON/ RATS/ SPERMATIC CORD, cytology/ *STERILIZATION, SEXUAL/ *TESTIS, cytology/ TIME FACTORS/ *VAS DEFERENS, surgery

2215. **Kucherenko AE:** Lechenie gidrokortizonom povrezhdenii sustavov i ikh posledstvii v ambulatornykh usloviiakh. Klin Khir (Kiev) 2:63-5, Feb 67 (Rus)
ADULT/ FEMALE/ HUMAN/ *HYDROCORTISONE, therapeutic use/ *JOINTS, injuries/ MALE/ MIDDLE AGE

2216. **Kudriashov BA, Bazaz'ian GG, Sytina NP:** Rol' tireoidnogo gormona v sokhranenii funktsii protivosvertyvaiushcheĭ sistemy krovi. Probl Endokr (Moskva) 14:84-8, Nov-Dec 68 (Rus)
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION, drug effects/ CHOLESTEROL, analysis/ CHOLESTEROL, blood/ CHOLESTEROL, urine/ DIET, ATHEROGENIC/ ENGLISH ABSTRACT/ FIBRINOGEN, blood/

FIBRINOLYSIS/ HEPARIN, pharmacodynamics/ MALE/ METHYLTHIOURACIL/ RATS/ *THYROID HORMONES, pharmacodynamics

2217. **Kuhlencordt F, Kruse HP, Lozano-Tonkin C, et al:** Therapie der Osteoporose mit Natriumfluorid. Morphologische Knochenbefunde bei acht Fallen.
Deutsch Med Wschr 94:1730-4, 29 Aug 69 (Ger)
ADULT/ AGED/ BIOPSY/ *BONE AND BONES, pathology/ BONE DEVELOPMENT, drug effects/ FEMALE/ FLUORIDES, administration & dosage/ *FLUORIDES, therapeutic use/ HUMAN/ ILIUM, pathology/ MALE/ MICRORADIOGRAPHY/ MIDDLE AGE/ *OSTEOPOROSIS, drug therapy/ OSTEOPOROSIS, pathology/ RIBS, pathology/ SODIUM, therapeutic use/ TETRACYCLINE, diagnostic use/ *VITAMIN D, therapeutic use

2218. **Kuhn E, Brodan V, Brodanová M, et al:** Metabolic reflection of sleep deprivation.
Activ Nerv Sup (Praha) 11:165-74, 1969
ADULT/ EOSINOPHILS, analysis/ FATTY ACIDS, blood/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ *SLEEP DEPRIVATION/ *STRESS, metabolism/ TRYPTOPHAN, metabolism

2219. **Kühn HA, Schultis K:** Therapie der akuten Virushepatitis.
Med Welt 23:1341-3, 7 Jun 69 (Ger)
ACUTE DISEASE/ DIET THERAPY/ GLUCOCORTICOIDS, therapeutic use/ HEAT/ HEPATITIS, INFECTIOUS, drug therapy/ *HEPATITIS, INFECTIOUS, therapy/ HOSPITALIZATION/ HUMAN/ REST

2220. **Kuipers T:** Carcinoma ovarii; chemotherapie na bestraling; voorlopige resultaten.
Nederl T Geneesk 113:1530-2, 30 Aug 69 (Dut)
FEMALE/ HUMAN/ *OVARIAN NEOPLASMS/ OVARIAN NEOPLASMS, drug therapy/ OVARIAN NEOPLASMS, radiotherapy/ OVARIAN NEOPLASMS, surgery

2221. **Kukaĭn RA, Nagaeva LI, Eligulashvili RK, et al:** Izuchenie chuvstvitel'nosti razlichnykh laboratornykh zhivotnykh k virusu sarkomy Moloni.
Vop Virus 14:305-9, May-Jun 69 (Rus)
ANEMIA, etiology/ ANIMAL EXPERIMENTS/ CHICKENS/ ENGLISH ABSTRACT/ GUINEA PIGS/ HAMSTERS/ LIVER NEOPLASMS, etiology/ LUNG NEOPLASMS, etiology/ MICE/ *MOLONEY VIRUS, pathogenicity/ *ONCOGENIC VIRUSES, pathogenicity/ RABBITS/ RATS/ SARCOMA, EXPERIMENTAL, blood/ *SARCOMA, EXPERIMENTAL, etiology/ SPLENIC NEOPLASMS, etiology/ THYMUS NEOPLASMS, etiology/ THYROID NEOPLASMS, etiology/ VIRUS DISEASES, blood/ *VIRUS DISEASES, complications

2222. **Kukharskaia EP:** Metod skennirovaniia shchitovidnoĭ zhelezy v dinamike.
Probl Endokr (Moskva) 14:37-41, May-Jun 68 (Rus)
ENGLISH ABSTRACT/ *GOITER, physiopathology/ HUMAN/ *IODINE ISOTOPES, DIAGNOSTIC/ METHODS/ *RADIOISOTOPE SCANNING/ *THYROID GLAND, physiopathology

2223. **Kukina MN:** Izmenenie funksii nadpochechnikov vo vremia splenéktomii u bol'nykh s gemorragicheskim diatezom pri razlichnoĭ metodike primeneniia steroidnykh gormonov.
Probl Gemat 12:42-6, Jun 67 (Rus)
*ADRENAL GLANDS, physiopathology/ *CORTICOTROPIN, administration & dosage/ ENGLISH ABSTRACT/ HEMORRHAGIC DIATHESIS, drug therapy/ *HEMORRHAGIC DIATHESIS, surgery/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, blood/ *PREDNISOLONE, administration & dosage/ *SPLENECTOMY

2224. **Kuksina VN, Lobina IG:** Opredelenie tiazheloĭ vody v tkaniakh po infrakrasnym spektram.
Lab Delo 5:303-4, 1967 (Rus)
ANIMAL EXPERIMENTS/ *DEUTERIUM, analysis/ DEUTERIUM, blood/ FEMALE/ *INFRARED RAYS/ MICE/ *MYOCARDIUM, analysis/ *OVARY, analysis/ *SPECTRUM ANALYSIS

2225. **Kulachkovskiĭ IuV:** Kora nadpochechnikov i ee gormony pri khronicheskom legochnom serdtse bol'nykh tuberkulezom pegkikh.
Vrach Delo 10:68-70, Oct 67 (Rus)
*ADRENAL GLANDS, physiopathology/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *17-KETOSTEROIDS, urine/ MALE/ PULMONARY HEART DISEASE, physiopathology/ *PULMONARY HEART DISEASE, urine/ TUBERCULOSIS, PULMONARY, physiopathology/ *TUBERCULOSIS, PULMONARY, urine

2226. **Kulaev DV:** Vliianie paratireodina na funktsiiu pochek.
Probl Endokr (Moskva) 15:95-8, Mar-Apr 69 (Rus)
ANIMAL EXPERIMENTS/ CALCIUM, blood/ CALCIUM, urine/ DIURESIS/ DOGS/ ENGLISH ABSTRACT/ *KIDNEY, drug effects/ *PARATHYROID HORMONE, pharmacodynamics/ POTASSIUM, urine/ SODIUM, urine

2227. **Kulesza R, Lipiński S:** Rola czynników neuro-hormonalnych w mechanizmie powstawania reaktcji pierwotnych po napromienieniu.
Acta Physiol Pol 20:441-50, Mar-Apr 69 (Pol)
ACETYLCHOLINE/ ANIMAL EXPERIMENTS/ ASTHENIA/ ELECTRIC STIMULATION/ ENGLISH ABSTRACT/ EPINEPHRINE/ *HISTAMINE, physiology/ MALE/ *MOTOR ACTIVITY, radiation effects/ *NEUROHUMORS, physiology/ NOREPINEPHRINE/ *RADIATION INJURY, EXPERIMENTAL/ RATS/ *REFLEX, CONDITIONED/ SEROTONIN/ *SYMPATHOMIMETICS, physiology

2228. **Kulov N:** Prinos kum kazuistikata na iuvenilnata aseptichna nekroza na testikularniia aparat.
Khirurgiia (Sofiia) 22:210, 1969 (Bul)
ADOLESCENCE/ CASE REPORT/ HUMAN/ MALE/ *NECROSIS/ *TESTICULAR DISEASES

2229. **Kulcsár A, Földes I, Kulcsár-Gergely J:** Importance of mucopolysaccharides in the development of the protective hepatotropic effect of hypothyrosis.
Tohoku J Exp Med 97:373-84, Apr 69
ANIMAL EXPERIMENTS/ CARBON TETRACHLORIDE POISONING, complications/ CARBON TETRACHLORIDE POISONING, metabolism/ ESTROGENS, metabolism/ FEMALE/ HISTOCYTOCHEMISTRY/ HYPOTHYROIDISM, chemically induced/ HYPOTHYROIDISM, metabolism/ *HYPOTHYROIDISM, physiopathology/ LIVER, metabolism/ LIVER, pathology/ *LIVER, physiopathology/ MUCOPOLYSACCHARIDES, metabolism/ *MUCOPOLYSACCHARIDES, physiology/ PERIODIC ACIDS/ RATS/ STAINS AND STAINING/ THYROIDECTOMY

2230. **Kumagai A, Morimoto Y:** [Inactivation of ACTH]
Jap J Clin Med 27:1392-400, May 69 (Jap)
ANIMAL EXPERIMENTS/ ANTIFIBRINOLYTIC AGENTS, pharmacodynamics/ CORTICOTROPIN, blood/ *CORTICOTROPIN, metabolism/ FIBRINOLYSIN, metabolism/ HUMAN/ IN VITRO/ KIDNEY/ METALS, pharmacodynamics/ RABBITS/ RATS/ STREPTOKINASE, metabolism/ SWINE

2231. **Kumagai A, Nanaboshi M, Yagura T:** [Steroid actions and feed back potency, with special reference to dissociation of glucocorticoid action]
Saishin Igaku 24:982-6, May 69 (Jap)
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ ANTIBODY FORMATION, drug effects/ ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ *FEEDBACK/ *GLUCOCORTICOIDS, pharmacodynamics/ GLYCOGEN, metabolism/ GLYCOSIDES, pharmacodynamics/ LIVER, metabolism/ PITUITARY GLAND, drug effects/ PREDNISOLONE, pharmacodynamics/ RATS

2232. Kumagai A, Uemura T: [Factors regulating biosynthesis of ACTH]
Jap J Clin Med 27:1373-6, May 69 (Jap)
ALANINE, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ *CORTICOTROPIN, biosynthesis/ HYPOTHALAMUS, analysis/ IN VITRO/ PHENYLALANINE, metabolism/ RATS/ VASOPRESSIN, pharmacodynamics

2233. Kumagai Y, Kubota M, Hojyo Y, et al: [Clinical experience with Octapressin]
Jap J Anesth 18:334-7, Apr 69 (Jap)
ADOLESCENCE/ ADULT/ AGED/ BLOOD PRESSURE, drug effects/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ *HYPOTENSION, drug therapy/ MALE/ MIDDLE AGE/ PHELYPRESSIN, therapeutic use/ POSTOPERATIVE COMPLICATIONS, drug therapy/ *VASOPRESSIN, therapeutic use

2234. Kumamoto Y: [Testicular function tests]
Jap J Clin Med 27:578-84, Mar 69 (Jap)
HUMAN/ LEYDIG CELLS, physiology/ MALE/ METHODS/ SPERMATOZOA/ *TESTIS, physiology

2235. Kumar MC, Pomeroy BS: Transmission of Mycoplasma meleagridis in turkeys.
Amer J Vet Res 30:1423-36, Aug 69
*AIR SACS, microbiology/ *MYCOPLASMA, isolation & purification/ MYCOPLASMA INFECTIONS, microbiology/ *MYCOPLASMA INFECTIONS, veterinary/ OVARY, microbiology/ *POULTRY DISEASES, microbiology/ RESPIRATORY TRACT DISEASES, microbiology/ *RESPIRATORY TRACT DISEASES, veterinary/ SEMEN, microbiology/ *TURKEYS

2236. Kune Z, Bret J: Congenital arterio-sinusal fistulae.
Acta Neurochir (Wien) 20:85-103, 1969
ADULT/ ARTERIOVENOUS FISTULA, complications/ *ARTERIOVENOUS FISTULA, congenital/ ARTERIOVENOUS FISTULA, surgery/ *CAROTID ARTERIES/ CAROTID ARTERIES, radiography/ *CRANIAL SINUSES/ EXOPHTHALMOS, etiology/ FEMALE/ HEADACHE, etiology/ HUMAN/ MALE/ MIDDLE AGE/ SINUS THROMBOSIS, complications/ SUBCLAVIAN ARTERY/ SUBCLAVIAN ARTERY, radiography/ VERTEBRAL ARTERY/ VERTEBRAL ARTERY, radiography

2237. Kunkel AM: Przypadek symulacji guza chromochłonnego. Pol Tyg Lek 24:1091-3, Jul 69 (Pol)
ADULT/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ *EPHEDRINE, poisoning/ *EPINEPHRINE, poisoning/ FEMALE/ HUMAN/ *HYPERTENSION, chemically induced/ HYPERTENSION, diagnosis/ *PHEOCHROMOCYTOMA, diagnosis

2238. Kuntzmann F, Reville P, Kurtz T, et al: Inhibition de l'effet natiurétique de l'angiotensine par les spirolactones et les salidiurétiques, dans la cirrhose et l'hypertension artérielle.
Path Biol (Paris) 17:447-58, May 69 (Fre)
*ANGIOTENSIN, pharmacodynamics/ *CHLORTHALIDONE, administration & dosage/ CREATININE, physiology/ DEPRESSION, CHEMICAL/ DIET, SALT-FREE/ ENGLISH ABSTRACT/ GLOMERULAR FILTRATION RATE/ HUMAN/ *HYPERTENSION, physiopathology/ INULIN, physiology/ KIDNEY TUBULES, physiology/ KIDNEY TUBULES, physiopathology/ *LIVER CIRRHOSIS, physiopathology/ *NATRIURESIS, drug effects/ NOREPINEPHRINE, pharmacodynamics/ POTASSIUM, urine/ *SPIRONOLACTONE, administration & dosage/ WATER, physiology

2239. Kunz W: Die Entstehung multipler Oocytennukleolen aus akzessorischen DNS-Körpern bei Gryllus domesticus. Chromosoma 26:41-75, 1969 (Ger)
ANIMAL EXPERIMENTS/ *CELL NUCLEOLUS/ *DNA, metabolism/ DNA REPLICATION/ ENGLISH ABSTRACT/ FEMALE/ INSECTS, cytology/ MALE/ MEIOSIS/ MICROSCOPY, ELECTRON/ MICROSCOPY, PHASE CONTRAST/ *OVUM, cytology/ RNA, metabolism/ SEX CHROMOSOMES/ SPERMATOZOA, cytology/ THYMIDINE, metabolism/ TRITIUM

2240. Kupfer D: Influence of chlorinated hydrocarbons and organophosphate insecticides on metabolism of steroids. Ann NY Acad Sci 160:244-53, 1969 (27 ref.)
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHLORDAN, metabolism/ *DDD, pharmacodynamics/ DDT, metabolism/ *DDT, pharmacodynamics/ DESOXYCORTICOSTERONE, metabolism/ ENZYME INDUCTION, drug effects/ ESTRADIOL, metabolism/ FEMALE/ GUINEA PIGS/ HEXOBARBITAL, metabolism/ *HYDROCARBONS, HALOGENATED, pharmacodynamics/ *HYDROCORTISONE, metabolism/ *INSECTICIDES, pharmacodynamics/ *LIVER, enzymology/ MALE/ PROADIFEN, pharmacodynamics/ PROGESTERONE, metabolism/ RATS/ REVIEW/ TESTOSTERONE, metabolism/ TYROSINE AMINOTRANSFERASE, metabolism

2241. Kupfer D: Effects of some pesticides and related compounds on steroid function and metabolism. Residue Rev 19:11-30, 1967 (96 ref.)
ADRENAL CORTEX HORMONES, metabolism/ ADRENAL GLANDS, drug effects/ ANDROGENS, metabolism/ ANIMAL EXPERIMENTS/ CHICKENS/ DDD, pharmacodynamics/ DDT, pharmacodynamics/ DIELDRIN, pharmacodynamics/ DOGS/ ESTROGENS, metabolism/ FEMALE/ *HORMONES, metabolism/ HYDROCARBONS, HALOGENATED, pharmacodynamics/ MALE/ MICE/ MICROSOMES, enzymology/ PARATHION, pharmacodynamics/ *PESTICIDES, pharmacodynamics/ RATS/ REVIEW

2242. Kupiecki FP: Reduced adenosine 3',5'-monophosphate phosphodiesterase activity in the pancreas and adipose tissue of spontaneously diabetic mice.
Life Sci 8:645-9, 15 Jun 69
ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ *ADIPOSE TISSUE, enzymology/ ANIMAL EXPERIMENTS/ *DIABETES MELLITUS, enzymology/ DIABETES MELLITUS, etiology/ IMMUNOASSAY/ INSULIN, blood/ MICE/ *PANCREAS, enzymology/ *PHOSPHATASES, metabolism

2243. Kuprilanova ES: O gonotroficheskom tsikle u komarov roda Culex. II. Nekotorye osobennosti sostoianiia iaichnikov u zimuiushchikh samok Culex pipiens pipiens L.
Med Parazit (Moskva) 37:451-5, Jul-Aug 68 (Rus)
*CULEX/ ENGLISH ABSTRACT/ FEMALE/ *HIBERNATION/ *OVARY, growth & development/ SEASONS

2244. Kurachi K, Hirota K: [Metabolism of catecholamines in the brain and sexual cycle. 2]
Saishin Igaku 24:997-1001, May 69 (Jap)
ANIMAL EXPERIMENTS/ *BRAIN, metabolism/ CASTRATION/ *CATECHOLAMINES, metabolism/ DOPA, pharmacodynamics/ *ESTRUS/ FEMALE/ GONADOTROPINS, secretion/ HYPOTHALAMUS, metabolism/ MONOAMINE OXIDASE, pharmacodynamics/ RATS/ RESERPINE, pharmacodynamics/ TIME FACTORS

2245. Kuramitsu H, Sasaki T: [Case of idiopathic hypoparathyroidism] Naika 23:769-74, Apr 69 (Jap)
ADULT/ HUMAN/ *HYPOPARATHYROIDISM/ HYPOPARATHYROIDISM, diagnosis/ HYPOPARATHYROIDISM, pathology/ MALE

2246. Kuriaki K, Miki H, Sejima Y, et al: [New antibiotics, Josamycin. V. Studies on toxicity of Josamycin]
Jap J Antibiot 22:219-25, Jun 69 (Jap)
ABNORMALITIES, DRUG-INDUCED, pathology/ ADRENAL GLANDS, drug effects/ ALKALINE

PHOSPHATASE, blood/ AMINOTRANSFERASES, blood/ ANIMAL EXPERIMENTS/ *ANTIBIOTICS, toxicity/ BLOOD CELL COUNT/ BLOOD PROTEINS, analysis/ BODY WEIGHT, drug effects/ BRAIN, drug effects/ ENGLISH ABSTRACT/ FEMALE/ HEART, drug effects/ HEMOGLOBINOMETRY/ KIDNEY, drug effects/ LUNG, drug effects/ MALE/ MATERNAL-FETAL EXCHANGE/ MICE/ ORGAN WEIGHT/ PREGNANCY/ RATS/ SERUM ALBUMIN, analysis/ THYMUS GLAND, drug effects

2247. **Kuroda R, Tanaka N, Iwata Y, et al:** [Case of malignant thymoma with symptoms of spinal compression and metastases to the skull]
Brain Nerve (Tokyo) 21:512-6, May 69 **(Jap)**
CHILD/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ NEOPLASM METASTASIS/ NEUROBLASTOMA, pathology/ *SARCOMA, RETICULUM CELL/ SARCOMA, RETICULUM CELL, pathology/ *SKULL NEOPLASMS/ SKULL NEOPLASMS, pathology/ *SPINAL CORD COMPRESSION, etiology/ SPINAL NEOPLASMS, diagnosis/ SPINAL NEOPLASMS, pathology/ *THYMOMA, complications/ THYMOMA, diagnosis/ THYMOMA, pathology/ *THYMUS NEOPLASMS, complications/ THYMUS NEOPLASMS, diagnosis/ THYMUS NEOPLASMS, pathology

2248. **Kurosumi K:** [Electron microscopic findings of the general structure and secretory mechanism of the anterior pituitary cells]
Clin Endocr (Tokyo) 17:471-81, Jun 69 (22 ref.) **(Jap)**
ANIMAL EXPERIMENTS/ CELL NUCLEUS/ FSH, secretion/ GOLGI APPARATUS/ LH, secretion/ LYSOSOMES/ MICROSCOPY, ELECTRON/ MICROSOMES, secretion/ MITOCHONDRIA/ *PITUITARY GLAND, cytology/ *PITUITARY GLAND, secretion/ PITUITARY HORMONES, ANTERIOR, secretion/ PROLACTIN, secretion/ RATS/ REVIEW/ RIBOSOMES

2249. **Kurosumi K:** [Relationship between ultrastructure and function of the anterior pituitary gland]
Clin Endocr (Tokyo) 17:470, Jun 69 **(Jap)**
HUMAN/ MICROSCOPY, ELECTRON/ *PITUITARY GLAND/ PITUITARY GLAND, cytology

2250. **Kurosumi K, Kobayashi Y:** [ACTH-producing cells of the anterior pituitary gland]
Jap J Clin Med 27:1333-47, May 69 **(Jap)**
ADRENAL CORTEX HORMONES, pharmacodynamics/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *CORTICOTROPIN, biosynthesis/ MICE/ MICROSCOPY, ELECTRON/ *PITUITARY GLAND, cytology/ RATS/ THYROIDECTOMY/ TIME FACTORS

2251. **Kushkovoĭ IuI:** K otsenke funktsii kory nadpochechnikov u bol'nykh s rannimi smadiiami ameroskleroza sosudov golovnogo.
Lab Delo 6:374-5, 1969 **(Rus)**
*ADRENAL GLANDS, physiopathology/ ADULT/ CEREBRAL ARTERIOSCLEROSIS, drug therapy/ *CEREBRAL ARTERIOSCLEROSIS, physiopathology/ CEREBRAL ARTERIOSCLEROSIS, urine/ DEHYDROEPIANDROSTERONE, urine/ FEMALE/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ 17-KETOSTEROIDS, urine/ MALE/ MIDDLE AGE

2252. **Kuuz AL:** O nekotorykh biokhimicheskikh pokazateliakh obmena v kstnoĭ kni pr olezni Itsenko--Kushinga.
Probl Endokr (Moskva) 15:18-21, Jan-Feb 69 **(Rus)**
ADULT/ *ALKALINE PHOSPHATASE, analysis/ BONE AND BONES, analysis/ *BONE AND BONES, metabolism/ CADAVER/ *CUSHING'S SYNDROME, metabolism/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE

2253. **Kuuz AL, Bukhman AI:** Urolitiaz i bolezn' Itsenko-Kushinga (Kliniko-rentgeno-laboratornoe issledovanie)
Probl Endokr (Moskva) 14:14-9, Nov-Dec 68 **(Rus)**
ADOLESCENCE/ ADULT/ CALCIUM, urine/ CHILD/ CITRATES, urine/ *CUSHING'S SYNDROME, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ MUCOPROTEINS, urine/ PHOSPHORUS, urine/ *URINARY CALCULI, complications/ URINARY CALCULI, etiology/ UROGRAPHY

2254. **Kuz'mah NI:** Kontsentratsiia sialovykh kislot v syvorotke krovi bol'nykh tireotoksikozom.
Probl Endokr (Moskva) 15:23-5, Mar-Apr 69 **(Rus)**
ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, blood/ MALE/ MIDDLE AGE/ *NEURAMINIC ACIDS, blood

2255. **Kuz'mak NI:** Opredelenie razlichnymi metodami soderzhaniia sialovykh kislot v syvorotke krovi u bol'nykh éndemicheskim zobom.
Probl Endokr (Moskva) 15:10-3, Jan-Feb 69 **(Rus)**
ADULT/ AGED/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FEMALE/ *GOITER, blood/ GOITER, diagnosis/ HUMAN/ HYPERTHYROIDISM, blood/ HYPOTHYROIDISM, blood/ IODINE ISOTOPES, therapeutic use/ MALE/ MIDDLE AGE/ *NEURAMINIC ACIDS, blood

2256. **Kuznetsova LV:** Soderzhanie kholesterina i ego éfirov v nadpochechniakakh plodov cheloveka.
Probl Endokr (Moskva) 14:69-73, May-Jun 68 **(Rus)**
*ADRENAL GLANDS, analysis/ ADRENAL GLANDS, embryology/ *CHOLESTEROL, analysis/ ENGLISH ABSTRACT/ ESTERS, analysis/ GESTATIONAL AGE/ HUMAN

2257. **Kyle J, Cole TP, Ewen SW:** La enfermedad de Crohn del recto. Prensa Med Argent 56:470-3, 16 May 69 **(Spa)**
ADULT/ AGED/ COLECTOMY/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ *ENTERITIS, REGIONAL, complications/ ENTERITIS, REGIONAL, therapy/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *RECTAL DISEASES, complications/ RECTAL NEOPLASMS, diagnosis/ STEROIDS, therapeutic use

2258. **Kyo Y, Okamoto T, Nakamura M, et al:** [Study on the Porter-Silber reaction--chromogenicity in various concentration of sulfuric acid]
Jap J Clin Path 17:403-7, May 69 **(Jap)**
*ADRENAL CORTEX HORMONES, urine/ COLORIMETRY/ INDICATORS AND REAGENTS/ PREDNISOLONE, urine/ PREDNISONE, urine/ *SULFURIC ACIDS

L

2259. **Laatikainen T, Vihko R:** Quantitation of C19O2 and C21O2 steroid mono- and disulfates in human bile.
Steroids 14:119-31, Aug 69
ADULT/ ANDROSTANES, analysis/ ANDROSTERONE, analysis/ *BILE, analysis/ *CARBON, analysis/ CHEMISTRY/ CHROMATOGRAPHY, GAS/ DEHYDROEPIANDROSTERONE, analysis/ ETIOCHOLANOLONE, analysis/ FEMALE/ FISTULA, metabolism/ GALLBLADDER, analysis/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, analysis/ MALE/ MIDDLE AGE/ *OXYGEN, analysis/ PREGNANEDIOL, analysis/ PREGNANES, analysis/ PREGNENOLONE, analysis/ SPECTRUM ANALYSIS/ *STEROIDS, analysis/ STEROLS, analysis/ *SULFATES, analysis/ TRITIUM

2260. **Laborie F, Laborie R:** Sur l'antagonisme diabète--asthme allergique et leur mécanisme physiopathologique.
J Med Bordeaux 144:1143-52, Aug 67 **(Fre)**
*ASTHMA, complications/ BLOOD SUGAR, analysis/ CHOLESTEROL, blood/ CORTISONE, metabolism/ *DIABETES MELLITUS, complications/ ENGLISH ABSTRACT/

HUMAN/ LIPASE, blood/ RESPIRATORY HYPERSENSITIVITY, blood

2261. **Laborie F, Laborie R:** Sur l'antagonisme diabete asthme allergique et leur mecanisme physiopathologique.
Derm Int 7:215-21, Oct-Dec 68 (Fre)
ADULT/ *ASTHMA, complications/ ASTHMA, physiopathology/ BLOOD SUGAR, analysis/ CHOLESTEROL, blood/ CORTISONE, therapeutic use/ *DIABETES MELLITUS, complications/ DIABETES MELLITUS, physiopathology/ FEMALE/ GLUCOSE TOLERANCE TEST/ HUMAN/ INSULIN, diagnostic use/ LIPASE, blood/ *RESPIRATORY HYPERSENSITIVITY, complications/ RESPIRATORY HYPERSENSITIVITY, physiopathology

2262. **Lachmann D, Zweymüller E:** Vorzeitiges körperliches Altern bei Kindern.
Wien Klin Wschr 81:499-500, 27 Jun 69 (Ger)
ADOLESCENCE/ ADULT/ ARTERIOSCLEROSIS, complications/ BONE AND BONES, growth & development/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ GROWTH DISORDERS/ HUMAN/ INFANT/ MALE/ PROGERIA, complications/ PROGERIA, etiology/ PROGERIA, mortality/ *PROGERIA, physiopathology/ SKIN MANIFESTATIONS

2263. **Lachowicz L:** Hormony estrogenne a krwinka czerwona.
Ginek Pol 40:571-8, May 69 (33 ref.) (Pol)
ENGLISH ABSTRACT/ *ERYTHROCYTES, metabolism/ ESTROGENS, blood/ *ESTROGENS, metabolism/ FEMALE/ HUMAN/ NAD, metabolism/ NADP, metabolism/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC, blood/ REVIEW

2264. **Lacroix E, Leusen I:** L'activité phosphorylasique du myocarde de rat.
J Physiol (Paris) 60:Suppl 2:479, 1968 (Fre)
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CELL MEMBRANE, enzymology/ CORTISONE, pharmacodynamics/ *GLUCOSYLTRANSFERASES, metabolism/ *MYOCARDIUM, enzymology/ OXYGEN, pharmacodynamics/ PERFUSION/ RATS/ RESERPINE, pharmacodynamics

2265. **Laduron P, Belpaire F:** Intracellular distribution of endogenous inhibitors of dopamine-beta-hydroxylase.
Arch Int Physiol 76:938-9, Dec 68
ADRENAL MEDULLA, enzymology/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CATTLE/ CHROMATOGRAPHY/ COPPER, pharmacodynamics/ DOPA, biosynthesis/ *DOPAMINE/ DOPAMINE, biosynthesis/ ETHYLMALEIMIDE, pharmacodynamics/ *HYDROXYLASES, antagonists & inhibitors/ KINETICS/ NOREPINEPHRINE, biosynthesis/ TYROSINE, metabolism

2266. **Laffargue P, Serment H, Bossi G, et al:** Un cas de carcinome bilatéral de l'ovaire à stroma fonctionnel.
Bull Fed Gynec Obstet Franc 19:128-31, Apr-May 67 (Fre)
AGED/ *CYSTADENOCARCINOMA, pathology/ FEMALE/ HUMAN/ *NEOPLASMS, MULTIPLE PRIMARY, pathology/ *OVARIAN NEOPLASMS, pathology

2267. **Lagerquist CR, Bokowski DL, Hammond SE, et al:** Plutonium content of several internal organs following occupational exposure.
Amer Industr Hyg Ass J 30:417-21, Jul-Aug 69
*ACCIDENTS, INDUSTRIAL/ AMERICIUM, analysis/ BONE AND BONES, analysis/ BRONCHI, analysis/ ENVIRONMENTAL EXPOSURE/ HUMAN/ KIDNEY, analysis/ LIVER, analysis/ LUNG, analysis/ LYMPH NODES, analysis/ MALE/ MAXIMUM PERMISSIBLE EXPOSURE LEVEL/ *PLUTONIUM, analysis/ PLUTONIUM, urine/ *RADIATION INJURY/ RADIOMETRY/ SPLEEN, analysis

2268. **La Grutta A, Mollica F:** Sull'impiego della daunomicina in associazione ad altri farmaci nella cura della leucemia acuta infantile.
Haematologica 54:197-216, 1969 (Ita)
ADULT/ *ANTIBIOTICS, ANTINEOPLASTIC, therapeutic use/ CHILD/ *DAUNOMYCIN, therapeutic use/ HUMAN/ *LEUKEMIA, LYMPHOBLASTIC, drug therapy/ PREDNISOLONE, administration & dosage/ VINCRISTINE, administration & dosage

2269. **Lahiri BC:** Oral contraceptives.
J Indian Med Ass 52:38-40, 1 Jan 69 (50 ref.)
*CONTRACEPTIVES, ORAL/ CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ LIVER DISEASES, chemically induced/ REVIEW/ THROMBOEMBOLISM, chemically induced

2270. **Lahovaara S, Paasonen MK, Airaksinen MM:** Rate of metabolism of adrenaline and 5-hydroxytryptamine by blood platelets.
Ann Med Exp Biol Fenn 46:453-6, 1968
ANIMAL EXPERIMENTS/ BLOOD PLATELETS, enzymology/ *BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ *EPINEPHRINE, metabolism/ HUMAN/ METHODS/ MONOAMINE OXIDASE, physiology/ PYROGALLOL, pharmacodynamics/ RABBITS/ *SEROTONIN, metabolism/ TRANSFERASES, analysis/ TRANYLCYPROMINE, pharmacodynamics

2271. **Lahti RA, Platz PA, Heinzelman RV:** Effects of alpha-methyl-5-hydroxytryptophan and alpha-methyl-5-hydroxytryptamine on norepinephrine in mouse myocardium.
Biochem Pharmacol 18:1601-8, Jul 69
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, THIN LAYER/ CRESOLS, pharmacodynamics/ *HYDROXYTRYPTOPHAN, pharmacodynamics/ MICE/ MYOCARDIUM, analysis/ *MYOCARDIUM, metabolism/ NOREPINEPHRINE, analysis/ *NOREPINEPHRINE, metabolism/ SEROTONIN, analysis/ SEROTONIN, metabolism/ *SEROTONIN, pharmacodynamics/ TRITIUM

2272. **Laibson PR:** Ocular inflammation, viruses, and the two-edged sword of corticosteroids.
Med Clin N Amer 53:1145-60, Sep 69
CATARACT, chemically induced/ *EYE DISEASES, drug therapy/ GLAUCOMA, chemically induced/ GLUCOCORTICOIDS, administration & dosage/ GLUCOCORTICOIDS, adverse effects/ GLUCOCORTICOIDS, pharmacodynamics/ *GLUCOCORTICOIDS, therapeutic use/ HUMAN/ KERATITIS, DENDRITIC, chemically induced/ *VIRUS DISEASES, drug therapy

2273. **Lakaye G:** Le syndrome d'Albright.
Arch Belg Derm Syph 24:169-71, 1968 (Fre)
ADULT/ ENGLISH ABSTRACT/ FEMALE/ *FIBROUS DYSPLASIA OF BONE/ HUMAN/ OVARIAN CYSTS, complications/ PIGMENTATION DISORDERS, complications

2274. **Lal H, Brown RM:** Effect of Escherichia coli endotoxin on locomotor activity of mice.
Toxicon 7:39-42, Jun 69
AMPHETAMINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BODY TEMPERATURE, drug effects/ CORTISONE, pharmacodynamics/ *ENDOTOXINS, pharmacodynamics/ ESCHERICHIA COLI/ EXPLORATORY BEHAVIOR, drug effects/ MALE/ MICE/ *MOTOR ACTIVITY, drug effects

2275. **Lamberg BA, Koskelo P, Runeberg L:** Acute porphyria in a hyperthyroid patient.
Acta Med Scand 185:415-20, May 69
DIAGNOSIS, DIFFERENTIAL/ FECES, analysis/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, complications/ HYPERTHYROIDISM, diagnosis/ LEVULINIC ACID, urine/ MIDDLE AGE/ *PORPHYRIA, complications/ PORPHYRIA, diagnosis/ PORPHYRIA, urine/ PROTEIN-BOUND IODINE TEST

2276. **Lamberg BA, Ripatti J, Gordin A, et al:** Chromophobe pituitary adenoma with acromegaly and TSH-induced hyperthyroidism associated with parathyroid adenoma. Acromegaly and parathyroid adenoma.
Acta Endocr (Kobenhavn) 60:157-72, Jan 69
ACROMEGALY, blood/ *ACROMEGALY, complications/ ACROMEGALY, etiology/ ADENOMA, complications/ *ADENOMA, CHROMOPHOBE, complications/ ADULT/ CORTICOTROPIN, blood/ FEMALE/ GONADOTROPINS, blood/ HUMAN/ *HYPERPARATHYROIDISM, complications/ *HYPERTHYROIDISM, complications/ HYPERTHYROIDISM, etiology/ HYPOPHYSECTOMY/ LONG-ACTING THYROID STIMULATOR, blood/ MALE/ MIDDLE AGE/ *PARATHYROID NEOPLASMS, complications/ PITUITARY GLAND, POSTERIOR, analysis/ *PITUITARY NEOPLASMS, complications/ SOMATOTROPIN, blood/ THYROIDECTOMY/ THYROTROPIN, analysis/ THYROTROPIN, blood

2277. **Lambert AE, Jeanrenaud B, Junod A, et al:** Organ culture of fetal rat pancreas. II. Insulin release induced by amino and organic acids, by hormonal peptides, by cationic alterations of the medium and by other agents.
Biochim Biophys Acta 184:540-53, 2 Sep 69
*ACIDS, pharmacodynamics/ ADENYL CYCLASE, metabolism/ AMINO ACIDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ CAFFEINE, pharmacodynamics/ CALCIUM, pharmacodynamics/ CULTURE MEDIA/ DEPRESSION, CHEMICAL/ DICARBOXYLIC ACIDS, pharmacodynamics/ FATTY ACIDS, pharmacodynamics/ FEMALE/ GLUCAGON, pharmacodynamics/ GLUCOSE, metabolism/ *HORMONES, pharmacodynamics/ IN VITRO/ *INSULIN, metabolism/ INTESTINAL MUCOSA/ MAGNESIUM, pharmacodynamics/ *METALS, pharmacodynamics/ OUABAIN, pharmacodynamics/ PANCREAS, embryology/ *PANCREAS, metabolism/ PEPTIDES, pharmacodynamics/ POTASSIUM, pharmacodynamics/ PREGNANCY/ RATS/ SODIUM, pharmacodynamics/ STIMULATION, CHEMICAL/ TISSUE CULTURE/ TOLBUTAMIDE, pharmacodynamics

2278. **Lambert AE, Junod A, Stauffahcer W, et al:** Organ culture of fetal rat pancreas. I. Insulin release induced by caffeine and by sugars and some derivatives.
Biochim Biophys Acta 184:529-39, 2 Sep 69
ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ ALCOHOLS, pharmacodynamics/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ *CAFFEINE, pharmacodynamics/ *CARBOHYDRATES, pharmacodynamics/ CULTURE MEDIA/ DEPRESSION, CHEMICAL/ DRUG SYNERGISM/ FEMALE/ GLUCAGON, pharmacodynamics/ GLUCOSE, antagonists & inhibitors/ GLUCOSE, pharmacodynamics/ HEXOSAMINES, pharmacodynamics/ HEXOSES, pharmacodynamics/ IN VITRO/ *INSULIN, metabolism/ MONOSACCHARIDES, pharmacodynamics/ OLIGOMYCIN, pharmacodynamics/ PANCREAS, drug effects/ PANCREAS, embryology/ *PANCREAS, metabolism/ PHLORHIZIN, pharmacodynamics/ PREGNANCY/ *PYRUVATES, pharmacodynamics/ RATS/ STIMULATION, CHEMICAL/ TIME FACTORS/ TISSUE CULTURE

2279. **Lampert F, Karsch P, Goldenberg DM:** Chromosomen von heterolog und homolog transplantierten Human- und Hamstertumoren.
Arch Geschwulstforsch 32:309-21, 1968 (Ger)
ADENOCARCINOMA, familial & genetic/ ANIMAL EXPERIMENTS/ *CHROMOSOMES/ COLONIC NEOPLASMS, familial & genetic/ ENGLISH ABSTRACT/ FEMALE/ HAMSTERS/ HUMAN/ KARYOTYPING/ MALE/ MELANOMA, familial & genetic/ NEOPLASM TRANSPLANTATION/ *NEOPLASMS, familial & genetic/ NEOPLASMS, EXPERIMENTAL, familial & genetic/ OVARIAN NEOPLASMS, familial & genetic/ TRANSPLANTATION, HETEROLOGOUS/ TRANSPLANTATION, HOMOLOGOUS

2280. **Lamprecht SA, Lindner HR, Strauss JF 3d:** Induction of 20alpha-hydroxysteroid dehydrogenase in rat corpora lutea by pharmacological blockade of pituitary prolactin secretion.
Biochim Biophys Acta 187:133-43, 29 Jul 69
ABORTION, chemically induced/ ANIMAL EXPERIMENTS/ CORPUS LUTEUM, enzymology/ ENZYME INDUCTION/ ERGOLINES, pharmacodynamics/ *ERGOT ALKALOIDS, pharmacodynamics/ ESTRUS, drug effects/ FEMALE/ HISTOCYTOCHEMISTRY/ *HYDROXYSTEROID DEHYDROGENASE, biosynthesis/ OVARY, drug effects/ OVARY, enzymology/ PITUITARY GLAND, drug effects/ PREGNANCY/ PROGESTERONE, secretion/ PROLACTIN, pharmacodynamics/ PROLACTIN, secretion/ RATS/ SHEEP

2281. **Lan SJ, Sallach HJ, Cohen PP:** The enzymatic steps of pyrimidine biosynthesis in the unfertilized frog egg.
Biochemistry (Wash) 8:3673-80, Sep 69
AMMONIUM CHLORIDE, metabolism/ ANIMAL EXPERIMENTS/ ASPARTIC ACID/ BICARBONATES, metabolism/ CARBAMATES, biosynthesis/ CARBON DIOXIDE, metabolism/ CARBON ISOTOPES/ CITRULLINE, biosynthesis/ FEMALE/ FERTILIZATION/ FROGS/ GLUTAMINE/ OROTIC ACID, biosynthesis/ OROTIC ACID, metabolism/ OVARY, enzymology/ *OVARY, metabolism/ OVULATION/ OVUM, enzymology/ *OVUM, metabolism/ PHOSPHATES, biosynthesis/ *PHOSPHOTRANSFERASES, metabolism/ *PYRIMIDINES, biosynthesis/ *TRANSFERASES, metabolism/ URACIL NUCLEOTIDES, biosynthesis

2282. **Lanaro AE: Irizarry S:** Thyroid scanning in carcinoma of the thyroid gland.
Bol Asoc Med P Rico 59:407-13, Oct 67
HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ *RADIOISOTOPE SCANNING/ THYROID GLAND FUNCTION TESTS/ *THYROID NEOPLASMS, diagnosis

2283. **Landay ME, Wright GG, Pulliam JD, et al:** Toxicity of Pasteurella tularensis killed by ionizing radiation.
J Bact 96:804-10, Sep 68
ANIMAL EXPERIMENTS/ BACTERIAL VACCINES/ CORTISONE, therapeutic use/ ENDOTOXINS/ FEMALE/ GUINEA PIGS/ HEMATOCRIT/ IMMUNE SERUMS, therapeutic use/ LEUKOCYTE COUNT/ MICE/ PASTEURELLA TULARENSIS, immunology/ *PASTEURELLA TULARENSIS, radiation effects/ PYROGENS/ RABBITS/ *RADIATION EFFECTS/ *TOXINS/ TOXINS, toxicity

2284. **Landolt RF:** Ueber Ectodermose érosive pluri-orificielle (Stevens-Johnson-Syndrom)
Praxis 57:1534-8, 5 Nov 68 (Ger)
ADOLESCENCE/ ANTIBIOTICS, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ INFANT/ PROGNOSIS/ *STEVENS-JOHNSON SYNDROME, diagnosis/ STEVENS-JOHNSON SYNDROME, drug therapy/ STEVENS-JOHNSON SYNDROME, etiology/ VITAMINS, therapeutic use

2285. **Landon J, Hussa RO, Winnick T:** The small-scale isolation and characterization of adrenocorticotrophin. Biochem J 114:519-28, Sep 69
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CATTLE/ CHROMATOGRAPHY/ CHYMOTRYPSIN/ CORTICOTROPIN, analysis/ *CORTICOTROPIN, isolation & purification/ ELECTROPHORESIS/ GEL FILTRATION/ HUMAN/ METHODS/ PITUITARY GLAND, analysis/ RADIOIMMUNOASSAY/ SWINE/ TEMPERATURE

2286. **Lange E, Hilbig C:** Zur Psycho-Sozio(patho)logie des

chondrodystrophen Zwerges.
Bibl Psychiat Neurol 142:132-54, 1969 (Ger)
ADAPTATION, PSYCHOLOGICAL/ ADULT/ BODY HEIGHT/ CHILD/ CHILD DEVELOPMENT/ *CHONDRODYSTROPHIA CALCIFICANS CONGENITA/ *DWARFISM/ EGO/ ENGLISH ABSTRACT/ ENVIRONMENT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ OCCUPATIONS/ PSYCHOPATHOLOGY/ SOCIAL ADJUSTMENT/ SOCIOLOGY

2287. **Lange H, Gossmann HH, Seybold D, et al:** Toxische Hypercalcämie und reversible Weichteilverkalkungen in der Polyuriephase nach akutem Nierenversagen.
Deutsch Med Wschr 94:2155-6 passim, 17 Oct 69 (Ger)
ADULT/ ANURIA/ *CALCINOSIS, etiology/ CASE REPORT/ ENGLISH ABSTRACT/ HUMAN/ *HYPERCALCEMIA, etiology/ *KIDNEY FAILURE, ACUTE, complications/ KIDNEY FAILURE, ACUTE, therapy/ MALE/ PERITONEAL DIALYSIS/ *POLYURIA/ WOUNDS AND INJURIES, complications

2288. **Lange-Sundermann K:** Klinische Untersuchungen eines neuen Gelbkörpersteroids.
Arzneimittelforschung 19:1273-7, Aug 69 (Ger)
ADOLESCENCE/ ADULT/ AMENORRHEA, drug therapy/ CORPUS LUTEUM HORMONES, pharmacodynamics/ *CORPUS LUTEUM HORMONES, therapeutic use/ DEPRESSION, CHEMICAL/ FEMALE/ HEMORRHAGE, drug therapy/ HUMAN/ HYPERPLASIA, drug therapy/ MENORRHAGIA, drug therapy/ *MENSTRUATION DISORDERS, drug therapy/ MIDDLE AGE/ POTASSIUM, metabolism/ PROGESTERONE/ SODIUM, metabolism/ *UTERINE HEMORRHAGE, drug therapy/ *UTERUS, drug effects

2289. **Lange-Sundermann K:** Experimentell untersuchungen neuer Gelbkörpersteroide.
Arzneimittelforschung 19:756-61, May 69 (Ger)
ANIMAL EXPERIMENTS/ BLOOD, drug effects/ BLOOD VESSELS, drug effects/ BODY WEIGHT, drug effects/ CHROMATOGRAPHY/ *CORPUS LUTEUM, analysis/ ENGLISH ABSTRACT/ FEMALE/ HEART, drug effects/ HUMAN/ INFRARED RAYS/ ISCHEMIA, chemically induced/ KIDNEY, drug effects/ LIVER, drug effects/ MALE/ MICE/ OXIDATION-REDUCTION/ *PREGNANES, analysis/ PREGNANES, therapeutic use/ PREGNANES, toxicity/ PROGESTERONE/ RATS/ SARCOMA 180, CROCKER, drug therapy/ SPECTRUM ANALYSIS/ UTERUS, drug effects

2290. **Langer H:** Pruritus vulvae.
Munchen Med Wschr 111:1748-53, 29 Aug 69 (Ger)
ADULT/ CONDYLOMATA ACUMINATA, complications/ CONTRACEPTIVES, ORAL, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ IMIDAZOLES, therapeutic use/ KRAUROSIS VULVAE, complications/ MONILIASIS, chemically induced/ MONILIASIS, complications/ MONILIASIS, etiology/ PREGNANCY/ PREGNANCY COMPLICATIONS, INFECTIOUS/ *PRURITUS VULVAE, etiology/ TRICHOMONAS INFECTIONS, complications/ TRICHOMONAS INFECTIONS, drug therapy/ VULVITIS, complications

2291. **Langer P, Michajlovskij N:** Studies on the antithyroid activity of naturally occurring L-5-vinyl-2-thiooxazolidone and its urinary metabolite in rats. Acta Endocr (Kobenhavn) 62:21-30, Sep 69
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, PAPER/ IODINE, metabolism/ IODINE ISOTOPES, DIAGNOSTIC/ OXAZOLES, metabolism/ *OXAZOLES, pharmacodynamics/ OXAZOLES, urine/ RATS/ *THYROID ANTAGONISTS/ THYROID GLAND, drug effects/ THYROID GLAND, metabolism/ THYROID HORMONES, biosynthesis

2292. **Langer-Gawin D:** Hormony regulujące równowagę wapniowo-fosforową parathormon (PTH) i thyrocalcitonina (TCT)
Wiad Lek 22:1201-5, 1 Jul 69 (20 ref.) (Pol)
BONE AND BONES, metabolism/ CALCINOSIS, etiology/ *CALCIUM, metabolism/ HUMAN/ HYPOCALCEMIA, etiology/ KIDNEY CALCULI, etiology/ *PARATHYROID HORMONE/ *PHOSPHORUS, metabolism/ REVIEW/ *THYROCALCITONIN

2293. **Langner RO, Fuller GC:** Elevation of proline hydroxylase activity in diseased rabbit aorta.
Biochem Biophys Res Commun 36:559-66, 15 Aug 69
ANIMAL EXPERIMENTS/ *AORTA, enzymology/ AORTIC DISEASES, chemically induced/ *AORTIC DISEASES, enzymology/ ARTERIOSCLEROSIS, enzymology/ ASCORBIC ACID, pharmacodynamics/ COLLAGEN, biosynthesis/ EPINEPHRINE/ *HYDROXYLASES, metabolism/ HYDROXYPROLINE, biosynthesis/ IRON, pharmacodynamics/ KETOGLUTARIC ACID, pharmacodynamics/ KINETICS/ LIVER, enzymology/ MALE/ ORGAN SPECIFICITY/ PROLINE, metabolism/ RABBITS/ RATS/ SPECIES SPECIFICITY/ STIMULATION, CHEMICAL/ THYROXINE/ TRITIUM/ WATER

2294. **Langness U, Eickenbusch W:** Hydroxyprolinbestimmung im Urin zur Funktionsdiagnostik der Schilddrüse.
Med Klin 64:1111-4, 13 Jun 69 (Ger)
CHOLESTEROL, blood/ GOITER, diagnosis/ GOITER, urine/ HUMAN/ *HYDROXYPROLINE, urine/ HYPERTHYROIDISM, diagnosis/ HYPERTHYROIDISM, urine/ HYPOTHYROIDISM, diagnosis/ HYPOTHYROIDISM, urine/ PROTEIN-BOUND IODINE TEST/ THYROID DISEASES, blood/ THYROID DISEASES, diagnosis/ *THYROID DISEASES, urine/ *THYROID GLAND FUNCTION TESTS/ TRIIODOTHYRONINE, blood

2295. **Lanin LE:** Izmeneniia v serdechno-sosudistoĭ sisteme u krolikov pri diabete i vvedenie nekotorykh gormonov.
Biull Eksp Biol Med 67:28-31, Feb 69 (Rus)
ANIMAL EXPERIMENTS/ BLOOD COAGULATION, drug effects/ *CARDIOVASCULAR SYSTEM, drug effects/ *DIABETES MELLITUS/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ *EPINEPHRINE, pharmacodynamics/ *HYDROCORTISONE, pharmacodynamics/ LIPIDS, blood/ *PITUITARY HORMONES, POSTERIOR, pharmacodynamics/ RABBITS

2296. **Lansdown AB:** An investigation of the development of the wing skeleton in the quail (Coturnix c. japonica).
J Anat 105:103-14, Jul 69
ANIMAL EXPERIMENTS/ *BIRDS, embryology/ *BONE AND BONES, embryology/ CHICKENS, embryology/ FINGERS, embryology/ HUMERUS, embryology/ METACARPUS, embryology/ OSSIFICATION, PHYSIOLOGIC/ RADIUS, embryology/ SPECIES SPECIFICITY/ ULNA, embryology/ *WING, embryology/ WRIST, embryology

2297. **Lanyon LE, Smith RN:** Measurements of bone strain in the walking animal. Res Vet Sci 10:93-4, Jan 69
ANIMAL EXPERIMENTS/ BIOMECHANICS/ *BONE AND BONES/ *LOCOMOTION/ METHODS/ SHEEP/ TIBIA

2298. **Lanza M, Richert J:** Synergies et antagonismes de quelques substances à l'égard de l'angiotensine.
C R Soc Biol (Paris) 162:1969-71, May 69 (Fre)
*ANGIOTENSIN, antagonists & inhibitors/ *ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ DRUG ANTAGONISM/ DRUG SYNERGISM/ FUROSEMIDE, pharmacodynamics/ KALLIKREIN, pharmacodynamics/ MALE/ NOREPINEPHRINE, pharmacodynamics/ PARASYMPATHOMIMETICS, pharmacodynamics/ PHENYLEPHRINE, pharmacodynamics/ RATS/ TACHYPHYLAXIS/

VAGOTOMY/ VASODILATOR AGENTS, pharmacodynamics/ VASOPRESSIN, pharmacodynamics

2299. **Laperrouza C, Siebenthal J de:** Thrombocytose et hyperleucocytose prolongées dans un cas de maladie de Crohn iléale avec pelvispondylite.
Schweiz Med Wschr 99:1060-2, 19 Jul 69 (Fre)
ADULT/ ALKALINE PHOSPHATASE, blood/ BONE MARROW DISEASES/ CHROMOSOME ABNORMALITIES/ ENGLISH ABSTRACT/ *ENTERITIS, REGIONAL, complications/ HUMAN/ HYPERPLASIA/ LEUKEMIA, MYELOCYTIC, diagnosis/ *LEUKOCYTOSIS, complications/ MALE/ PELVIS/ PLATELET ADHESIVENESS/ PREDNISONE, diagnostic use/ *SPONDYLITIS, ANKYLOSING, complications/ *THROMBOCYTOSIS, complications

2300. **Lapiere CM, Nusgens B, Quinaux N, et al:** Calcinose tumorale par hyperparathyroidisme secondaire (étude physique et chimique des produits calcifiés)
Arch Belg Derm Syph 24:153-63, 1968 (Fre)
ADENOMA, pathology/ *BONE NEOPLASMS, pathology/ *CALCINOSIS, etiology/ CALCINOSIS, metabolism/ ENGLISH ABSTRACT/ HUMAN/ *HYPERPARATHYROIDISM, complications/ KIDNEY FAILURE, CHRONIC, complications/ MALE/ MIDDLE AGE/ *NEOPLASMS, pathology/ PARATHYROID NEOPLASMS, pathology

2301. **Laragh JH:** Renal and adrenal factors in hypertension: diagnostic approaches.
Bull NY Acad Med 45:859-76, Sep 69
ALDOSTERONE, secretion/ ALDOSTERONE, urine/ ANGIOTENSIN, physiology/ CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ HYPERALDOSTERONISM/ HYPERTENSION, MALIGNANT, diagnosis/ *HYPERTENSION, RENAL, diagnosis/ *HYPERTENSION, RENAL, etiology/ HYPOKALEMIA/ NATRIURESIS/ RENIN, physiology

2302. **Lart J:** Ovarian ectopic pregnancy.
Proc Roy Soc Med 62:835, Aug 69
ADULT/ CASE REPORT/ FEMALE/ HUMAN/ *OVARY/ PREGNANCY/ *PREGNANCY, ECTOPIC

2303. **Lass N, Laurian L, Balas L:** Evaluation of metopiron and ACTH tests in prolonged corticosteroid treatment of chronic asthma. Int Arch Allerg 36:180-5, 1969
ADRENAL CORTEX HORMONES, urine/ ADRENAL GLANDS, physiopathology/ ADULT/ AGED/ *ASTHMA, drug therapy/ CHILD/ *CORTICOTROPIN, diagnostic use/ *CORTISONE, administration & dosage/ FEMALE/ HUMAN/ 17-KETOSTEROIDS, urine/ MALE/ *METYRAPONE, diagnostic use/ MIDDLE AGE/ *PITUITARY-ADRENAL FUNCTION TESTS/ PITUITARY GLAND, physiopathology/ *PREDNISONE, administration & dosage

2304. **Lässker G, Reich J:** Das Russell-Syndrom--eine Form des kindlichen Zwergwuchses.
Arch Kinderheilk 178:303-15, Mar 69 (Ger)
ABNORMALITIES, MULTIPLE/ ANOREXIA NERVOSA, complications/ ARM, abnormalities/ CASE REPORT/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ DWARFISM, diagnosis/ *DWARFISM, etiology/ DWARFISM, radiography/ FACE, abnormalities/ FEVER, complications/ HUMAN/ HYDROCEPHALUS, complications/ KIDNEY PELVIS, radiography/ MALE

2305. **Latarjet M, Galy P, Préault M:** Le traitement médical de la maladie bronchectasique de l'enfance et de l'adolescence. (Expérience d'un centre climatique spécialisé)
Ann Pediat (Paris) 16:348-52, 2 May 69 (Fre)
ADOLESCENCE/ BRONCHIECTASIS, radiography/ BRONCHIECTASIS, surgery/ *BRONCHIECTASIS, therapy/ BRONCHOSCOPY/ CHILD/ CLIMATE/ EXERCISE THERAPY/ FEMALE/ HOSPITALS, SPECIAL/ HUMAN/ IODIZED OILS/ LONG TERM CARE/ MALE/ PUBERTY/ RESPIRATORY TRACT INFECTIONS/ SOCIAL ADJUSTMENT/ SULFAMERAZINE, therapeutic use

2306. **Lategan LR:** Three cases of Waterhouse--Friderichsen syndrome.
Proc Mine Med Officers Ass 47:66-8, Sep-Dec 67
HUMAN/ MALE/ *WATERHOUSE-FRIDERICHSEN SYNDROME, drug therapy

2307. **Latham SC, Bordier P, Doyle FH, et al:** A case of mild hyperparathyroidism in childhood.
Arch Dis Child 44:521-6, Aug 69
ADENOMA, surgery/ BONE AND BONES, pathology/ BONE AND BONES, radiography/ CALCIUM, urine/ CHILD/ DENSITOMETRY, X-RAY/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ HYDROCORTISONE, therapeutic use/ HYPERCALCEMIA, drug therapy/ *HYPERPARATHYROIDISM, diagnosis/ HYPERPARATHYROIDISM, etiology/ PARATHYROID NEOPLASMS, surgery/ PHOSPHATES, urine

2308. **Laudisio V, Leone M, Ilari M:** L'associazione della terapia gonadostimolante con farmaci ad azione estrogena nel trattamento della sterilità endocrina.
Quad Clin Ostet Ginec 23:86-92, Feb 68 (Ita)
CERVIX MUCUS, drug effects/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ ETHINYL ESTRADIOL, therapeutic use/ FEMALE/ *FSH, therapeutic use/ HUMAN/ *LH, therapeutic use/ MENSTRUATION DISORDERS, drug therapy/ *STERILITY, FEMALE, drug therapy

2309. **Laufman H:** Deep vein thrombophlebitis. Current status of etiology and treatment.
Arch Surg (Chicago) 99:489-93, Oct 69 (30 ref.)
ANTICOAGULANTS, therapeutic use/ CONTRACEPTIVES, ORAL, adverse effects/ DRUG THERAPY, adverse effects/ EDEMA, etiology/ HUMAN/ LEG, blood supply/ PULMONARY EMBOLISM, etiology/ REVIEW/ SKIN DISEASES, etiology/ THROMBOPHLEBITIS, chemically induced/ THROMBOPHLEBITIS, complications/ THROMBOPHLEBITIS, drug therapy/ *THROMBOPHLEBITIS, etiology/ THROMBOPHLEBITIS, prevention & control/ THROMBOPHLEBITIS, surgery/ *THROMBOPHLEBITIS, therapy/ VARICOSE VEINS, etiology

2310. **Laurell CB, Kullander S, Thorell J:** Plasma protein changes induced by sequential type of contraceptive steroid pills. Clin Chim Acta 25:294-6, Aug 69
ADULT/ ANTIGENS/ BLOOD, drug effects/ *BLOOD PROTEINS, metabolism/ CONTRACEPTIVES, ORAL, administration & dosage/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ DEPRESSION, CHEMICAL/ ESTROGENS, administration & dosage/ *ESTROGENS, pharmacodynamics/ ETHINYL ESTRADIOL, pharmacodynamics/ FEMALE/ HUMAN/ IMMUNE SERUMS/ IMMUNOELECTROPHORESIS/ LIPIDS, blood/ MEGESTROL, pharmacodynamics/ MESTRANOL, pharmacodynamics/ PROGESTATIONAL HORMONES, administration & dosage/ *PROGESTATIONAL HORMONES, pharmacodynamics/ RABBITS/ STIMULATION, CHEMICAL/ TIME FACTORS

2311. **Laurentaci G, Monosi V:** Effetti di un inibitore della proteasi sullo shock emolitico da sangue incompatibile nel coniglio. Ricerche sperimental
Osped Ital Chir 17:247-73, Sep 67 (Ita
ADRENAL GLANDS, pathology/ ANIMAL EXPERIMENTS/ *BLOOD GROUP INCOMPATIBILITY/ FEMALE/ *HEMOLYSIS, drug effects/ *KALLIKREIN-TRYPSIN INACTIVATOR, pharmacodynamics/ LIVER, pathology/ LUNG, pathology/ LYMPH NODES, pathology/ MALE/ MYOCARDIUM, pathology/ *PEPTIDE HYDROLASES, antagonists &

inhibitors/ RABBITS/ RETICULOENDOTHELIAL SYSTEM, pathology/ *SHOCK, drug therapy

2312. **Laurie HC, Willoughby ML:** In-vitro prediction of clinical response to chemotherapy in childhood acute leukaemia. I. Combination of daunorubicin, vincristine and prednisolone.
Brit J Haemat 17:251-6, Sep 69
ACUTE DISEASE/ *ANTINEOPLASTIC AGENTS, therapeutic use/ BONE MARROW EXAMINATION/ CHILD/ CHILD, PRESCHOOL/ HUMAN/ IN VITRO/ *LEUKEMIA, LYMPHOBLASTIC, drug therapy/ *LEUKEMIA, MYELOBLASTIC, drug therapy/ *PREDNISOLONE, therapeutic use/ PROGNOSIS/ TISSUE CULTURE/ *VINCRISTINE, therapeutic use

2313. **Laville C, Margarit J:** Sur les effets neurologiques centraux du sulpiride.
Path Biol (Paris) 17:71-5, Jan 69 **(Fre)**
AMPHETAMINE, diagnostic use/ AMPHETAMINE, toxicity/ ANALGESIA/ ANIMAL EXPERIMENTS/ ATROPINE, pharmacodynamics/ CHLORPROMAZINE, pharmacodynamics/ COMPARATIVE STUDY/ CONVULSIONS, chemically induced/ CONVULSIONS, prevention & control/ ENGLISH ABSTRACT/ MALE/ MESCALINE, diagnostic use/ MICE/ MORPHINE, diagnostic use/ NICOTINE, diagnostic use/ *PYRROLIDINES, pharmacodynamics/ RABBITS/ RATS/ SEROTONIN, antagonists & inhibitors/ SEROTONIN, diagnostic use/ SHOCK, chemically induced/ STATISTICS/ *SULFONIC ACIDS, pharmacodynamics/ *TRANQUILIZING AGENTS, pharmacodynamics/ TREMOR, chemically induced/ TREMOR, prevention & control/ TREMORINE, diagnostic use/ TRYPTAMINES, diagnostic use

2314. **Lavis VR, Kitabchi AE, Williams RH:** Lipid peroxidation in vitro by isolated fat cells of rats. Correlation with total lipolysis, glucose utilization, and dietary tocopherol.
J Biol Chem 244:4382-6, 25 Aug 69
ADIPOSE TISSUE, cytology/ ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ ASCORBIC ACID, pharmacodynamics/ BARBITURATES/ CARBON DIOXIDE, metabolism/ CARBON ISOTOPES/ CORTICOTROPIN, pharmacodynamics/ EPIDIDYMIS/ EPINEPHRINE, pharmacodynamics/ GLUCOSE, metabolism/ GLYCERIN, metabolism/ IN VITRO/ INSULIN, pharmacodynamics/ *LIPIDS, metabolism/ MALE/ METHODS/ RATS/ STIMULATION, CHEMICAL/ VITAMIN E, pharmacodynamics/ *VITAMIN E DEFICIENCY, metabolism

2315. **Lawler SD:** Chromosomes in haematology.
Brit J Haemat 17:139-43, Aug 69
ANEUPLOIDY/ AUTOSOME ABNORMALITIES/ BONE MARROW EXAMINATION/ *CHROMOSOME ABNORMALITIES/ CHROMOSOMES, radiation effects/ *HEMATOLOGIC DISEASES, familial & genetic/ HUMAN/ KARYOTYPING/ LEUKEMIA, MYELOCYTIC, familial & genetic/ LYMPH NODES/ MACROGLOBULINEMIA, familial & genetic/ POLYCYTHEMIA VERA, familial & genetic/ SEX CHROMOSOME ABNORMALITIES/ TISSUE CULTURE

2316. **Lawzewitsch I von:** Development of the neurosecretory hypothalamic-hypophyseal system of the chick embryo as evidenced in the total preparation.
Acta Anat (Basel) 72:83-93, 1969
ANIMAL EXPERIMENTS/ CHICK EMBRYO/ HISTOCYTOCHEMISTRY/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, embryology/ NEUROSECRETION

2317. **Lazarev AF:** Poluchenie bysokoochishchennoĭ loshadinoĭ antisyvorotki k chelovecheskomy gormony posta. Biull Eksp Biol Med 67:120-3, Mar 69 **(Rus)**
AMMONIUM COMPOUNDS/ ANIMAL EXPERIMENTS/ CENTRIFUGATION/ DIALYSIS/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ GEL FILTRATION/ GLOBULINS, isolation & purification/ HORSES/ HUMAN/ *IMMUNE SERUMS, isolation & purification/ METHODS/ PEPSIN/ *SOMATOTROPIN/ SULFATES

2318. **Lazarov VP:** Etude de la répartition du 32P dans certains organes du mulot (Citellus citellus L.)
C R Soc Biol (Paris) 162:2079-81, 1968 **(Fre)**
ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ COLON, metabolism/ FEMALE/ INTESTINE, SMALL, metabolism/ *KIDNEY, metabolism/ *LIVER, metabolism/ LUNG, metabolism/ LYMPH NODES, metabolism/ MALE/ MICE/ MUSCLES, metabolism/ MYOCARDIUM, metabolism/ *PHOSPHATES, metabolism/ PHOSPHORUS, blood/ PHOSPHORUS ISOTOPES/ SPLEEN, metabolism/ STOMACH, metabolism

2319. **Leach GD, Fozard JR:** 5-HT autopotentiation and drug induced changes in the 5-HT vasomotor response in the pithed rat. Europ J Pharmacol 7:14-22, Jul 69
AMPHETAMINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLOOD PRESSURE, drug effects/ BRETYLIUM COMPOUNDS, pharmacodynamics/ CHORDOTOMY/ COCAINE, pharmacodynamics/ COMPARATIVE STUDY/ DESIPRAMINE, pharmacodynamics/ DRUG SYNERGISM/ GUANETHIDINE, pharmacodynamics/ MALE/ METHYSERGIDE, pharmacodynamics/ NOREPINEPHRINE, antagonists & inhibitors/ NOREPINEPHRINE, pharmacodynamics/ PHENIPRAZINE, pharmacodynamics/ RATS/ RESERPINE, pharmacodynamics/ SEROTONIN, administration & dosage/ SEROTONIN, antagonists & inhibitors/ *SEROTONIN, pharmacodynamics/ STIMULATION, CHEMICAL/ TIME FACTORS

2320. **Leach RM Jr, Muenster AM, Wien EM:** Studies on the role of manganese in bone formation. II. Effect upon chondroitin sulfate synthesis in chick epiphyseal cartilage. Arch Biochem 133:22-8, Aug 69
ANIMAL EXPERIMENTS/ *BONE AND BONES, metabolism/ CARBON ISOTOPES/ CARTILAGE, enzymology/ *CARTILAGE, metabolism/ CHICKENS/ *CHONDROITIN, biosynthesis/ DEFICIENCY DISEASES, metabolism/ DIET/ EPIPHYSES, metabolism/ GALACTOSE, metabolism/ GLUCURONATES, metabolism/ HEXOSAMINES, metabolism/ MAGNESIUM, pharmacodynamics/ *MANGANESE, pharmacodynamics/ METALS, pharmacodynamics/ POLYSACCHARIDES, biosynthesis/ TRANSFERASES, metabolism/ URACIL NUCLEOTIDES/ XYLOSE, metabolism

2321. **Leader DP, Barry JM:** Increase in activity of glucose 6-phosphate dehydrogenase in mouse mammary tissue cultured in insulin. Biochem J 113:175-82, Jun 69
ADIPOSE TISSUE, drug effects/ ANIMAL EXPERIMENTS/ CORTICOSTERONE, pharmacodynamics/ CYCLOHEXIMIDE, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ DNA, analysis/ FEMALE/ *GLUCOSEPHOSPHATE DEHYDROGENASE, analysis/ HYDROXYUREA, pharmacodynamics/ IN VITRO/ *INSULIN, pharmacodynamics/ *MAMMAE, drug effects/ MAMMAE, enzymology/ MICE/ PREGNANCY/ PROLACTIN, pharmacodynamics/ PUROMYCIN, pharmacodynamics/ RNA, analysis/ TISSUE CULTURE

2322. **Leatherland JF:** Studies on the structure and ultrastructure of the intact and "methallibure" -treated meso-adenohypophysis of the viviparous teleost Cymatogaster aggregata Gibbons.
Z Zellforsch 98:122-34, 1969
ANIMAL EXPERIMENTS/ *BIUREAS, pharmacodynamics/ BODY WEIGHT, drug effects/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ CYTOPLASMIC GRANULES, drug effects/ DEPRESSION, CHEMICAL/ *FISHES, anatomy & histology/

FISHES, drug effects/ GONADOTROPINS, PITUITARY, secretion/ GONADS, drug effects/ HISTOLOGICAL TECHNICS/ MALE/ MICROSCOPY, ELECTRON/ *PITUITARY GLAND, cytology/ PITUITARY GLAND, drug effects

2323. **Leatherland JF, Dodd JM:** Activity of the hypothalamo-neurohypophysial complex of the European eel (Anguilla anguilla L.) assessed by the use of an in situ staining technique and by autoradiography. Gen Comp Endocr 13:45-59, Aug 69
ADAPTATION, PHYSIOLOGICAL/ ANIMAL EXPERIMENTS/ CYSTEINE, pharmacodynamics/ *EELS, physiology/ ELECTRIC STIMULATION/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ NEUROSECRETION/ RADIOAUTOGRAPHY/ SEAWATER/ SERINE, pharmacodynamics/ SODIUM CHLORIDE/ STAINS AND STAINING/ STRESS/ SULFUR ISOTOPES

2324. **Lebeau JM:** Indications des hormones féminines en thérapeutique substitutive.
Rev Med Liege 22:227-9, 15 Apr 67 (Fre)
ADOLESCENCE/ ADULT/ CASTRATION/ *ENDOCRINE DISEASES, drug therapy/ *ESTROGENS, therapeutic use/ FEMALE/ HUMAN/ INFANTILISM, drug therapy/ MENOPAUSE/ MIDDLE AGE/ *PROGESTERONE, therapeutic use/ *PUBERTY

2325. **Leboeuf M, Cavé A, Goutarel R:** Alcaloïdes stéroïdiques. 88. Substitutions, éliminations et transpositions des tosyloxy-20 stéroïdes. 3. La transposition D-homo.
Bull Soc Chim France 5:1628-32, May 69 (Fre)
*ALKALOIDS/ *ANDROSTANES/ CHEMISTRY/ *HOMOSTEROIDS/ *PREGNANES

2326. **Leboeuf M, Cavé A, Goutarel R:** Alcaloïdes stéroïdiques. LXXXVII. Substitutions, éliminations et transpositions des tosyloxy-20 stéroïdes. 2. Eliminations.
Bull Soc Chim France 5:1624-8, May 69 (Fre)
*ALKALOIDS/ CHEMISTRY/ *PREGNANES

2327. **Leboeuf M, Cavé A, Goutarel R:** Alcaloïdes stéroïdiques. LXXXVI. Substitutions, éliminations et transpositions des tosyloxy-20 stéroïdes. I. Rôle de l'hexaméthylphosphotriamide (HMPT) dans la substitution et l'élimination.
Bull Soc Chim France 5:1619-24, May 69 (Fre)
*ALKALOIDS/ *AMIDES/ CHEMISTRY/ *PREGNANES

2328. **Leboeuf M, Cavé A, Goutarel R:** Alcaloïdes stéroïdiques. XCI (1). Substitutions et éliminations des tosyloxy-17-alpha-beta D-homo stéroïdes dans différents solvants. Synthèses stéréospécifiques d'amino-17-alpha et d'hydroxy-17-alpha D-homo stéroïdes. Bull Soc Chim France 6:2100-9, Jun 69 (Fre)
ANDROSTANES, chem synthesis/ CHEMISTRY/ *HOMOSTEROIDS, chem synthesis/ PREGNANES

2329. **Lebreuil G, Garbe L, Barbagelatta M, et al:** Thyroidite et cancer thyroidien. (A propos de 3 observations)
Arch Anat Path (Paris) 17:A32-9, Mar 69 (Fre)
*ADENOCARCINOMA, PAPILLARY, complications/ ADOLESCENCE/ ADULT/ *CARCINOMA, PAPILLARY, complications/ FEMALE/ HUMAN/ *THYROID NEOPLASMS, complications/ *THYROIDITIS, LYMPHOMATOUS, complications

2330. **LeBrie SJ, Elizondo RS:** Saline loading and aldosterone in water snakes Natrix cyclopion.
Amer J Physiol 217:426-30, Aug 69
ADRENAL GLANDS, physiology/ *ALDOSTERONE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CHLORIDES, blood/ FEMALE/ GLOMERULAR FILTRATION RATE/ KIDNEY, physiology/ MALE/ OSMOTIC PRESSURE/ POTASSIUM, blood/ *SNAKES/ SODIUM, blood/ *SODIUM CHLORIDE, pharmacodynamics/ WATER

2331. **Le Brigand H, Merlier M, Wapler C, et al:** Sur le pronostic des tumeurs du thymus et sur leur caractère paradoxal.
Mem Acad Chir (Paris) 93:441-54, 26 Apr 67 (Fre)
ADULT/ CYSTS, diagnosis/ FEMALE/ HUMAN/ LIPOMA, diagnosis/ MALE/ MIDDLE AGE/ MYASTHENIA GRAVIS, complications/ PROGNOSIS/ THYMECTOMY/ *THYMOMA, diagnosis/ THYMUS NEOPLASMS, classification/ THYMUS NEOPLASMS, complications/ *THYMUS NEOPLASMS, diagnosis/ THYMUS NEOPLASMS, radiography/ THYMUS NEOPLASMS, surgery

2332. **Leccisotti A, Meloni T:** La maturazione scheletrica nell'anemia mediterranea.
Nunt Radiol 33:Suppl:201-8, 1967 (Ita)
*AGE DETERMINATION BY SKELETON/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INFANT/ MALE/ *OSTEOPOROSIS, radiography/ *THALASSEMIA, radiography

2333. **Lecher P, Signoret J:** Données actuelles sur les chromosomes sexuels des mammifères.
Annee Biol 8:167-98, Mar-Apr 69 (Fre)
ANIMAL EXPERIMENTS/ FEMALE/ MALE/ *MAMMALS/ *SEX CHROMOSOMES

2334. **Lecomte J:** Effets cardio-vasculaires de l'administration continue de 5-hydroxytryptamine et d'histamine au rat normal.
Arch Int Pharmacodyn 177:290-7, Feb 69 (Fre)
ANIMAL EXPERIMENTS/ *BLOOD PRESSURE, drug effects/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ *HISTAMINE, pharmacodynamics/ PERFUSION/ PHENOTHIAZINES, pharmacodynamics/ RATS/ RECEPTORS, DRUG/ *SEROTONIN, pharmacodynamics/ STIMULATION, CHEMICAL/ VASOMOTOR SYSTEM, drug effects

2335. **Ledermair O, Delucca A:** Inkomplette testikuläre Feminisierung.
Gynaecologia (Basel) 168:49-54, 1969 (Ger)
ADOLESCENCE/ AGED/ BREAST, growth & development/ CLITORIS, abnormalities/ ENGLISH ABSTRACT/ FEMALE/ HAIR/ HUMAN/ KARYOTYPING/ SEX BEHAVIOR/ SEX CHARACTERISTICS/ *SEX DIFFERENTIATION DISORDERS, familial & genetic/ VAGINA, abnormalities

2336. **Ledermair O, Schurz AR:** Ein neuer Schwangerschafts-Test (modifizierter Pregnosticon-Test)
Wien Med Wschr 119:494-5, 21 Jun 69 (Ger)
ERYTHROCYTES/ FEMALE/ *GONADOTROPINS, CHORIONIC, urine/ HEMAGGLUTINATION TESTS/ HUMAN/ METHODS/ PREGNANCY/ *PREGNANCY TESTS/ SHEEP

2337. **Lednicer D, Emmert DE, Lyster SC, et al:** Mammalian antifertility agents. VI. A novel sequence for the preparation of 1,2-disubstituted 3,4-dihydronaphthalenes. J Med Chem 12:881-5, Sep 69
ACETOPHENONES/ ALKYLATION/ ANIMAL EXPERIMENTS/ CASTRATION/ CHEMISTRY/ CONTRACEPTIVE AGENTS, administration & dosage/ CONTRACEPTIVE AGENTS, analysis/ *CONTRACEPTIVE AGENTS, chem synthesis/ CONTRACEPTIVE AGENTS, pharmacodynamics/ ESTRADIOL, pharmacodynamics/ ESTROGENS, antagonists & inhibitors/ FEMALE/ NAPHTHALENES, administration & dosage/ NAPHTHALENES, analysis/ *NAPHTHALENES, chem synthesis/ NAPHTHALENES, pharmacodynamics/ ORGAN WEIGHT/ OVARY, physiology/ RATS/ UTERUS, drug effects

2338. **Lee KH, Tong TG:** Studies on the mechanism of action of salicylates. VI. Effect of topical application of retinoic acid on wound-healing retardation action of salicylic acid. J Pharm Sci 58:773-4, Jun 69
ANIMAL EXPERIMENTS/ HYDROCORTISONE, administration & dosage/ *HYDROCORTISONE, pharmacodynamics/ MALE/ PREDNISONE, administration & dosage/ *PREDNISONE,

pharmacodynamics/ RATS/ SALICYLIC ACID, administration & dosage/ SALICYLIC ACID, antagonists & inhibitors/ *SALICYLIC ACID, pharmacodynamics/ VITAMIN A, administration & dosage/ *VITAMIN A, pharmacodynamics/ *WOUND HEALING, drug effects

2339. **Lee TY**: Hormone excretion in two Chinese women during the normal menstrual cycle.
J Formosan Med Ass 68:22-34, 28 Jan 69
ADULT/ FEMALE/ *HORMONES, urine/ HUMAN/ *MENSTRUATION/ *MONGOLOID RACE

2340. **Lee YH, Thompson JH, McNew JJ**: Possible role of amygdala in regulation of gastric secretion in chronic fistula rats. Amer J Physiol 217:505-10, Aug 69
AMYGDALOID BODY, drug effects/ *AMYGDALOID BODY, physiology/ ANIMAL EXPERIMENTS/ BLOOD SUGAR/ GASTRIC ACIDITY DETERMINATION/ *GASTRIC JUICE, secretion/ HISTAMINE, pharmacodynamics/ INSULIN, pharmacodynamics/ MALE/ METHODS/ NEURAL TRANSMISSION/ PARASYMPATHOMIMETICS, pharmacodynamics/ RATS/ SODIUM CHLORIDE, pharmacodynamics/ STOMACH, innervation/ STOMACH, secretion/ SYMPATHOMIMETICS, pharmacodynamics

2341. **Lees P, Allsup FC**: Influence of oxytocin and growth hormone on the actions of aldosterone in the rat.
Arch Int Pharmacodyn 177:457-71, Feb 69
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ *ALDOSTERONE, pharmacodynamics/ ANIMAL EXPERIMENTS/ DRUG SYNERGISM/ MALE/ *OXYTOCIN, pharmacodynamics/ POTASSIUM, urine/ RATS/ SODIUM, urine/ *SOMATOTROPIN, pharmacodynamics/ WATER, urine/ WATER-ELECTROLYTE BALANCE

2342. **Leeuw R de**: De glucose homoïostase in de neonatale periode.
Maandschr Kindergeneesk 37:43-61, Aug 69 (43 ref.) (Dut)
ENGLISH ABSTRACT/ EPINEPHRINE, physiology/ FEMALE/ FETUS, metabolism/ GLUCAGON, metabolism/ GLUCONEOGENESIS/ GLUCOSE, blood/ *GLUCOSE, metabolism/ GLYCOGEN, metabolism/ GLYCOGENOSIS, metabolism/ HUMAN/ HYDROCORTISONE, physiology/ *INFANT, NEWBORN/ INSULIN, antagonists & inhibitors/ LIVER, enzymology/ MATERNAL-FETAL EXCHANGE/ PREGNANCY/ REVIEW/ SOMATOTROPIN, physiology

2343. **Leeuwen WS van**: Electrical activities of the brain and behaviour.
Acta Physiol Pharmacol Neerl 15:179-87, Jun 69
AMYGDALOID BODY, physiology/ ANIMAL EXPERIMENTS/ *BEHAVIOR, ANIMAL/ *BRAIN, physiology/ DOGS/ ELECTROENCEPHALOGRAPHY/ ELECTROPHYSIOLOGY/ GENICULATE BODIES, physiology/ HIPPOCAMPUS, physiology/ LIMBIC SYSTEM, physiology/ RETICULAR FORMATION, physiology/ VISUAL CORTEX, physiology

2344. **Le Gall JY**: Formes de transport des vitamines liposolubles.
Ann Nutr (Paris) 23:A27-38, 1969 (52 ref.) (Fre)
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ HUMAN/ INTESTINAL ABSORPTION/ LIPIDS/ LIPOPROTEINS, metabolism/ LYMPHATIC SYSTEM, metabolism/ REVIEW/ SOLUBILITY/ VITAMIN A, blood/ *VITAMIN A, metabolism/ VITAMIN D, blood/ *VITAMIN D, metabolism

2345. **Legerlotz C**: Untersuchungen über Tubensekretion und Eitransport im Tierversuch mit radioaktiven Sulfat-Ionen. Arch Gynaek 207:169-72, 1969 (Ger)
ANIMAL EXPERIMENTS/ CASTRATION/ ESTRADIOL, pharmacodynamics/ *ESTROGENS, pharmacodynamics/ FALLOPIAN TUBES, drug effects/ FALLOPIAN TUBES, physiology/ *FALLOPIAN TUBES, secretion/ FEMALE/ METHODS/ *NIDATION, drug effects/ PREGNANCY/ *PROGESTERONE, pharmacodynamics/ RABBITS/ SECRETORY RATE, drug effects/ SULFUR ISOTOPES/ TIME FACTORS

2346. **Legrand J**: Influence d'un régime carencé sur l'activité enzymatique du système nerveux central.
J Physiol (Paris) 60:Suppl 2:485, 1968 (Fre)
ACETYLCHOLINESTERASE, metabolism/ AMYGDALOID BODY, enzymology/ ANIMAL EXPERIMENTS/ CAUDATE NUCLEUS, enzymology/ *CEREBRAL CORTEX, enzymology/ CHOLINE, pharmacodynamics/ CHOLINESTERASE, metabolism/ *DIET/ ESTRONE, pharmacodynamics/ FEMALE/ GLUTAMATE DEHYDROGENASE, metabolism/ HISTOCYTOCHEMISTRY/ MICROSOMES, enzymology/ MITOCHONDRIA, enzymology/ OVARY, physiology/ OVARY, surgery/ OXYGEN CONSUMPTION/ RATS/ SPECTROPHOTOMETRY/ SUCCINATE DEHYDROGENASE, metabolism

2347. **Legrand JC, Aupetit B, Zogbi F, et al**: Synthèse in vitro de 18 hydroxy-corticostérone et d'aldostérone par trois adénomes de la zone glomérulée surrénalienne (syndrome de Conn), I. Rendements de conversion.
Bull Soc Chim Biol (Paris) 51:307-20, 26 Jun 69 (Fre)
ADENOMA, metabolism/ ADRENAL GLAND NEOPLASMS, metabolism/ *ALDOSTERONE, biosynthesis/ CARBON ISOTOPES/ CHROMATOGRAPHY, PAPER/ CORTICOSTERONE, metabolism/ DESOXYCORTICOSTERONE, metabolism/ ENGLISH ABSTRACT/ FUMARATES, metabolism/ GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ HEXOSEPHOSPHATES/ HUMAN/ *HYPERALDOSTERONISM, metabolism/ KREBS CYCLE/ MITOCHONDRIA, metabolism/ NADP, metabolism/ *PREGNANES, biosynthesis/ STEROLS, biosynthesis/ TRITIUM

2348. **Lehmann F**: Ein neues Topical in der dermatologischen Fachpraxis. Hippokrates 39:425-9, 15 Jun 68 (Ger)
HUMAN/ *PARAMETHASONE, administration & dosage/ *SKIN DISEASES, drug therapy/ VEHICLES

2349. **Lehmann WD, Breuer H**: Wirkung des Funktionszuandes der Schilddrüse auf den Stoffwechsel der Ostrogene in der Mikrosomen-Fraktion der Rattenleber.
Acta Endocr (Kobenhavn) 61:461-76, Jul 69 (Ger)
CARBON ISOTOPES/ *ESTRONE, metabolism/ *HYPERTHYROIDISM, metabolism/ *HYPOTHYROIDISM, metabolism/ *LIVER, metabolism/ *MICROSOMES, metabolism/ THYROID GLAND, physiology/ THYROID GLAND, physiopathology

2350. **Lehrnbecher W, Lucas GJ**: Disorders of brain and connective tissue in a patient with 47,XYY karyotype.
Lancet 2:796-7, 11 Oct 69
CASE REPORT/ *CHROMOSOME ABERRATIONS/ *COLLAGEN DISEASES, familial & genetic/ HUMAN/ KARYOTYPING/ MALE/ *MENTAL DISORDERS, familial & genetic/ MENTAL RETARDATION, familial & genetic/ MIDDLE AGE/ NEUROLOGIC MANIFESTATIONS/ *SEX CHROMOSOMES

2351. **Leiba S, Landau B, Ber A**: Target gland insufficiency and pultuary tumours.
Acta Endocr (Kobenhavn) 60:112-20, Jan 69
ADULT/ ESTROGENS, blood/ FEMALE/ GONADOTROPINS, PITUITARY, secretion/ HUMAN/ *HYPOGONADISM, complications/ *HYPOTHYROIDISM, complications/ MIDDLE AGE/ MYXEDEMA, etiology/ *PITUITARY NEOPLASMS, etiology/ PITUITARY NEOPLASMS, physiopathology/ *THYROIDITIS, complications/ THYROTROPIN, secretion

2352. **Leibman KC, Hildebrandt AG, Estabrook RW:** Spectrophotometric studies of interactions between various substrates in their binding to microsomal cytochrome P-450.
Biochem Biophys Res Commun 36:789-94, 22 Aug 69
ANILINE COMPOUNDS/ ANIMAL EXPERIMENTS/ *CYTOCHROMES/ HEXOBARBITAL/ KINETICS/ *LIVER, metabolism/ METYRAPONE/ RATS/ SOLVENTS/ SPECTROPHOTOMETRY

2353. **Leinzinger E, Moosburger K:** 1003 Uterusexstirpationen bei gynäkologischen Indikationen in der Landesfrauenklinik Linz.
Wien Med Wschr 119:495-9, 21 Jun 69 (Ger)
ADULT/ AGED/ AUSTRIA/ CERVIX NEOPLASMS, surgery/ CHORIOCARCINOMA, surgery/ ENDOMETRIOSIS, surgery/ FEMALE/ HUMAN/ *HYSTERECTOMY/ HYSTERECTOMY, mortality/ MIDDLE AGE/ MYOMA, surgery/ MYOSARCOMA, surgery/ POSTOPERATIVE COMPLICATIONS/ UTERINE HEMORRHAGE, surgery/ UTERINE NEOPLASMS, surgery/ UTERINE PROLAPSE, surgery/ UTERINE RUPTURE, surgery/ VAGINA

2354. **Lejeune J, Abonyi D, Berger R, et al:** Trisomie 18 et syndrome 47,XXX dans la même fratrie.
Ann Genet (Paris) 12:59-61, Mar 69 (Fre)
*AUTOSOME ABNORMALITIES, familial & genetic/ CHILD, PRESCHOOL/ *CHROMOSOMES, HUMAN, 16-18/ DERMATOGLYPHICS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT, NEWBORN/ *SEX CHROMOSOME ABNORMALITIES, familial & genetic/ *TRISOMY

2355. **Lejeune J, Dutrillaux B, Rethoré MO, et al:** Sur trois cas de trisomie C.
Ann Genet (Paris) 12:28-35, Mar 69 (Fre)
ABNORMALITIES, MULTIPLE, familial & genetic/ ADULT/ *AUTOSOME ABNORMALITIES/ BONE AND BONES, abnormalities/ CHILD, PRESCHOOL/ *CHROMOSOMES, HUMAN, 6-12/ DERMATOGLYPHICS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ JOINTS, abnormalities/ KARYOTYPING/ MALE/ *TRISOMY

2356. **Lemarchand-Béraud T, Vannotti A:** Relationships between blood thyrotrophin level, protein bound iodine and free thyroxine concentration in man under normal physiological conditions.
Acta Endocr (Kobenhavn) 60:315-26, Feb 69
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ CHILD/ CHILD, PRESCHOOL/ CIRCADIAN RHYTHM/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ *IODINE, blood/ MALE/ MENSTRUATION/ MIDDLE AGE/ PREGNANCY/ RADIOIMMUNOASSAY/ THYROID HORMONES, blood/ THYROID HORMONES, physiology/ *THYROTROPIN, blood/ THYROTROPIN, physiology/ THYROTROPIN, secretion/ THYROTROPIN RELEASING FACTOR, physiology/ *THYROXINE, blood/ THYROXINE, physiology

2357. **Lemberg VK, Levdik TI:** K patologicheskoĭ anatomii porazheniia Np 237. Arkh Pat 30:36-41, 1968 (Rus)
ACUTE DISEASE/ ANIMAL EXPERIMENTS/ *BONE AND BONES, radiation effects/ *BONE MARROW, radiation effects/ CHRONIC DISEASE/ FEMALE/ INJECTIONS, INTRAVENOUS/ KIDNEY, enzymology/ *KIDNEY, radiation effects/ LIVER, enzymology/ LIVER, metabolism/ *LIVER, radiation effects/ LIVER CIRRHOSIS, POSTNECROTIC, etiology/ MALE/ METHODS/ NEPHROSCLEROSIS, etiology/ NEPHROSIS, etiology/ NEPTUNIUM, administration & dosage/ NEPTUNIUM, metabolism/ *NEPTUNIUM, toxicity/ OSTEOGENESIS, radiation effects/ *RADIATION EFFECTS/ RADIATION INJURY, EXPERIMENTAL/ RADIOAUTOGRAPHY/ RATS/ TIME FACTORS

2358. **Lennard-Jones JE, Morson BC:** Changing concepts in Crohn's disease. DM 1-37, Aug 69 (52 ref.)
ANTIBIOTICS, therapeutic use/ CODEINE, therapeutic use/ COLITIS, ULCERATIVE, diagnosis/ CORTICOTROPIN, therapeutic use/ DIAGNOSIS, DIFFERENTIAL/ *ENTERITIS, REGIONAL/ ENTERITIS, REGIONAL, drug therapy/ ENTERITIS, REGIONAL, etiology/ ENTERITIS, REGIONAL, occurrence/ ENTERITIS, REGIONAL, pathology/ ENTERITIS, REGIONAL, surgery/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ HYPERSENSITIVITY, DELAYED/ MODELS, BIOLOGIC/ NOMENCLATURE/ REVIEW

2359. **Lenzi F, Gerola A:** La relazione flusso-pressioni sanguigne nel circolo polmonare durante stimolazione ipotalamica nel gatto curarizzato.
Boll Soc Ital Biol Sper 44:1346-9, 31 Aug 68 (Ita)
ANIMAL EXPERIMENTS/ *BLOOD FLOW VELOCITY/ *BLOOD PRESSURE/ CATS/ CURARE, pharmacodynamics/ ELECTRIC STIMULATION/ *HYPOTHALAMUS, physiology/ *PULMONARY CIRCULATION

2360. **Lenzi F, Guideri R:** Dietetica e terapia dell'osteoporosi senile. Clin Ter 43:221-31, 15 Nov 67 (Ita)
AGE FACTORS/ AGED/ ANDROGENS, adverse effects/ *ANDROGENS, therapeutic use/ *CALCIUM, DIETARY/ *DIET THERAPY/ ESTROGENS, adverse effects/ *ESTROGENS, therapeutic use/ FEMALE/ HUMAN/ MALE/ OSTEOPOROSIS, diagnosis/ *OSTEOPOROSIS, therapy

2361. **Leo-Miza I:** Unele consideraţii cu privire la tratamentul cu cortizon şi ACTH al eczemei sugarului şi al eczemei din prima copilărie.
Rev Medicochir Iasi 73:333-5, Apr-Jun 69 (Rum)
CHILD, PRESCHOOL/ *CORTICOTROPIN, therapeutic use/ *CORTISONE, therapeutic use/ *ECZEMA, drug therapy/ ENGLISH ABSTRACT/ HUMAN/ INFANT

2362. **Leonard CM:** The prefrontal cortex of the rat. I. Cortical projection of the mediodorsal nucleus. II. Efferent connections. Brain Res 12:321-43, Feb 69
ANIMAL EXPERIMENTS/ BRAIN, anatomy & histology/ *BRAIN MAPPING/ CORPORA QUADRIGEMINA, anatomy & histology/ FEMALE/ *FRONTAL LOBE, anatomy & histology/ FRONTAL LOBE, surgery/ HYPOTHALAMUS, anatomy & histology/ LIMBIC SYSTEM, anatomy & histology/ MALE/ MESENCEPHALON, anatomy & histology/ MONKEYS/ NERVE DEGENERATION/ NEURAL INTERCONNECTIONS, cytology/ *NEURONS, cytology/ NEURONS, EFFERENT, cytology/ RATS/ SILVER, diagnostic use/ SPECIES SPECIFICITY/ STAINS AND STAINING/ *THALAMUS, anatomy & histology/ THALAMUS, surgery

2363. **Leonard EM:** The transmural potentials in the functional oviduct of the hen.
J Physiol (London) 203:83P-84P, Jul 69
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, ACTIVE/ CALCIFICATION, PHYSIOLOGIC/ CALCIUM CARBONATE, metabolism/ *CHICKENS, physiology/ EGG WHITE/ EGG YOLK/ *MEMBRANE POTENTIALS/ *OVIDUCTS, physiology/ OVIDUCTS, secretion

2364. **Léonardelli J:** Action de l'injection de m-tyrosine sur les monoamines infundibulo-tubériennes du cobaye femelle et du cobaye mâle traité par la testostérone.
C R Soc Biol (Paris) 162:1956-9, May 69 (Fre)
ANIMAL EXPERIMENTS/ CASTRATION/ *CATECHOLAMINES, secretion/ ESTRUS/ FEMALE/ FSH, secretion/ GUINEA PIGS/ *HYPOTHALAMUS, metabolism/ LH, secretion/ MALE/ *METHYLTYROSINES, pharmacodynamics/ MICROSCOPY, FLUORESCENCE/ OVULATION, drug effects/ PROLACTIN, antagonists & inhibitors/ PROLACTIN, secretion/ *TESTOSTERONE, pharmacodynamics

2365. Léonardelli J: Modifications des fibres et cellules monoaminergiques de la région infundibulo-tubérienne du cobaye au cours du cycle oestral. C R Soc Biol (Paris) 162:1937-40, May 69 (Fre)
ANIMAL EXPERIMENTS/ CATECHOLAMINES, metabolism/ *ESTRUS/ FEMALE/ GUINEA PIGS/ HISTOCYTOCHEMISTRY/ HYPOTHALAMUS, innervation/ *HYPOTHALAMUS, physiology/ MICROSCOPY, FLUORESCENCE/ PERIODICITY

2366. Lerman P: Hypsarrhythmia.
Electroenceph Clin Neurophysiol 27:216, Aug 69
BRAIN DAMAGE, CHRONIC, physiopathology/ CHILD, PRESCHOOL/ CORTICOTROPIN, therapeutic use/ *ELECTROENCEPHALOGRAPHY/ FOLLOW-UP STUDIES/ HUMAN/ HYPSARRHYTHMIA, drug therapy/ *HYPSARRHYTHMIA, physiopathology/ INFANT/ INFANT, NEWBORN/ SLEEP/ WAKEFULNESS

2367. Leroy F, Manavian D: Etude histophotométrique de l'endomètre. 3. Evolution de l'intensité de la réaction de Feulgen dans les noyaux du stroma après une injection unique de stéroides sexuels.
Rev Franc Etud Clin Biol 14:59-66, Jan 69 (Fre)
ANIMAL EXPERIMENTS/ CASTRATION/ CELL DIVISION, drug effects/ *CELL NUCLEUS, drug effects/ *DNA, analysis/ DNA, biosynthesis/ DRUG SYNERGISM/ *ENDOMETRIUM, drug effects/ *ESTRADIOL, pharmacodynamics/ FEMALE/ GENETICS, BIOCHEMICAL/ HISTOLOGICAL TECHNICS/ NUCLEOPROTEINS, analysis/ PHOTOMETRY/ *PROGESTERONE, pharmacodynamics/ RATS/ STAINS AND STAINING/ TIME FACTORS

2368. Leroy J, Robert M, Delaunay P, et al: A propos de la myasthénie grave et de son traitement.
Sem Hop Paris 45:1691-3, 20 May 69 (Fre)
AMBENONIUM CHLORIDE, therapeutic use/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ *MYASTHENIA GRAVIS/ MYASTHENIA GRAVIS, therapy/ NEOSTIGMINE, therapeutic use/ PYRIDOSTIGMINE BROMIDE, therapeutic use/ RESPIRATION, ARTIFICIAL/ RESPIRATORY INSUFFICIENCY, etiology/ RESPIRATORY INSUFFICIENCY, therapy/ THYMECTOMY/ THYMOMA, diagnosis/ THYMUS GLAND/ THYMUS NEOPLASMS, diagnosis/ TRACHEOTOMY

2369. Lesakova AS, Shirokinsaia ON: Sravnitel'naia otsenka kol'potsito-gormonal'nykh i kliniko-gistologicheskikh dannykh u bol'nykh miomoĭ matki.
Akush Ginek (Moskva) 43:41-6, Apr 67 (Rus)
ADRENAL GLAND HYPERFUNCTION, complications/ ADRENAL GLANDS, physiopathology/ ADRENAL GLANDS, secretion/ ADULT/ *ESTROGENS, secretion/ FEMALE/ HORMONES, ECTOPIC, secretion/ HUMAN/ *LEIOMYOMA, metabolism/ *MENSTRUATION/ MIDDLE AGE/ OVARY, physiopathology/ OVARY, secretion/ *PREGNANEDIOL, secretion/ UTERINE NEOPLASMS, complications/ UTERINE NEOPLASMS, etiology/ *UTERINE NEOPLASMS, metabolism/ UTERINE NEOPLASMS, physiopathology/ VAGINAL SMEARS

2370. Leshsh E: O laboratornoĭ diagnostike giperparatireozov.
Probl Endokr (Moskva) 14:27-31, Nov-Dec 68 (Rus)
CALCIUM, blood/ CALCIUM, urine/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERPARATHYROIDISM, diagnosis/ MAGNESIUM, blood/ MALE/ PHOSPHATES, blood/ PHOSPHATES, urine

2371. Lessin AW, Kramer RL: The bronchodilator action of analeptics in the guinea-pig.
J Pharm Pharmacol 21:309-13, May 69
ADRENALECTOMY/ *ANALEPTICS, pharmacodynamics/ ANIMAL EXPERIMENTS/ BEMEGRIDE, pharmacodynamics/ *BRONCHI, drug effects/ CATECHOLAMINES, secretion/ DILATATION/ GUINEA PIGS/ METHACHOLINE COMPOUNDS, antagonists & inhibitors/ NIKETHAMIDE, pharmacodynamics/ PENTYLENETETRAZOLE, pharmacodynamics/ PICROTOXIN, pharmacodynamics/ PROPRANOLOL

2372. Lester D: Suicidal behavior in men and women.
Ment Hyg 53:340-5, Jul 69
AGGRESSION/ BEHAVIOR/ ENDOCRINE GLANDS, physiology/ FEMALE/ HUMAN/ MALE/ *SEX FACTORS/ *SUICIDE/ SUICIDE, occurrence/ UNITED STATES

2373. Leusden HA van: Continuous oral adminisation of megestrolacetate to women.
J Reprod Fertil 19:537-9, Aug 69
CERVIX MUCUS/ COITUS/ ENDOMETRIUM, drug effects/ EPITHELIUM, drug effects/ FEMALE/ HUMAN/ MEGESTROL, administration & dosage/ MENSTRUATION, drug effects/ OVULATION, drug effects/ *PREGNANES, administration & dosage/ *PROGESTATIONAL HORMONES, administration & dosage/ *STERILITY, FEMALE/ VAGINA, drug effects

2374. Lev NA, Zil'berman ZI, Iurchakevich LP, et al: Leptotrikhoznyĭ sepsis.
Vrach Delo 6:145-7, Jun 69 (Rus)
*ANTIBIOTICS, therapeutic use/ CASE REPORT/ *CHLAMYDIA INFECTIONS, etiology/ HUMAN/ *LEPTOTHRIX/ MALE/ MIDDLE AGE/ PREDNISOLONE, therapeutic use/ REITER'S DISEASE, drug therapy/ *SEPTICEMIA, microbiology

2375. Lévai G, Móricz F, Szerze P, et al: The effect of thyrotropic hormone treatment on the epiphyseal cartilage of the white rat.
Acta Morph Acad Sci Hung 17:7-15, 1969
ANIMAL EXPERIMENTS/ BODY WEIGHT/ *CARTILAGE, drug effects/ CARTILAGE, growth & development/ EPIPHYSES/ GROWTH, drug effects/ INJECTIONS, SUBCUTANEOUS/ IODINE ISOTOPES/ OSSIFICATION, PHYSIOLOGIC/ RATS/ *THYROTROPIN, pharmacodynamics/ TIBIA

2376. Lévêque B, Jean R, Benoit, et al: Evolution, pronostic éloigné et retentissement social de la maladie asthmatique de l'enfant.
Ann Pediat (Paris) 16:334-42, 2 May 69 (Fre)
ADRENAL CORTEX HORMONES, therapeutic use/ AGE FACTORS/ *ASTHMA/ ASTHMA, diagnosis/ ASTHMA, mortality/ BALNEOLOGY/ BREATHING EXERCISES/ BRONCHITIS, complications/ CHILD, PRESCHOOL/ DESENSITIZATION/ DYSPNEA, complications/ ECZEMA, complications/ EDUCATION/ FOLLOW-UP STUDIES/ HUMAN/ MASS SCREENING/ OCCUPATIONS/ PROGNOSIS/ QUESTIONNAIRE/ SPIROMETRY/ VOCATIONAL EDUCATION/ VOCATIONAL GUIDANCE

2377. Levi H, Lindemann J, Fenger K: Strontium-90 in human bone. (Denmark 1964-1967).
Health Phys 17:354-6, Aug 69
*BONE AND BONES, analysis/ CHILD/ CHILD, PRESCHOOL/ DENMARK/ HUMAN/ INFANT/ *INFANT, NEWBORN/ *STRONTIUM ISOTOPES, analysis

2378. Levin FB, Brzheskiĭ VV: O roli nadpochechnikov v mekhanizme aktivatsii triptofanpirro lazy v pecheni krys pri nespetsificheskikh vozdeĭstviiakh.
Probl Endokr (Moskva) 13:70-2, May-Jun 67 (Rus)
*ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ ANTIBIOTICS, ANTINEOPLASTIC, pharmacodynamics/ ENGLISH ABSTRACT/ LIVER, drug effects/ *LIVER, enzymology/ RNA, pharmacodynamics/ SODIUM CHLORIDE/ *TRYPTOPHAN OXYGENASE, metabolism

2379. Levina LA, Ozeretskovskiĭ NA: Otsenka paratifoznykh v vaktsin s izvestnoĭ reaktogennost'iu s pomoshch'iu laboratornykh testov.
Zh Mikrobiol 46:47-52, May 69 (Rus)
ADRENAL CORTEX HORMONES, blood/ ANIMAL EXPERIMENTS/ ENGLISH

ABSTRACT/ GUINEA PIGS/ HEART/ INJECTIONS/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, SUBCUTANEOUS/ MICE/ PARATYPHOID FEVERS/ *STRESS, chemically induced/ TYPHOID-PARATYPHOID VACCINES, administration & dosage/ *TYPHOID-PARATYPHOID VACCINES, standards/ TYPHOID-PARATYPHOID VACCINES, toxicity

2380. **Levina SE:** Sekretsiia liuteiniziruiushchego gonadotropina i ee reguliatsiia v rannem ontogeneze cheloveka.
Probl Endokr (Moskva) 14:56-60, Nov-Dec 68 (Rus)
ENGLISH ABSTRACT/ FEMALE/ FETUS/ GESTATIONAL AGE/ HUMAN/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, embryology/ HYPOTHALAMUS, embryology/ LH, analysis/ *LH, secretion/ MALE/ PITUITARY GLAND, analysis/ PITUITARY GLAND, embryology/ *PITUITARY GLAND, secretion

2381. **Levine JA:** Heat stroke in the aged.
Amer J Med 47:251-8, Aug 69
AGED/ ANTIBIOTICS, therapeutic use/ CHLORPROMAZINE, therapeutic use/ CORTICOTROPIN, therapeutic use/ DEHYDRATION, complications/ DEXTRAN, pharmacodynamics/ GLUCOCORTICOIDS, therapeutic use/ *HEAT EXHAUSTION/ HEAT EXHAUSTION, diagnosis/ HEAT EXHAUSTION, therapy/ ISOPROTERENOL, therapeutic use/ KIDNEY FAILURE, ACUTE, complications/ PNEUMONIA, complications

2382. **Levine RA, Lewis SE, Shulman J, et al:** Metabolism of cyclic adenosine 3',5'-monophosphate-8-14C by isolated, perfused rat liver.
J Biol Chem 244:4017-22, 10 Aug 69
*ADENINE NUCLEOTIDES, metabolism/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, blood/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ BILE, analysis/ BIOLOGICAL TRANSPORT/ BLOOD/ CARBON DIOXIDE, metabolism/ CARBON ISOTOPES/ CELL MEMBRANE PERMEABILITY/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ ELECTROPHORESIS/ FASTING/ IN VITRO/ *LIVER, metabolism/ MALE/ PAPER/ PERFUSION/ RADIOAUTOGRAPHY/ RATS/ SPECTROPHOTOMETRY/ TIME FACTORS

2383. **Levine S:** Factors in the maturation of the adrenal.
Rass Neurol Veg 21:29-40, 30 Apr 67
*ADRENAL GLANDS, growth & development/ *ADRENAL GLANDS, physiology/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ *CORTICOSTERONE, secretion/ *CORTICOTROPIN, pharmacodynamics/ RATS/ *STRESS

2384. **Levinson JM:** The birth control pill and its ophthalmologic side effects.
Delaware Med J 41:118-20, Apr 69
*CONTRACEPTIVES, ORAL, adverse effects/ *EYE DISEASES, chemically induced/ FEMALE/ HUMAN/ PREGNANCY

2385. **Levit SA, Sheps SG, Espinosa RE, et al:** Catecholamine-secreting paraganglioma of glomus-jugulare region resembling pheochromocytoma.
New Eng J Med 281:805-11, 9 Oct 69
*ADRENAL GLAND NEOPLASMS, diagnosis/ ADULT/ CAROTID ARTERIES, radiography/ *CATECHOLAMINES, secretion/ CATECHOLAMINES, urine/ DIAGNOSIS, DIFFERENTIAL/ HEADACHE, etiology/ *HORMONES, ECTOPIC, secretion/ HUMAN/ MALE/ NOREPINEPHRINE, secretion/ PARAGANGLIOMA, NONCHROMAFFIN, diagnosis/ PARAGANGLIOMA, NONCHROMAFFIN, metabolism/ PARAGANGLIOMA, NONCHROMAFFIN, pathology/ PARAGANGLIOMA, NONCHROMAFFIN, radiography/ PARAGANGLIOMA, NONCHROMAFFIN, surgery/ PHENOXYBENZAMINE, therapeutic use/ PHEOCHROMOCYTOMA, diagnosis

2386. **Levitan IB, Webb TE:** Regulation of tyrosine transaminase in the isolated perfused rat liver.
J Biol Chem 244:4684-8, 10 Sep 69
ANIMAL EXPERIMENTS/ *AZAGUANINE, pharmacodynamics/ CENTRIFUGATION, DENSITY GRADIENT/ *CYCLOHEXIMIDE, pharmacodynamics/ DEPRESSION, CHEMICAL/ ENZYME INDUCTION/ *HYDROCORTISONE, pharmacodynamics/ IN VITRO/ LIVER, drug effects/ *LIVER, enzymology/ LIVER, metabolism/ MALE/ PERFUSION/ PROTEINS, biosynthesis/ RATS/ RIBOSOMES, drug effects/ STIMULATION, CHEMICAL/ TIME FACTORS/ *TYROSINE AMINOTRANSFERASE, biosynthesis

2387. **Leviton A, Camenga D:** Migraine associated with hyper-pre-beta lipoproteinemia.
Neurology (Minneap) 19:963-6, Oct 69
ADOLESCENCE/ ADULT/ ANDROSTERONE, therapeutic use/ ANTICHOLESTEREMIC AGENTS, therapeutic use/ BLOOD CIRCULATION/ *BLOOD PROTEIN DISORDERS, complications/ BLOOD PROTEIN DISORDERS, familial & genetic/ BLOOD PROTEIN ELECTROPHORESIS/ BLOOD VISCOSITY/ BUTYRATES, therapeutic use/ CEREBROVASCULAR CIRCULATION/ ERYTHROCYTE AGGREGATION, INTRAVASCULAR/ HUMAN/ *LIPOPROTEINS, blood/ MALE/ *MIGRAINE, etiology

2388. **Levorato C:** Identificazione e determinazione quantitativa di corticosteroidi in preparazioni dermatologiche.
Farmaco [Prat] 24:227-33, Apr 69 (Ita)
ADRENAL CORTEX HORMONES, administration & dosage/ *ADRENAL CORTEX HORMONES, analysis/ *ADRENAL CORTEX HORMONES, isolation & purification/ CHROMATOGRAPHY, THIN LAYER/ *DERMATOLOGIC AGENTS, analysis/ ENGLISH ABSTRACT/ HUMAN/ OINTMENTS/ SPECTROPHOTOMETRY

2389. **Lewis A, Hoghughi M:** An evaluation of depression as a side effect of oral contraceptives.
Brit J Psychiat 115:697-701, Jun 69
CONTRACEPTIVES, ORAL, administration & dosage/ *CONTRACEPTIVES, ORAL, adverse effects/ *DEPRESSION, chemically induced/ FEMALE/ HUMAN/ LIBIDO, drug effects/ *PROGESTATIONAL HORMONES, adverse effects/ PSYCHIATRIC STATUS RATING SCALES/ STATISTICS

2390. **Lewis AC, Davison BC:** Familial ovarian cancer.
Lancet 2:235-7, 2 Aug 69
ADULT/ CASTRATION/ *CYSTADENOMA, PAPILLARY, familial & genetic/ CYSTADENOMA, PAPILLARY, prevention & control/ CYSTADENOMA, PAPILLARY, surgery/ FEMALE/ HUMAN/ HYSTERECTOMY/ *OVARIAN NEOPLASMS, familial & genetic/ OVARIAN NEOPLASMS, prevention & control/ OVARIAN NEOPLASMS, surgery/ PEDIGREE

2391. **Lewis PR, Shute CC:** An electron-microscopic study of cholinesterase distribution in the rat adrenal medulla.
J Micr 89:181-93, 1969
*ADRENAL MEDULLA, enzymology/ ANIMAL EXPERIMENTS/ *CHOLINESTERASE, analysis/ CHROMAFFIN SYSTEM, enzymology/ HISTOLOGICAL TECHNICS/ MICROSCOPY, ELECTRON/ NERVE ENDINGS, enzymology/ NERVE FIBERS, enzymology/ NEURONS, enzymology/ RATS/ SCHWANN CELLS, enzymology

2392. **Lewis UJ, Litteria M, Cheever EV:** Colorimetric quantification of the growth hormone and prolactin components of disc electrophoretic patterns.
Endocrinology 85:690-7, Oct 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CATTLE/ *COLORIMETRY/ CROP, AVIAN, drug effects/ *ELECTROPHORESIS/

ELECTROPHORESIS, DISK/ FEMALE/ MALE/ METHODS/ MICE/ PIGEONS/ PITUITARY GLAND, analysis/ *PROLACTIN, analysis/ PROLACTIN, standards/ RATS/ SHEEP/ *SOMATOTROPIN, analysis/ SOMATOTROPIN, standards

2393. **L'Hortet GC de, Bercovici JP:** Le diabète sucré. Conceptions actuelles et implications thérapeutiques. Presse Med 76:2389-92, 21 Dec 68 (Fre)
ADOLESCENCE/ ADULT/ ANTIDIABETICS, therapeutic use/ BIRTH WEIGHT/ CHILD/ CORTISONE, administration & dosage/ CORTISONE, diagnostic use/ *DIABETES MELLITUS/ DIABETIC ANGIOPATHIES, diagnosis/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ GLUCOSE TOLERANCE TEST/ HUMAN/ HYPERINSULINISM, diagnosis/ INSULIN, blood/ MALE/ MIDDLE AGE/ NEURAMINIC ACIDS/ *PREDIABETIC STATE, diagnosis/ PREDIABETIC STATE, drug therapy/ PREDIABETIC STATE, familial & genetic/ PREGNANCY/ RADIOIMMUNOASSAY/ STATISTICS/ TOLBUTAMIDE, therapeutic use/ TRIGLYCERIDES, blood

2394. **Li CH, Dixon JS, Liu WK:** Human pituitary growth hormone. XIX. The primary structure of the hormone. Arch Biochem 133:70-91, Aug 69
AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ BROMINE/ CHROMATOGRAPHY, ION EXCHANGE/ CHYMOTRYPSIN/ CYANIDES/ CYSTINE, analysis/ GEL FILTRATION/ HUMAN/ MOLECULAR WEIGHT/ PEPTIDES, analysis/ *SOMATOTROPIN, analysis/ SPECTROPHOTOMETRY/ TRYPSIN/ TRYPTOPHAN, analysis

2395. **Liakhovich VM:** Lechenie trofícheskikh iazv nizhnikh konechnosteĭ prednizolonom i vitaminom A. Klin Khir (Kiev) 7:66, Jul 67 (Rus)
DISABILITY EVALUATION/ HUMAN/ INDUSTRIAL MEDICINE/ *LEG ULCER, drug therapy/ *PREDNISOLONE, therapeutic use/ *VITAMIN A, therapeutic use

2396. **Liapustina TA:** Deĭstvie ékstrakta éleuterokokka na polovuiu funktsiiu bykov. Veterinariia 44:83-5, Dec 67 (Rus)
ANIMAL EXPERIMENTS/ CATTLE/ *CATTLE, physiology/ MALE/ *SPERMATOZOA/ TESTIS, drug effects/ TIME FACTORS/ VETERINARY MEDICINE

2397. **Liass FM:** Razrushenie gipofiza metodom vnutritkanevoĭ luchevoĭ terapii (obzor literatury) Vop Neirokhir 33:52-6, Mar-Apr 69 (37 ref.) (Rus)
CUSHING'S SYNDROME, radiography/ EXOPHTHALMOS, radiotherapy/ PHOSPHORUS ISOTOPES, therapeutic use/ PITUITARY DISEASES, radiotherapy/ *PITUITARY GLAND IRRADIATION/ PITUITARY NEOPLASMS, radiotherapy/ RADIOISOTOPES, therapeutic use/ RADON, therapeutic use/ REVIEW/ YTTRIUM ISOTOPES, therapeutic use

2398. **Libánský J, Chudomel V, Hrák J, et al:** Akute Leukose bei Erwachsenen, Therapie und Prognose. Folia Haemat (Leipzig) 91:203-16, 1969 (Ger)
ACUTE DISEASE/ ADOLESCENCE/ ADULT/ AGED/ CYCLOPHOSPHAMIDE, therapeutic use/ CYTARABINE, therapeutic use/ DRUG RESISTANCE, MICROBIAL/ FEMALE/ HUMAN/ *LEUKEMIA/ LEUKEMIA, diagnosis/ LEUKEMIA, drug therapy/ LEUKEMIA, immunology/ LEUKEMIA, mortality/ MALE/ MERCAPTOPURINE, therapeutic use/ METHOTREXATE, therapeutic use/ MIDDLE AGE/ PREDNISONE, therapeutic use/ PROGNOSIS/ VINCRISTINE, therapeutic use

2399. **Lie TS, Wessel W, Mrozek BA, et al:** Licht- und elektronenmikroskopische Untersuchungen konservierter Hundenebennieren mit retrograder Perfusion. Z Ges Exp Med 150:302-15, 1969 (Ger)
*ADRENAL GLANDS/ ADRENAL GLANDS, cytology/ ADRENAL GLANDS, transplantation/ ANIMAL EXPERIMENTS/ CELL NUCLEUS/ DEXTRAN/ DOGS/ ELECTROLYTES/ HYPOTHERMIA, INDUCED/ METHODS/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ ORGAN WEIGHT/ *PERFUSION/ RABBITS/ TIME FACTORS/ *TISSUE PRESERVATION/ TRANSPLANTATION, HETEROLOGOUS

2400. **Liebow AA, Carrington CB:** The eosinophilic pneumonias. Medicine (Balt) 48:251-85, Jul 69 (67 ref.)
ADULT/ AGED/ ANTIBIOTICS, therapeutic use/ ASPERGILLUS, pathogenicity/ ASTHMA/ FEMALE/ HUMAN/ *LOEFFLER'S SYNDROME/ LOEFFLER'S SYNDROME, complications/ LOEFFLER'S SYNDROME, drug therapy/ LOEFFLER'S SYNDROME, etiology/ LOEFFLER'S SYNDROME, pathology/ LOEFFLER'S SYNDROME, radiography/ MALE/ MIDDLE AGE/ PREDNISONE, therapeutic use/ REVIEW

2401. **Liehr H, Richter E, Schultis K:** Therapie des Coma hepaticum. Med Welt 20:1181-3, 17 May 69 (Ger)
BLOOD TRANSFUSION/ ESOPHAGEAL VARICES, therapy/ HEPATIC COMA, drug therapy/ *HEPATIC COMA, therapy/ HUMAN/ PREDNISOLONE, therapeutic use

2402. **Liepin' GP, Ezeriete VK:** O znachenii iodnoĭ proby vdiagnostike aktivnoĭ fazy revmatizma. Lab Delo 8:467-9, 1968 (Rus)
ADULT/ AGED/ FEMALE/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ *PROTEIN-BOUND IODINE TEST/ *RHEUMATISM, diagnosis/ SERUM GLOBULIN, analysis

2403. **Lieschke HJ, Matzkowski H, Petzold H:** Magenschleimhautbefunde bei primären Hypothyreosen. Z Ges Inn Med 24:Suppl:108-9, 1 Apr 69 (Ger)
EDEMA/ EXTRACELLULAR SPACE/ GASTRIC JUICE, analysis/ *GASTRIC MUCOSA, pathology/ HUMAN/ HYPOTHYROIDISM, drug therapy/ *HYPOTHYROIDISM, pathology/ THYROID HORMONES, analysis/ THYROID HORMONES, therapeutic use

2404. **Lièvre JA:** Traitement des lombalgies. Sem Ther 43:373-6, Jun-Jul 67 (Fre)
ADRENAL CORTEX HORMONES, therapeutic use/ ANTI-INFLAMMATORY AGENTS, therapeutic use/ *BACKACHE, therapy/ *BONE DISEASES, complications/ HUMAN/ IMIPRAMINE, therapeutic use/ *INTERVERTEBRAL DISK DISPLACEMENT, therapy/ LUMBOSACRAL REGION/ *SPINAL DISEASES, complications/ *SPINAL OSTEOPHYTOSIS, therapy/ *SPONDYLOLISTHESIS, complications

2405. **Lièvre JA, Camus JP, Benichou C, et al:** Syndrome de Fanconi de l'adulte (diabète phospho-gluco-aminé) et cancer. Ann Med Intern (Paris) 120:459-68, Jun-Jul 69 (Fre)
ADULT/ AGED/ AMINOACIDURIA, RENAL, etiology/ *BONE NEOPLASMS, complications/ BRONCHIAL NEOPLASMS, complications/ *CARCINOMA, EPIDERMOID, complications/ CHILD/ CHILD, PRESCHOOL/ *FANCONI SYNDROME, etiology/ FANCONI SYNDROME, familial & genetic/ FEMALE/ GASTROINTESTINAL NEOPLASMS, complications/ GLYCOSURIA, RENAL, etiology/ HUMAN/ MALE/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ NEOPLASM METASTASIS/ OSTEOMALACIA, etiology/ OSTEOPOROSIS, etiology/ PHOSPHORUS, urine/ SKIN NEOPLASMS, complications

2406. **Liewendahl K, Lamberg BA:** Free thyroxine in serum and its use in clinical diagnosis. Acta Endocr (Kobenhavn) 61:343-58, Jun 69
ADULT/ CHILD/ FEMALE/ GEL FILTRATION/ HUMAN/ HYPERTHYROIDISM, blood/ HYPOTHYROIDISM, blood/ MALE/ METHODS/ NEPHROSIS, LIPOID, blood/ PREGNANCY/ PROTEIN-BOUND IODINE TEST/ *THYROID DISEASES, diagnosis/

THYROID GLAND FUNCTION TESTS/ *THYROXINE, blood

2407. **Likar IN, Likar LJ, Robinson RW:** Levels and patterns of acid mucopolysaccharides in bovine coronary arteries without gross lesions.
Acta Endocr (Kobenhavn) 59:668-81, Dec 68
ANIMAL EXPERIMENTS/ *CATTLE/ CATTLE DISEASES, etiology/ CHROMATOGRAPHY, ION EXCHANGE/ CORONARY DISEASE, metabolism/ CORONARY DISEASE, veterinary/ *CORONARY VESSELS, analysis/ ELECTROPHORESIS/ ESTROGENS, pharmacodynamics/ ESTRUS/ GLUCOSAMINE, analysis/ HEXOSAMINES, analysis/ HISTOCYTOCHEMISTRY/ *MUCOPOLYSACCHARIDES, analysis/ MUCOPOLYSACCHARIDES, metabolism/ PREGNANCY/ PREGNANCY, ANIMAL/ PUERPERIUM

2408. **Liljedahl SO, Reizenstein P, Asén P:** Studies on trauma. 3. Plasma iron elimination rate.
Acta Chir Scand 135:275-80, 1969
ANEMIA, occurrence/ BILIRUBIN, blood/ BLOOD SEDIMENTATION/ BLOODLETTING/ CARBON MONOXIDE, blood/ CORTISONE, pharmacodynamics/ FEMALE/ HEMOGLOBIN, analysis/ HUMAN/ *IRON, blood/ IRON ISOTOPES/ *METABOLIC CLEARANCE RATE/ MIDDLE AGE/ SEROTONIN, pharmacodynamics/ SURGERY, OPERATIVE/ *WOUNDS AND INJURIES, metabolism

2409. **Limanova EE:** Vlianie kzoftal'micheskogo faktora na obmen sul'fatirovannykh polisakharidov.
Probl Endokr (Moskva) 15:83-6, Jan-Feb 69 (Rus)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *EXOPHTHALMOS/ EXOPHTHALMOS PRODUCING SUBSTANCE/ GUINEA PIGS/ MALE/ *MUCOPOLYSACCHARIDES, metabolism/ SULFUR ISOTOPES/ TRACHEA, metabolism

2410. **Limaye NR, Sarver ME, Sabeh G, et al:** ACTH-excess and increased urinary pressor activity.
Exp Med Surg 25:178-84, 1967
ADOLESCENCE/ ADRENAL CORTEX HORMONES, urine/ ADULT/ BIOLOGICAL ASSAY/ *CATECHOLAMINES, urine/ *CORTICOTROPIN, diagnostic use/ *DIABETES MELLITUS, urine/ FEMALE/ HIRSUTISM, urine/ HUMAN/ HYPERTHYROIDISM, urine/ HYPOGLYCEMIA, urine/ KLINEFELTER'S SYNDROME/ MALE/ METYRAPONE, diagnostic use/ MIDDLE AGE/ *MUSCLE, SMOOTH, drug effects/ MYXEDEMA, urine/ *OBESITY, urine/ *THYROID DISEASES, urine

2411. **Limburg HG:** Chemotherapy in the treatment of ovarian cancer. Proc Roy Soc Med 62:361-2, Apr 69
ANTINEOPLASTIC AGENTS, therapeutic use/ CARCINOMA, drug therapy/ CYCLOPHOSPHAMIDE, therapeutic use/ FEMALE/ HUMAN/ IN VITRO/ METHOTREXATE, therapeutic use/ *OVARIAN NEOPLASMS, drug therapy/ OVARIAN NEOPLASMS, mortality/ THIO-TEPA, therapeutic use/ TISSUE CULTURE/ TRIAZIQUONE, therapeutic use/ VINBLASTINE, therapeutic use

2412. **Limvinov VV:** Vliianie platsentina-3--novogo preparata iz tkani platsenty cheloveka--na svertyvaiushchuiu shstemy krovi.
Biull Eksp Biol Med 67:19-21, Feb 69 (Rus)
ANIMAL EXPERIMENTS/ *BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ DOGS/ FEMALE/ HUMAN/ INJECTIONS, SUBCUTANEOUS/ MALE/ *PLACENTAL EXTRACTS, pharmacodynamics

2413. **Lin RC, Ngai SH, Costa E:** Lysergic acid diethylamide: role in conversion of plasma tryptophan to brain serotonin (5-hydroxytryptamine).
Science 166:237-9, 10 Oct 69
ANIMAL EXPERIMENTS/ *BRAIN CHEMISTRY, drug effects/ BROMINE/ CARBON ISOTOPES/ INJECTIONS, INTRAVENOUS/ *LYSERGIC ACID DIETHYLAMIDE, pharmacodynamics/ MODELS, CHEMICAL/ RATS/ *SEROTONIN, metabolism/ TRYPTOPHAN, blood/ *TRYPTOPHAN, metabolism

2414. **Linazasoro JM, Sánchez Martín JA:** Estudios sobre el metabolismo del iodo. V. Bocios con aclaramiento renal elevado. Rev Clin Esp 107:323-5, 15 Dec 67 (Spa)
ENGLISH ABSTRACT/ FEMALE/ *GOITER, metabolism/ HUMAN/ *IODINE, metabolism/ IODINE, urine/ PUBERTY

2415. **Linck G, Petrovic A, Weniger JP, et al:** Synthèse de stéroïdes à partir d'acétate de Na-1-14C par la corticosurrénale et la graisse brune de hamster sauvage (Cricetus cricetus L.) en culture organotypique.
J Physiol (Paris) 60:Suppl 2:490, 1968 (Fre)
*ACETATES, metabolism/ *ADIPOSE TISSUE, metabolism/ *ADRENAL GLANDS, metabolism/ BROWN FAT, metabolism/ CARBON ISOTOPES/ CHROMATOGRAPHY, THIN LAYER/ CORTISONE, biosynthesis/ FLUOROMETRY/ HAMSTERS/ HYDROCORTISONE, biosynthesis/ PREGNANES, biosynthesis/ SEASONS/ SODIUM/ *STEROIDS, biosynthesis/ TISSUE CULTURE

2416. **Lindenbaum A, Rosenthal MW, Lund CJ, et al:** Metabolic and therapeutic studies of plutonium. IV. ANL-7535. US AEC Argonne Nat Lab 60-5, Dec 68
ANIMAL EXPERIMENTS/ BONE AND BONES, metabolism/ *CHELATING AGENTS, therapeutic use/ *DTPA, therapeutic use/ LIVER, metabolism/ MICE/ MICROSCOPY, ELECTRON/ *PLUTONIUM, metabolism/ *PLUTONIUM, poisoning/ *POLYSACCHARIDES, therapeutic use/ RADIOAUTOGRAPHY/ SPLEEN, metabolism

2417. **Lindenbaum A, Smoler MH, Smith QT:** Biochemistry and ion binding of connective tissue. 3. ANL-7535. US AEC Argonne Nat Lab 67, Dec 68
ANIMAL EXPERIMENTS/ *BONE DEVELOPMENT/ CALCIFICATION, PHYSIOLOGIC/ CARTILAGE, analysis/ CATTLE/ *CONNECTIVE TISSUE, metabolism/ *IONS/ *MUCOPROTEINS, analysis/ OSSIFICATION, PHYSIOLOGIC

2418. **Lindenbraten VD:** Ob izmenenii soderzhaniia 17-oksikortikosteroidov v krovi pri likhoradke i gipertermii.
Probl Endokr (Moskva) 13:74-7, May-Jun 67 (Rus)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *FEVER, blood/ GUINEA PIGS/ *17-HYDROXYCORTICOSTEROIDS, blood

2419. **Lindner J:** Der rheumatische Bindegewebs-Stoffwechsel und die pathologische Struktur der Bindegewebe bei rheumatoider Arthritis.
Verh Deutsch Ges Inn Med 74:1315-49, 1968 (170 ref.) (Ger)
*ARTHRITIS, RHEUMATOID, metabolism/ *ARTHRITIS, RHEUMATOID, pathology/ CAPILLARIES, pathology/ CARTILAGE, ARTICULAR, metabolism/ COLLAGEN/ CONNECTIVE TISSUE, drug effects/ *CONNECTIVE TISSUE, metabolism/ *CONNECTIVE TISSUE, pathology/ DNA, biosynthesis/ ESTROGENS, pharmacodynamics/ GLUCOCORTICOIDS, pharmacodynamics/ HISTOCYTOCHEMISTRY/ HUMAN/ LYSOSOMES/ LYSOSOMES, enzymology/ MICROSCOPY, ELECTRON/ MODELS, THEORETICAL/ PROGESTERONE, pharmacodynamics/ RADIOAUTOGRAPHY/ REVIEW/ SULFATES, metabolism/ SYNOVIAL MEMBRANE, metabolism/ SYNOVIAL MEMBRANE, pathology/ TRITIUM

2420. **Lines DR:** Selectivity of proteinuria in childhood nephrotic syndrome. Arch Dis Child 44:461-4, Aug 69
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ HUMAN/ KIDNEY, physiopathology/ *NEPHROTIC SYNDROME,

complications/ NEPHROTIC SYNDROME, diagnosis/ NEPHROTIC SYNDROME, drug therapy/ NEPHROTIC SYNDROME, physiopathology/ PREDNISOLONE, therapeutic use/ PROGNOSIS/ *PROTEINURIA, etiology/ TRANSFERRIN

2421. **Linèt O:** Steroidní spironaktony--antagonisté mineralokortikoidů.
Cesk Farm 18:218-26, Jun 69 (184 ref.) (Cze)
ADRENALECTOMY/ ALDOSTERONE, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ ASCITES, drug therapy/ CHEMISTRY, ANALYTICAL/ DESOXYCORTICOSTERONE, antagonists & inhibitors/ DESOXYCORTICOSTERONE, pharmacodynamics/ DOGS/ FECES, analysis/ FEMALE/ HEART FAILURE, CONGESTIVE, drug therapy/ HUMAN/ HYDROCORTISONE, pharmacodynamics/ HYPERALDOSTERONISM, drug therapy/ HYPERTENSION, drug therapy/ LIVER CIRRHOSIS, drug therapy/ MALE/ *MINERALOCORTICOIDS, antagonists & inhibitors/ NEPHROTIC SYNDROME, drug therapy/ POTASSIUM, analysis/ POTASSIUM, urine/ RATS/ REVIEW/ SODIUM, analysis/ SODIUM, urine/ SPIRONOLACTONE, metabolism/ *SPIRONOLACTONE, pharmacodynamics/ SPIRONOLACTONE, therapeutic use/ *STEROIDS, pharmacodynamics/ WATER-ELECTROLYTE BALANCE, drug effects

2422. **Linquette M, Fossati P, Gasnault JP, et al:** Les anomalies rénales et urinaires au cours du syndrome de Turner. Lille Med 12:427-30, Apr 67 (Fre)
FEMALE/ HUMAN/ *KIDNEY, abnormalities/ KIDNEY, radiography/ *TURNER'S SYNDROME, complications/ URETER, abnormalities/ *UROGENITAL SYSTEM, abnormalities/ UROGRAPHY

2423. **Linquette M, Fossati P, Dupont-Lecompte J, et al:** Les dysmorphies squelettiques au cours du syndrome de Turner. Lille Med 12:409-20, Apr 67 (Fre)
*BONE AND BONES, abnormalities/ BONE AND BONES, radiography/ HUMAN/ *TURNER'S SYNDROME, complications/ TURNER'S SYNDROME, radiography

2424. **Lipovetskii BM, Dmitrieva II:** Neésterifitsirovannye zhirnye kisloty krovi i lipomobilizuiushchie svoistva syvorotki pri ateroskleroze.
Vop Med Khim 15:25-8, Jan-Feb 69 (Rus)
ARTERIOSCLEROSIS, blood/ BIOLOGICAL TRANSPORT/ CUSHING'S SYNDROME, blood/ CUSHING'S SYNDROME, metabolism/ DIET/ ENGLISH ABSTRACT/ *FATTY ACIDS, NONESTERIFIED, blood/ HUMAN/ *LIPIDS, blood/ LIPIDS, metabolism/ MALE/ STARVATION, blood/ STARVATION, metabolism/ TIME FACTORS

2425. **Lippmann W:** Inhibition of gastric acid secretion in the rat by synthetic prostaglandins.
J Pharm Pharmacol 21:335-6, May 69
ANIMAL EXPERIMENTS/ DEPRESSION, CHEMICAL/ FEMALE/ GASTRIC ACIDITY DETERMINATION/ *GASTRIC JUICE, secretion/ *PROSTAGLANDINS, pharmacodynamics/ RATS/ *STOMACH, drug effects

2426. **Lisboa BP, Gustafsson JA:** Biosynthesis of 6 beta- and 6 alpha-hydroxyprogesterone in the human foetal liver.
Europ J Biochem 9:503-6, Jul 69
CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ FEMALE/ GELS/ HUMAN/ *HYDROXYPROGESTERONE, biosynthesis/ HYDROXYPROGESTERONE, isolation & purification/ IN VITRO/ LIVER, embryology/ *LIVER, metabolism/ *MICROSOMES, metabolism/ PREGNANCY/ PREGNANES, urine/ PROGESTERONE, metabolism/ SILICA/ SPECTRUM ANALYSIS

2427. **Lisk RD:** Estrogen: direct effects on hypothalamus or pituitary in relation to pituitary weight changes.
Neuroendocrinology 4:368-73, 1969
ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ *ESTRADIOL, pharmacodynamics/ FEMALE/ *HYPOTHALAMUS, drug effects/ MICROTOMY/ ORGAN WEIGHT/ OVARY, drug effects/ *PITUITARY GLAND, drug effects/ RATS/ STAINS AND STAINING/ UTERUS, drug effects

2428. **Liston AJ, Toft P:** The enol acetylation of alkylated delta-4-3-oxo steroids. A novel enone-phenol transformation. J Org Chem 34:2288-96, Aug 69
CHEMISTRY/ *STEROIDS

2429. **Littlepage BN:** Active labor. Brit Med J 3:654, 13 Sep 69
FEMALE/ HUMAN/ *LABOR COMPLICATIONS, prevention & control/ LABOR, INDUCED/ *OXYTOCIN, administration & dosage/ PARITY/ PREGNANCY/ PREGNANCY TOXEMIAS, drug therapy

2430. **Liu FT, Lin HS:** Role of insulin in body growth and the growth of salivary and endocrine glands in rats.
J Dent Res 48:559-67, Jul-Aug 69
*ALLOXAN DIABETES/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ *ENDOCRINE GLANDS, growth & development/ *GROWTH, drug effects/ *INSULIN, pharmacodynamics/ RATS/ *SALIVARY GLANDS, growth & development

2431. **Liu FT, Lin HS:** Role of adrenocortical hormones in growth and development of salivary glands in immature female rats. J Dent Res 48:602, Jul-Aug 69
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ *CORTICOSTERONE, pharmacodynamics/ FEMALE/ ORGAN WEIGHT/ PAROTID GLAND, growth & development/ RATS/ *SALIVARY GLANDS, growth & development/ SUBMANDIBULAR GLAND, growth & development

2432. **Liul'ka AN, Shust IV:** Aktivnost' nespetsificheskikh fosfataz shchitivodnoĭ zhelezy pri diffuznom toksicheskom zobe i tireotoksicheskoĭ adenome.
Probl Endokr (Moskva) 15:27-32, Mar-Apr 69 (Rus)
ACID PHOSPHATASE, analysis/ *ADENOMA, enzymology/ ADOLESCENCE/ ADULT/ ALKALINE PHOSPHATASE, analysis/ ENGLISH ABSTRACT/ FEMALE/ *GOITER, EXOPHTHALMIC, enzymology/ HUMAN/ HYPERTHYROIDISM, enzymology/ MALE/ MIDDLE AGE/ *PHOSPHATASES, analysis/ *THYROID NEOPLASMS, enzymology

2433. **Liversage RA, Scadding SR:** Re-establishment of forelimb regeneration in adult hypophysectomized Diemictylus (Triturus) viridescens given frog anterior pituitary extract.
J Exp Zool 170:381-95, Apr 69
ANIMAL EXPERIMENTS/ *FORELIMB, growth & development/ FROGS/ HYPOPHYSECTOMY/ METHODS/ *PITUITARY GLAND, physiology/ *REGENERATION, drug effects/ SALAMANDERS/ *TISSUE EXTRACTS, pharmacodynamics

2434. **Llamas R, González-Cerezo H, Laguna G:** Contenido de aminoácidos libres y actividad proteolitica del musculo esqueletico. Cambos producidos por diversos factores hormonales.
Gac Med Mex 99:596-608, Jun 69 (Spa)
ADRENALECTOMY/ *AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ *HYDROCORTISONE, metabolism/ *INSULIN, metabolism/ MALE/ METHODS/ MUSCLE, SMOOTH, metabolism/ *PROTEIN HYDROLYSATES, metabolism/ RATS/ *SOMATOTROPIN, metabolism

2435. **Llerena LA, Guevara A, Lobotsky J, et al:** Concentration of luteinizing and follicle-stimulating hormones in peripheral and ovarian venous plasma.
J Clin Endocr 29:1083-9, Aug 69
ADULT/ CHLORMADINONE, pharmacodynamics/ ETHYNODIOL DIACETATE, pharmacodynamics/ FEMALE/ *FSH, blood/ HUMAN/ *LH, blood/

MEDROXYPROGESTERONE, pharmacodynamics/ MENSTRUATION/ OVARY, blood supply/ OVARY, metabolism/ OVULATION, drug effects/ RADIOIMMUNOASSAY/ VEINS

2436. **Lloyd W, Fang VS, Wells H, et al:** 2-Thiophenecarboxylic acid: a hypoglycemic, antilipolytic agent with hypocalcemic and hypophosphatemic effects in rats.
Endocrinology 85:763-8, Oct 69
ADENOSINE CYCLIC 3',5'-PHOSPHATE, physiology/ ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ ANTILIPEMIC AGENTS/ BONE AND BONES, metabolism/ BONE DISEASES, prevention & control/ DEPRESSION, CHEMICAL/ ERGOCALCIFEROL, antagonists & inhibitors/ HYPERCALCEMIA, chemically induced/ *HYPOCALCEMIA, chemically induced/ HYPOGLYCEMIA, chemically induced/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, SUBCUTANEOUS/ MALE/ NEPHRECTOMY/ PANCREATECTOMY/ PARATHYROID GLANDS, surgery/ PHOSPHATES, blood/ RATS/ THIOPHENES/ *THIOPHENES/ THIOPHENES, administration & dosage/ THYROIDECTOMY/ TUBE FEEDING

2437. **Lobodziec W:** Rozkład dawek w tkance miękkiej na pograniczu z kością podczas ekspozycji na promieniowanie gamma Co-60.
Nowotwory 19:147-52, Apr-Jun 69 (Pol)
*ADIPOSE TISSUE, radiation effects/ ALUMINUM/ *BONE AND BONES, radiation effects/ *COBALT ISOTOPES, administration & dosage/ ENGLISH ABSTRACT/ MODELS, THEORETICAL/ *RADIATION EFFECTS/ *RADIOMETRY/ WOOD

2438. **Lockett MF:** A hormonal influence of the heart on the kidney. Israel J Med Sci 5:525-9, Jul-Aug 69
ABSORPTION/ AMINOHIPPURIC ACID, metabolism/ ANIMAL EXPERIMENTS/ ASSISTED CIRCULATION/ BLOOD PRESSURE/ CATS/ CREATININE, metabolism/ ELECTROLYTES, metabolism/ EXTRACORPOREAL CIRCULATION/ *HEART, physiology/ HORMONES, physiology/ HYDROGEN-ION CONCENTRATION/ *KIDNEY, metabolism/ POTASSIUM, urine/ SODIUM, urine/ *SODIUM CHLORIDE, metabolism/ URINE/ *WATER, metabolism

2439. **Loesch D:** Niektóre zagadnienia poradnictwa genetycznego w neurologii.
Neurol Neurochir Pol 3:239-47, May-Jun 69 (Pol)
ADULT/ *CENTRAL NERVOUS SYSTEM DISEASES, familial & genetic/ *COUNSELING/ ENGLISH ABSTRACT/ *FAMILY PLANNING/ FEMALE/ *HEREDITARY DISEASES, prevention & control/ HUMAN/ MALE/ *MARRIAGE/ MATERNAL AGE/ MIDDLE AGE/ MONGOLISM/ *SEX CHROMOSOME ABNORMALITIES

2440. **Loeschke A:** El crecimiento y la hormona de crecimiento. Diagnóstico diferencial y tratamiento del retraso de crecimiento de origen hipofisario.
Rev Clin Esp 111:613-8, 31 Dec 68 (Spa)
DIAGNOSIS, DIFFERENTIAL/ *GROWTH/ HUMAN/ PITUITARY GLAND, drug effects/ *THYROTROPIN, therapeutic use

2441. **Loevy H:** A ação teratogênica dos esteróides na produção da fenda palatina experimental.
Odont Atual 2:11-8, Jun 69 (Por)
ABNORMALITIES, DRUG-INDUCED/ CLEFT PALATE, chemically induced/ CORTISONE, adverse effects/ MATERNAL-FETAL EXCHANGE/ SPECIAL LIST DENTAL/ STEROIDS, adverse effects

2442. **Löffler F, Beissert M:** Die Bedeutung des Prednison-Glukose-Tests und des intravenösen Tolbutamidtestes für die Diabetessuche im Wochenbett.
Deutsch Gesundh 23:1998-2001, 17 Oct 68 (Ger)
ADULT/ BIRTH WEIGHT/ BLOOD SUGAR, analysis/ ENGLISH ABSTRACT/ FEMALE/ *GLUCOSE TOLERANCE TEST/ HUMAN/ *PREDNISONE, diagnostic use/ PREGNANCY/ *PREGNANCY IN DIABETES, diagnosis/ *PUERPERAL DISORDERS, diagnosis/ *TOLBUTAMIDE, diagnostic use

2443. **Loizou LA:** The development of monoamine-containing neurones in the brain of the albino rat.
J Anat 104:588, May 69
AGE FACTORS/ *AMINES, analysis/ ANIMAL EXPERIMENTS/ *BRAIN CHEMISTRY/ CATECHOLAMINES, analysis/ DOPAMINE, analysis/ METHYLTYROSINES, pharmacodynamics/ *NEURONS, growth & development/ NOREPINEPHRINE, analysis/ RATS/ SEROTONIN, analysis

2444. **Lomax P, Foster RS, Kirkpatrick WE:** Thermoregulation in the rat: interactions of cholinergic and adrenergic agents in the hypothalamus.
Proc West Pharmacol Soc 11:48-51, 1968
ANIMAL EXPERIMENTS/ *BODY TEMPERATURE REGULATION, drug effects/ FEMALE/ HYPOTHALAMUS, drug effects/ NEURAL TRANSMISSION, drug effects/ *NOREPINEPHRINE, pharmacodynamics/ PILOCARPINE, antagonists & inhibitors/ *PILOCARPINE, pharmacodynamics/ RATS

2445. **Long RF, Marks J:** The transfer of drugs across the placenta. Proc Roy Soc Med 62:318-21, Apr 69
ANALGESICS AND ANTIPYRETICS, metabolism/ ANIMAL EXPERIMENTS/ BARBITURATES, metabolism/ BIOLOGICAL TRANSPORT, ACTIVE/ DIFFUSION/ *DRUGS, metabolism/ FEMALE/ FETUS, drug effects/ HUMAN/ HYDROGEN-ION CONCENTRATION/ INFANT, NEWBORN/ *MATERNAL-FETAL EXCHANGE/ METABOLISM, INBORN ERRORS/ MICE/ PHENOBARBITAL, metabolism/ PINOCYTOSIS/ PLACENTA, metabolism/ PREGNANCY/ PROTEIN BINDING/ RABBITS/ STEROIDS, metabolism/ THIOPENTAL, metabolism

2446. **Long WW Jr, Othersen HB Jr:** The treatment of severe burns in children.
J S Carolina Med Ass 65:239-43, Jul 69
*BURNS, therapy/ CHILD/ CHILD, HOSPITALIZED/ DEBRIDEMENT/ DEXAMETHASONE, administration & dosage/ HUMAN/ NITROFURAZONE, therapeutic use/ WATER-ELECTROLYTE BALANCE

2447. **Longhino N, Tajić M, Vedriš M, et al:** Urinary excretion of androstenedione, testosterone, epitestosterone and dehydroepiandrosterone during the normal menstrual cycle.
Acta Endocr (Kobenhavn) 59:644-51, Dec 68
ADULT/ *ANDROSTANES, urine/ *DEHYDROEPIANDROSTERONE, urine/ ESTRIOL, urine/ FEMALE/ HUMAN/ *17-KETOSTEROIDS, urine/ *MENSTRUATION/ OVULATION/ PERIODICITY/ PREGNANEDIOL, urine/ *TESTOSTERONE, urine

2448. **Lopez M, Lowell FC, Franklin W:** A controlled study of disodium cromoglycate in the treatment of bronchial asthma. J Allerg 44:118-21, Aug 69
ADULT/ *ASTHMA, drug therapy/ *CHROMONES, therapeutic use/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PREDNISONE, therapeutic use

2449. **Lord R, Gaunt JI, Kinmonth JB:** Lymphatic and visceral irradiation from endolymphatic infusion in the rabbit.
Amer J Roentgen 106:700-7, Aug 69
ANIMAL EXPERIMENTS/ BONE AND BONES, radiation effects/ INFUSIONS, PARENTERAL/ IODINE ISOTOPES, administration & dosage/ IODINE ISOTOPES, metabolism/ IODIZED OILS/ KIDNEY, radiation effects/ LIVER, radiation effects/ LUNG, radiation effects/ LYMPH NODES, radiation effects/ *LYMPHATIC METASTASIS, radiotherapy/ *LYMPHATIC SYSTEM, radiation effects/ *LYMPHOGRAPHY/ METHODS/ PHOSPHORUS

ISOTOPES, administration & dosage/ PHOSPHORUS ISOTOPES, metabolism/ RABBITS/ *RADIATION EFFECTS/ *RADIOTHERAPY/ SPLEEN, radiation effects

2450. Lorenzen I: Corticosteroids and vascular connective tissue. II. Effects of prednisone on vascular injury induced by noradrenaline. Biochemical and morphological studies.
Acta Endocr (Kobenhavn) 62:67-76, Sep 69
ANIMAL EXPERIMENTS/ *AORTA, drug effects/ AORTA, pathology/ ARTERIOSCLEROSIS, chemically induced/ *CONNECTIVE TISSUE, drug effects/ DRUG ANTAGONISM/ DRUG SYNERGISM/ GLYCOPROTEINS, analysis/ HEXOSAMINES, analysis/ HYDROXYPROLINE, analysis/ MALE/ MUCOPOLYSACCHARIDES, analysis/ MUCOPOLYSACCHARIDES, metabolism/ *NOREPINEPHRINE, pharmacodynamics/ *PREDNISONE, pharmacodynamics/ RABBITS/ URONIC ACIDS, analysis

2451. Lorenzen I, Brun C, Videbaek A: Treatment of immunologic diseases with cytostatics.
Acta Med Scand 185:501-6, Jun 69
ANEMIA, chemically induced/ ANEMIA, HEMOLYTIC, AUTOIMMUNE, drug therapy/ ASTHMA, drug therapy/ *AUTOIMMUNE DISEASES, drug therapy/ AZATHIOPRINE, adverse effects/ *AZATHIOPRINE, therapeutic use/ DYSPEPSIA, chemically induced/ GAMMA GLOBULIN, analysis/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ KIDNEY DISEASES, drug therapy/ LEUKOPENIA, chemically induced/ RHEUMATOID FACTOR, blood/ THROMBOPENIA, chemically induced

2452. Lorenzoni E: The diagnostic possibilities of the EMG in tetany.
Electroenceph Clin Neurophysiol 27:212-3, Aug 69
CALCIUM, blood/ *ELECTROMYOGRAPHY/ HUMAN/ HYPOCALCEMIA, diagnosis/ HYPOKALEMIA, diagnosis/ POTASSIUM, blood/ *TETANY, diagnosis

2453. Loridan L, Senior B: Cushing's syndrome in infancy.
J Pediat 75:349-59, Sep 69
ABNORMALITIES, MULTIPLE/ ADENOMA, complications/ ADRENAL GLAND NEOPLASMS, complications/ CARCINOMA, complications/ CHILD, PRESCHOOL/ *CUSHING'S SYNDROME/ CUSHING'S SYNDROME, congenital/ CUSHING'S SYNDROME, diagnosis/ CUSHING'S SYNDROME, etiology/ CUSHING'S SYNDROME, mortality/ CUSHING'S SYNDROME, radiography/ DEXAMETHASONE, diagnostic use/ FEMALE/ GROWTH/ HUMAN/ HYDROCORTISONE, blood/ 17-HYDROXYCORTICOSTEROIDS, urine/ HYPERTROPHY, complications/ INFANT/ INFANT, NEWBORN/ INSULIN, blood/ 17-KETOSTEROIDS, urine/ MALE/ METYRAPONE, diagnostic use/ PITUITARY-ADRENAL FUNCTION TESTS/ SEPTICEMIA, complications

2454. Lorie IuI, Strelukhina NV, Solov'eva EA: Kombinirovannoe lechenie ostrogo leĭkoza.
Probl Gemat 12:76-80, Oct 67 (Rus)
ADULT/ CHILD/ *CYCLOPHOSPHAMIDE, administration & dosage/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LEUKEMIA, drug therapy/ MALE/ *MERCAPTOPURINE, administration & dosage/ *METHOTREXATE, administration & dosage/ MIDDLE AGE/ *PREDNISOLONE, administration & dosage

2455. Losert W, Schultz G, Sitt R, et al: Neuere Befunde zum Wirkungsmechanismus von Aldosteron und diuretica.
Arzneimittelforschung 19:709-19, May 69 (89 ref.) (Ger)
ADRENALECTOMY/ *ALDOSTERONE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BENZOTHIADIAZINES, pharmacodynamics/ BIOLOGICAL TRANSPORT, drug effects/ BLADDER, metabolism/ CELL MEMBRANE PERMEABILITY, drug effects/ DEPRESSION, CHEMICAL/ *DIURETICS, pharmacodynamics/ ENGLISH ABSTRACT/ ENZYMES, biosynthesis/ FROGS/ FUROSEMIDE, pharmacodynamics/ GLUTATHIONE, analysis/ KIDNEY, enzymology/ KIDNEY, metabolism/ KIDNEY TUBULES, drug effects/ LIVER, drug effects/ MITOCHONDRIA, enzymology/ OXIDOREDUCTASES, metabolism/ PERMEASES, biosynthesis/ PROTEINS, biosynthesis/ RATS/ REVIEW/ SODIUM, metabolism/ STIMULATION, CHEMICAL/ TRIAMTERENE, pharmacodynamics

2456. Lössner J, Zett W: Aportación al cuadro patológico de los trastornos miógeno-inflamatorios de la motilidad ocular. Folia Clin Int (Barc) 17:545-55, Nov 69 (Spa)
ADULT/ DIAGNOSIS, DIFFERENTIAL/ ELECTROMYOGRAPHY/ EXOPHTHALMOS, diagnosis/ *EXOPHTHALMOS, etiology/ FEMALE/ HUMAN/ MIDDLE AGE/ *MOVEMENT DISORDERS, etiology/ *MYOSITIS/ *OCULOMOTOR MUSCLES

2457. Lotti VJ, Kokka N, George R: Pituitary-adrenal activation following intrahypothalamic microinjection of morphine.
Neuroendocrinology 4:326-32, 1969
ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ ASCORBIC ACID, analysis/ CORTICOSTERONE, blood/ FEMALE/ HYPOTHALAMUS/ INJECTIONS, INTRATHECAL/ *MORPHINE, administration & dosage/ MORPHINE, pharmacodynamics/ *PITUITARY-ADRENAL SYSTEM, drug effects/ RATS

2458. Louhija A: "Epätauti". Duodecim 85:469-70, 1969 (Fin)
*ADDISON'S DISEASE, diagnosis/ *CUSHING'S SYNDROME, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ FALSE POSITIVE REACTION/ *HEART DISEASES, diagnosis/ HUMAN/ PREVENTIVE HEALTH SERVICES

2459. Lower RR, Kosek JC, Kemp VE, et al: Rejection of the cardiac transplant. Amer J Cardiol 24:492-9, Oct 69
ACUTE DISEASE/ ADULT/ ANIMAL EXPERIMENTS/ ARTERIES, pathology/ AZATHIOPRINE, therapeutic use/ CHRONIC DISEASE/ CORONARY VESSELS, pathology/ DOGS/ EDEMA/ ELECTROCARDIOGRAPHY/ HEART, radiation effects/ *HEART, transplantation/ HEMORRHAGE/ HISTOCOMPATIBILITY/ HUMAN/ LACTATE DEHYDROGENASE ISOENZYMES, blood/ MALE/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ MONOCYTES/ MYOCARDIUM, pathology/ NECROSIS/ PERICARDIUM, blood supply/ PREDNISONE, therapeutic use/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY

2460. Lowitz HD, Stumpe KO, Ochwadt B: Mikropunktionsuntersuchung der geklammerten Niere bei einseitig nephrektomierten Ratten mit experimentellem renalen Hochdruck.
Pflueger Arch 309:212-23, 1969 (Ger)
*ABSORPTION/ ANGIOTENSIN, physiology/ ANIMAL EXPERIMENTS/ FEMALE/ *HYPERTENSION, RENAL, physiopathology/ *KIDNEY TUBULES, physiopathology/ NEPHRECTOMY/ *POTASSIUM, metabolism/ RATS/ RENAL ARTERY OBSTRUCTION/ RENIN, physiology/ *SODIUM, metabolism/ *WATER, metabolism/ WATER-ELECTROLYTE BALANCE

2461. Lowy J, Albepart T, Pasqualini JR: 3H-Corticosterone metabolism in the rat.
Acta Endocr (Kobenhavn) 61:483-93, Jul 69
ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, PAPER/ CORTICOSTERONE, blood/ *CORTICOSTERONE, metabolism/ CORTICOSTERONE, urine/ INTESTINES, metabolism/ KIDNEY, metabolism/ LIVER, metabolism/ LUNG, metabolism/ MALE/ RATS/ SPLEEN, metabolism/ TRITIUM

2462. Loyter A, Christiansen RO, Steensland H, et al:

Energy-linked ion translocation in submitochondrial particles. I. Ca++ accumulation in submitochondrial particles. J Biol Chem 244:4422-7, 25 Aug 69
ADENINE NUCLEOTIDES/ ADENOSINE TRIPHOSPHATE/ ANIMAL EXPERIMENTS/ ASCORBIC ACID, metabolism/ *BIOLOGICAL TRANSPORT, ACTIVE/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ CATTLE/ CYANIDES, pharmacodynamics/ HYDRAZINES, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ METHODS/ MITOCHONDRIA, MUSCLE, drug effects/ *MITOCHONDRIA, MUSCLE, metabolism/ MYOCARDIUM, cytology/ MYOCARDIUM, metabolism/ NAD, metabolism/ OSMOSIS/ PHENAZINES, pharmacodynamics/ ROTENONE, pharmacodynamics/ SUCCINATES/ VIBRATION

2463. **Lubawski I, Wale J:** Studies with LB 46, a new beta-receptor blocking drug.
Europ J Pharmacol 6:345-8, 1969
ACETYLCHOLINE, antagonists & inhibitors/ ATROPINE, pharmacodynamics/ BLOOD PRESSURE/ CATS/ COMPARATIVE STUDY/ EPINEPHRINE, antagonists & inhibitors/ GUINEA PIGS/ *HEART ATRIUM, drug effects/ HEART RATE, drug effects/ HISTAMINE, antagonists & inhibitors/ ILEUM, drug effects/ IN VITRO/ *INDOLES, pharmacodynamics/ ISOPROTERENOL, antagonists & inhibitors/ PROPRANOLOL, administration & dosage/ *PROPRANOLOL, pharmacodynamics/ RABBITS/ SEROTONIN, antagonists & inhibitors/ SYMPATHOLYTICS, administration & dosage/ *SYMPATHOLYTICS, pharmacodynamics

2464. **Lubczyńska-Kowalska W, Zagrobelny Z:** Rezerwa przysadkowa w chorobie wrzodowej.
Pol Tyg Lek 24:582-3, 21 Apr 69 (Pol)
ADULT/ CORTICOTROPIN, secretion/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, urine/ MALE/ METYRAPONE/ MIDDLE AGE/ *PEPTIC ULCER, urine/ PITUITARY GLAND FUNCTION TESTS

2465. **Lübke F:** Beeinflussung des Cervixfaktors und der Penetrationsteste durch niedrig dosierte Gestagen-Dauerapplikation.
Arch Gynaek 207:49-50, 1969 (Ger)
*CERVIX MUCUS, drug effects/ CHLORMADINONE, administration & dosage/ *CHLORMADINONE, pharmacodynamics/ CONTRACEPTION/ FEMALE/ HUMAN/ MALE/ SPERMATOZOA, drug effects

2466. **Lucas ZJ, Kempson RL, Palmer J, et al:** Renal allotransplantation in man. II. Transplantation in cystinosis, a metabolic disease.
Amer J Surg 118:158-68, Aug 69
CHILD/ *CYSTINOSIS, complications/ DACTINOMYCIN/ FEMALE/ HEPARIN/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS/ *KIDNEY, transplantation/ *KIDNEY FAILURE, ACUTE, therapy/ KIDNEY FUNCTION TESTS/ METHYLPREDNISOLONE/ TRANSPLANTATION, HOMOLOGOUS/ TRANSPLANTATION IMMUNOLOGY

2467. **Lucchelli PE:** Experimental design in clinical drug research: some practical implications.
Int Z Klin Pharmakol Ther Toxik 2:30-7, Jan 69
ADIPOSE TISSUE, drug effects/ ADIPOSE TISSUE, metabolism/ ALDOSTERONE, therapeutic use/ ANALYSIS OF VARIANCE/ ANGIOTENSIN, administration & dosage/ *BIOMETRY/ CLINICAL RESEARCH/ DEFEROXAMINE, pharmacodynamics/ DIETARY PROTEINS, therapeutic use/ DRUG SYNERGISM/ GLUCOSE, metabolism/ HUMAN/ INSULIN, pharmacodynamics/ METHANDROSTENOLONE, therapeutic use/ METHODS/ *MODELS, THEORETICAL/ *PHARMACOLOGY/ PLACEBOS

2468. **Lucis OJ, Lucis R:** Distribution of cadmium 109 and zinc 65 in mice of inbred strains.
Arch Environ Health (Chicago) 19:334-6, Sep 69
ANIMAL EXPERIMENTS/ CADMIUM, blood/ *CADMIUM, metabolism/ INBREEDING/ INTESTINE, LARGE, analysis/ INTESTINE, SMALL, analysis/ KIDNEY, analysis/ LIVER, analysis/ LUNG, analysis/ MALE/ MICE/ MUSCLES, analysis/ MYOCARDIUM, analysis/ NECROSIS/ PANCREAS, analysis/ RADIOISOTOPES/ SPECIES SPECIFICITY/ SPLEEN, analysis/ STOMACH, analysis/ TESTICULAR DISEASES, metabolism/ TESTIS, analysis/ THYROID GLAND, analysis/ ZINC, blood/ *ZINC, metabolism/ ZINC ISOTOPES

2469. **Lucy JA:** Some possible roles for vitamin A in membranes: micelle formation and electron transfer.
Amer J Clin Nutr 22:1033-44, Aug 69
ANIMAL EXPERIMENTS/ CHEMISTRY/ COLLOIDS/ *ELECTRON TRANSPORT/ ERYTHROCYTES, drug effects/ FREE RADICALS/ IODINE/ *LIPIDS/ LYSOSOMES, drug effects/ LYSOSOMES, enzymology/ *MEMBRANES/ MEMBRANES, cytology/ MEMBRANES, physiology/ MODELS, STRUCTURAL/ OXIDATION-REDUCTION/ PERMEABILITY/ QUINONES/ RABBITS/ SPECTROPHOTOMETRY/ SURFACE PROPERTIES/ *VITAMIN A/ VITAMIN A, metabolism/ VITAMIN A, pharmacodynamics

2470. **Ludin HP, Spiess H, Koenig MP:** Neuromuscular dysfunction associated with thyrotoxicosis.
Europ Neurol 2:269-78, 1969
ADULT/ AGED/ CONVULSIONS, etiology/ DIABETES MELLITUS, complications/ ELECTROMYOGRAPHY/ EYE MANIFESTATIONS/ FEMALE/ GOITER, EXOPHTHALMIC, complications/ HUMAN/ *HYPERTHYROIDISM, complications/ LONG-ACTING THYROID STIMULATOR/ MALE/ MIDDLE AGE/ MUSCULAR ATROPHY, etiology/ NEURAL CONDUCTION/ NEUROLOGIC EXAMINATION/ *POLYNEURITIS, etiology

2471. **Ludwig E:** Hypertrichosen und Hirsutismus.
Z Allgemeinmed 45:754-62, 10 Jun 69 (Ger)
ADULT/ AGED/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HAIR, growth & development/ *HIRSUTISM/ HIRSUTISM, diagnosis/ HIRSUTISM, etiology/ HIRSUTISM, therapy/ HUMAN/ *HYPERTRICHOSIS/ HYPERTRICHOSIS, diagnosis/ HYPERTRICHOSIS, etiology/ HYPERTRICHOSIS, therapy/ MALE/ MIDDLE AGE/ SEX HORMONES, physiology

2472. **Lukacs G, Fukushima DK:** Synthesis and reactions of isomeric 3-acetamido-4,5-oxidoandrostan-17-beta-ol acetates. J Org Chem 34:2707-10, Sep 69
ACETATES, chem synthesis/ AMIDES, chem synthesis/ *ANDROSTANES, chem synthesis/ CHEMISTRY/ ETHERS, CYCLIC/ STEREOISOMERS

2473. **Lukash LK, Miagkova LP, Taĭts NS:** Rentgenofotometricheskiĭ metod diagnostiki kal'tseivoĭ nedostatochnosti pri khronicheskom énterokolite. Sovet Med 32:96-9, Jun 69 (Rus)
ADULT/ *CALCANEUS, radiography/ *CALCIUM, metabolism/ *COLITIS, diagnosis/ *ENTEROCOLITIS, ACUTE, diagnosis/ FEMALE/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ *PHOTOMETRY

2474. **Lukasik J, Kamieńska K:** Aktywność oddechowa frakcji mitochondrialnej łożyska miernikiem stanu noworodków. Pol Tyg Lek 24:83-6, 20 Jan 69 (Pol)
*ASPHYXIA NEONATORUM/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *MITOCHONDRIA/ *OXYGEN CONSUMPTION/ *PLACENTA, metabolism/ PREGNANCY

2475. **Lukomskiĭ GI, Shukhgalter IA:** Rol'diafragmy kak dopolnitel'nogo faktora v geneze posleoperatsionnykh atelektazov.
Eksp Khir Anest 12:94-7, Mar-Apr 67 (Rus)
ADULT/ *ATELECTASIS, etiology/ BILIARY TRACT DISEASES, surgery/ *DIAPHRAGM/ ENGLISH ABSTRACT/ HUMAN/ LUNG DISEASES, surgery/ MIDDLE AGE/ POSTOPERATIVE CARE/ *POSTOPERATIVE

COMPLICATIONS, etiology/ POSTURE/ STOMACH DISEASES, surgery/ THYROID DISEASES, surgery

2476. **Lulu DJ, Lince L:** The effect of vagotomy and pyloroplasty in serotonin-induced gastric ulcerations.
J Surg Res 9:547-9, Sep 69
ANIMAL EXPERIMENTS/ *PYLORUS, surgery/ RATS/ *SEROTONIN/ *STOMACH ULCER, chemically induced/ STOMACH ULCER, prevention & control/ *VAGOTOMY

2477. **Lundberg PO:** Prophylactic treatment of migraine with flumedroxone. Acta Neurol Scand 45:309-26, 1969
ADOLESCENCE/ ADULT/ AGED/ FEMALE/ HUMAN/ MENSTRUATION/ MIDDLE AGE/ MIGRAINE, drug therapy/ MIGRAINE, familial & genetic/ *MIGRAINE, prevention & control/ PLACEBOS/ PREMENSTRUAL TENSION/ PROGESTERONE, administration & dosage/ PROGESTERONE, adverse effects/ *PROGESTERONE, therapeutic use/ TIME FACTORS

2478. **Lunde DT:** Psychiatric complications of heart transplants. Amer J Psychiat 126:369-73, Sep 69
ADULT/ BODY IMAGE/ BRAIN DISEASES, etiology/ CHLORPROMAZINE, therapeutic use/ DEPRESSION, diagnosis/ FEMALE/ *HEART, transplantation/ HUMAN/ MALE/ *MENTAL DISORDERS/ PERSONALITY DISORDERS, etiology/ PHENOTHIAZINES, therapeutic use/ *POSTOPERATIVE COMPLICATIONS/ PREDNISONE, therapeutic use/ PROGNOSIS/ PSYCHOSES, diagnosis/ PSYCHOSES, etiology/ PUBLIC OPINION/ SCHIZOPHRENIA, diagnosis/ SELF CONCEPT/ TISSUE DONORS/ TRANSPLANTATION, HOMOLOGOUS

2479. **Lunedei A:** I bioritmi in endocrinologia clinica e sperimentale. Introduzione.
Rass Neurol Veg 21:3-8, 30 Apr 67 (Ita)
*CIRCADIAN RHYTHM/ *GONADS, physiology/ HUMAN/ HYPOTHALAMUS, secretion/ NEUROSECRETION/ *PITUITARY-ADRENAL SYSTEM

2480. **Lupovitch A, Margulis RR:** Variations in gonadal hormones and the X chromosome.
Amer J Obstet Gynec 105:269-73, 15 Sep 69
ERYTHROCYTES, enzymology/ FEMALE/ *GLUCOSEPHOSPHATE DEHYDROGENASE, blood/ HUMAN/ MENSTRUATION/ NEUTROPHILS/ *SEX CHROMATIN/ *SEX CHROMOSOMES/ *SEX HORMONES, physiology

2481. **Lurie AO:** Spironolactone and steroid assay.
Lancet 2:326, 9 Aug 69
ADRENAL GLAND DISEASES, drug therapy/ HUMAN/ *HYDROCORTISONE, blood/ *SPIRONOLACTONE, pharmacodynamics/ SPIRONOLACTONE, therapeutic use

2482. **Lurie B, Kadish U, Freund M, et al:** [Heatstroke]
Dapim Refuiim 27:271-8, Dec 68 (Heb)
ADOLESCENCE/ ENGLISH ABSTRACT/ FEVER, etiology/ HEAT EXHAUSTION, complications/ HUMAN/ HYDROCORTISONE, therapeutic use/ MALE/ STRESS/ *SUNSTROKE, complications/ SUNSTROKE, drug therapy/ SUNSTROKE, etiology

2483. **Luttge WG, Whalen RE:** Partial defeminization by administration of androstenedione to neonatal female rats. Life Sci 8:1003-8, 1 Sep 69
*ANDROSTANES, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ANIMALS, NEWBORN, drug effects/ CORPUS LUTEUM, drug effects/ ESTRUS, drug effects/ FEMALE/ *17-KETOSTEROIDS, pharmacodynamics/ RATS/ SEX BEHAVIOR, ANIMAL, drug effects/ *SEX CHARACTERISTICS, drug effects/ VAGINAL SMEARS

2484. **Lutwak L, Whedon GD, Lachance PA, et al:** Mineral, electrolyte and nitrogen balance studies of the Gemini-VII fourteen-day orbital space flight.
J Clin Endocr 29:1140-56, Sep 69
ADULT/ ALDOSTERONE, urine/ CALCIUM, urine/ CALCIUM, DIETARY/ CATECHOLAMINES, urine/ CHLORIDES, urine/ DIET/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ KIDNEY, physiology/ MAGNESIUM/ MAGNESIUM, urine/ MALE/ *METABOLISM/ NITROGEN/ NITROGEN, urine/ PHOSPHATES/ PHOSPHATES, urine/ POTASSIUM/ POTASSIUM, urine/ SODIUM/ SODIUM, urine/ *SPACE FLIGHT/ SULFATES/ SULFATES, urine/ UNITED STATES/ *WATER-ELECTROLYTE BALANCE

2485. **Lutz-Ostertag Y:** Action du diéthylstilboestrol sur l'hybride issu du croisement Canard Barbarie x Cane Khaki Campbell.
C R Acad Sci [D] (Paris) 268:3115-8, 23 Jun 69 (Fre)
*ABNORMALITIES, DRUG-INDUCED/ ANIMAL EXPERIMENTS/ *DIETHYLSTILBESTROL, pharmacodynamics/ *DUCKS/ FEMALE/ GONADS, abnormalities/ HERMAPHRODITISM, chemically induced/ HYBRIDIZATION/ MALE/ OVARY, abnormalities/ OVIDUCTS, abnormalities/ OVUM, drug effects/ STERILITY, chemically induced/ UROGENITAL SYSTEM, abnormalities

2486. **Lutz-Ostertag Y, Meiniel R, Lutz H:** Action du Parathion sur le dévelopment de l'embryon de caille.
C R Acad Sci [D] (Paris) 268:2911-3, 16 Jun 69 (Fre)
*ABNORMALITIES, DRUG-INDUCED/ ABNORMALITIES, MULTIPLE, chemically induced/ ANIMAL EXPERIMENTS/ BIRDS/ DEAFNESS, chemically induced/ DWARFISM, chemically induced/ FEMALE/ FETAL DEATH, chemically induced/ KIDNEY, abnormalities/ LIVER, abnormalities/ MALE/ OVARY, abnormalities/ *PARATHION, pharmacodynamics/ STERILITY, chemically induced/ TESTIS, abnormalities/ TISSUE CULTURE/ UROGENITAL SYSTEM, abnormalities

2487. **Lutziger H:** Wirkungen des Gestagens RO 4-8347.
Gynaecologia (Basel) 167:444-9, 1969 (Ger)
ABORTION, HABITUAL, etiology/ ABORTION, HABITUAL, prevention & control/ *DYDROGESTERONE, therapeutic use/ FEMALE/ HUMAN/ MENSTRUATION DISORDERS, complications/ *OVULATION, drug effects/ PREGNANCY/ *STERILITY, FEMALE, drug therapy/ STERILITY, FEMALE, etiology

2488. **Luvarà A, Magni LA, Mainardi L:** Osservazioni sulla eliminazione urinaria di N1-metilnicotinamide dopo somministrazione di prednisolone nel neonato.
Acta Vitamin (Milano) 23:81-5, 1969 (Ita)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ HUMAN/ *INFANT, NEWBORN/ KYNURENINE, urine/ MALE/ *NICOTINAMIDE, urine/ PREDNISOLONE, metabolism/ *PREDNISOLONE, pharmacodynamics/ RATS

2489. **Lynch GA:** Breast cancer associated with pregnancy.
Ulster Med J 38:34-46, Winter 69
ADULT/ *BREAST NEOPLASMS, occurrence/ BREAST NEOPLASMS, radiotherapy/ BREAST NEOPLASMS, surgery/ FEMALE/ HUMAN/ IRELAND/ LACTATION/ MASTECTOMY/ MIDDLE AGE/ PREGNANCY/ *PREGNANCY COMPLICATIONS

2490. **Lyngset O, Velle W:** In vitro metabolism of oestrogens in liver tissue from domestic animals.
Acta Endocr (Kobenhavn) 59:682-8, Dec 68
ANIMAL EXPERIMENTS/ BIOTRANSFORMATION/ CATTLE/ CHROMATOGRAPHY, THIN LAYER/ DOGS/ *ESTRADIOL, metabolism/ *ESTRONE, metabolism/ FLUORESCENCE/ GOATS/ HORSES/ IN VITRO/ *LIVER, metabolism/ SHEEP/ SWINE

2491. **Lyons WR:** Human placental lactogen.
New Eng J Med 281:742-3, 25 Sep 69
ANIMAL EXPERIMENTS/ CROP, AVIAN, drug effects/ FEMALE/ HUMAN/ LACTATION, drug effects/ PIGEONS/

*PLACENTAL HORMONES, physiology/ PLACENTAL LACTOGEN, pharmacodynamics/ PLACENTAL LACTOGEN, physiology/ PREGNANCY/ RABBITS

M

2492. **Ma L, Lokls:** Some properties of lactate dehydrogenase in hydatidiform mole and normal placenta. Clin Chim Acta 25:263-7, Aug 69
ADULT/ CHEMISTRY/ DIAGNOSIS, DIFFERENTIAL/ DRUG STABILITY/ ELECTROPHORESIS/ ERYTHROCYTES, enzymology/ FEMALE/ GELS/ HEAT/ HUMAN/ HYDATIDIFORM MOLE, diagnosis/ *HYDATIDIFORM MOLE, enzymology/ HYDROGEN-ION CONCENTRATION/ LACTATE DEHYDROGENASE ISOENZYMES, blood/ *LACTATE DEHYDROGENASE ISOENZYMES, metabolism/ MIDDLE AGE/ *PLACENTA, enzymology/ PREGNANCY/ STARCH

2493. **Maas D:** Antikernafaktoren. Nachweis und klinisch-diagnostische Bedeutung. Med Klin 64:1302-7, 18 Jul 69 (54 ref.) (Ger)
ANTINUCLEAR FACTORS, analysis/ ARTHRITIS, RHEUMATOID, diagnosis/ *AUTOANTIBODIES, analysis/ *AUTOIMMUNE DISEASES, diagnosis/ CHRONIC DISEASE/ DERMATOMYOSITIS, diagnosis/ FLUORESCENT ANTIBODY TECHNIC/ HEPATITIS, diagnosis/ HUMAN/ HYDANTOINS, adverse effects/ HYDRALAZINE, adverse effects/ ISONIAZID, adverse effects/ LATEX FIXATION TESTS/ LE CELLS/ LUPUS ERYTHEMATOSUS, SYSTEMIC, diagnosis/ METHODS/ PERIARTERITIS NODOSA, diagnosis/ REVIEW/ SCLERODERMA, diagnosis/ SJOGREN'S SYNDROME, diagnosis/ THYMUS NEOPLASMS, immunology

2494. **Maas EV, Moore DP, Mason BJ:** Influence of calcium and magnesium on manganese absorption. Plant Physiol 44:796-800, Jun 69
*CALCIUM, metabolism/ *GRAIN, metabolism/ HYDROGEN-ION CONCENTRATION/ *MAGNESIUM, metabolism/ *MANGANESE, metabolism/ POTASSIUM, metabolism

2495. **Macadam RF, Vetters JM:** Fine structural evidence for hormone secretion by a human thymic tumour. J Clin Path 22:407-9, Jul 69
ADULT/ GLUCAGON, secretion/ HUMAN/ ISLANDS OF LANGERHANS, pathology/ MALE/ MICROSCOPY, ELECTRON/ *THYMOMA, metabolism/ *THYMOMA, pathology/ THYMUS GLAND, pathology/ THYMUS NEOPLASMS, metabolism/ *THYMUS NEOPLASMS, pathology

2496. **McBride WG:** Eine Serienmethode zur Ovulationshemmung unter Anwendung von Athinylöstradiol. Arzneimittelforschung 19:1271-3, Aug 69 (Ger)
BODY WEIGHT, drug effects/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ ETHINYL ESTRADIOL, administration & dosage/ ETHINYL ESTRADIOL, adverse effects/ *ETHINYL ESTRADIOL, pharmacodynamics/ FEMALE/ HUMAN/ LIBIDO, drug effects/ MEGESTROL, adverse effects/ MEGESTROL, pharmacodynamics/ METHODS/ MUSCLE CRAMP, chemically induced/ NAUSEA, chemically induced/ *OVULATION, drug effects/ *PREGNANES, pharmacodynamics/ *PROGESTATIONAL HORMONES, pharmacodynamics

2497. **McCally M, Piemme TE:** Non-neutrality of bed rest. New Eng J Med 281:743, 25 Sep 69
ARGININE, diagnostic use/ HUMAN/ *REST/ SOMATOTROPIN, blood/ *SOMATOTROPIN, secretion

2498. **McCarl RL, Margossian SS, Jackman LM, et al:** Characterization of rat heart myosin. II. Enzymatic properties. Biochemistry (Wash) 8:3659-64, Sep 69
ADENOSINE CYCLIC 3',5'-PHOSPHATE/ *ADENOSINE TRIPHOSPHATASE/ ADENOSINE TRIPHOSPHATE/ AMOBARBITAL/ ANIMAL EXPERIMENTS/ CALCIUM/ CHEMISTRY/ CHLORPROMAZINE/ GLYCOLS/ HYDROCORTISONE/ KINETICS/ MAGNESIUM/ *MUSCLE PROTEINS/ MUSCLES, enzymology/ *MYOCARDIUM, enzymology/ NOREPINEPHRINE/ OPTICAL ROTATORY DISPERSION/ PHENOBARBITAL/ RABBITS/ RATS/ THERMODYNAMICS

2499. **Macchia V, Meldolesi MF, Maselli P:** Effect of cyclic 3',5'-AMP on glucose metabolism in thyroid homogenates. Endocrinology 85:895-8, Nov 69
*ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, physiology/ ANIMAL EXPERIMENTS/ CARBON DIOXIDE, metabolism/ CARBON ISOTOPES/ CATTLE/ *GLUCOSE, metabolism/ IN VITRO/ NADP, pharmacodynamics/ STIMULATION, CHEMICAL/ THEOPHYLLINE, pharmacodynamics/ THYROID GLAND, drug effects/ *THYROID GLAND, metabolism

2500. **Macchioni P, Judica-Cordiglia A, Panataro C, et al:** Rilievi sfigmografici e reografici nella sindrome dell'arco aortico. Minerva Cardioangiol 16:491-5, Jun 68 (Ita)
ADULT/ *AORTIC ARCH SYNDROMES, physiopathology/ *ARTERIOSCLEROSIS, physiopathology/ *ARTERITIS/ ARTERITIS, drug therapy/ BLOOD PRESSURE DETERMINATION/ CORTISONE, therapeutic use/ *ELECTRODIAGNOSIS/ ELECTROSPHYGMOGRAPHY/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PLETHYSMOGRAPHY, IMPEDANCE/ PULSE/ *RHEOLOGY/ VASCULAR RESISTANCE

2501. **Macciotta A:** Nipiofarmacologia degli ormoni steroidei. Minerva Nipiol 17:204-38, Nov-Dec 67 (746 ref.) (Ita)
ALDOSTERONE, metabolism/ ALDOSTERONE, pharmacodynamics/ ALDOSTERONE, therapeutic use/ ALDOSTERONE, urine/ ANDROGENS, pharmacodynamics/ ANDROSTANES, pharmacodynamics/ DESOXYCORTICOSTERONE, metabolism/ DESOXYCORTICOSTERONE, therapeutic use/ ESTRADIOL, metabolism/ ESTRONE, metabolism/ FEMALE/ HUMAN/ HYDROCORTISONE, adverse effects/ HYDROCORTISONE, pharmacodynamics/ HYDROCORTISONE, therapeutic use/ HYPERBILIRUBINEMIA, drug therapy/ INFANT/ *INFANT, NEWBORN/ MATERNAL-FETAL EXCHANGE, drug effects/ POTASSIUM, metabolism/ PREGNANCY/ PROGESTERONE, metabolism/ RENIN, secretion/ REVIEW/ SEROTONIN, secretion/ SODIUM, metabolism/ *STEROIDS, pharmacodynamics/ TESTOSTERONE, pharmacodynamics

2502. **McCollum ST, Heaney SH:** Surgical treatment of goitre. Follow up of patients operated upon during the period 1956-1966. J Irish Med Ass 62:291-4, Aug 69
FEMALE/ FOLLOW-UP STUDIES/ *GOITER, surgery/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS

2503. **McCready VR:** The use of the gamma camera and rectilinear scanning for demonstrating organs other than the kidney. Brit J Urol Suppl:58-63, Aug 69
BONE DISEASES, diagnosis/ BRAIN DISEASES, diagnosis/ HUMAN/ LIVER DISEASES, diagnosis/ LUNG DISEASES, diagnosis/ *RADIOISOTOPE SCANNING/ TECHNETIUM, diagnostic use/ THYROID DISEASES, diagnosis

2504. **MacDermott RP, Greenberger NJ:** Evidence for a humoral factor influencing iron absorption. Gastroenterology 57:117-25, Aug 69
ANIMAL EXPERIMENTS/ FEMALE/ HEAT/ *HORMONES, blood/ *HORMONES, physiology/

INJECTIONS, INTRAVENOUS/ *INTESTINAL ABSORPTION/ INTESTINAL ABSORPTION, drug effects/ INTESTINE, SMALL, analysis/ IRON, analysis/ *IRON, metabolism/ IRON ISOTOPES/ PROTEIN BINDING/ PROTEIN DENATURATION/ RATS

2505. **McDonald JS**: Prevention of intramammary infection in dairy cattle during lactation: role of teat skin disinfection and milking unit sanitation.
Proc US Livestock Sanit Ass 72:97-100, 1968
*CATTLE DISEASES, prevention & control/ DAIRYING/ *DISINFECTANTS, pharmacodynamics/ GLYCERIN/ LACTATION/ *UDDER, drug effects

2506. **McDonald RK, Sollberger AR, Mueller PS, et al**: The effect of small doses of human ACTH on serum corticosteroid levels in man.
Proc Soc Exp Biol Med 131:1091-4, Sep 69
ADULT/ CLINICAL RESEARCH/ CORTICOTROPIN, administration & dosage/ *CORTICOTROPIN, pharmacodynamics/ CORTICOTROPIN, secretion/ DEXAMETHASONE, pharmacodynamics/ *GLUCOCORTICOIDS, blood/ HUMAN/ MALE/ MIDDLE AGE/ PITUITARY-ADRENAL SYSTEM

2507. **MacDonnell MF, Fessock L**: Disulfiram and brain-stimulated emotional behavior.
Quart J Stud Alcohol 30:719-23, Sep 69
*AFFECT, drug effects/ ANIMAL EXPERIMENTS/ *BRAIN, drug effects/ BRAIN, metabolism/ CATS/ *DISULFIRAM, pharmacodynamics/ ELECTRIC STIMULATION/ *HYPOTHALAMUS, physiology/ MOVEMENT, drug effects/ NOREPINEPHRINE, metabolism/ REACTION TIME, drug effects

2508. **McEwan J**: Oral contraceptives and hypetension.
Lancet 2:594, 13 Sep 69
ADULT/ *CONTRACEPTIVES, ORAL, adverse effects/ *ETHINYL ESTRADIOL, adverse effects/ FEMALE/ HUMAN/ HYPERTENSION, chemically induced/ *LYNESTRENOL, adverse effects

2509. **McFarland LZ, Lacy PB**: Physiologic and endocrinologic effects of the insecticide kepone in the Japanese quail.
Toxic Appl Pharmacol 15:441-50, Sep 69
ANIMAL EXPERIMENTS/ BIRDS/ BODY WEIGHT, drug effects/ *BRIDGED COMPOUNDS, toxicity/ CASTRATION/ CENTRAL NERVOUS SYSTEM, drug effects/ CLOACA, drug effects/ *ENDOCRINE GLANDS, drug effects/ ENDOCRINE GLANDS, physiology/ FEMALE/ HYPOPHYSECTOMY/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, drug effects/ *INSECTICIDES, toxicity/ LIVER, drug effects/ MALE/ ORGAN WEIGHT/ OVARY, drug effects/ OVARY, physiology/ OVIDUCTS, drug effects/ OVIDUCTS, pathology/ PITUITARY GLAND, physiology/ SEX FACTORS/ TESTIS, drug effects

2510. **McGiff JC, Terragno NA, Strand JC, et al**: Selective passage of prostaglandins across the lung.
Nature (London) 223:742-5, 16 Aug 69
ANIMAL EXPERIMENTS/ AORTA, drug effects/ BLOOD PRESSURE, drug effects/ DOGS/ INJECTIONS, INTRA-ARTERIAL/ INJECTIONS, INTRAVENOUS/ KIDNEY, blood supply/ *LUNG, metabolism/ MALE/ *PROSTAGLANDINS, metabolism/ PROSTAGLANDINS, pharmacodynamics/ REGIONAL BLOOD FLOW, drug effects

2511. **McGlone J**: An assessment of quinestrol in the inhibition of lactation. Practitioner 203:187-8, Aug 69
CLINICAL RESEARCH/ ETHYNODIOL DIACETATE, administration & dosage/ *ETHYNODIOL DIACETATE, pharmacodynamics/ FEMALE/ HUMAN/ *LACTATION, drug effects/ PLACEBOS

2512. **MacGregor RR, Mahler HR**: Subfractionation and polyacrylamide gel analysis of liver ribonucleic acid from normal and glucocorticoid-treated rats.
Biochemistry (Wash) 8:3036-49, Jul 69
ACRYLATES/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ *CELL NUCLEUS, metabolism/ *CYTOPLASM, metabolism/ ELECTROPHORESIS, DISK/ *ENDOPLASMIC RETICULUM, metabolism/ ENZYME INDUCTION/ LIVER, cytology/ *LIVER, metabolism/ MALE/ METHODS/ OROTIC ACID, metabolism/ RATS/ RIBONUCLEASE, antagonists & inhibitors/ *RIBOSOMES, metabolism/ RNA, biosynthesis/ RNA, isolation & purification/ *RNA, metabolism/ SPECTROPHOTOMETRY/ STIMULATION, CHEMICAL/ TIME FACTORS/ TRIAMCINOLONE, pharmacodynamics/ TRITIUM/ TRYPTOPHAN OXYGENASE, biosynthesis/ TYROSINE AMINOTRANSFERASE, biosynthesis/ ULTRAVIOLET RAYS

2513. **McGuire WL**: Hormonal stimulation of lactose synthetase in mammary carcinoma.
Science 165:1013-4, 5 Sep 69
*ADENOCARCINOMA, enzymology/ ANIMAL EXPERIMENTS/ ENZYME INDUCTION, drug effects/ FEMALE/ LACTATION/ *LACTOSE, metabolism/ MAMMAE, enzymology/ *MAMMARY NEOPLASMS, EXPERIMENTAL, enzymology/ NEOPLASM TRANSPLANTATION/ PERPHENAZINE, pharmacodynamics/ PITUITARY HORMONE RELEASING FACTORS, pharmacodynamics/ PREGNANCY/ *PROLACTIN, pharmacodynamics/ RATS/ *TRANSFERASES, biosynthesis

2514. **Mach J**: Sdružení Löfgrenova a Mikuliczova syndromu.
Vnitrni Lek 15:807-10, Aug 69 (Cze)
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ *ERYTHEMA NODOSUM, complications/ ERYTHEMA NODOSUM, radiography/ FEMALE/ HUMAN/ *LUNG NEOPLASMS, complications/ LUNG NEOPLASMS, radiography/ *LYMPHOMA, complications/ *MIKULICZ' DISEASE, complications/ PREDNISONE, therapeutic use/ SIALOGRAPHY

2515. **Machado CR, Machado AB, Wragg LE**: Circadian serotonin rhythm control: sympathetic and nonsympathetic pathways in rat pineals of different ages. Endocrinology 85:846-8, Nov 69
AGE FACTORS/ ANIMAL EXPERIMENTS/ *CIRCADIAN RHYTHM/ DARKNESS/ FEMALE/ LIGHT/ MALE/ PINEAL BODY, innervation/ *PINEAL BODY, physiology/ RATS/ *SEROTONIN, metabolism/ SYMPATHECTOMY/ *SYMPATHETIC NERVOUS SYSTEM, physiology

2516. **Machino A, Nakano H, Tamaoki B**: Influence of physical and chemical treatments upon the microsomal enzymes of testes related to androgen biosynthesis. Endocr Jap 16:37-46, Feb 69
ACETONE/ ALCOHOLS/ *ANDROGENS, biosynthesis/ ANIMAL EXPERIMENTS/ BIOCHEMISTRY/ CARBON ISOTOPES/ CHROMATOGRAPHY, THIN LAYER/ DETERGENTS/ FREEZING/ HYDROXYSTEROID DEHYDROGENASE/ IN VITRO/ MALE/ *MICROSOMES, enzymology/ PHOSPHOLIPASE/ PRECIPITATION/ PREGNENOLONE/ PROTEINS/ RATS/ SOUND/ *TESTIS, enzymology/ TESTOSTERONE, biosynthesis/ TIME FACTORS/ ULTRASONICS

2517. **McHugh WB, Yatvin MB**: Effects of cortisone on thyroidal iodine uptake in hypophysectomized, nephrectomized rats.
Proc Soc Exp Biol Med 131:1417-9, Sep 69
ANIMAL EXPERIMENTS/ *CORTISONE, pharmacodynamics/ HYPOPHYSECTOMY/ IODIDES, metabolism/ *IODINE, metabolism/ IODINE ISOTOPES/ MALE/ NEPHRECTOMY/ RATS/ STIMULATION, CHEMICAL/ THYROID GLAND, drug effects/ *THYROID GLAND, metabolism

2518. Maciejewski J, Bittner K: Zaburzenia gospodarki wapniowo-fosforanowej w zespole Turnera współistniejącym z krzywicą.
Pol Tyg Lek 24:1010-1, 30 Jun 69 (Pol)
*CALCIUM METABOLISM DISORDERS, etiology/ CASE REPORT/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *PHOSPHATES, metabolism/ *RICKETS, complications/ *TURNER'S SYNDROME, complications/ VITAMIN D DEFICIENCY, complications

2519. MacIlwain H: Ion movements in isolated preparations from the mammalian brain.
Progr Brain Res 29:273-81, 1968 (35 ref.)
ANIMAL EXPERIMENTS/ *BIOLOGICAL TRANSPORT/ *BRAIN, metabolism/ CALCIUM, metabolism/ *CELL MEMBRANE PERMEABILITY/ CEREBRAL CORTEX, metabolism/ CHLORIDES, metabolism/ DIFFUSION/ ELECTRIC STIMULATION/ IN VITRO/ LIMBIC SYSTEM/ MEMBRANE POTENTIALS/ NEURAL TRANSMISSION/ POTASSIUM, metabolism/ RABBITS/ RATS/ REVIEW/ SODIUM, metabolism

2520. McIntosh EN, Salhanick HA: The effect of steroid hydroxylase inhibitors on the rate of reduction of adrenal mitochondrial cytochrome P-450.
Biochem Biophys Res Commun 36:552-8, 15 Aug 69
ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, metabolism/ AMINOGLUTETHIMIDE, pharmacodynamics/ ANILINE COMPOUNDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ BUTANONES, pharmacodynamics/ CATTLE/ *CYTOCHROMES, metabolism/ DEPRESSION, CHEMICAL/ *HYDROXYLASES, antagonists & inhibitors/ KINETICS/ MALATES, metabolism/ MALATES, pharmacodynamics/ METYRAPONE, pharmacodynamics/ MITOCHONDRIA, drug effects/ *MITOCHONDRIA, metabolism/ SPECTROPHOTOMETRY/ STEROIDS/ STIMULATION, CHEMICAL

2521. Mack E, Wyler DJ, Egdahl RH: Adrenal microcirculation in hemorrhagic shock.
Surg Gynec Obstet 129:511-8, Sep 69
*ADRENAL GLANDS, blood supply/ ADRENAL GLANDS, physiology/ ADRENAL GLANDS, physiopathology/ ADRENAL GLANDS, secretion/ ANIMAL EXPERIMENTS/ BLOOD CIRCULATION/ CONSTRICTION/ DOGS/ 17-HYDROXYCORTICOSTEROIDS, secretion/ HYPOTENSION, chemically induced/ *HYPOTENSION, physiopathology/ PERFUSION/ SHOCK, HEMORRHAGIC, chemically induced/ *SHOCK, HEMORRHAGIC, physiopathology/ SILICONES

2522. McKean WI, Dixon SR, Braidwood JL, et al: A one-day test for measuring renal function.
New Zeal Med J 69:337-41, Jun 69
ADOLESCENCE/ ADULT/ AMMONIA, urine/ CHILD/ CREATININE, urine/ FEMALE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ KIDNEY CONCENTRATING ABILITY/ KIDNEY DISEASES, diagnosis/ *KIDNEY FUNCTION TESTS/ MALE/ METHODS/ MIDDLE AGE/ PHENOLPHTHALEINS, diagnostic use/ UREA, blood/ URINARY TRACT INFECTIONS, diagnosis/ URINE/ VASOPRESSIN, diagnostic use

2523. McKegney FP, Levitin H: Fractitious hyperthyroidism. Report of a case. Conn Med 33:263-6, Apr 69
ADULT/ *DRUG ABUSE/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, chemically induced/ *PSYCHOPHYSIOLOGIC DISORDERS

2524. McKelvie IJ, Edwards LR: Gaucher's disease: report of a case. Med J Aust 2:297-9, 9 Aug 69
AGED/ BONE AND BONES, pathology/ BONE MARROW, pathology/ FEMALE/ *GAUCHER'S DISEASE, diagnosis/ GAUCHER'S DISEASE, pathology/ HUMAN/ LIVER, pathology/ SPLEEN, pathology

2525. McKenzie JK, Montgomerie JZ: Renin-like activity in the plasma of anephric men.
Nature (London) 223:1156, 13 Sep 69
ADULT/ FEMALE/ HEMODIALYSIS/ HUMAN/ HYDROGEN-ION CONCENTRATION/ MALE/ MIDDLE AGE/ *NEPHRECTOMY/ *RENIN, blood/ RENIN, metabolism

2526. McKenzie JM: The pathogenesis of hyperthyroidism.
Triangle 9:2-8, 1969
ADENINE NUCLEOTIDES, metabolism/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ *GOITER, EXOPHTHALMIC, etiology/ HUMAN/ *LONG-ACTING THYROID STIMULATOR, blood/ RABBITS

2527. McKhann CF: Primary malignancy in patients undergoing immunosuppression for renal transplantation. Transplantation 8:209-12, Aug 69
ADULT/ CARCINOMA, chemically induced/ CARCINOMA, occurrence/ CARCINOMA, EPIDERMOID, chemically induced/ CARCINOMA, EPIDERMOID, occurrence/ DISGERMINOMA, chemically induced/ DISGERMINOMA, occurrence/ FEMALE/ HUMAN/ *IMMUNOSUPPRESSIVE AGENTS, adverse effects/ *KIDNEY, transplantation/ LEUKEMIA, chemically induced/ LEUKEMIA, occurrence/ LYMPHOSARCOMA, chemically induced/ LYMPHOSARCOMA, occurrence/ MALE/ *NEOPLASMS, chemically induced/ *NEOPLASMS, occurrence/ PLASMACYTOMA, chemically induced/ PLASMACYTOMA, occurrence/ SARCOMA, RETICULUM CELL, chemically induced/ SARCOMA, RETICULUM CELL, occurrence

2528. McKie BD: Postoperative vomiting: the effects of premedication, anaesthetic and oxytocic drugs.
Med J Aust 1:1236-8, 14 Jun 69
*ABORTION, surgery/ ADOLESCENCE/ ADULT/ ATROPINE/ CERVIX UTERI/ CURETTAGE/ CYCLOPROPANE/ DILATATION/ *ERGONOVINE, pharmacodynamics/ FEMALE/ HUMAN/ MEPERIDINE/ MIDDLE AGE/ MORPHINE/ NAUSEA, prevention & control/ NITROUS OXIDE/ OXYGEN/ *OXYTOCIN, pharmacodynamics/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *PREANESTHETIC MEDICATION/ PREGNANCY/ THIOPENTAL/ UTERINE HEMORRHAGE, prevention & control/ *UTERUS, surgery/ *VOMITING, prevention & control

2529. McKinney GR, Stavely HE: Endocrine activities of some novel steroids. Steroids 14:91-5, Aug 69
ACETATES, pharmacodynamics/ ANDROGENS, antagonists & inhibitors/ ANDROGENS, pharmacodynamics/ ANIMAL EXPERIMENTS/ CHEMISTRY/ ESTROGENS, antagonists & inhibitors/ ESTRONE, pharmacodynamics/ FEMALE/ FERTILITY, drug effects/ GONADOTROPINS, antagonists & inhibitors/ MALE/ MICE/ ORGAN WEIGHT/ PROGESTATIONAL HORMONES, pharmacodynamics/ PROGESTERONE, pharmacodynamics/ RABBITS/ RATS/ *STEROIDS, pharmacodynamics/ TESTOSTERONE, pharmacodynamics/ UTERUS, drug effects

2530. Maclean N: Sex chromatin in testicular teratomas.
Lancet 2:494, 30 Aug 69
HUMAN/ MALE/ *SEX CHROMATIN/ TERATOID TUMOR, classification/ *TERATOID TUMOR, familial & genetic/ TESTICULAR NEOPLASMS, classification/ *TESTICULAR NEOPLASMS, familial & genetic

2531. MacLeod RM: Influence of norepinephrine and catecholamine-depleting agents on the synthesis and release of prolactin and growth hormone.
Endocrinology 85:916-23, Nov 69
ANIMAL EXPERIMENTS/ DEPRESSION, CHEMICAL/ ELECTROPHORESIS, DISK/ EPINEPHRINE, pharmacodynamics/ ESTRUS/ IN VITRO/ LEUCINE, metabolism/ MANDELIC ACID, pharmacodynamics/ *METHYLTYROSINES, pharmacodynamics/ *NOREPINEPHRINE, pharmacodynamics/

PHENETHYLAMINES, pharmacodynamics/ PITUITARY GLAND, drug effects/ *PITUITARY GLAND, metabolism/ PROLACTIN, biosynthesis/ *PROLACTIN, metabolism/ PROLACTIN, secretion/ RATS/ *RESERPINE, pharmacodynamics/ SOMATOTROPIN, biosynthesis/ *SOMATOTROPIN, metabolism/ SOMATOTROPIN, secretion/ STIMULATION, CHEMICAL/ TRITIUM

2532. **McLoughlin DK**: The influence of dexamethasone on attempts to transmit Eimeria meleagrimitis to chickens and E. tenella to turkeys.
J Protozool 16:145-8, Feb 69
ANIMAL EXPERIMENTS/ CHICKENS/ *COCCIDIOSIS/ *DEXAMETHASONE, pharmacodynamics/ EIMERIA, drug effects/ *EIMERIA, pathogenicity/ INJECTIONS, INTRAMUSCULAR/ *POULTRY DISEASES, etiology/ TURKEYS

2533. **McNair MM, Boyle JA, Buchanan WW, et al**: A clinical and radiological study of rheumatoid arthritis with a note on the findings in osteoarthrosis. I. The shoulder joint. Clin Radiol 20:269-77, Jul 69
ARTHRITIS, RHEUMATOID, physiopathology/ *ARTHRITIS, RHEUMATOID, radiography/ HUMAN/ HUMERUS, radiography/ MOVEMENT/ OSTEOARTHRITIS, physiopathology/ *OSTEOARTHRITIS, radiography/ OSTEOPOROSIS, radiography/ SHOULDER, physiopathology/ *SHOULDER, radiography/ SHOULDER JOINT

2534. **McNair SL, Stickler GB**: Growth in familial hypophosphatemic vitamin-D-resistant rickets.
New Eng J Med 281:512-6, 4 Sep 69
ADOLESCENCE/ ADULT/ ALKALINE PHOSPHATASE, blood/ ARM, growth & development/ BODY HEIGHT/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ *GROWTH/ GROWTH DISORDERS, etiology/ HUMAN/ *HYPOPHOSPHATEMIA, FAMILIAL, complications/ INFANT/ LEG, abnormalities/ LEG, growth & development/ MALE/ PHOSPHATES, blood/ RICKETS, complications/ RICKETS, drug therapy/ RICKETS, enzymology/ *RICKETS, familial & genetic/ RICKETS, surgery/ SEX FACTORS/ VITAMIN D, adverse effects/ *VITAMIN D, therapeutic use

2535. **McNeil C, Ladle JN, Helmick WM, et al**: An antiserum to ovarian mucinous cyst fluid with colon cancer specificity. Cancer Res 29:1535-40, Aug 69
ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS/ BREAST NEOPLASMS, immunology/ *CARCINOMA, MUCINOUS, immunology/ *COLONIC NEOPLASMS, immunology/ CULTURE MEDIA/ *CYSTADENOMA, MUCINOUS, immunology/ FEMALE/ GEL DIFFUSION TESTS/ *IMMUNE SERUMS/ LUNG NEOPLASMS, immunology/ METHODS/ *OVARIAN NEOPLASMS, immunology/ RABBITS/ STOMACH NEOPLASMS, immunology

2536. **McNeill JH, Barnes RV, Davis RS, et al**: The effect of vasodilator drugs on the noradrenaline constrictor response in the isolated mesenteric artery.
Canad J Physiol Pharmacol 47:663-9, Aug 69
ANIMAL EXPERIMENTS/ CALCIUM, pharmacodynamics/ COCAINE, pharmacodynamics/ CONSTRICTION, drug effects/ DIAZOXIDE, pharmacodynamics/ DOGS/ ISOPROTERENOL, pharmacodynamics/ *MESENTERIC ARTERIES, drug effects/ NITRITES, pharmacodynamics/ *NOREPINEPHRINE, antagonists & inhibitors/ PERFUSION/ PHENTOLAMINE, pharmacodynamics/ PRESSURE/ RECEPTORS, DRUG, drug effects/ SODIUM, pharmacodynamics/ THEOPHYLLINE, pharmacodynamics/ *VASODILATOR AGENTS, pharmacodynamics/ VASOPRESSIN, pharmacodynamics

2537. **MacSween RN**: Hepatic sepsis after liver transplantation in dogs and pigs.
Arch Path (Chicago) 88:166-70, Aug 69
ANIMAL EXPERIMENTS/ ANTILYMPHOCYTE SERUM, therapeutic use/ AZATHIOPRINE, therapeutic use/ CHOLANGITIS, etiology/ DOGS/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ *INFECTION, etiology/ INFLAMMATION/ LIVER, pathology/ LIVER, surgery/ *LIVER, transplantation/ *LIVER DISEASES, etiology/ *POSTOPERATIVE COMPLICATIONS/ PREDNISONE, therapeutic use/ SWINE/ TRANSPLANTATION, AUTOLOGOUS/ TRANSPLANTATION, HOMOLOGOUS/ TRANSPLANTATION IMMUNOLOGY

2538. **Maddy JA, Winternitz WW, Norrel H, et al**: Acromegaly: treatment by cryoablation.
Ann Intern Med 71:497-505, Sep 69
ACROMEGALY, blood/ ACROMEGALY, etiology/ *ACROMEGALY, surgery/ ADENOMA, surgery/ *CRYOGENIC SURGERY/ FEMALE/ HUMAN/ *HYPOPHYSECTOMY/ HYPOPITUITARISM, etiology/ MALE/ PITUITARY GLAND, physiology/ PITUITARY NEOPLASMS, surgery/ POSTOPERATIVE COMPLICATIONS/ SOMATOTROPIN, blood/ STEREOTAXIC TECHNICS

2539. **Madyastha PB, Parks LW**: The effect of cultural conditons on the ergosterol ester components of yeast. Biochim Biophys Acta 176:858-62, 10 Jun 69
CARBON ISOTOPES/ CHROMATOGRAPHY, GAS/ ESTERS, biosynthesis/ FATTY ACIDS, NONESTERIFIED, metabolism/ METHIONINE, metabolism/ OLEIC ACID, metabolism/ OXYGEN, pharmacodynamics/ PALMITIC ACID, metabolism/ SACCHAROMYCES, drug effects/ *SACCHAROMYCES, metabolism/ STEARIC ACID, metabolism/ *VITAMIN D, metabolism

2540. **Maeda H, Ishida N, Kawauchi H, et al**: Reaction of fluorescein-isothiocyanate with proteins and amino acids. I. Covalent and non-covalent binding of fluorescein-isothiocyanate and fluorescein to proteins. J Biochem (Tokyo) 65:777-83, May 69
*AMINO ACIDS/ CHEMISTRY/ ELECTROPHORESIS/ *FLUORESCEINS/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ INDICATORS AND REAGENTS/ INSULIN/ MURAMIDASE/ OVALBUMIN/ *PROTEINS/ SERUM ALBUMIN/ SPECTRUM ANALYSIS/ *THIOCYANATES/ TIME FACTORS

2541. **Maes F, Lapière CM**: Un cas de syndrome de sécheresse des muqueuses sans maladie de Sjogren.
Arch Belg Derm Syph 24:203-6, 1968 (Fre)
ADRENAL CORTEX HORMONES, adverse effects/ ENGLISH ABSTRACT/ MOUTH MUCOSA/ PAROTID GLAND, pathology/ *SJOGREN'S SYNDROME, diagnosis/ *XEROSTOMIA, chemically induced

2542. **Maeyama M, Matuoka H, Tuchida Y, et al**: Metabolism of neutral steroids in the human fetus. I. Distribution of radioactive material in the previable human fetus after administration of progesterone-4-14C.
Steroids 14:144-50, Aug 69
ADRENAL GLANDS, analysis/ BRAIN CHEMISTRY/ CARBON ISOTOPES/ FEMALE/ *FETUS, metabolism/ GESTATIONAL AGE/ HUMAN/ KIDNEY, analysis/ LIVER, analysis/ LUNG, analysis/ MALE/ PREGNANCY/ PREGNANEDIOL, metabolism/ PROGESTERONE, administration & dosage/ PROGESTERONE, analysis/ *PROGESTERONE, metabolism/ TIME FACTORS/ TISSUE EXTRACTS, analysis/ UMBILICAL VEINS

2543. **Magargal LE, Magargal H, Reidenberg MM**: Effect of steroid hormones on the parathyroid hormone dose-response curve.
J Pharmacol Exp Ther 169:138-41, Sep 69
ANIMAL EXPERIMENTS/ CALCIUM, blood/ *ESTRADIOL, pharmacodynamics/ FEMALE/ *METHYLPREDNISOLONE, pharmacodynamics/ PARATHYROID HORMONE, administration & dosage/ *PARATHYROID HORMONE,

metabolism/ RATS/ *TESTOSTERONE, pharmacodynamics

2544. **Mahaux JE, Chamla-Soumenkoff J, Delcourt R, et al:** The effect of triiodothyronine on cervical lymphoid structures, thyroid activity, IgG and IgM immunoglobulin level and exophthalmos in Graves' disease. Acta Endocr (Kobenhavn) 61:400-6, Jul 69
*EXOPHTHALMOS, drug therapy/ *GAMMA GLOBULIN, 7S, analysis/ *GAMMA GLOBULIN, 19S, analysis/ GOITER, EXOPHTHALMIC, drug therapy/ GOITER, EXOPHTHALMIC, physiopathology/ HUMAN/ LONG-ACTING THYROID STIMULATOR, blood/ *LYMPH NODES, drug effects/ PROTEIN-BOUND IODINE TEST/ THYROID GLAND, drug effects/ *TRIIODOTHYRONINE, pharmacodynamics

2545. **Mahler RJ, Szabo O:** Early insulin synergistic activity of growth hormone. Diabetes 18:550-5, Aug 69
ANIMAL EXPERIMENTS/ BLOOD SUGAR, analysis/ CORTICOTROPIN, diagnostic use/ DIAPHRAGM, metabolism/ DRUG SYNERGISM/ GLUCAGON, diagnostic use/ GLUCOSE, metabolism/ GLYCOGEN, analysis/ HYPOGLYCEMIA, chemically induced/ *INSULIN, metabolism/ IODINE ISOTOPES/ KIDNEY, metabolism/ LIVER, metabolism/ RATS/ *SOMATOTROPIN, pharmacodynamics

2546. **Mahlum DD, Sikov MR:** Comparative metabolism of 137Cs by adult, suckling and prenatal rats.
Comp Biochem Physiol 30:169-75, 1 Jul 69
AGE FACTORS/ AMNIOTIC FLUID/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ BONE AND BONES, metabolism/ CESIUM, blood/ *CESIUM, metabolism/ CESIUM ISOTOPES/ CHLORIDES/ FEMALE/ *FETUS, metabolism/ KIDNEY, metabolism/ LARYNX, metabolism/ LIVER, metabolism/ MALE/ *MATERNAL-FETAL EXCHANGE/ MUSCLES, metabolism/ *PLACENTA, metabolism/ PREGNANCY/ TIME FACTORS/ TRACHEA, metabolism

2547. **Maier JG, Perry RH, Saylor W, et al:** Radiation myelitis of the dorsolumbar spinal cord.
Radiology 93:153-60, Jul 69
ADULT/ COBALT ISOTOPES/ HUMAN/ MALE/ *MYELITIS, etiology/ *RADIOTHERAPY, adverse effects/ RADIOTHERAPY DOSAGE/ *SPINAL CORD, radiation effects/ *TESTICULAR NEOPLASMS, radiotherapy/ TIME FACTORS

2548. **Maier-Borst W, Sinn H:** 18F-Komplexverbindungen für die Knochenszintigraphie.
Nuclearmedizin 7:396-401, 31 Dec 68 (Ger)
ALUMINUM, metabolism/ ANIMAL EXPERIMENTS/ *BONE AND BONES/ BONE AND BONES, metabolism/ ENGLISH ABSTRACT/ *FLUORINE/ FLUORINE, metabolism/ FLUOROCARBON POLYMERS/ IRON ISOTOPES, metabolism/ *RADIOISOTOPE SCANNING, instrumentation/ RATS

2549. **Mailer C:** Gargoylism associated with optic atrophy.
Canad J Ophthal 4:266-71, Jul 69
BLINDNESS, etiology/ CORNEA, metabolism/ CORNEA, pathology/ DWARFISM, etiology/ ELECTRORETINOGRAPHY/ HUMAN/ HYDROCEPHALUS, diagnosis/ INFANT/ *LIPOCHONDRODYSTROPHY, complications/ LIPOCHONDRODYSTROPHY, diagnosis/ LIPOCHONDRODYSTROPHY, pathology/ MALE/ MENTAL RETARDATION, etiology/ MUCOPOLYSACCHARIDES, metabolism/ *OPTIC ATROPHY, etiology/ RETINAL PIGMENTS

2550. **Maillet P, Papillon J, Guinet P:** Double cancer thyroïdien et mammaire vingt-huit ans après irradiation néo-natale.
Mem Acad Chir (Paris) 93:543-6, 1967 (Fre)
ADULT/ *BREAST NEOPLASMS/ FEMALE/ HUMAN/ *RADIATION INJURY, complications/ *THYROID NEOPLASMS

2551. **Mailloux M, Weinman J, Weinman S:** Synthèse et spectre infrarouge dans la région 3 650-3 600 cm-1 de quelques hydroxy-7 androstanes.
Bull Soc Chim France 2:617-21, Feb 69 (Fre)
*ANDROSTANES/ ANDROSTANES, chem synthesis/ CHEMISTRY/ INFRARED RAYS/ SPECTRUM ANALYSIS

2552. **Mainwaring WI:** The binding of (1,2-3H)testosterone within nuclei of the rat prostate.
J Endocr 44:323-33, Jul 69
ANIMAL EXPERIMENTS/ *CELL NUCLEUS, metabolism/ CHROMATOGRAPHY/ DIALYSIS/ MALE/ NUCLEOPROTEINS, isolation & purification/ PROSTATE, cytology/ *PROSTATE, metabolism/ PROTEIN BINDING/ PROTEINS, isolation & purification/ RATS/ RECEPTORS, DRUG/ *TESTOSTERONE, metabolism/ TISSUE EXTRACTS/ TRITIUM/ TRYPSIN

2553. **Majcherski T, Wilk-Wilczyńska M, Omulecki A:** Ektodermale Dysplasie mit "Vogelgesicht", cataracta, congenita, Schädelanomalien und Nanismus.
Kinderaerztl Prax 36:553-9, Dec 68 (Ger)
*CATARACT, congenital/ *DWARFISM, complications/ HUMAN/ INFANT/ MALE/ *MICROGNATHISM, complications/ *SKULL, abnormalities

2554. **Majima E, Gamou T, Saito T, et al:** [Autopsy case of acute leukemia with marked generalized osteoporosis] Jap J Clin Med 27:1279-89, Apr 69 (Jap)
ACUTE DISEASE/ CHILD/ HUMAN/ LEUKEMIA, complications/ LEUKEMIA, pathology/ *LEUKEMIA, pathology/ MALE/ *OSTEOPOROSIS, complications/ OSTEOPOROSIS, pathology

2555. **Majno G, Shea SM, Leventhal M:** Endothelial contraction induced by histamine-type mediators: an electron microscopic study.
J Cell Biol 42:647-72, Sep 69
ANIMAL EXPERIMENTS/ *BLOOD VESSELS, drug effects/ *BRADYKININ, pharmacodynamics/ CAPILLARY PERMEABILITY/ CELL NUCLEUS/ CYTOPLASM/ *EPITHELIUM, cytology/ *HISTAMINE, pharmacodynamics/ MALE/ MICROSCOPY, ELECTRON/ *MUSCLE CONTRACTION/ *MUSCLE, SMOOTH, physiology/ RATS/ *SEROTONIN, pharmacodynamics/ TIME FACTORS

2556. **Makar DA, Barvinskiĭ SR, Urin VM:** Belkovosviazannyĭ iod v syvorotke krovi i rol' stressorov v vozniknovenii posleoperatsionnykh tireotoksicheskikh reaktsiĭ.
Klin Khir (Kiev) 2:46-9, Feb 67 (Rus)
ADULT/ FEMALE/ *GOITER, EXOPHTHALMIC, surgery/ HUMAN/ *HYPERTHYROIDISM, etiology/ *IODINE, blood/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS, etiology/ PROTEIN BINDING/ *VASOCONSTRICTOR AGENTS, metabolism

2557. **Makarov AIu, Levin EA:** Opredelenie serotonina v krovi i spinnomozgovoĭ zhidkosti modifitsirovannym fliurometricheskim metodom.
Lab Delo 12:722-5, 1967 (Rus)
BRAIN DISEASES, blood/ BRAIN INJURY, ACUTE, blood/ *FLUOROMETRY, instrumentation/ HUMAN/ METHODS/ *SEROTONIN, blood/ *SEROTONIN, cerebrospinal fluid

2558. **Maki T, Nakamura N:** Histochemical study on mucopolysaccharides in calcium bilirubinate gallstones. Tohoku J Exp Med 98:81-6, May 69
*BILIRUBIN, metabolism/ *CALCIUM, metabolism/ *CHOLELITHIASIS, metabolism/ HISTOCYTOCHEMISTRY/ HUMAN/ *MUCOPOLYSACCHARIDES, metabolism/ RESINS/ STAINS AND STAINING

2559. **Mäkinen KK:** Observations on the chemical reaction between bone tissue and Chlorazol Fast Pink BK.
J Histochem Cytochem 17:280-90, Apr 69
*BONE AND BONES/ CELLULOSE/ CHEMISTRY/ CHROMATOGRAPHY, THIN

LAYER/ COLLAGEN/ DIAZONIUM COMPOUNDS/ *DYES/ FETUS/ GEL FILTRATION/ HUMAN/ METHODS/ PEPTIDE PEPTIDOHYDROLASES/ SKIN/ TEMPERATURE

2560. **Makowska R, Gdakowicz B**: Przewlekla miopatia na tle nadczynności tarczycy leczona z dobrym wynikiem.
Przegl Lek 25:492-3, 24 Jun 69 (Pol)
CASE REPORT/ ENGLISH ABSTRACT/ HUMAN/ *HYPERTHYROIDISM, complications/ MALE/ MIDDLE AGE/ MUSCULAR DISEASES, drug therapy/ *MUSCULAR DISEASES, etiology/ *THYROID ANTAGONISTS, therapeutic use

2561. **Maksimov SV, Laskavaia AI**: Kontsentratsiia 17-oksikortikosteroidov v plazme krovi i soderzhanie askorbinovoi kisloty v nadpochechniakh morskikh svinok posle vvedeniia khloristgo margantsa.
Probl Endokr (Moskva) 14:59-64, May-Jun 68 (Rus)
ADRENAL GLANDS, analysis/ *ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ *ASCORBIC ACID, analysis/ ENGLISH ABSTRACT/ GUINEA PIGS/ *17-HYDROXYCORTICOSTEROIDS, blood/ *MANGANESE, pharmacodynamics

2562. **Malan A**: Controle hypothalamique de la thermorégulation et de l'hibernation chez le hamster d'Europe Cricetus cricetus.
Arch Sci Physiol (Paris) 23:47-87, 1969 (Fre)
ANIMAL EXPERIMENTS/ BODY TEMPERATURE/ *BODY TEMPERATURE REGULATION/ BODY WEIGHT/ COLD/ COLON/ EPINEPHRINE, urine/ HAMSTERS/ HEAT/ *HIBERNATION/ 17-HYDROXYCORTICOSTEROIDS, urine/ *HYPOTHALAMUS, physiology/ HYPOTHALAMUS, surgery/ MALE/ MOTOR ACTIVITY/ NOREPINEPHRINE, urine/ OXYGEN CONSUMPTION/ SEASONS/ STATISTICS/ TIME FACTORS

2563. **Malcolm LA**: Growth and development of the Kalapit children of the Markham Valley, New Guinea.
Amer J Phys Anthrop 31:39-51, Jul 69
ADOLESCENCE/ ADULT/ AGE DETERMINATION BY TEETH/ BODY HEIGHT/ BODY WEIGHT/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ *GROWTH/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ NEW GUINEA/ PUBERTY/ SKINFOLD THICKNESS/ TOOTH ERUPTION

2564. **Malina RM**: Quantification of fat, muscle and bone in man. Clin Orthop 65:9-38, Jul-Aug 69 (177 ref.)
*ADIPOSE TISSUE, analysis/ ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ AGING/ ANTHROPOMETRY/ ARM/ *BODY COMPOSITION/ BODY FLUIDS, analysis/ BODY WEIGHT/ *BONE AND BONES, analysis/ CAUCASIAN RACE/ CHILD/ CHILD, PRESCHOOL/ DENSITOMETRY/ DENSITOMETRY, X-RAY/ FEMALE/ FETUS/ GROWTH/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ MIDDLE AGE/ MINERALS, analysis/ MODELS, BIOLOGIC/ *MUSCLES, analysis/ MUSCLES, radiography/ NEGROID RACE/ POTASSIUM, analysis/ REVIEW/ SEX FACTORS/ THIGH/ WATER, analysis

2565. **Malis I, Cooper JF, Wolever TH**: Breast radiation in patients with carcinoma of the prostate.
J Urol 102:336-7, Sep 69
BREAST, radiation effects/ DIETHYLSTILBESTROL, therapeutic use/ ESTROGENS, adverse effects/ GYNECOMASTIA, chemically induced/ *GYNECOMASTIA, prevention & control/ GYNECOMASTIA, radiotherapy/ HUMAN/ MALE/ *PROSTATIC NEOPLASMS, drug therapy

2566. **Malven PV, Francis RP**: Structural luteolysis of induced corpora lutea in "androgen-sterilized" rats.
Anat Rec 165:55-60, Sep 69
ANIMAL EXPERIMENTS/ CASTRATION/ CORPUS LUTEUM, anatomy & histology/ *CORPUS LUTEUM, drug effects/ ESTRADIOL, pharmacodynamics/ FEMALE/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ ORGAN WEIGHT/ OVARY, anatomy & histology/ OVARY, physiology/ OVULATION/ *PROLACTIN, pharmacodynamics/ RATS/ RESERPINE, pharmacodynamics/ *TESTOSTERONE, pharmacodynamics

2567. **Manani G, Gritti G, Vecchini L, et al**: Sulle proprietà curarizzanti di un nuovo farmaco: il pancuronium (Org. NA 97). (Rilievi elettromiografici)
Acta Anaesth (Padova) 19:Suppl 4:217+, 1968 (Ita)
ANIMAL EXPERIMENTS/ DOGS/ ELECTROMYOGRAPHY/ ENGLISH ABSTRACT/ *MUSCLE RELAXANTS, pharmacodynamics/ *MUSCLES, drug effects/ *NEUROMUSCULAR JUNCTION, drug effects/ *PIPERIDINES, pharmacodynamics/ STEROIDS, pharmacodynamics

2568. **Manchon P, Lowy R**: Influence de quelques colorants azoïques sur certaines voies du métabolisme anaérobie. Food Cosmet Toxic 6:439-48, Dec 68 (Fre)
ANIMAL EXPERIMENTS/ AZO COMPOUNDS, analysis/ *AZO COMPOUNDS, metabolism/ CORTISONE, metabolism/ CORTISONE, pharmacodynamics/ DYES, analysis/ *DYES, metabolism/ ENGLISH ABSTRACT/ FLUORIDES/ GLUCONEOGENESIS, drug effects/ GLYCOLYSIS, drug effects/ HEXOSES, analysis/ IN VITRO/ LACTATES, analysis/ LIVER, analysis/ LIVER, enzymology/ *LIVER, metabolism/ *MONOSACCHARIDES, analysis/ NADP, metabolism/ OXIDATION-REDUCTION/ OXIDOREDUCTASES, metabolism/ PENTOSES, analysis/ RATS

2569. **Manigand G, Delarue R, Foulon D, et al**: Hypercalcémie et anomalies électroencéphalographiques. A propos d'une observation de maladie de Kahler avec hypercalcémie.
Sem Hop Paris 45:2026-30, 20 Jun 69 (Fre)
AGED/ BONE RESORPTION/ *ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ *HYPERCALCEMIA, complications/ HYPERCALCEMIA, drug therapy/ HYPERCALCEMIA, etiology/ *MULTIPLE MYELOMA, complications/ MULTIPLE MYELOMA, physiopathology/ PHOSPHATES, therapeutic use/ SKULL, radiography

2570. **Mann TP**: Infantile hypercalcaemic syndrome (without hypercalcaemia). Proc Roy Soc Med 62:328, Apr 69
CALCIUM, blood/ CHILD/ FEMALE/ HUMAN/ *HYPERCALCEMIA, complications/ INFANT/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ MENTAL RETARDATION, etiology/ PYLORIC STENOSIS, complications/ SKULL, radiography

2571. **Männchen E, Meng W**: Untersuchungen zur Registrierung und Bewertung des Achillessehnenreflexes im Rahmen der Schilddrüsendiagnostik.
Z Ges Inn Med 24:301-6, 15 May 69 (Ger)
*ACHILLES TENDON/ ELECTROPHYSIOLOGY/ ENGLISH ABSTRACT/ HUMAN/ *HYPERTHYROIDISM, diagnosis/ *HYPOTHYROIDISM, diagnosis/ *REFLEX, TENDON

2572. **Mannick JA, Huvos A, Hollander WE**: Post-hydralazine renin release in the diagnosis of renovascular hypertension. Ann Surg 170:409-15, Sep 69
ADULT/ AGED/ AORTOGRAPHY/ BLOOD PRESSURE, drug effects/ FEMALE/ HUMAN/ *HYDRALAZINE, diagnostic use/ *HYPERTENSION, RENAL, diagnosis/ HYPERTENSION, RENAL, metabolism/ HYPERTENSION, RENAL, surgery/ KIDNEY, drug effects/ KIDNEY, metabolism/ MALE/ MIDDLE AGE/ RENAL ARTERY, drug effects/ RENIN, analysis/ RENIN, blood/ *RENIN, metabolism

2573. **Manning JP, Tornaben JA, Schwartz E:** Uterine alkaline and acid phosphatase activity in the rhesus monkey treated with synthetic estrogen.
Amer J Obstet Gynec 105:412-7, 1 Oct 69
*ACID PHOSPHATASE, analysis/ *ALKALINE PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ ENDOMETRIUM, anatomy & histology/ ENDOMETRIUM, drug effects/ *ENDOMETRIUM, enzymology/ *ESTRANES, pharmacodynamics/ *ESTROGENS, pharmacodynamics/ MENSTRUATION/ MONKEYS

2574. **Mansukhani SH:** Sympathicogonioma.
J Indian Med Ass 52:77-80, 16 Jan 69
*ADRENAL GLAND NEOPLASMS, pathology/ HUMAN/ MALE/ MIDDLE AGE/ *NEUROBLASTOMA, pathology

2575. **Manuilova IA, Aronovich AS:** O lechenii infakundinom disfunktsional'nykh krovotecheniĭ u zhenshchin v klimaktericheskom periode.
Sovet Med 31:25-9, Aug 68 (Rus)
ADULT/ *CLIMACTERIC/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *MESTRANOL, therapeutic use/ MIDDLE AGE/ *NORETHYNODREL, therapeutic use/ *UTERINE HEMORRHAGE, drug therapy/ UTERINE HEMORRHAGE, etiology

2576. **Marchant DJ:** Cancer of the cervix.
New Eng J Med 281:602-4, 11 Sep 69
ADENOCARCINOMA, pathology/ BIOPSY/ *CARCINOMA/ CARCINOMA, pathology/ CARCINOMA, radiotherapy/ CARCINOMA, surgery/ *CERVIX NEOPLASMS/ CERVIX NEOPLASMS, chemically induced/ CERVIX NEOPLASMS, diagnosis/ CERVIX NEOPLASMS, etiology/ CERVIX NEOPLASMS, pathology/ CERVIX NEOPLASMS, radiotherapy/ CERVIX NEOPLASMS, surgery/ CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ HYSTERECTOMY/ MASS SCREENING/ PREGNANCY/ PREGNANCY COMPLICATIONS/ VAGINAL SMEARS

2577. **Marcondes E, Campos JV, Barbieri D, et al:** Progéria: relato de um caso com manifestações de esclerose sistêmica progressiva (esclerodermia) desde o nascimento.
Rev Hosp Clin Fac Med S Paulo 24:147-54, Mar-Apr 69 (Por)
ADULT/ AMINO ACIDS, blood/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *PROGERIA, complications/ PROGERIA, congenital/ PROGERIA, diagnosis/ *SCLERODERMA, complications/ THYROID GLAND FUNCTION TESTS

2578. **Marcus R, Aurbach GD:** Bioassay of parathyroid hormone in vitro with a stable preparation of adenyl cyclase from rat kidney.
Endocrinology 85:801-10, Nov 69
*ADENINE NUCLEOTIDES, analysis/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, analysis/ ADENYL CYCLASE, analysis/ ANIMAL EXPERIMENTS/ *BIOLOGICAL ASSAY/ CATTLE/ CORTICOTROPIN, pharmacodynamics/ *ENZYMES, analysis/ EPINEPHRINE, pharmacodynamics/ GEL FILTRATION/ GLUCAGON, pharmacodynamics/ HISTONES, pharmacodynamics/ IN VITRO/ *KIDNEY, enzymology/ MALE/ METHODS/ MSH, pharmacodynamics/ *PARATHYROID HORMONE, pharmacodynamics/ PEPTIDES, pharmacodynamics/ PHOSPHORUS ISOTOPES/ PROTAMINES, pharmacodynamics/ RATS/ SOMATOTROPIN, pharmacodynamics/ STIMULATION, CHEMICAL/ THYROCALCITONIN, pharmacodynamics/ THYROTROPIN, pharmacodynamics/ THYROXINE, pharmacodynamics/ VASOPRESSIN, pharmacodynamics

2579. **Mardomingo Varela P, Egaña Azúa A, Olmo Fabra A:** Gota femenina crónica y osteomalacia postgastréctomia.
Rev Clin Esp 113:455-60, 15 Jun 69 (Spa)
AGED/ CHRONIC DISEASE/ FEMALE/ GOUT, complications/ HUMAN/ *OSTEOMALACIA, etiology/ OSTEOMALACIA, radiography/ POSTGASTRECTOMY SYNDROMES, complications

2580. **Mareel M:** Recherches sur le mode et le mécanisme de croissance du tibia embryonnaire de Poulet in vitro.
C R Soc Biol (Paris) 163:221-4, 1969 (Fre)
*BONE AND BONES, embryology/ CARBON ISOTOPES/ CARTILAGE, embryology/ CHICK EMBRYO/ COBALT ISOTOPES/ EPIPHYSES, embryology/ IN VITRO/ MOTION PICTURES/ *TIBIA, embryology

2581. **Mareel M:** La croissance in vitro du tibia embryonnaire de poulet. C R Soc Biol (Paris) 162:2328-30, 1968 (Fre)
CALCIFICATION, PHYSIOLOGIC/ CARTILAGE, growth & development/ CHICK EMBRYO/ IN VITRO/ MICROSCOPY/ *TIBIA, embryology

2582. **Mareĭ AN, Borisov BK, Barkhudarov RM:** Sr90 v kostnoĭ tkani naseleniia Sovetskogo Soiuza (1957-1967) Gig Sanit 34:37-43, Mar 69 (Rus)
ADOLESCENCE/ ADULT/ *BONE AND BONES, metabolism/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ MATERNAL-FETAL EXCHANGE/ PREGNANCY/ *STRONTIUM ISOTOPES, metabolism/ USSR

2583. **Marek H, Koch H, Seige K:** Untersuchungen über Speicherung und Ausscheidung von tritiummarkiertem Polyvinylpyrrolidon an der Ratte.
Z Ges Exp Med 150:213-22, 1969 (Ger)
ANIMAL EXPERIMENTS/ BONE AND BONES, metabolism/ ENGLISH ABSTRACT/ FECES, analysis/ GASTROINTESTINAL SYSTEM, metabolism/ INJECTIONS, INTRAVENOUS/ KIDNEY, metabolism/ LIVER, metabolism/ LUNG, metabolism/ MUSCLES, metabolism/ POLYVINYLPYRROLIDONE, analysis/ POLYVINYLPYRROLIDONE, blood/ *POLYVINYLPYRROLIDONE, metabolism/ POLYVINYLPYRROLIDONE, urine/ RATS/ SPLEEN, metabolism/ TRITIUM

2584. **Margerison JH, Binnie CD, Levy PA, et al:** An effect of oral contraceptives on the EEG of normal females.
Electroenceph Clin Neurophysiol 27:335, Sep 69
*CEREBRAL CORTEX, drug effects/ CEREBRAL CORTEX, physiology/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ ELECTROENCEPHALOGRAPHY/ FEMALE/ HUMAN

2585. **Margrini M, Sandoli A:** Criteri di valutazione ai fini anestesiologici del paziente obeso.
Acta Anaesth (Padova) 19:Suppl 6:183+, 1968 (Ita)
*ANESTHESIA/ *CARDIOVASCULAR DISEASES, diagnosis/ *ENDOCRINE DISEASES, diagnosis/ ENGLISH ABSTRACT/ HUMAN/ KIDNEY FUNCTION TESTS/ *OBESITY/ PREOPERATIVE CARE/ RESPIRATORY FUNCTION TESTS/ *SURGERY, OPERATIVE/ WATER-ELECTROLYTE BALANCE

2586. **Margules DL:** Noradrenergic synapses for the suppression of feeding behavior.
Life Sci 8:693-704, 1 Jul 69
ANIMAL EXPERIMENTS/ DEPRESSION, CHEMICAL/ *FEEDING BEHAVIOR, drug effects/ HISTOCYTOCHEMISTRY/ *HYPOTHALAMUS, drug effects/ HYPOTHALAMUS, physiology/ MILK/ *NOREPINEPHRINE, pharmacodynamics/ PHENTOLAMINE, pharmacodynamics/ RATS/ *SYNAPSES

2587. **Margules DL, Stein L:** Cholinergic synapses of a periventricular punishment system in the medial hypothalamus. Amer J Physiol 217:475-80, Aug 69
ANIMAL EXPERIMENTS/ ATROPINE, pharmacodynamics/ AVOIDANCE LEARNING/ BRAIN, pathology/ CONDITIONING, OPERANT/ *HYPOTHALAMUS, physiology/ MALE/ METHODS/ NOREPINEPHRINE, pharmacodynamics/ *PARASYMPATHETIC

NERVOUS SYSTEM, physiology/ PARASYMPATHOMIMETICS, pharmacodynamics/ PUNISHMENT/ RATS/ *SYNAPSES

2588. **Mariani A, Mariani Vicari C, Mendoza R, et al:** Determinazione della vitamina D in presenza della vitamina A. Utilizzazione della reazione di disidratazione della vitamina A per realizzare la separazione cromatografica delle due vitamine.
Ann Ist Sup Sanit 3:193-203, 1967 (Ita)
CHEMISTRY, PHARMACEUTICAL/ CHROMATOGRAPHY/ ENGLISH ABSTRACT/ *ERGOCALCIFEROL, analysis/ METHODS/ *VITAMIN A, analysis

2589. **Mariani A, Vicari M:** Serazione e determinazione della vitamina D in presenza degli esteri della vitamina A.
Ann Ist Sup Sanit 4:90-100, 1968 (Ita)
ALUMINUM/ CHEMISTRY, PHARMACEUTICAL/ CHROMATOGRAPHY/ *DRUG COMPOUNDING/ DRUG INDUSTRY/ ESTERS/ OILS, analysis/ SOLUTIONS, analysis/ *VITAMIN A/ *VITAMIN D, analysis/ VITAMIN D, isolation & purification/ WATER

2590. **Marie J, Lévéque B, Josso F, et al:** Etude de la coagulation avec mesure du catabolisme du fibrinogène marqué au cours d'une maladi de Moschkowicz.
Ann Pediat (Paris) 16:417-23, Jun-Jul 69 (Fre)
ANEMIA, HEMOLYTIC/ *BLOOD COAGULATION DISORDERS/ BLOOD COAGULATION TESTS/ BLOOD VESSELS, pathology/ CEREBROVASCULAR DISORDERS/ ENGLISH ABSTRACT/ FEMALE/ *FIBRINOGEN, metabolism/ GLUCOCORTICOIDS, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ INFANT/ IODINE ISOTOPES/ ISCHEMIA/ MALE/ *PURPURA, THROMBOPENIC/ PURPURA, THROMBOTIC THROMBOPENIC, etiology/ *PURPURA, THROMBOTIC THROMBOPENIC, metabolism/ PURPURA, THROMBOTIC THROMBOPENIC, pathology/ RADIOISOTOPE DILUTION TECHNIC/ *THROMBOSIS, complications

2591. **Marie J, Rivière R, Hennequet A, et al:** Hypothyroïdie congénitale par trouble de l'hormonogénèse de type I. (3 observations dans une même fratrie et revue de la littérature)
Ann Pediat (Paris) 16:424-36, Jun-Jul 69 (Fre)
CHROMATOGRAPHY, PAPER/ ENGLISH ABSTRACT/ FEMALE/ GOITER, familial & genetic/ HUMAN/ *HYPOTHYROIDISM, familial & genetic/ INFANT/ IODINE, blood/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ MYXEDEMA/ PREGNANCY/ PROTEIN-BOUND IODINE TEST/ PSYCHOMOTOR DISORDERS/ RADIOISOTOPE SCANNING/ THIOCYANATES, diagnostic use/ THYROID GLAND, pathology/ *THYROID HORMONES, biosynthesis/ THYROID HORMONES, therapeutic use/ TRIIODOTHYRONINE, therapeutic use

2592. **Marín Hernández G, Lorente Fernández L, Pereda García JM, et al:** Tumor de celulas gigantes e hiperparatiroidismo.
Rev Clin Esp 114:67-70, 15 Jul 69 (Spa)
*ADENOMA, radiography/ FEMALE/ *GIANT CELL TUMORS, radiography/ HUMAN/ *HYPERPARATHYROIDISM, radiography/ MIDDLE AGE/ *PARATHYROID NEOPLASMS, radiography

2593. **Marinetti GV, Ray TK, Tomasi V:** Glucagon and epinephrine stimulation of adenyl cyclase in isolated rat liver plasma membranes.
Biochem Biophys Res Commun 36:185-93, 23 Jul 69
*ADENINE NUCLEOTIDES, metabolism/ ADENYL CYCLASE, metabolism/ ANIMAL EXPERIMENTS/ CALCIUM, pharmacodynamics/ CARBON ISOTOPES/ CELL MEMBRANE, drug effects/ *CELL MEMBRANE, enzymology/ CELL NUCLEUS, enzymology/ *ENZYMES, metabolism/ *EPINEPHRINE, pharmacodynamics/ *GLUCAGON, pharmacodynamics/ LIVER, cytology/ LIVER, enzymology/ MICROSOMES, enzymology/ MITOCHONDRIA, LIVER, enzymology/ PROTEIN BINDING/ RATS/ STIMULATION, CHEMICAL/ TIME FACTORS/ TRITIUM

2594. **Mariño Aguiar M:** Aplicación de un micrométodo rápido a la determinación del contenido en yodo de las aguas potables.
Rev Sanid Hig Publica (Madrid) 41:343-55, Oct-Dec 67 (Spa)
GOITER, etiology/ HUMAN/ *IODINE, analysis/ METHODS/ *MICROCHEMISTRY/ SPAIN/ *WATER SUPPLY, analysis

2595. **Markoff N:** Therapie des Coma hepaticum.
Deutsch Med Wschr 94:1829-32, 5 Sep 69 (Ger)
ANTIBIOTICS, therapeutic use/ DIET THERAPY/ ENEMA/ EXCHANGE TRANSFUSION/ HEPATIC COMA, classification/ HEPATIC COMA, diagnosis/ HEPATIC COMA, drug therapy/ *HEPATIC COMA, therapy/ HUMAN/ HYDROCORTISONE, therapeutic use/ TRANQUILIZING AGENTS, therapeutic use

2596. **Marks EP:** Nerve regeneration in the cockroach, Leucophaea maderae: the effect of humoral substances in vitro. Biol Bull 137:181-8, Aug 69
ANIMAL EXPERIMENTS/ *ENDOCRINE GLANDS/ INSECTS/ *NERVE REGENERATION, drug effects/ TISSUE CULTURE/ *TISSUE EXTRACTS, pharmacodynamics

2597. **Markwardt F:** Influence of drugs and enzymes on platelet 5-hydroxytryptamine.
Ann Med Exp Biol Fenn 46:407-15, 1968
ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, metabolism/ CATS/ DOGS/ GUINEA PIGS/ HUMAN/ *PEPTIDE HYDROLASES, pharmacodynamics/ RABBITS/ RATS/ *SEROTONIN, metabolism/ SPECIES SPECIFICITY/ THROMBIN, pharmacodynamics

2598. **Marmont A, Damasio E:** Les anticorps antinucléaires dans le lupus érythémateux systémique avant et après traitement et dans le polyarthrite chronique évolutive. Quelques observations sur le facteur antipérinucléaire.
J Belg Rhum Med Phys 22:236-66, Jul-Aug 67 (181 ref.) (Fre)
ADULT/ ANTINUCLEAR FACTORS, analysis/ ARTHRITIS, RHEUMATOID, diagnosis/ *ARTHRITIS, RHEUMATOID, immunology/ *AUTOANTIBODIES, analysis/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ LATEX FIXATION TESTS/ LE CELLS/ LUPUS ERYTHEMATOSUS, SYSTEMIC, diagnosis/ LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology/ MALE/ MIDDLE AGE/ MUCOUS MEMBRANE, cytology/ REVIEW

2599. **Maroń K, Skowron S:** Allogenic transplants of testicular tissue in the golden hamster. Age factor.
Folia Biol (Krakow) 17:141-3, 1969
AGE FACTORS/ ANIMAL EXPERIMENTS/ HAMSTERS/ HISTOCOMPATIBILITY/ MALE/ SPERMATOZOA, growth & development/ TESTIS, cytology/ TESTIS, physiology/ *TESTIS, transplantation/ TIME FACTORS/ *TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY

2600. **Marshall WA:** Growth and maturity.
Develop Med Child Neurol 11:517-8, Aug 69
CHILD/ *GROWTH/ HUMAN/ PUBERTY

2601. **Martenet AC:** Le traitement de l'uvéite.
Ther Umsch 26:346-8, Jun 69 (Fre)
*ANALGESICS AND ANTIPYRETICS, administration & dosage/ ANTIBIOTICS, therapeutic use/ *GLUCOCORTICOIDS, administration & dosage/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ *MYDRIATICS, administration & dosage/ OPHTHALMIC SOLUTIONS/ *UVEITIS, drug therapy/ UVEITIS, etiology

2602. **Martin A, Blanchard RL:** The thermal volatilisation of caesium-137, polonium-210 and lead-210 from in vivo labelled samples. Analyst 94:441-6, Jun 69
ANIMAL EXPERIMENTS/ *BONE AND BONES/ *CESIUM ISOTOPES/ CHEMISTRY/ *HEAT/ *LEAD/ *MUSCLES/ *POLONIUM/ RADIOISOTOPES/ REINDEER

2603. **Martin E:** L'hyperostose frontale interne, syndrome de Morgagni-Morel, un état de diabète latent.
Praxis 58:1068-71, 2 Sep 69 (Fre)
AGED/ FEMALE/ HIRSUTISM, complications/ HUMAN/ *HYPEROSTOSIS FRONTALIS INTERNA, diagnosis/ MIDDLE AGE/ OBESITY IN DIABETES, complications/ SKULL, radiography/ VIRILISM, complications

2604. **Martin LW, Gonzalez LL, West CD, et al:** Homotransplantation of both kidneys from an anencephalic monster to a 17 pound boy with Eagle-Barret syndrome. Surgery 66:603-7, Sep 69
ABDOMINAL WALL, abnormalities/ *ABNORMALITIES, MULTIPLE/ *ANENCEPHALUS/ BLADDER DISEASES, complications/ CHILD, PRESCHOOL/ CRYPTORCHISM, complications/ DILATATION/ FETAL DEATH/ FOLLOW-UP STUDIES/ HUMAN/ INFANT, NEWBORN/ *KIDNEY, abnormalities/ KIDNEY, growth & development/ *KIDNEY, transplantation/ MALE/ METHODS/ *TISSUE DONORS/ TRANSPLANTATION, HOMOLOGOUS/ URETERAL DISEASES, complications

2605. **Martin MS, Lambert R, Martin F:** Les relations hypothalamo-gastriques.
Path Biol (Paris) 16:1099-113, Dec 68 (98 ref.) (Fre)
ANIMAL EXPERIMENTS/ CATS/ DOGS/ ELECTRIC STIMULATION/ ENGLISH ABSTRACT/ GASTRIC ACIDITY DETERMINATION/ GASTRIC JUICE, physiology/ GASTROINTESTINAL MOTILITY, physiology/ HUMAN/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ HYPOTHALAMUS, anatomy & histology/ *HYPOTHALAMUS, physiology/ HYPOTHALAMUS, surgery/ METHODS/ MONKEYS/ PARASYMPATHETIC NERVOUS SYSTEM, physiology/ PEPSIN, metabolism/ PEPTIC ULCER, etiology/ RABBITS/ REVIEW/ STEREOTAXIC TECHNICS/ STOMACH, pathology/ *STOMACH, physiology/ SYMPATHECTOMY/ SYMPATHETIC NERVOUS SYSTEM, physiology/ VAGOTOMY/ VASOPRESSIN, metabolism

2606. **Martin TJ, Harris GS, Melick RA, et al:** Effect of calcitonin on glycosaminoglycan synthesis by embryo calf bone cells in vitro. Experientia 25:375-6, 15 Apr 69
ANIMAL EXPERIMENTS/ BONE AND BONES, drug effects/ BONE AND BONES, embryology/ *BONE AND BONES, metabolism/ BONE RESORPTION/ CARBON ISOTOPES/ GLUCOSE, metabolism/ HYPOCALCEMIA, chemically induced/ IN VITRO/ *MUCOPOLYSACCHARIDES, biosynthesis/ STIMULATION, CHEMICAL/ *THYROCALCITONIN, pharmacodynamics/ TISSUE CULTURE

2607. **Martindale L:** Phosphate excretion in the laying hen.
J Physiol (London) 203:82P-83P, Jul 69
ABSORPTION/ ANIMAL EXPERIMENTS/ CALCIFICATION, PHYSIOLOGIC/ *CHICKENS, metabolism/ FEMALE/ GLOMERULAR FILTRATION RATE/ KIDNEY, blood supply/ KIDNEY, metabolism/ KIDNEY TUBULES, physiology/ *OVULATION/ PARATHYROID HORMONE, pharmacodynamics/ PHOSPHATES, metabolism

2608. **Martínez JT, Molina RA:** Anovulación y citrato de clomifene.
Rev Obstet Ginec Venez 27:691-700, 1967 (Spa)
ADOLESCENCE/ ADULT/ CITRATES, pharmacodynamics/ *CLOMIPHENE, pharmacodynamics/ ENDOMETRIUM, drug effects/ FEMALE/ HUMAN/ *OVULATION, drug effects

2609. **Martins AD, Altaf GS:** Aceleração do parto com a associação de Sp 725-novaminossulfona e ocitocina.
Hospital (Rio) 75:1859-63, May 69 (Por)
ADOLESCENCE/ ADULT/ FEMALE/ HUMAN/ *LABOR, INDUCED/ *MUSCLE RELAXANTS/ *OXYTOCIN/ PARITY

2610. **Márton Z, Gáti I, Doszpod J, et al:** Diagnosis and treatment of mastopathy.
Acta Chir Acad Sci Hung 10:93-103, 1969
ADENOFIBROMA, drug therapy/ ADENOFIBROMA, metabolism/ ADOLESCENCE/ ADULT/ AGED/ ANIMAL EXPERIMENTS/ BREAST DISEASES, diagnosis/ *BREAST DISEASES, drug therapy/ BREAST DISEASES, metabolism/ BREAST NEOPLASMS, drug therapy/ BREAST NEOPLASMS, metabolism/ CROP, AVIAN, drug effects/ ESTROGENS, urine/ FEMALE/ HUMAN/ 17-KETOSTEROIDS, urine/ MIDDLE AGE/ *NORMETHANDROLONE, therapeutic use/ PIGEONS/ PREGNANEDIOL, urine/ PROLACTIN, blood/ PROLACTIN, pharmacodynamics

2611. **Martz G:** Häufige Fehler bei der Hormonbehandlung des Krebses. Ther Umsch 26:402-7, Jul 69 (Ger)
*BREAST NEOPLASMS, drug therapy/ FEMALE/ HUMAN/ MALE/ MALPRACTICE/ NEOPLASM METASTASIS, drug therapy/ *PROSTATIC NEOPLASMS, drug therapy/ *SEX HORMONES, administration & dosage/ TIME FACTORS

2612. **Marvan F:** Postnatal development of the male genital tract of the Gallus domesticus.
Anat Anz 124:443-62, 1969
ANIMAL EXPERIMENTS/ CHICKENS, anatomy & histology/ *CHICKENS, growth & development/ CLOACA, anatomy & histology/ *CLOACA, growth & development/ EPIDIDYMIS, anatomy & histology/ EPIDIDYMIS, growth & development/ EPITHELIUM, anatomy & histology/ EPITHELIUM, growth & development/ *GENITALIA, MALE, growth & development/ MALE/ ORGAN WEIGHT/ TESTIS, anatomy & histology/ TESTIS, growth & development/ VAS DEFERENS, anatomy & histology/ VAS DEFERENS, growth & development

2613. **Marx GF:** Anesthetic management of the parturient in septic shock. Int Anesth Clin 6:813-28, Fall 68 (46 ref.)
ABORTION, SEPTIC, surgery/ ADRENAL CORTEX HORMONES, therapeutic use/ *ANESTHESIA, OBSTETRICAL/ ANTIBIOTICS, therapeutic use/ BLOOD VOLUME/ CYCLOPROPANE, administration & dosage/ FEMALE/ HUMAN/ *LABOR COMPLICATIONS, therapy/ OXYGEN INHALATION THERAPY/ PREGNANCY/ REVIEW/ *SEPTICEMIA, complications/ SEPTICEMIA, drug therapy/ SEPTICEMIA, etiology/ SHOCK, etiology/ SHOCK, mortality/ SHOCK, physiopathology/ *SHOCK, therapy/ SHOCK, ENDOTOXIC, drug therapy/ SHOCK, ENDOTOXIC, etiology/ SHOCK, ENDOTOXIC, mortality/ SHOCK, ENDOTOXIC, physiopathology/ *SHOCK, ENDOTOXIC, therapy/ SHWARTZMAN PHENOMENON, complications/ VASODILATOR AGENTS, therapeutic use

2614. **Marytnova RP, Ronichevskaia GM, Sekirov BA:** Vliianie raznykh doz nitrozometil (étil) mocheviny na vozniknovenie spontannogo leikoza i opukholei mysheĭ. Vop Onkol 15:53-6, 1969 (Rus)
ANIMAL EXPERIMENTS/ *ANTINEOPLASTIC AGENTS, administration & dosage/ *CARCINOGENS/ ENGLISH ABSTRACT/ *LEUKEMIA, EXPERIMENTAL, prevention & control/ MAMMARY NEOPLASMS, EXPERIMENTAL, chemically induced/ MICE/ *NEOPLASMS, EXPERIMENTAL, chemically induced/ *NITROSO COMPOUNDS, administration & dosage/ THYMOMA, chemically induced/ THYMUS NEOPLASMS, chemically induced/ *UREA, administration & dosage

2615. **Masada Y, Hashimoto K, Inoue T, et al:** [Analysis of fatty acids composition in rabbit's adrenal lipid by direct coupling of mass-spectrometer and gas chromatograph]
J Pharm Soc Jap 89:579-82, Apr 69 **(Jap)**
*ADRENAL GLANDS, analysis/ ALLOXAN DIABETES, metabolism/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, GAS/ *FATTY ACIDS, analysis/ RABBITS/ SPECTRUM ANALYSIS

2616. **Masai H, Ishibashi H:** The chemoarchitectonics in the chiropteran brain. J Hirnforsch 10:271-8, 1968
*ACID PHOSPHATASE, metabolism/ AMYGDALOID BODY, enzymology/ ANIMAL EXPERIMENTS/ *BRAIN, enzymology/ BRAIN MAPPING/ CEREBRAL VENTRICLES, enzymology/ *CHIROPTERA/ CORPORA QUADRIGEMINA, enzymology/ DIENCEPHALON, enzymology/ HIPPOCAMPUS, enzymology/ HISTOCYTOCHEMISTRY/ HYPOTHALAMUS, enzymology/ MEDULLA OBLONGATA, enzymology/ MESENCEPHALON, enzymology/ MONOAMINE OXIDASE, metabolism/ *OXIDOREDUCTASES, metabolism/ SUCCINATE DEHYDROGENASE, metabolism/ THALAMUS, enzymology/ VESTIBULAR NUCLEI, enzymology

2617. **Masamune T, Murai A, Numata S:** The synthesis of etiojervane analogues of cortisone.
Tetrahedron 25:3145-56, Aug 69
*ALKALOIDS/ CHEMISTRY/ CORTISONE, chem synthesis/ *HOMOSTEROIDS, chem synthesis/ *NORSTEROIDS, chem synthesis/ OPTICAL ROTATORY DISPERSION

2618. **Mashimo K, Higashi T, Sawano S:** [Nephrogenic diabetes insipidus]
Jap J Clin Med 27:1244-51, Apr 69 **(Jap)**
*DIABETES INSIPIDUS, complications/ DIABETES INSIPIDUS, familial & genetic/ DIABETES INSIPIDUS, pathology/ FEMALE/ HUMAN/ *KIDNEY DISEASES, complications/ MALE/ VASOPRESSIN, physiology

2619. **Mashkilleison AL, Trofimova EM, Kemeneva MP, et al:** Otsenka terapevticheskoĭ éffektivnosti razlichnykh kortikosteroidnykh mazeĭ v dermatologicheskoĭ praktike. Sovet Med 31:71-4, Aug 68 **(Rus)**
*ADRENAL CORTEX HORMONES, administration & dosage/ ENGLISH ABSTRACT/ HUMAN/ OINTMENTS/ *SKIN DISEASES, drug therapy

2620. **Mason NR, Tinsley FC, Cochrane RL:** Effect of prolactin and 5-bromo-2-thienyl-ethyl ketone thiosemicarbazone on ovarian progestin levels in the rat. Endocrinology 85:831-6, Nov 69
ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ DECIDUA, drug effects/ DEPRESSION, CHEMICAL/ FEMALE/ *HYPOPHYSECTOMY/ KETONES, pharmacodynamics/ ORGAN WEIGHT/ OVARY, analysis/ OVARY, drug effects/ *OVARY, metabolism/ PREGNANCY/ PREGNENOLONE, analysis/ *PREGNENOLONE, metabolism/ PROGESTERONE, analysis/ *PROGESTERONE, metabolism/ *PROLACTIN, pharmacodynamics/ PSEUDOPREGNANCY, drug effects/ RATS/ *THIOSEMICARBAZONES, pharmacodynamics

2621. **Massie ED, Gomes WR, VanDemark NL:** Oxygen tension in testes of normal and cryptorchid rats.
J Reprod Fertil 19:559-61, Aug 69
ANIMAL EXPERIMENTS/ *CRYPTORCHISM, physiopathology/ MALE/ *OXYGEN, analysis/ RATS/ *TESTIS, analysis/ TESTIS, blood supply

2622. **Masubuchi K, Kubo H, Tenjin Y, et al:** Follow-up studies by cytology on cancer of the cervix uteri after treatment. Acta Cytol (Balt) 13:323-6, Jun 69
ADULT/ *CARCINOMA, EPIDERMOID, radiotherapy/ *CARCINOMA, EPIDERMOID, surgery/ *CERVIX NEOPLASMS, radiotherapy/ *CERVIX NEOPLASMS, surgery/ COBALT ISOTOPES/ CYTODIAGNOSIS/ ESTROGENS, pharmacodynamics/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ HYSTERECTOMY/ JAPAN/ MUCOUS MEMBRANE, drug effects/ MUCOUS MEMBRANE, radiation effects/ NEOPLASM RECURRENCE, LOCAL/ RADIUM/ *VAGINAL SMEARS

2623. **Masuyama Y, Sato R, Yamanaka Y, et al:** Renin content of kidneys in various types of experimental hypertension in rats.
Israel J Med Sci 5:594-7, Jul-Aug 69
ADRENAL GLAND DISEASES, complications/ ANIMAL EXPERIMENTS/ AORTIC COARCTATION, complications/ HYPERTENSION, etiology/ *HYPERTENSION, metabolism/ *KIDNEY, analysis/ NEPHRECTOMY/ NERVOUS SYSTEM DISEASES, complications/ RATS/ RENAL ARTERY OBSTRUCTION, complications/ *RENIN, analysis/ SODIUM, administration & dosage/ SODIUM, metabolism

2624. **Matějovský Z, Stryhal F:** Erfahrungen mit der fibrösen Knochendysplasie.
Beitr Orthop Trauma 15:621-5, Oct 68 **(Ger)**
ADULT/ CHILD/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ ENDOCRINE DISEASES, complications/ FEMALE/ FIBROUS DYSPLASIA OF BONE, complications/ FIBROUS DYSPLASIA OF BONE, diagnosis/ *FIBROUS DYSPLASIA OF BONE, radiography/ HUMAN/ MALE/ PIGMENTATION DISORDERS, complications

2625. **Mateos Cándano M, Bolio Arizta R:** Estudio clínico con la combinación de mestranol y linestranol de 1 mg. (reporte preliminar)
Ginec Obstet Mex 24:647-53, Jun 69 **(Spa)**
ADULT/ DOSAGE FORMS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LYNESTRENOL, administration & dosage/ MENSTRUATION, drug effects/ *MESTRANOL, administration & dosage/ MIDDLE AGE/ PREGNANCY

2626. **Materazzi G, Vitaioli L:** Observations on the formation of secretion by the cells of the 'convoluted granular tubules' of the submandibular gland of the rat.
J Anat 105:163-70, Jul 69
ANIMAL EXPERIMENTS/ GLYCOPROTEINS, secretion/ GOLGI APPARATUS/ HISTOCYTOCHEMISTRY/ MALE/ PILOCARPINE, pharmacodynamics/ RADIOAUTOGRAPHY/ RATS/ SUBMANDIBULAR GLAND, anatomy & histology/ SUBMANDIBULAR GLAND, drug effects/ *SUBMANDIBULAR GLAND, secretion/ TESTOSTERONE, pharmacodynamics

2627. **Mathé G, Schwarzenberg L, Hayat M, et al:** Chimiothérapie de la leucémie L 1210: comparaison, pour 7 composés, des effets de l'administration continue sur 20 jours et de l'administration d'une dose unique massive, précoce ou tradive.
Rev Franc Etud Clin Biol 13:951-60, Dec 68 **(Fre)**
ANIMAL EXPERIMENTS/ CITROVORUM FACTOR, therapeutic use/ *CYCLOPHOSPHAMIDE, administration & dosage/ *DAUNOMYCIN, administration & dosage/ ENGLISH ABSTRACT/ *LEUKEMIA L1210, drug therapy/ LEUKEMIA L1210, mortality/ LIFE EXPECTANCY/ *MERCAPTOPURINE, administration & dosage/ *METHOTREXATE, administration & dosage/ *METHYLPREDNISOLONE, administration & dosage/ MICE/ STATISTICS/ *VINBLASTINE, administration & dosage/ *VINCRISTINE, administration & dosage

2628. **Mathov E, Grinstein M:** Degranulación de los mastocitos en el peritoneo de cobayo durante el choque anafiláctico. Modificación por la acción de los antihistaminicos, corticoesteroides, salicilato, clorpromazina, heparina, ácido epsilon aminocaproico y butazolidina. Alergia (Mex) 16:179-200, May 69 **(Spa)**
ADRENAL CORTEX HORMONES, pharmacodynamics/ AMINOCAPROIC ACID, pharmacodynamics/ *ANAPHYLAXIS, drug therapy/ ANIMAL EXPERIMENTS/ ANTIHISTAMINICS, pharmacodynamics/ CHLORPROMAZINE, pharmacodynamics/

ENGLISH ABSTRACT/ GUINEA PIGS/ HEPARIN, pharmacodynamics/ *MAST CELLS, drug effects/ *PERITONEUM, cytology/ PHENYLBUTAZONE, pharmacodynamics/ SALICYLATES, pharmacodynamics

2629. Matovinovic J, Nishiyama RH, Hill HC, et al: The role of sex and iodine deficiency in the growth and function of the rat thyroid transplantable tumor. Cancer Res 29:1398-406, Jul 69
ANIMAL EXPERIMENTS/ BODY WEIGHT/ CARCINOMA, metabolism/ CASTRATION/ *DEFICIENCY DISEASES/ DIET/ DNA, metabolism/ FEMALE/ HOMEOSTASIS/ *IODINE, metabolism/ IODINE ISOTOPES/ MALE/ NEOPLASM TRANSPLANTATION/ ORGAN WEIGHT/ RNA, metabolism/ *SEX FACTORS/ THYMIDINE, metabolism/ THYROID GLAND, physiology/ THYROID GLAND, physiopathology/ *THYROID NEOPLASMS, metabolism/ TRANSPLANTATION, HOMOLOGOUS/ TRITIUM

2630. Matson DD, Crigler JF Jr: Management of craniopharyngioma in childhood. J Neurosurg 30:377-90, Apr 69
ADOLESCENCE/ BODY HEIGHT/ BODY WEIGHT/ CHILD/ CHILD, PRESCHOOL/ CORTICOTROPIN, therapeutic use/ CORTISONE, therapeutic use/ CRANIOPHARYNGIOMA/ CRANIOPHARYNGIOMA, diagnosis/ CRANIOPHARYNGIOMA, drug therapy/ CRANIOPHARYNGIOMA, etiology/ CRANIOPHARYNGIOMA, radiography/ CRANIOPHARYNGIOMA, radiotherapy/ *CRANIOPHARYNGIOMA, surgery/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ HYDROCORTISONE, therapeutic use/ MALE/ METHODS/ NEUROLOGIC EXAMINATION/ PITUITARY HORMONES, ANTERIOR, analysis/ PITUITARY HORMONES, POSTERIOR, analysis/ PITUITARY NEOPLASMS/ PITUITARY NEOPLASMS, diagnosis/ PITUITARY NEOPLASMS, drug therapy/ PITUITARY NEOPLASMS, etiology/ PITUITARY NEOPLASMS, radiotherapy/ PITUITARY NEOPLASMS, surgery/ *PITUITARY NEOPLASMS, surgery/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS, enzymology/ POSTOPERATIVE COMPLICATIONS, mortality/ PREOPERATIVE CARE/ SALTS, therapeutic use/ WATER, therapeutic use

2631. Matsuba M: [Effect of ACTH (synthetic) and 3',5'-AMP on cholesterol transformation in the adrenocortical mitochondria of cattle] Jap J Clin Med 27:1429-33, May 69 (Jap)
*ADENINE NUCLEOTIDES, physiology/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, physiology/ ADENYL CYCLASE, metabolism/ *ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ CATTLE/ *CHOLESTEROL, metabolism/ *CORTICOTROPIN, pharmacodynamics/ *MITOCHONDRIA, metabolism/ THEOPHYLLINE, pharmacodynamics

2632. Matsuda H: Ueber das Bloom-Syndrom. Praxis 57:1523-7, 5 Nov 68 (Ger)
BIRTH WEIGHT/ CASE REPORT/ CHILD, PRESCHOOL/ *DWARFISM/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *PHOTOSENSITIZATION/ *TELANGIECTASIS

2633. Matsuda I, Sugai M, Ohsawa T: Laboratory findings in a child with pseudo-vitamin D deficiency rickets. Helv Paediat Acta 24:329-36, Jun 69
ALKALINE PHOSPHATASE, blood/ AMINO ACIDS, urine/ BLOOD SUGAR, analysis/ CALCIUM, metabolism/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ INTESTINAL ABSORPTION/ INTESTINES, enzymology/ KIDNEY TUBULES, drug effects/ LACTATE DEHYDROGENASE, analysis/ MALE/ PARATHYROID HORMONE, pharmacodynamics/ PHOSPHATES, metabolism/ *RICKETS, diagnosis/ RICKETS, drug therapy/ RICKETS, metabolism/ RICKETS, radiography/ VITAMIN D, therapeutic use

2634. Matsui M, Fukushima DK: On the configuration of naturally occurring steroid N-acetylglucosaminides. Biochemistry (Wash) 8:2997-3000, Jul 69
CHEMISTRY/ CHEMISTRY, PHYSICAL/ *GLYCOSIDES, urine/ *HEXOSAMINES, urine/ HUMAN/ LIGHT/ NUCLEAR MAGNETIC RESONANCE/ OPTICAL ROTATORY DISPERSION/ *PREGNANES, urine/ ROTATION/ STEREOISOMERS

2635. Matsumoto M: Morphological studies on the autonomic nervous system of hypertensive rats. V. Various morphological observations on the superior cervical sympathetic ganglia of rats with experimentally induced hypertension. Jap Circ J 33:417-44, Apr 69
ACETYLCHOLINESTERASE, metabolism/ ACID PHOSPHATASE, metabolism/ ACUTE DISEASE/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ BODY WEIGHT/ CHRONIC DISEASE/ DESOXYCORTICOSTERONE/ GANGLIA, AUTONOMIC, enzymology/ *GANGLIA, AUTONOMIC, pathology/ HISTOCYTOCHEMISTRY/ HYPERTENSION, chemically induced/ HYPERTENSION, enzymology/ HYPERTENSION, etiology/ *HYPERTENSION, pathology/ HYPERTENSION, RENAL, etiology/ HYPERTENSION, RENAL, pathology/ MALE/ MICROSCOPY, ELECTRON/ MONOAMINE OXIDASE, metabolism/ NECK/ NEURONS/ NEURONS, enzymology/ ORGAN WEIGHT/ RATS/ RENAL ARTERY, surgery

2636. Matsumoto S: [Theory and practice of hormone therapy] J Jap Med Ass 61:1386-90, 15 Jun 69 (Jap)
BREAST, drug effects/ *CORPUS LUTEUM HORMONES, therapeutic use/ *ESTROGENS, therapeutic use/ FEMALE/ HUMAN/ OVULATION, drug effects/ UROGENITAL SYSTEM, drug effects

2637. Matsunaga M, Saito N, Kira J, et al: Acid angiotensinase as a lysosomal enzyme. Jap Circ J 33:545-51, May 69
ACIDS/ ADRENAL GLANDS, enzymology/ AMIDOHYDROLASES, metabolism/ ANGIOTENSIN, metabolism/ *ANGIOTENSINASE, metabolism/ ANIMAL EXPERIMENTS/ BRAIN, enzymology/ CALCIUM, metabolism/ CARBOXYPEPTIDASES, metabolism/ CATHEPSIN, metabolism/ CHLOROMERCURIBENZOATES/ CHROMATOGRAPHY/ DEPRESSION, CHEMICAL/ ETHYLENEDIAMINES/ GEL FILTRATION/ HYDROGEN-ION CONCENTRATION/ ISOFLUROPHATE/ *KIDNEY, enzymology/ LIVER, enzymology/ LUNG, enzymology/ *LYSOSOMES, enzymology/ MICROSOMES, enzymology/ MITOCHONDRIA, enzymology/ MUSCLES, enzymology/ MYOCARDIUM, enzymology/ RATS/ SPLEEN, enzymology

2638. Matsuoka M, Kondo T, Aida M, et al: [Pure gonadal dysgenesis] Saishin Igaku 24:1129-39, May 69 (Jap)
ADULT/ BODY HEIGHT/ CASE REPORT/ ESTROGENS, urine/ FEMALE/ HUMAN/ KARYOTYPING/ OSTEITIS DEFORMANS, complications/ OSTEOPOROSIS, complications/ SEX CHROMOSOMES/ *TURNER'S SYNDROME

2639. Matsuoka M, Sakuragawa N, Shinada S: Studies on fibrinolytic activities of both bone marrow blood and peripheral blood in an autopsy case of chloroma. Acta Med Biol (Niigata) 17:39-47, Jun 69
ADULT/ BLOOD CELL COUNT/ *BONE MARROW/ BONE MARROW CELLS/ *FIBRINOLYSIS/ HUMAN/ *LEUKEMIA, MYELOCYTIC, blood/ LUNG, pathology/ MALE/ THYROID GLAND, pathology

2640. Matsuzaki F: [New endocrine disorders attracting current interest--anterior pituitary gland] Clin Endocr (Tokyo) 17:383-8, May 69 (26 ref.) (Jap)
ADOLESCENCE/ ADULT/ CHILD/ CORTICOTROPIN, secretion/ FEMALE/

GONADOTROPINS, PITUITARY, secretion/ HUMAN/ MALE/ *PITUITARY DISEASES, metabolism/ REVIEW/ SOMATOTROPIN, secretion/ THYROTROPIN, secretion

2641. **Matsuzaki S, Kakegawa T, Yamamoto K:** Effect of cold exposure on amino acid transport and incorporation into rat anterior pituitary in vitro.
Endocr Jap 16:403-7, Jun 69
ADRENAL GLANDS, analysis/ ALANINE, metabolism/ *AMINO ACIDS, metabolism/ AMINOBUTYRIC ACID, metabolism/ ANIMAL EXPERIMENTS/ ASCORBIC ACID, analysis/ BIOLOGICAL TRANSPORT/ BODY WEIGHT/ CARBON ISOTOPES/ *COLD/ CORTICOTROPIN, metabolism/ GLYCINE, metabolism/ LACTATES, biosynthesis/ MALE/ ORGAN WEIGHT/ *PITUITARY GLAND, metabolism/ RATS

2642. **Matsuzaki S, Suzuki M, Matsuzawa T:** Changes in lactate dehydrogenase isozyme patterns of rat anterior pituitary in varied thyroid states.
Endocr Jap 16:301-8, Jun 69
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ CASTRATION/ ELECTROPHORESIS/ GLYCOGEN, analysis/ LACTATE DEHYDROGENASE, metabolism/ *LACTATE DEHYDROGENASE ISOENZYMES, analysis/ LACTATES, biosynthesis/ MALE/ MICE/ ORGAN WEIGHT/ PITUITARY GLAND, analysis/ *PITUITARY GLAND, enzymology/ PITUITARY GLAND, metabolism/ PROTEINS, analysis/ PYRUVATES, analysis/ *THYROIDECTOMY/ *THYROXINE, pharmacodynamics

2643. **Matthes A:** Therapie der Gelegenheitskrämpfe bei Kindern und Jugendlichen.
Munchen Med Wschr 111:1803-6, 5 Sep 69 (Ger)
ADOLESCENCE/ AGE FACTORS/ ANTICONVULSANTS, therapeutic use/ CALCIUM, therapeutic use/ CHILD/ *CONVULSIONS, drug therapy/ CONVULSIONS, etiology/ CONVULSIONS, therapy/ ENGLISH ABSTRACT/ HUMAN/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, drug therapy/ INFECTION, complications/ PHENOBARBITAL, therapeutic use/ PYRIDOXINE, therapeutic use/ RICKETS, complications/ VITAMIN D, therapeutic use

2644. **Mattner PE, Thorburn GD:** Ovarian bloodflow in sheep during the oestrous cycle.
J Reprod Fertil 19:547-9, Aug 69
ANIMAL EXPERIMENTS/ CORPUS LUTEUM/ *ESTRUS/ FEMALE/ *OVARY, blood supply/ REGIONAL BLOOD FLOW/ SHEEP/ TIME FACTORS

2645. **Mauchamp J, Shinitzky M:** The nature of thyroxine and related compounds as electron donors.
Biochemistry (Wash) 8:1554-7, Apr 69
CHEMISTRY/ CRESOLS/ DIIODOTYROSINE/ *ELECTRON TRANSPORT/ IODINE/ IODOTYROSINE/ MODELS, BIOLOGIC/ NICOTINAMIDE/ PHENOLS/ PYRIDINES/ QUINOLINES/ RECEPTORS, DRUG/ SPECTRUM ANALYSIS/ THYROID HORMONES/ *THYROXINE/ *TRIIODOTHYRONINE

2646. **Mawer EB, Backhouse J:** An improved system for the separation of metabolites of isotopically labelled vitamin D3 on silicic acid columns.
Biochem J 112:255-6, Apr 69
ALCOHOL, METHYL/ ALKANES/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHOLECALCIFEROL, blood/ *CHOLECALCIFEROL, metabolism/ CHROMATOGRAPHY/ ETHYL ETHER/ HUMAN/ KIDNEY FAILURE, CHRONIC, blood/ METHODS/ RATS/ SILICA/ TRITIUM

2647. **Mayer GP, Ramberg CF Jr, Kronfeld DS, et al:** Plasma parathyroid hormone concentration in hypocalcemic parturient cows.
Amer J Vet Res 30:1587-97, Sep 69
*CATTLE DISEASES, blood/ FEMALE/ HYPOCALCEMIA, blood/ *HYPOCALCEMIA, veterinary/ LABOR/ *PARATHYROID HORMONE, blood/ PREGNANCY/ *PREGNANCY, ANIMAL

2648. **Maynert EW:** The role of biochemical and neurohumoral factors in the laboratory evaluation of antiepileptic drugs.
Epilepsia (Amst) 10:145-62, Jun 69 (71 ref.)
ACETYLCHOLINE, administration & dosage/ ACETYLCHOLINE, antagonists & inhibitors/ *ACETYLCHOLINE, metabolism/ AMINOBUTYRIC ACID, administration & dosage/ AMINOBUTYRIC ACID, antagonists & inhibitors/ *AMINOBUTYRIC ACID, metabolism/ ANIMAL EXPERIMENTS/ *CONVULSIONS, metabolism/ DOPAMINE, administration & dosage/ DOPAMINE, antagonists & inhibitors/ *DOPAMINE, metabolism/ GLUTAMATES, administration & dosage/ GLUTAMATES, antagonists & inhibitors/ *GLUTAMATES, metabolism/ NEURAL TRANSMISSION/ NOREPINEPHRINE, administration & dosage/ NOREPINEPHRINE, antagonists & inhibitors/ *NOREPINEPHRINE, metabolism/ REVIEW/ SEROTONIN, administration & dosage/ SEROTONIN, antagonists & inhibitors/ *SEROTONIN, metabolism

2649. **Mayuzumi R:** [Study of the hypothalamic luteinizing hormone-releasing factor]
J Jap Obstet Gynec Soc 21:371-80, Apr 69 (Jap)
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CATTLE/ FEMALE/ GEL FILTRATION/ *HYPOTHALAMUS, analysis/ *LH, secretion/ *PITUITARY HORMONE RELEASING FACTORS, analysis/ RATS

2650. **Mazeaud F:** Mise en évidence du rôle de l'hypophyse dans la régulation de la glycémie de la carpe (Cyprinus carpio L.) au moyen de l'hyperglycémie adrénalinique.
C R Soc Biol (Paris) 163:24-8, 1969 (Fre)
ANIMAL EXPERIMENTS/ *BLOOD SUGAR/ *CYPRINIDAE/ *EPINEPHRINE, pharmacodynamics/ HYPOPHYSECTOMY/ *PITUITARY GLAND, physiology/ STIMULATION, CHEMICAL

2651. **Mazer A, Toure Z, Wane IM:** Comparaison des effets antidiurétiques d'hémorragies veineuses et artérielles.
C R Soc Biol (Paris) 163:260-2, 1969 (Fre)
ANIMAL EXPERIMENTS/ ARTERIES/ BLOOD PRESSURE/ BLOOD VOLUME/ CATHETERIZATION/ CREATININE, urine/ *DIURESIS/ DOGS/ GLOMERULAR FILTRATION RATE/ *HEMORRHAGE, physiopathology/ HEPARIN, pharmacodynamics/ *KIDNEY, physiopathology/ OSMOLAR CONCENTRATION/ VASOPRESSIN, pharmacodynamics/ VEINS/ WATER-ELECTROLYTE BALANCE

2652. **Mazurkevich GS:** Ob odnom iz vozmozhnykh mekhanizmov povysheniia soderzhaniia aktg v krovi pri travmaticheskom shoke.
Probl Endokr (Moskva) 14:73-8, May-Jun 68 (Rus)
ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ ASCORBIC ACID, analysis/ *CORTICOTROPIN, blood/ DOGS/ ENGLISH ABSTRACT/ RATS/ *SHOCK, TRAUMATIC, physiopathology

2653. **Means AR, Hall PF, Nicol LW, et al:** Protein biosynthesis in the testis. IV. Isolation and properties of polyribosomes.
Biochemistry (Wash) 8:1488-95, Apr 69
ADENOSINE TRIPHOSPHATE/ AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CELL-FREE SYSTEM/ CENTRIFUGATION, DENSITY GRADIENT/ CYCLOHEXIMIDE, pharmacodynamics/ DEOXYRIBONUCLEASE, pharmacodynamics/ DEPRESSION, CHEMICAL/ FLUORIDES, pharmacodynamics/ GUANINE NUCLEOTIDES/ MAGNESIUM/ MALE/ METHODS/ MICROSCOPY, ELECTRON/ PEPTIDES, biosynthesis/ POTASSIUM, pharmacodynamics/ *PROTEINS, biosynthesis/ PUROMYCIN, pharmacodynamics/ RATS/ RIBONUCLEASE,

pharmacodynamics/ *RIBOSOMES/ RIBOSOMES, metabolism/ *TESTIS, cytology/ TESTIS, metabolism/ ULTRACENTRIFUGATION/ VALINE, metabolism

2654. Mearrick PT, Mistilis SP: Excretion of radiocopper by the neonatal rat. J Lab Clin Med 74:421-6, Sep 69
ACETATES/ ANIMAL EXPERIMENTS/ *ANIMALS, NEWBORN, metabolism/ COPPER, metabolism/ CORTISONE, pharmacodynamics/ FECES, analysis/ FEMALE/ HEPATOLENTICULAR DEGENERATION, etiology/ INJECTIONS, INTRAPERITONEAL/ INTESTINAL ABSORPTION, drug effects/ INTESTINES, analysis/ LIVER, analysis/ MALE/ METABOLIC CLEARANCE RATE, drug effects/ RADIOISOTOPES/ RATS

2655. Medvedev AN: O lechenii vesennego katara. Oftal Zh 23:173-8, 1968 (Rus)
ADRENAL CORTEX HORMONES, administration & dosage/ ANTIHISTAMINICS, therapeutic use/ COMMON COLD, complications/ COMMON COLD, radiotherapy/ *COMMON COLD, therapy/ CONJUNCTIVITIS, etiology/ *CONJUNCTIVITIS, therapy/ CRYOGENIC SURGERY/ DESENSITIZATION/ ENGLISH ABSTRACT/ HUMAN/ SEASONS

2656. Medvedeva GI: Ob izmeneniiakh teploobmena u krolikov s éksperimental'nym gipotireozom v nachal'nye periody adaptatsii k umereno nizkoĭ vneshneĭ temperature.
Probl Endokr (Moskva) 14:100-4, May-Jun 68 (Rus)
ANIMAL EXPERIMENTS/ *BODY TEMPERATURE REGULATION/ ENGLISH ABSTRACT/ HEAT/ *HYPOTHYROIDISM, metabolism/ RABBITS/ *TEMPERATURE

2657. Medyńska L: Analiza schizofrenii okresu przedpokwitaniowego i młodzienczego.
Psychiat Pol 3:153-8, 1969 (Pol)
ADOLESCENCE/ *ADOLESCENT PSYCHIATRY/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ *PUBERTY/ *SCHIZOPHRENIA/ *SCHIZOPHRENIA, CHILDHOOD

2658. Meerson FZ, Karlyev KM: Rol' neĭro-énodkrinnykh faktorov v mekhanizme razvitiia gipertrofii i nedostatochnosti serdtsa.
Kardiologiia 7:73-9, Nov 67 (Rus)
ALLOXAN DIABETES, metabolism/ ANDROGENS, physiology/ ANIMAL EXPERIMENTS/ AORTIC COARCTATION, metabolism/ *AUTONOMIC NERVOUS SYSTEM, physiopathology/ CASTRATION/ *ENDOCRINE GLANDS, physiopathology/ GANGLIA, AUTONOMIC, secretion/ HEART, physiopathology/ *HEART ENLARGEMENT, etiology/ *HEART FAILURE, CONGESTIVE, etiology/ INSULIN, physiology/ MYOCARDIUM, analysis/ MYOCARDIUM, metabolism/ NEURONS, metabolism/ NOREPINEPHRINE, analysis/ NOREPINEPHRINE, biosynthesis/ NUCLEIC ACIDS, biosynthesis/ ORGAN WEIGHT/ PARASYMPATHETIC NERVOUS SYSTEM, metabolism/ PHOSPHOLIPIDS, biosynthesis/ PHOSPHORUS ISOTOPES/ PROTEINS, biosynthesis/ RADIOAUTOGRAPHY/ RATS/ RNA, biosynthesis/ SULFUR ISOTOPES/ SYMPATHETIC NERVOUS SYSTEM, metabolism

2659. Mehrhof W, Irmscher K, Erb R, et al: Synthesewege zum 17-alpha-Hydroxy-16-methylen-19-nor-progesteron und seinen Derivaten.
Chem Ber 102:643-58, 1969 (Ger)
*NORSTEROIDS, chem synthesis/ NUCLEAR MAGNETIC RESONANCE/ *PROGESTERONE, chem synthesis

2660. Meiers HG, Beien W, Dieterich T, et al: Untersuchungen zur gluconeogenetischen Wirkung von Cortisol.
Acta Endocr (Kobenhavn) 60:4-12, Jan 69 (Ger)
ADRENALECTOMY/ ALLOXAN DIABETES/ ANIMAL EXPERIMENTS/ BLOOD SUGAR, metabolism/ ENGLISH ABSTRACT/ *GLUCONEOGENESIS, drug effects/ *HYDROCORTISONE, pharmacodynamics/ INSULIN, blood/ INSULIN, physiology/ LIVER, enzymology/ LIVER GLYCOGEN, metabolism/ MALE/ RATS/ TRYPTOPHAN OXYGENASE, metabolism

2661. Meikle AW, Jubiz W, West CD, et al: A simple fluorometric method for assay of plasma metyrapone.
J Lab Clin Med 74:515-20, Sep 69
*FLUOROMETRY/ GLUCURONIDASE/ HUMAN/ INDICATORS AND REAGENTS/ METHODS/ *METYRAPONE, blood/ METYRAPONE, diagnostic use/ TARTRATES

2662. Meinhardt DW, Schiebler TH: Fluoreszensmikroskopische Untersuchungen am Hypothalamus männlicher Ratten nach Behandlung mit einer antimaskulin wirkenden Substanz.
Experientia 25:643, 15 Jun 69 (Ger)
*ANDROGENS, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ *CATECHOLAMINES, metabolism/ ENGLISH ABSTRACT/ FEEDBACK/ *HYPOTHALAMUS, metabolism/ MALE/ MICROSCOPY, FLUORESCENCE/ *NEURONS, metabolism/ PITUITARY HORMONE RELEASING FACTORS/ *PREGNANES, pharmacodynamics/ RATS/ STIMULATION, CHEMICAL

2663. Mela L: Inhibition and activation of calcium transport in mitochondria. Effect of lanthanides and local anesthetic drugs.
Biochemistry (Wash) 8:2481-6, Jun 69
AMMONIUM COMPOUNDS/ *ANESTHETICS, LOCAL, pharmacodynamics/ ANIMAL EXPERIMENTS/ BINDING SITES/ *BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ BUTACAINE, pharmacodynamics/ *CALCIUM, metabolism/ CYTOCHROMES, metabolism/ DEPRESSION, CHEMICAL/ DYES/ *HOLMIUM, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ KINETICS/ MITOCHONDRIA, LIVER, drug effects/ *MITOCHONDRIA, LIVER, metabolism/ OSCILLOMETRY/ *PRASEODYMIUM, pharmacodynamics/ PROCAINE, pharmacodynamics/ RATS/ *SCANDIUM, pharmacodynamics/ SPECTROPHOTOMETRY/ TETRACAINE, pharmacodynamics

2664. Melancon MJ Jr, DeLuca HF: Interrelationships between thyrocalcitonin, parathyroid hormone and vitamin D: control of serum calcium in hypervitaminosis D. Endocrinology 85:704-10, Oct 69
ANIMAL EXPERIMENTS/ BONE AND BONES, metabolism/ *CALCIUM, blood/ CALCIUM, metabolism/ *CHOLECALCIFEROL, physiology/ *HYPERCALCEMIA/ HYPERCALCEMIA, chemically induced/ MALE/ PARATHYROID GLANDS, surgery/ *PARATHYROID HORMONE, physiology/ RATS/ STIMULATION, CHEMICAL/ *THYROCALCITONIN, physiology/ THYROIDECTOMY/ TRIIODOTHYRONINE, pharmacodynamics

2665. Melich EI: Case of regional enteritis culminating into a postoperative short bowel syndrome.
Amer J Gastroent 52:231-53, Sep 69
ADULT/ BLIND LOOP SYNDROME, etiology/ CALCIUM, blood/ CASE REPORT/ CHOLESTEROL, blood/ CORTISONE, therapeutic use/ DIET/ *ENTERITIS, REGIONAL, complications/ ENTERITIS, REGIONAL, drug therapy/ ENTERITIS, REGIONAL, radiography/ ENTERITIS, REGIONAL, surgery/ FOLLOW-UP STUDIES/ HEMORRHAGE, GASTROINTESTINAL, etiology/ HUMAN/ INTESTINAL FISTULA, etiology/ MALABSORPTION SYNDROMES, etiology/ MALE/ *POSTOPERATIVE COMPLICATIONS/ POTASSIUM, blood/ PROTHROMBIN TIME/ VITAMIN B 12 DEFICIENCY, etiology

2666. Melikian AO, Movsesian RS: Izuchenie 17-ketosteroidov v moche valukhov, kastrirovannykh razlichnymi metodami.

Veterinariia 44:84-6, Jul 67 (Rus)
*CASTRATION, veterinary/
*17-KETOSTEROIDS, urine/ MALE/
METHODS/ *SHEEP/ STERILITY, MALE,
urine/ STERILITY, MALE, veterinary

2667. **Mellish RW**: Preparation of a child for hospitalization and surgery. Pediat Clin N Amer 16:543-53, Aug 69
ANESTHESIA/ ANXIETY, SEPARATION/
BURNS, surgery/ CHILD/ CHILD,
HOSPITALIZED/ *CHILD PSYCHOLOGY/
HERNIA, surgery/ *HOSPITALIZATION/
HUMAN/ INJECTIONS/ MALE/
MANIPULATION, ORTHOPEDIC/
PARENT-CHILD RELATIONS/ PARENTS/
PERSONALITY/ PHYSICIAN-PATIENT
RELATIONS/ *PREOPERATIVE CARE/
TESTIS, surgery/ THORAX, surgery/ TIME
FACTORS/ TONSILLECTOMY

2668. **Melnyk J, Thompson H, Rucci AJ, et al**: Failure of transmission of the extra chromosome in subjects with 47,XYY karyotype. Lancet 2:797-8, 11 Oct 69
ANIMAL EXPERIMENTS/ *CHROMOSOME
ABERRATIONS/ FEMALE/ HUMAN/
HYPOGONADISM, familial & genetic/
KARYOTYPING/ MALE/ *MEIOSIS/
MONGOLISM, familial & genetic/ MOSAICISM/
*SEX CHROMOSOMES

2669. **Melnykovych G, Swayze MA, Bishop C, et al**: Effects of prednisoloe on esterases in heteroploid cells on human origin.
Biochim Biophys Acta 184:672-4, 2 Sep 69
ADENOSINE TRIPHOSPHATASE, metabolism/
ALKALINE PHOSPHATASE, metabolism/
CELL LINE/ CELL MEMBRANE,
drug effects/ CELL MEMBRANE, enzymology/
CHROMOSOME ABERRATIONS/ DEPRESSION,
CHEMICAL/ EMBRYO/ ESTERASES,
metabolism/ HELA CELLS/ *HYDROLASES,
metabolism/ INTESTINES/ MAGNESIUM/
NUCLEOTIDASES, metabolism/
PHOSPHATASES, metabolism/ POTASSIUM/
*PREDNISOLONE, pharmacodynamics/
SODIUM/ STIMULATION, CHEMICAL/
TISSUE CULTURE/ VIBRATION

2670. **Menahan LA, Hepp KD, Wieland O**: Liver 3':5'-nucleotide phosphodiesterase and its activity in rat livers perfused with insulin.
Europ J Biochem 8:435-43, Apr 69
*ADENINE NUCLEOTIDES, metabolism/
ADENOSINE CYCLIC 3',5'-PHOSPHATE,
metabolism/ ANIMAL EXPERIMENTS/ DOGS/
HUMAN/ HYDROGEN-ION CONCENTRATION/
IN VITRO/ *INSULIN, pharmacodynamics/
KINETICS/ LIVER, analysis/ *LIVER,
enzymology/ MAGNESIUM/ MALE/ METHODS/
MICROSOMES, analysis/ MITOCHONDRIA,
LIVER, analysis/ MOLECULAR WEIGHT/
*PHOSPHATASES, metabolism/ RABBITS/
RATS/ VENOMS, metabolism

2671. **Menard J, Malmejac A, Floret E, et al**: Rôle des surrénales dans les diminutions de la rénine plasmatique liées à une augmentation de l'angiotensinogène.
C R Acad Sci [D] (Paris) 268:2710-3, 2 Jun 69 (Fre)
*ADRENAL GLANDS, physiology/ ADRENAL
GLANDS, secretion/ ADRENALECTOMY/
*ANGIOTENSIN, blood/ ANIMAL
EXPERIMENTS/ BODY WEIGHT/
DIETHYLSTILBESTROL, pharmacodynamics/
HEMATOCRIT/ MALE/
MINERALOCORTICOIDS, secretion/ RATS/
*RENIN, blood/ WATER DEPRIVATION

2672. **Mendel' AK**: Vlianie gidrokortizona na zazhivlenie ran zheludka (éksperimental'noe issledovanie)
Klin Khir (Kiev) 2:22-8, Feb 67 (Rus)
ANIMAL EXPERIMENTS/ CATS/ CICATRIX,
drug effects/ *GASTRECTOMY/
GRANULATION TISSUE, drug effects/
*HYDROCORTISONE, pharmacodynamics/
*WOUND HEALING, drug effects

2673. **Mendels J**: Urinary 17-ketosteroid fractionation in depression: a preliminary report.
Brit J Psychiat 115:581-5, May 69
ADULT/ ANDROGENS, metabolism/
DEHYDROEPIANDROSTERONE, metabolism/
*DEPRESSION, urine/ HUMAN/
HYDROCORTISONE, metabolism/
17-KETOSTEROIDS, metabolism/
*17-KETOSTEROIDS, urine/ MALE/
TESTOSTERONE, metabolism

2674. **Mendelsohn M**: Chemotherapy in head and neck malignancies.
Eye Ear Nose Throat Monthly 48:501-5, Sep 69
ALKYLATING AGENTS, therapeutic use/
ANTIMETABOLITES, therapeutic use/
*ANTINEOPLASTIC AGENTS, therapeutic use/
*HEAD/ HORMONES, therapeutic use/
HUMAN/ *NECK NEOPLASMS, drug therapy/
*NEOPLASMS, drug therapy

2675. **Mendlowitz M, Naftchi NE, Gitlow SE, et al**: Testing in hypertension. Israel J Med Sci 5:605-7, Jul-Aug 69
ADRENAL GLAND NEOPLASMS, urine/
CUSHING'S SYNDROME, diagnosis/
DIAGNOSIS, DIFFERENTIAL/ HUMAN/
17-HYDROXYCORTICOSTEROIDS, metabolism/
*HYPERTENSION, diagnosis/
17-KETOSTEROIDS, metabolism/ METHODS/
*NOREPINEPHRINE, diagnostic use/
PHEOCHROMOCYTOMA, urine/ RENIN, blood

2676. **Meng MS, West GC, Irving L**: Fatty acid composition of caribou bone marrow.
Comp Biochem Physiol 30:187-91, 1 Jul 69
ANIMAL EXPERIMENTS/ *ARTIODACTYLA/
BONE AND BONES, anatomy & histology/
*BONE MARROW, analysis/ CHEMISTRY,
PHYSICAL/ CHROMATOGRAPHY, GAS/
*FATTY ACIDS, analysis/ FEMUR/
FORELIMB/ HINDLIMB/ HUMERUS/
METACARPUS/ METATARSUS/ RADIUS/
TEMPERATURE/ TIBIA

2677. **Meng S, Meng W**: Nachweis von Schilddrüsenantikörpern mit dem Boyden-Test.
Z Ges Inn Med 24:Suppl:98-101, 1 Apr 69 (Ger)
*AUTOANTIBODIES, analysis/ BLOOD
DONORS/ ERYTHROCYTES, analysis/
HEMAGGLUTINATION INHIBITION TESTS/
HEMAGGLUTINATION TESTS/ HUMAN/
HYPERTHYROIDISM, blood/
HYPERTHYROIDISM, immunology/
HYPOTHYROIDISM, blood/
HYPOTHYROIDISM, immunology/ PAPAIN,
blood/ THYROGLOBULIN/ THYROID
DISEASES, blood/ *THYROID DISEASES,
immunology

2678. **Mengarda G**: Il metaproterenolo nel trattamento dello shock irreversibile della sindrome di Waterhouse-Friderichsen.
Acta Anaesth (Padova) 19:Suppl 5:267-76, 1968 (Ita)
CHILD/ CHILD, PRESCHOOL/ FEMALE/
HUMAN/ ORCIPRENALINE, therapeutic use/
*RESORCINOL, therapeutic use/ *SHOCK,
drug therapy/ *WATERHOUSE-FRIDERICHSEN
SYNDROME, drug therapy

2679. **Menguy R**: Gastric mucus and the gastric mucous barrier. A review.
Amer J Surg 117:806-12, Jun 69 (25 ref.)
ASPIRIN, adverse effects/ CORTICOTROPIN,
adverse effects/ EATING/ FASTING/
*GASTRIC MUCOSA/ GASTRITIS, etiology/
HISTAMINE, physiology/ HUMAN/
HYDROGEN-ION CONCENTRATION/
INDOMETHACIN, adverse effects/ *MUCUS,
secretion/ PARATHYROID HORMONE,
physiology/ PEPTIC ULCER, chemically
induced/ PHENYLBUTAZONE, adverse effects/
REVIEW/ SEROTONIN, physiology/
*STOMACH, secretion/ SYMPATHETIC
NERVOUS SYSTEM, physiology/ VAGUS
NERVE, physiology

2680. **Mercier-Parot L, Tuchmann-Duplessis H**: Action embryotoxique et tératogène d'une méthyl-hydrazine chez la souris e le lapin.
C R Soc Biol (Paris) 163:16-20, 1969 (Fre)
*ABNORMALITIES, DRUG-INDUCED/
*ABNORMALITIES, MULTIPLE, chemically
induced/ ANIMAL EXPERIMENTS/ BONE

AND BONES, abnormalities/ EXTREMITIES, abnormalities/ EYE, abnormalities/ *HYDRAZINES, toxicity/ MICE/ NERVOUS SYSTEM, abnormalities/ PREGNANCY/ RABBITS/ SKULL, abnormalities

2681. **Meredith R:** A simple method for preparing meiotic chromosomes from mammalian testis.
Chromosoma 26:254-8, 1969
ANIMAL EXPERIMENTS/ *CHROMOSOMES/ GUINEA PIGS/ HAMSTERS/ HISTOLOGICAL TECHNICS/ HUMAN/ MALE/ MEIOSIS/ METHODS/ MICE/ *TESTIS, cytology

2682. **Merker HJ, Diaz-Encinas J:** Das elektronenmikroskopische Bild des Ovars juveniler Ratten und Kaninchen nach Stimulierung mit PMS und HCG. I. Theka und Stroma (Interstitielle Drüse)
Z Zellforsch 94:605-23, 1969 (Ger)
ANIMAL EXPERIMENTS/ CELL NUCLEUS/ CYTOPLASMIC GRANULES/ ENDOPLASMIC RETICULUM/ FEMALE/ FIBROBLASTS/ FIBROBLASTS, drug effects/ *GONADOTROPINS, CHORIONIC, pharmacodynamics/ *GONADOTROPINS, EQUINE, pharmacodynamics/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ *OVARY, cytology/ OVARY, drug effects/ RABBITS/ RATS/ STIMULATION, CHEMICAL

2683. **Merkle U:** Histologische Studie zur Morphokinese der Nebennierenrinde.
Z Mikr Anat Forsch 79:460-76, 1968 (Ger)
*ADRENAL GLANDS, cytology/ ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, physiology/ *ALDOSTERONE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CELL NUCLEUS/ *CORTICOTROPIN, pharmacodynamics/ *CORTISONE, pharmacodynamics/ *DESOXYCORTICOSTERONE, pharmacodynamics/ ENGLISH ABSTRACT/ GUINEA PIGS/ HISTOLOGICAL TECHNICS/ INJECTIONS/ KARYOMETRY/ MALE

2684. **Merli E, Binasco C, Zucconi A:** Nefrolitiasi gigante bilaterale coralliforme.
Minerva Urol 19:238-43, Sep-Oct 67 (Ita)
*CALCIUM PHOSPHATES, metabolism/ FEMALE/ HUMAN/ KIDNEY CALCULI, complications/ KIDNEY CALCULI, etiology/ KIDNEY CALCULI, metabolism/ *KIDNEY CALCULI, radiography/ KIDNEY FAILURE, ACUTE, etiology/ MIDDLE AGE/ *THYROID DISEASES, complications/ UROGRAPHY

2685. **Mertvetsov NP:** Antogonizm v deĭstvii insulina i gidrokortizona v protsesse fermentativnoĭ induktsii.
Biokhimiia 34:381-4, Mar-Apr 69 (Rus)
ANIMAL EXPERIMENTS/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ *ENZYME INDUCTION, drug effects/ HYDROCORTISONE, antagonists & inhibitors/ *HYDROCORTISONE, pharmacodynamics/ INSULIN, antagonists & inhibitors/ *INSULIN, pharmacodynamics/ *LIVER, enzymology/ PYRUVATE KINASE, biosynthesis/ RATS/ STIMULATION, CHEMICAL/ TYROSINE AMINOTRANSFERASE, biosynthesis

2686. **Messina P:** Il comportamento della mucosa orale durante terapia estroprogestinica sostitutiva (ricerca citologica con il metodo Shorr)
Stomatologica (Genova) 12:392-407, Oct-Dec 68 (Ita)
CONTRACEPTIVES, ORAL, pharmacodynamics/ ESTROGENS, pharmacodynamics/ MOUTH MUCOSA, drug effects/ PROGESTERONE, pharmacodynamics/ SPECIAL LIST DENTAL

2687. **Messini M:** Catecolamine e cardiopatia ischemica. Aspetti vari della terapia dell'infarto del miocardio.
Clin Ter 42:385-405, 15 Sep 67 (Ita)
ANIMAL EXPERIMENTS/ CATECHOLAMINES, therapeutic use/ CORTISONE, therapeutic use/ DIGITALIS GLYCOSIDES, therapeutic use/ ELECTRIC COUNTERSHOCK/ HUMAN/ INSULIN, therapeutic use/ *MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, physiopathology/ SYMPATHOLYTICS, therapeutic use/ *SYMPATHOMIMETICS, therapeutic use

2688. **Messner RP, Smith HT, Shapiro FL, et al:** The effect of hemodialysis, vitamin D, and renal homotransplantation on the calcium malabsorption of chronic renal failure. J Lab Clin Med 74:472-81, Sep 69
ADULT/ AGED/ CALCIUM ISOTOPES, blood/ *CALCIUM ISOTOPES, diagnostic use/ *CALCIUM METABOLISM DISORDERS, therapy/ *HEMODIALYSIS/ HUMAN/ HYPERPARATHYROIDISM, blood/ INJECTIONS, INTRAVENOUS/ *KIDNEY, transplantation/ KIDNEY FAILURE, CHRONIC, complications/ *MALABSORPTION SYNDROMES, therapy/ MALE/ MIDDLE AGE/ RADIOISOTOPE DILUTION TECHNIC/ TRANSPLANTATION, HOMOLOGOUS/ *VITAMIN D, therapeutic use

2689. **Methfessel HD, Löffler F:** Glukosetoleranz nach früher Kastration. Z Ges Inn Med 24:309-11, 15 May 69 (Ger)
ADULT/ BLOOD SUGAR, analysis/ *CARBOHYDRATES, metabolism/ *CASTRATION/ ENGLISH ABSTRACT/ FEMALE/ GLUCOSE TOLERANCE TEST/ HUMAN/ *OVARY, physiology/ *PREDIABETIC STATE, etiology

2690. **Metz H:** Einige seltene Formen zerebraler Anfälle bei Kindern.
Munchen Med Wschr 111:1819-20, 5 Sep 69 (Ger)
*BRAIN DISEASES, diagnosis/ CHILD/ CHILD, PRESCHOOL/ CONVULSIONS, diagnosis/ CORTICOTROPIN, therapeutic use/ DELUSIONS, diagnosis/ ELECTROENCEPHALOGRAPHY/ ENCEPHALITIS, complications/ ENGLISH ABSTRACT/ EPILEPSY, complications/ EPILEPSY, diagnosis/ HUMAN/ INFANT/ MYOCLONUS, diagnosis/ MYOCLONUS, drug therapy/ OCULOMOTOR MUSCLES

2691. **Meyer JS, D'Elia JA:** Metastatic adrenal gland carcinomatosis. Case reports.
Missouri Med 66:734-9, Sep 69
*ADRENAL GLAND NEOPLASMS, pathology/ ADULT/ AGED/ *CARCINOMA, pathology/ HUMAN/ LUNG NEOPLASMS, pathology/ MIDDLE AGE/ *NEOPLASM METASTASIS, pathology

2692. **Meyer P:** L'intérêt physiopathologique de la binéphrectomie dans l'hypertension artérielle.
Rev Franc Etud Clin Biol 14:343-5, Apr 69 (Fre)
ANGIOTENSIN, secretion/ ANIMAL EXPERIMENTS/ DOGS/ HUMAN/ *HYPERTENSION, RENAL, etiology/ *HYPERTENSION, RENAL, physiopathology/ HYPERTENSION, RENAL, therapy/ KIDNEY FAILURE, CHRONIC, therapy/ *NEPHRECTOMY/ RATS/ RENIN, blood/ RENIN, secretion/ SODIUM, physiology/ VASCULAR RESISTANCE/ WATER-ELECTROLYTE BALANCE

2693. **Meyers RD, Simmonds MA, Iversen LL:** Thermoregulation and norepinephrine.
Science 165:1030-1, 5 Sep 69
ANIMAL EXPERIMENTS/ *BODY TEMPERATURE REGULATION, drug effects/ BRAIN CHEMISTRY/ HYPOTHALAMUS, drug effects/ MONKEYS/ *NOREPINEPHRINE, pharmacodynamics/ RATS/ TRITIUM

2694. **Meyerson BJ:** Amphetamine and 5-hydroxytryptamine inhibition of copulatory behaviour in the female rat.
Ann Med Exp Biol Fenn 46:394-8, 1968
AMPHETAMINE, antagonists & inhibitors/ *AMPHETAMINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CATECHOLAMINES/ CENTRAL NERVOUS SYSTEM, drug effects/ *COITUS, drug effects/ FEMALE/ MONOAMINE OXIDASE INHIBITORS, pharmacodynamics/ NEURONS, drug effects/ RATS/ RESERPINE, pharmacodynamics/ *SEROTONIN, pharmacodynamics/ *SEX BEHAVIOR, ANIMAL, drug effects

2695. **Meylan J, Comte P:** Etude clinique d'un contraceptif

oral: Ovulen (SC 11800)
Ther Umsch 25:338-42, Jun 68 (Fre)
ADOLESCENCE/ ADULT/ CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ HUMAN/ MIDDLE AGE

2696. **Miasnikov LA**: Osnovyne napravlenila v izuchenii ateroskleroza (po dannym Instituta kardiologii im A. L. Miasnikova) Kardiologiia 7:119-24, Nov 67 (Rus)
ANIMAL EXPERIMENTS/ AORTA, metabolism/ ARTERIES, metabolism/ *ARTERIOSCLEROSIS/ ARTERIOSCLEROSIS, blood/ ARTERIOSCLEROSIS, enzymology/ ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, metabolism/ BLOOD COAGULATION/ DIET, ATHEROGENIC/ ENDOCRINE GLANDS, physiopathology/ FIBRINOLYSIS/ LIPIDS, metabolism/ LIVER, metabolism/ MUCOPOLYSACCHARIDES, metabolism/ NERVOUS SYSTEM, physiopathology/ PROTEINS, metabolism/ THYROID GLAND, physiopathology

2697. **Michailov MC**: Die Verstärkung der pressorischen Vasopressin-Reaktion durch 2-Mercaptoäthylguanidin bei der Ratte.
Experientia 25:621-2, 15 Jun 69 (Ger)
ANIMAL EXPERIMENTS/ *BLOOD PRESSURE, drug effects/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ *GUANIDINES, pharmacodynamics/ MALE/ RATS/ STIMULATION, CHEMICAL/ *SULFHYDRYL COMPOUNDS, pharmacodynamics/ VASOPRESSIN, administration & dosage/ *VASOPRESSIN, pharmacodynamics

2698. **Michajlovskij N, Sedlák J, Košteková O**: Effect of thermal treatment on the content of goitrogenic substances in plant foods.
Rev Czech Med 15:132-44, 1969
CHROMATOGRAPHY, PAPER/ COOKERY/ CZECHOSLOVAKIA/ GLYCOSIDES, analysis/ *GOITER, etiology/ GOITER, ENDEMIC, etiology/ GOITER, ENDEMIC, occurrence/ *HEAT/ HUMAN/ SPECTROPHOTOMETRY/ *THIOCYANATES, analysis/ *VEGETABLES, analysis

2699. **Michel R**: Leçon inaugurale de la Chaire d'Endocrinologie, prononcée le 16 mars 1967 à la Faculté de Pharmacie de Paris.
Ann Pharm Franc 25:561-75, Jul-Aug 67 (Fre)
CHEMISTRY, PHARMACEUTICAL/ *EDUCATION, PHARMACY, GRADUATE/ *ENDOCRINOLOGY/ FRANCE/ *HORMONES, physiology/ *THYROID HORMONES, physiology

2700. **Michel R, Bouhnik J, Michel O**: Action des hormones thyroïdiennes sur le métabolisme basal, la croissance et l'ARN polymérase hépatique du rat.
C R Soc Biol (Paris) 162:1915-9, May 69 (Fre)
ACETIC ACIDS/ ADENOSINE TRIPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ *BASAL METABOLISM/ *BODY WEIGHT/ CARBON ISOTOPES/ *LIVER, enzymology/ MALE/ NUCLEOTIDES, metabolism/ OXYGEN CONSUMPTION/ RATS/ *RNA NUCLEOTIDYL- TRANSFERASES, metabolism/ *THYROID HORMONES, physiology/ THYROIDECTOMY/ THYROXINE, physiology/ TRIIODOTHYRONINE, physiology

2701. **Michel R, Bouhnik J, Michel O**: Influence de l'adrénaline sur la consommation d'oxygène du rat thyroïdectomisé traité chroniquement aux hormones thyroïdiennes.
C R Soc Biol (Paris) 162:2104-6, 1968 (Fre)
ACETIC ACIDS/ ANIMAL EXPERIMENTS/ CATECHOLAMINES, pharmacodynamics/ *EPINEPHRINE, pharmacodynamics/ MALE/ *OXYGEN CONSUMPTION, drug effects/ RATS/ *THYROID HORMONES, pharmacodynamics/ THYROIDECTOMY/ THYROXINE, physiology/ TRIIODOTHYRONINE, physiology

2702. **Michel R, Leblanc A**: Synthèses et activités biologiques des dérivés thyroxiniens et adrénergiques. IX. Influence des hormones thyroïdennes et de leurs métabolites acétiques sur la respiration mitochondriale.
Bull Soc Chim Biol (Paris) 51:355-72, 26 Jun 69 (Fre)
*ACETATES, pharmacodynamics/ ADENINE NUCLEOTIDES, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTIBIOTICS, pharmacodynamics/ BISHYDROXYCOUMARIN, pharmacodynamics/ DEPRESSION, CHEMICAL/ DINITROPHENOLS, pharmacodynamics/ ELECTRON TRANSPORT, drug effects/ ENGLISH ABSTRACT/ HEAT/ MITOCHONDRIA, LIVER, drug effects/ *MITOCHONDRIA, LIVER, metabolism/ OLIGOMYCIN, pharmacodynamics/ OXIDATIVE PHOSPHORYLATION, drug effects/ *OXYGEN CONSUMPTION, drug effects/ RATS/ STIMULATION, CHEMICAL/ SUCCINATES, pharmacodynamics/ THERMODYNAMICS/ *THYROID HORMONES, pharmacodynamics/ TRIIODOTHYRONINE, pharmacodynamics

2703. **Michel R, Leblanc A**: Synthèses et activités biologiques des dérivés thyroxiniens et adrénergiques. X. Influence sur la respiration mitochondriale des produits thyroïdiens associés a divers effecteurs de la synthèse de l'ATP.
Bull Soc Chim Biol (Paris) 51:373-88, 26 Jun 69 (Fre)
ACETATES, pharmacodynamics/ ACETATES, physiology/ *ADENOSINE TRIPHOSPHATE, biosynthesis/ ANIMAL EXPERIMENTS/ ARSENIC, pharmacodynamics/ CALCIUM, pharmacodynamics/ DINITROPHENOLS, pharmacodynamics/ ELECTRON TRANSPORT, drug effects/ ENGLISH ABSTRACT/ MAGNESIUM, pharmacodynamics/ MITOCHONDRIA, LIVER, drug effects/ *MITOCHONDRIA, LIVER, metabolism/ *OXYGEN CONSUMPTION, drug effects/ PHOSPHATES, pharmacodynamics/ RATS/ STRONTIUM, pharmacodynamics/ *THYROID HORMONES, pharmacodynamics/ THYROXINE, physiology/ TRIIODOTHYRONINE, pharmacodynamics

2704. **Michel R, Leblanc A, Michel O**: Synthèses et activités biologiques des dérivés thyroxiniens et adrénergiques. XI. Site d'action des hormones thyroïdiennes et de leurs métabolites acétiques sur la chaine respiratoire.
Bull Soc Chim Biol (Paris) 51:389-402, 26 Jun 69 (Fre)
ACETATES, pharmacodynamics/ ADENINE NUCLEOTIDES, pharmacodynamics/ ANILINE COMPOUNDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ ASCORBIC ACID, pharmacodynamics/ CYTOCHROMES, metabolism/ DINITROPHENOLS, pharmacodynamics/ *ELECTRON TRANSPORT/ ENGLISH ABSTRACT/ FLAVINS, metabolism/ HALOGENS, pharmacodynamics/ *MITOCHONDRIA, LIVER, drug effects/ NAD, metabolism/ OLIGOMYCIN, pharmacodynamics/ OXIDOREDUCTASES, metabolism/ OXYGEN CONSUMPTION, drug effects/ RATS/ SPECTROPHOTOMETRY/ SUCCINATES, pharmacodynamics/ THERMODYNAMICS/ *THYROID HORMONES, pharmacodynamics/ UBIQUINONE, metabolism

2705. **Michel-Wolfromm H**: Le facteur psychique dans l'avortement spontané.
Rev Franc Gynec Obstet 62:433-6, Sep 67 (Fre)
*ABORTION/ FEMALE/ HORMONES, therapeutic use/ HUMAN/ *MENTAL DISORDERS/ PREGNANCY/ PSYCHOTHERAPY

2706. **Michelot J, Meyniel G, Gaillard G, et al**: Etude de la fixation et de la déshalogénation du tyrosyl-tyrosine tétraiodé marqué à l'iode 125.
C R Soc Biol (Paris) 163:132-6, 1969 (Fre)
ANIMAL EXPERIMENTS/ *IODINE, metabolism/ IODINE ISOTOPES/ KIDNEY, metabolism/ KINETICS/ LIVER, metabolism/ MALE/ OXYGEN, pharmacodynamics/ RATS/ SPLEEN, metabolism/ THYROID GLAND, metabolism/ *TYROSINE, metabolism

2707. **Michie EA, Livingstone JR**: Oestriol concentration in amniotic fluid.
Acta Endocr (Kobenhavn) 61:329-33, Jun 69

*AMNIOTIC FLUID, analysis/ BIRTH WEIGHT/ BODY WEIGHT/ *ESTRIOL, analysis/ FEMALE/ GESTATIONAL AGE/ HUMAN/ INFANT, NEWBORN/ ORGAN WEIGHT/ PLACENTA, anatomy & histology/ PREGNANCY

2708. **Miclesco-Groholsky S:** Les variations de l'amylasurie sous l'effet des nuisances sonores et vibratoires (note préliminaire)
Ann Otolaryng (Paris) 86:251-8, Apr-May 69 **(Fre)**
*ACOUSTIC TRAUMA, physiopathology/ ADULT/ AMYLASE, cerebrospinal fluid/ AMYLASE, secretion/ *AMYLASE, urine/ GASTROINTESTINAL MOTILITY/ HUMAN/ HYPOTHALAMUS, physiology/ INSULIN, secretion/ LABYRINTHINE FLUIDS, physiology/ MALE/ MIDDLE AGE/ *NOISE/ PANCREAS, secretion/ RETICULAR FORMATION, physiology/ TIME FACTORS/ *VIBRATION

2709. **Miehlke K:** Die Gicht.
Z Allgemeinmed 45:140-5, 10 Feb 69 **(Ger)**
ADULT/ COLCHICINE, therapeutic use/ FEMALE/ GLUCOCORTICOIDS, therapeutic use/ *GOUT/ GOUT, diagnosis/ GOUT, drug therapy/ GOUT, etiology/ HUMAN/ INDOMETHACIN, therapeutic use/ MALE/ MIDDLE AGE/ PHENYLBUTAZONE, therapeutic use

2710. **Mielke F, Wolter M:** Paraneoplastische Polyneuropathie bei Thymuskarzinom.
Deutsch Med Wschr 94:2102-7, 10 Oct 69 **(Ger)**
ATHETOSIS, etiology/ CASE REPORT/ CEREBROSPINAL FLUID PROTEINS, analysis/ *ENCEPHALOMYELITIS, etiology/ ENGLISH ABSTRACT/ *GANGLIA, SPINAL, physiopathology/ HUMAN/ IMMUNOLOGY/ MALE/ MIDDLE AGE/ *NEUROLOGIC MANIFESTATIONS/ *THYMUS NEOPLASMS, complications/ THYMUS NEOPLASMS, pathology/ UROGRAPHY

2711. **Mietkiewski K, Malendowicz L, Lukaszyk A:** Cytological and cytochemical comparative study on the effect of cyproterone (anti-androgen) and gonadectomy on the gonadotrophic cells of the hypophysis in male rats.
Acta Endocr (Kobenhavn) 61:293-301, Jun 69
ACID PHOSPHATASE/ ANIMAL EXPERIMENTS/ *CASTRATION, adverse effects/ ESTERASES/ HISTOCYTOCHEMISTRY/ *17-HYDROXYCORTICOSTEROIDS, pharmacodynamics/ MALE/ *PITUITARY GLAND, drug effects/ PITUITARY GLAND, pathology/ RATS/ TESTOSTERONE, antagonists & inhibitors

2712. **Miętkiewski K, Malendowicz L, Lukaszyk A:** Zmiany cytologiczne i cytochemiczne komórek przedniego płata przysadki mózgowej szczura samca po wprowadzeniu cyproteronu.
Endokr Pol 20:311-23, 1969 **(Pol)**
ACID PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ ESTERASES, analysis/ GONADOTROPINS, PITUITARY, secretion/ HISTOCYTOCHEMISTRY/ *17-HYDROXYCORTICOSTEROIDS, pharmacodynamics/ MALE/ *PITUITARY GLAND, drug effects/ PITUITARY GLAND, pathology/ RATS

2713. **Mikaelsson CG:** Epinephro-phlebography of benign tumours.
Acta Radiol [Diagn] (Stockholm) 8:129-45, Mar 69
*ADENOMA, radiography/ *ADENOMA, VIRILIZING, radiography/ *ADRENAL GLAND NEOPLASMS, radiography/ ADULT/ FEMALE/ HUMAN/ *HYPERALDOSTERONISM, radiography/ MALE/ MIDDLE AGE/ *PHEOCHROMOCYTOMA, radiography/ PHLEBOGRAPHY

2714. **Mikami S:** [Relationship between ultrastructure and function of the anterior pituitary gland in birds]
Clin Endocr (Tokyo) 17:502-11, Jun 69 (28 ref.) **(Jap)**
ANIMAL EXPERIMENTS/ *BIRDS, anatomy & histology/ CASTRATION/ CHICKENS/ CORTICOTROPIN, secretion/ FSH, secretion/ LH, secretion/ MICROSCOPY, ELECTRON/ PITUITARY GLAND, blood supply/ *PITUITARY GLAND, cytology/ *PITUITARY GLAND, physiology/ PROLACTIN, secretion/ REVIEW/ SOMATOTROPIN, secretion/ THYROIDECTOMY/ THYROTROPIN, secretion

2715. **Mikami SI, Vitums A, Farner DS:** Electron microscopic studies on the adenohypophysis of the white-crowned sparrow, Zonotrichia leucophrys gambelii.
Z Zellforsch 97:1-29, 1969
ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *BIRDS, anatomy & histology/ CASTRATION/ CYTOPLASM/ CYTOPLASMIC GRANULES/ ENDOPLASMIC RETICULUM/ FEMALE/ GOLGI APPARATUS/ HISTOLOGICAL TECHNICS/ MALE/ MICROSCOPY, ELECTRON/ *PITUITARY GLAND, cytology/ PITUITARY GLAND, physiology/ THYROIDECTOMY

2716. **Mikamo K, De Watteville H:** Etudes cytogénétiques en obstétrique.
Bull Acad Roy Med Belg 9:103-24, 1969 **(Fre)**
ABNORMALITIES, familial & genetic/ *ABORTION, familial & genetic/ *CHROMOSOME ABNORMALITIES/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT, NEWBORN/ KARYOTYPING/ MALE/ MATERNAL AGE/ PREGNANCY/ SEX CHROMOSOME ABNORMALITIES/ SEX FACTORS

2717. **Mikeladze AL, Lazriev IL:** Nekotorye osobennosti ul'trastruktury soskovidynkh tel (corpora mammillaria) golovnogo mozga.
Arkh Anat 56:28-34, Jan 69 **(Rus)**
ANIMAL EXPERIMENTS/ AXONS, cytology/ CATS/ DENDRITES, cytology/ DOGS/ *HYPOTHALAMUS, cytology/ MICROSCOPY, ELECTRON/ NEUROGLIA, cytology/ NEURONS, cytology/ ORGANOIDS/ SYNAPSES, cytology

2718. **Mikhail Y, Amin F:** Intrinsic innervation of the human adrenal gland. Acta Anat (Basel) 72:25-32, 1969
*ADRENAL GLANDS, innervation/ ADULT/ CHILD, PRESCHOOL/ DENDRITES, cytology/ *GANGLIA, AUTONOMIC, anatomy & histology/ HUMAN/ INFANT/ INFANT, NEWBORN

2719. **Mikhalevich LS:** K voprosu ob izmeneniiakh soderzhaniia kaliia i natriiav plazme i éritrotsitakh krolikov pod biianiem gliukokortikoidov.
Probl Endokr (Moskva) 14:83-5, May-Jun 68 **(Rus)**
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *ERYTHROCYTES, analysis/ POTASSIUM, analysis/ *POTASSIUM, blood/ *PREDNISOLONE, pharmacodynamics/ RABBITS/ SODIUM, analysis/ *SODIUM, blood

2720. **Mikulowski W, Wyszkowski J:** Przyczynki do choroby marmurowej kości w pediatrii.
Przegl Lek 25:488-90, 24 Jun 69 **(Pol)**
CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ HUMAN/ MALE/ MAXILLARY DISEASES, etiology/ *MAXILLARY DISEASES, radiography/ *OSTEOMYELITIS, complications/ OSTEOPETROSIS, etiology/ *OSTEOPETROSIS, radiography

2721. **Milcu SM, Păuşescu E, Drafta D, et al:** Hepatic and extrahepatic steroid metabolism in extracorporeal circulation with and without hypothermia in dogs.
Rev Roum Physiol 6:99-105, 1969
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, PAPER/ CORTISONE, blood/ DOGS/ *EXTRACORPOREAL CIRCULATION/ GLUCURONATES, blood/ *HYDROCORTISONE, blood/ *17-HYDROXYCORTICOSTEROIDS, blood/ *HYPOTHERMIA, INDUCED/ *LIVER, metabolism/ *PREGNANES, blood/ SUCCINATES/ SULFATES, blood

2722. **Mildenberger H:** Das Bauchdeckenaplasie-Syndrom.

Med Welt 23:1332-5, 7 Jun 69 (Ger)
*ABDOMINAL WALL, abnormalities/ *ABNORMALITIES, MULTIPLE, complications/ ABNORMALITIES, MULTIPLE, surgery/ BLADDER, surgery/ CHILD/ CRYPTORCHISM, complications/ HUMAN/ *HYDRONEPHROSIS, complications/ INFANT/ INFANT, NEWBORN/ MALE/ PROGNOSIS/ REIMPLANTATION/ SIGMOID, surgery/ *URETER, abnormalities/ URETER, surgery/ *URETHRAL STRICTURE, complications/ URINARY DIVERSION/ UROGRAPHY

2723. **Milhaud G, Bloch-Michel H, Coutris G, et al:** Effet de la thyrocalcitonine de porc sur l'ostéoporose humaine.
C R Acad Sci [D] (Paris) 268:3100-2, 23 Jun 69 (Fre)
AGED/ ANIMAL EXPERIMENTS/ BONE AND BONES, metabolism/ CALCIUM, metabolism/ FEMALE/ HUMAN/ INTESTINAL ABSORPTION/ MIDDLE AGE/ *OSTEOPOROSIS, drug therapy/ SWINE/ *THYROCALCITONIN, therapeutic use

2724. **Milić D:** Frakture dugih kostiju u paraplegičara.
Reumatizam 16:125-6, 1969 (Cro)
*FRACTURES, SPONTANEOUS, etiology/ HUMAN/ MIDDLE AGE/ OSTEOPOROSIS, complications/ *PARAPLEGIA, complications

2725. **Millar DG:** The lactating breast.
Practitioner 203:158-65, Aug 69
*BREAST FEEDING/ ESTROGENS, adverse effects/ ESTROGENS, pharmacodynamics/ FEMALE/ HUMAN/ INFANT, NEWBORN/ *LACTATION/ LACTATION, drug effects/ MASTITIS, complications/ PREGNANCY/ THROMBOEMBOLISM, chemically induced

2726. **Millard SA, Roggeveen AE, Geyer SJ:** Biochemical effects due to interaction of lithium ions and disulfiram in rats.
Proc Soc Exp Biol Med 131:1210-4, Sep 69
ANIMAL EXPERIMENTS/ BODY WEIGHT/ BRAIN, metabolism/ *DISULFIRAM, antagonists & inhibitors/ HYDROXYLASES, metabolism/ LITHIUM, analysis/ LITHIUM, blood/ *LITHIUM, toxicity/ MALE/ MORTALITY/ MUSCLES, metabolism/ NOREPINEPHRINE, metabolism/ PROPANEDIOLS, pharmacodynamics/ RATS/ SEROTONIN, metabolism

2727. **Mille T, Pastorino G, Arrigo A:** A new benzodiazepine: electroencephalographic studies of its anticonvulsant activity in non-anesthetized, non-curarized rabbits.
Arzneimittelforschung 19:730-5, May 69
ACTION POTENTIALS, drug effects/ AMYGDALOID BODY, drug effects/ ANIMAL EXPERIMENTS/ *ANTICONVULSANTS, pharmacodynamics/ COMPARATIVE STUDY/ DIAZEPAM, pharmacodynamics/ *DIBENZAZEPINES, pharmacodynamics/ ELECTROCARDIOGRAPHY/ ELECTROENCEPHALOGRAPHY/ ELECTROSHOCK/ HYPNOTICS AND SEDATIVES, pharmacodynamics/ HYPOTHALAMUS, drug effects/ OXAZEPAM, pharmacodynamics/ PENTYLENETETRAZOLE, antagonists & inhibitors/ RABBITS/ RETICULAR FORMATION, drug effects/ STRYCHNINE, antagonists & inhibitors/ THALAMUS, drug effects

2728. **Miller CE, Hasterlik RJ, Finkel AJ:** The argonne radium studies. Summary of fundamental data. ANL-7531 and ACRH-106. US AEC Argonne Nat Lab 1-596, Jan 69
*BONE AND BONES, radiation effects/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ *NEOPLASMS, RADIATION-INDUCED, occurrence/ OCCUPATIONAL DISEASES, occurrence/ *RADIATION INJURY, occurrence/ *RADIUM, poisoning/ *TOOTH, radiation effects

2729. **Miller OC, Roche JF, Dziuk PJ:** Estimation of the optimum interval between insemination and ovulation in the rabbit by double insemination.
J Reprod Fertil 19:545-6, Aug 69
ANIMAL EXPERIMENTS/ FEMALE/ FERTILIZATION/ *INSEMINATION, ARTIFICIAL/ MALE/ *OVULATION/ RABBITS/ SPERMATOZOA/ TIME FACTORS

2730. **Miller RB, Harrington JT, Ramos CP, et al:** Long-term results of steroid therapy in adults with idiopathic nephrotic syndrome.
Amer J Med 46:919-29, Jun 69
ADOLESCENCE/ ADULT/ AGED/ CORTISONE, adverse effects/ *CORTISONE, therapeutic use/ DEXAMETHASONE, adverse effects/ *DEXAMETHASONE, therapeutic use/ HUMAN/ KIDNEY, pathology/ KIDNEY FAILURE, ACUTE, etiology/ MIDDLE AGE/ NEPHROTIC SYNDROME, complications/ *NEPHROTIC SYNDROME, drug therapy/ PREDNISONE, adverse effects/ *PREDNISONE, therapeutic use/ PROTEINURIA, etiology

2731. **Millerschoen NR, Riggs DS:** Homeostatic control of plasma osmolality in the dog and the effect of ethanol.
Amer J Physiol 217:431-7, Aug 69
*ALCOHOL, ETHYL, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD CHEMICAL ANALYSIS/ DOGS/ FEMALE/ GLOMERULAR FILTRATION RATE/ *HOMEOSTASIS/ *KIDNEY, physiology/ MODELS, THEORETICAL/ OSMOLAR CONCENTRATION/ *OSMOSIS/ URINE, analysis/ VASOPRESSIN, secretion/ WATER-ELECTROLYTE BALANCE

2732. **Millichap JG:** Relation of laboratory evaluation to clinical effectiveness of antiepileptic drugs.
Epilepsia (Amst) 10:315-28, Jun 69 (43 ref.)
*ACETAZOLAMIDE, therapeutic use/ ACETAZOLAMIDE, toxicity/ ANIMAL EXPERIMENTS/ *ANTICONVULSANTS, therapeutic use/ ANTICONVULSANTS, toxicity/ *BENZAZEPINES, therapeutic use/ CLINICAL RESEARCH/ CONVULSIONS, chemically induced/ *CONVULSIONS, drug therapy/ *CORTICOTROPIN, therapeutic use/ DIPHENYLHYDANTOIN, therapeutic use/ DRUG TOLERANCE/ *ELECTROENCEPHALOGRAPHY/ ELECTROSHOCK/ *EPILEPSY, drug therapy/ ETHOSUXIMIDE, therapeutic use/ HUMAN/ METHSUXIMIDE, therapeutic use/ PENTYLENETETRAZOLE/ PHENOBARBITAL, therapeutic use/ PRIMIDONE, therapeutic use/ REVIEW/ TRIMETHADIONE, therapeutic use/ *UREA, therapeutic use

2733. **Milliser RV, Greenberg SR, Neiman BH:** Heterotopic renal tissue in the human adrenal gland.
J Urol 102:280-4, Sep 69
*ADRENAL GLANDS, abnormalities/ ADRENAL GLANDS, embryology/ *ADRENAL GLANDS, pathology/ HUMAN/ *KIDNEY, abnormalities/ KIDNEY GLOMERULUS, pathology/ KIDNEY TUBULES, pathology/ MALE/ MIDDLE AGE

2734. **Mills ES, Topper YJ:** Mammary alveolar epithelial cells: effect of hydrocortisone on ultrastructure.
Science 165:1127-8, 12 Sep 69
ANIMAL EXPERIMENTS/ ENDOPLASMIC RETICULUM, drug effects/ EPITHELIUM/ FEMALE/ *HYDROCORTISONE, pharmacodynamics/ IN VITRO/ MAMMAE, cytology/ *MAMMAE, drug effects/ MICE/ MICROSCOPY, ELECTRON/ PREGNANCY/ *PREGNANCY, ANIMAL/ TISSUE CULTURE

2735. **Minaguchi H, Tamura T:** [Gonadotropin]
Jap J Clin Med 27:585-92, Mar 69 (Jap)
ANIMAL EXPERIMENTS/ *GONADOTROPINS, analysis/ METHODS/ RABBITS/ RADIOIMMUNOASSAY

2736. **Mincu I:** Valoarea diagnostică a probelor de explorare a diabetului zaharat.
Med Intern (Bucur) 21:387-94, Apr 69 (Rum)
BLOOD SUGAR/ CORTISONE, diagnostic use/ *DIABETES MELLITUS, diagnosis/ FASTING/ GLUCOSE, diagnostic use/ GLUCOSE TOLERANCE TEST/ GLYCOSURIA/ HUMAN/ HYPERGLYCEMIA, chemically induced/ TOLBUTAMIDE, diagnostic use

2737. **Minetto E, Lavezzaro G, Quaglia V, et al:** Le syndrome

de carcinoide bronchique. Observation personnelle et revue de la littérature.
Presse Med 77:1287-8, 13 Sep 69 (Fre)
ADENOMA, diagnosis/ BLOOD COAGULATION DISORDERS, complications/ BRADYKININ, metabolism/ *BRONCHIAL NEOPLASMS/ BRONCHIAL NEOPLASMS, diagnosis/ *CARCINOID TUMOR/ CARCINOID TUMOR, diagnosis/ CONJUNCTIVA, pathology/ DYSPNEA, complications/ EDEMA, complications/ GASTROINTESTINAL MOTILITY/ HEART DISEASES, complications/ HUMAN/ HYDROXYINDOLEACETIC ACID, urine/ MALE/ MIDDLE AGE/ SEROTONIN, blood/ SEROTONIN, metabolism/ SKIN MANIFESTATIONS

2738. Minozzi M, Faggiano M, Lombardi G, et al: Descrizione di un caso di mosaicismo XX-XY in un soggetto con ambiguità dei genitali esterni e genitali interni di tipo femminile.
Folia Endocr (Roma) 21:431-46, Aug 68 (Ita)
CHILD/ COLPOSCOPY/ ENGLISH ABSTRACT/ *HERMAPHRODITISM/ HUMAN/ KARYOTYPING/ MALE/ *MOSAICISM/ PENIS, abnormalities/ *SEX CHROMATIN/ *SEX DIFFERENTIATION DISORDERS

2739. Minsker EI, Shmeleva LI: Modifikatsiia fliurometricheskogo metoda opredeleniie 11-oksikortikosteroidov v plazme krovi.
Lab Delo 6:366-7, 1968 (Rus)
ANIMAL EXPERIMENTS/ *CORTICOSTERONE, blood/ *FLUOROMETRY/ HUMAN/ *HYDROCORTISONE, blood/ METHODS/ RABBITS/ RATS

2740. Minsker OB: Aktinomikoz shitovidnoĭ zhelezy.
Probl Endokr (Moskva) 15:57-9, Mar-Apr 69 (Rus)
*ACTINOMYCOSIS/ ACTINOMYCOSIS, therapy/ ADOLESCENCE/ ADULT/ CHILD/ FEMALE/ HUMAN/ MALE/ *THYROID DISEASES/ THYROID DISEASES, therapy

2741. Miroinichenko EV: Vliianie razdrazhenila polovykh zhelez na regeneratsiiu shchitovidnoĭ zhelezy.
Biull Eksp Biol Med 67:87-90, Mar 69 (Rus)
ANDROGENS, physiology/ ANIMAL EXPERIMENTS/ ESTROGENS, physiology/ FEMALE/ MALE/ OVARY, physiology/ RABBITS/ *REGENERATION/ *SEX HORMONES, physiology/ TESTIS, physiology/ *THYROID GLAND, physiology/ THYROIDECTOMY

2742. Mironova VM: Pro biolochichnu aktyvnist' previtaminu-3. Ukr Biokhim Zh 40:576-80, 1968 (Ukr)
ALKALINE PHOSPHATASE, blood/ ANIMAL EXPERIMENTS/ BONE AND BONES, metabolism/ CALCIUM, blood/ CHICKENS/ CHOLECALCIFEROL, therapeutic use/ CHOLESTANES, radiation effects/ *CHOLESTANES, therapeutic use/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ LIGHT/ METALS, metabolism/ PHOSPHORUS, blood/ *RICKETS, drug therapy/ STEROLS, radiation effects/ *STEROLS, therapeutic use

2743. Mirouze J, Mion C, Roquefeuil B: Incidence sur l'équilibre glycémique de la corticothérapie massive appliquée au traitement du collapsus septique en réanimation métabolique.
Sem Hop Paris 45:1673-7, 20 May 69 (Fre)
ADULT/ AGED/ *BLOOD SUGAR/ DIABETES MELLITUS, chemically induced/ HUMAN/ *HYDROCORTISONE, administration & dosage/ HYDROCORTISONE, adverse effects/ HYPERGLYCEMIA, chemically induced/ HYPERGLYCEMIA, complications/ HYPOTENSION, drug therapy/ INSULIN, secretion/ MIDDLE AGE/ *SHOCK, ENDOTOXIC, drug therapy/ TRIAMCINOLONE, therapeutic use

2744. Mirouze J, Mion C, Roquefeuil B: La corticothérapie massive dans le traitement du collapsus septique.
Sem Hop Paris 45:1663-72, 20 May 69 (Fre)
ADULT/ AGED/ BLOOD VOLUME/ *CORTISONE, administration & dosage/ CORTISONE, adverse effects/ FEVER/ HUMAN/ HYDROCORTISONE, therapeutic use/ ISOPROTERENOL, therapeutic use/ KIDNEY FAILURE, CHRONIC/ MIDDLE AGE/ SEPTICEMIA, complications/ *SEPTICEMIA, drug therapy/ SHOCK, TOXIC, complications/ *SHOCK, TOXIC, drug therapy/ TACHYCARDIA, etiology/ URINARY TRACT INFECTIONS/ VASOCONSTRICTOR AGENTS, therapeutic use

2745. Mishkinsky J, Khazen K, Sulman FG: Mammotropic effect of fluphenazine enanthate in the rat.
Neuroendocrinology 4:321-5, 1969
ANIMAL EXPERIMENTS/ CACAO/ CHEMISTRY/ ESTRADIOL, administration & dosage/ FEMALE/ FLUPHENAZINE, administration & dosage/ *FLUPHENAZINE, pharmacodynamics/ HYPOTHALAMUS/ INJECTIONS, SUBCUTANEOUS/ LACTATION, drug effects/ *MAMMAE, drug effects/ RATS/ SODIUM CHLORIDE, pharmacodynamics/ STEREOTAXIC TECHNICS/ TIME FACTORS

2746. Misono Y, Seki Y: [Combined effect of HMG and Clomid on ovulation] Sanfujin Jissai 18:307-13, Apr 69 (Jap)
ADULT/ *AMENORRHEA, drug therapy/ *CLOMIPHENE, administration & dosage/ FEMALE/ *GONADOTROPINS, administration & dosage/ HUMAN/ *OVULATION, drug effects

2747. Mitchell P, Moyle J: Translocation of some anions cations and acids in rat liver mitochondria.
Europ J Biochem 9:149-55, Jun 69
ACETATES, metabolism/ *ACIDS, metabolism/ AMMONIUM COMPOUNDS, metabolism/ ANIMAL EXPERIMENTS/ ANTIBIOTICS, pharmacodynamics/ CHOLINE, metabolism/ EQUILIBRIUM/ FERRICYANIDES, metabolism/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ *IONS, metabolism/ *MITOCHONDRIA, LIVER, metabolism/ PHOSPHATES, metabolism/ PHOSPHORIC ACIDS, metabolism/ POTASSIUM, metabolism/ RATS/ SODIUM, metabolism/ SULFATES, metabolism/ THIOCYANATES, metabolism

2748. Mitchell TG: Radionuclide dosimetry.
Radiol Clin N Amer 7:195-205, Aug 69
CHROMIUM ISOTOPES/ IODINE ISOTOPES/ MATHEMATICS/ METHODS/ *RADIOISOTOPES/ *RADIOMETRY/ THYROID GLAND FUNCTION TESTS

2749. Mitev IP, Kryshkova AM, Pashev IG, et al: Vliianie kortizona na nekotorye fermenty v pochkakh krolikov. Vop Med Khim 15:75-8, Jan-Feb 69 (Rus)
*ALANINE AMINOTRANSFERASE, metabolism/ ANIMAL EXPERIMENTS/ *ASPARTATE AMINOTRANSFERASE, metabolism/ *CORTISONE, pharmacodynamics/ ENGLISH ABSTRACT/ ENZYME INDUCTION/ GLUCONEOGENESIS/ GLUTAMATE DEHYDROGENASE, biosynthesis/ *GLUTAMATE DEHYDROGENASE, metabolism/ GLUTAMATES, pharmacodynamics/ *KIDNEY, enzymology/ *LACTATE DEHYDROGENASE, metabolism/ PROTEINS, metabolism/ RABBITS/ SOLUBILITY/ STIMULATION, CHEMICAL/ TIME FACTORS

2750. Mitsui I, Fukada N, Matsuo T, et al: [Simple rapid measurement of HCG-radioimmunoassay]
J Jap Obstet Gynec Soc 21:413-4, Apr 69 (Jap)
ANIMAL EXPERIMENTS/ ERYTHROCYTES, immunology/ *GONADOTROPINS, CHORIONIC, analysis/ METHODS/ RABBITS/ *RADIOIMMUNOASSAY/ SHEEP/ TANNINS

2751. Miura K, Iino M, Demura H, et al: [Interesting case of heterotopic ACTH syndrome caused by cancer of the large intestine] Saishin Igaku 24:943-52, Apr 69 (Jap)
*COLONIC NEOPLASMS, metabolism/ COLONIC NEOPLASMS, pathology/ *CORTICOTROPIN, secretion/ EDEMA, complications/ *HORMONES, ECTOPIC, secretion/ HUMAN/ HYPERTENSION, complications/ HYPOKALEMIA, complications/

MALE/ MIDDLE AGE/ PIGMENTATION DISORDERS, complications

2752. Miura K, Miura S: [New endocrine disorders attracting current interest--adrenal system]
Clin Endocr (Tokyo) 17:407-21, May 69 (130 ref.) (Jap)
ADDISON'S DISEASE, complications/ ADOLESCENCE/ *ADRENAL GLAND DISEASES/ ADRENAL GLAND NEOPLASMS/ ADULT/ ALDOSTERONE, secretion/ ALDOSTERONE, urine/ BLOOD PRESSURE/ CORTICOTROPIN, pharmacodynamics/ CUSHING'S SYNDROME, etiology/ DEXAMETHASONE, diagnostic use/ FEMALE/ HUMAN/ HYPERALDOSTERONISM, complications/ HYPERALDOSTERONISM, diagnosis/ HYPERTENSION, etiology/ MALE/ METYRAPONE, diagnostic use/ PHEOCHROMOCYTOMA/ PREGNANEDIOL, urine/ RENIN, blood/ REVIEW/ TIME FACTORS

2753. Miura Y: Improved method for measurement of renin activity in human plasma.
Tohoku J Exp Med 98:125-34, Jun 69
ANGIOTENSIN, blood/ ANGIOTENSIN AMIDE/ ANGIOTENSINASE, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BLOOD PRESSURE/ CHROMATOGRAPHY/ EDTA/ FEMALE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ HYPERALDOSTERONISM, blood/ HYPERTENSION, MALIGNANT, blood/ HYPERTENSION, RENAL, blood/ ISOFLUROPHATE/ MALE/ METHODS/ PENTOBARBITAL/ RATS/ *RENIN, blood

2754. Miyai K, Fukuchi M: [Advances and problems in TSH measurement]
Clin Endocr (Tokyo) 17:253-60, Apr 69 (41 ref.) (Jap)
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CATTLE/ GUINEA PIGS/ HUMAN/ HYPERTHYROIDISM, diagnosis/ HYPOTHYROIDISM, diagnosis/ METHODS/ RADIOIMMUNOASSAY/ RATS/ REVIEW/ *THYROTROPIN, analysis

2755. Miyake H: [Study on estrogen, pregnanediol and gonadotropin in patients with an abnormal feeling in the throat] J Otolaryng Jap 72:876-83, Apr 69 (Jap)
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ CHILD/ CHILD, PRESCHOOL/ *ESTROGENS, urine/ FEMALE/ *GONADOTROPINS, urine/ HUMAN/ MALE/ MENOPAUSE/ MIDDLE AGE/ *PARESTHESIA, urine/ *PHARYNGEAL DISEASES, urine/ *PREGNANEDIOL, urine/ SEX FACTORS

2756. Miyake T: [Causative relations between pituitary luteinizing hormone release and secretion of ovarian steroid in sexual cycles in rats]
Saishin Igaku 24:1012-23, May 69 (Jap)
ANIMAL EXPERIMENTS/ CASTRATION/ ESTRADIOL, pharmacodynamics/ *ESTROGENS, secretion/ *ESTRUS/ FEMALE/ HYPOPHYSECTOMY/ INJECTIONS, SUBCUTANEOUS/ *LH, secretion/ *OVARY, secretion/ OVULATION/ *PROGESTERONE, secretion/ RATS/ TIME FACTORS

2757. Miyaki K, Akao M, Terao K, et al: Modes of action of three bacteriostatic agents in their inhibitory effect on induction of hepatoma in rats fed 4-(dimethylamono)-azobenzene. I. Effect on metabolic fate of 4-(dimethylamino)azobenzene.
Gann 60:167-79, Apr 69
*ACETIC ACIDS, pharmacodynamics/ *ACRYLATES, pharmacodynamics/ AMIDES, pharmacodynamics/ ANIMAL EXPERIMENTS/ AZO COMPOUNDS, analysis/ AZO COMPOUNDS, urine/ BODY WEIGHT/ CHROMATOGRAPHY, THIN LAYER/ DIET/ DIMETHYLAMINOAZOBENZENE, antagonists & inhibitors/ DIMETHYLAMINOAZOBENZENE, metabolism/ FECES, analysis/ HEPATOMA, chemically induced/ *HEPATOMA, metabolism/ *HYDROXYPROPIOPHENONE, pharmacodynamics/ HYPERPLASIA/ INTESTINE, SMALL, metabolism/ LIVER, metabolism/ LIVER, pathology/ MALE/ *NEOPLASMS, EXPERIMENTAL, metabolism/ ORGAN WEIGHT/ PROTEIN BINDING/ RATS/ TESTIS, pathology/ TIME FACTORS

2758. Miyao K, Ogo T, Igarashi S, et al: [Pharmacological studies on a bronchodilator, isoprophenamine]
Folia Pharmacol Jap 65:93-119, 20 Mar 69 (Jap)
ACETYLCHOLINE, pharmacodynamics/ ALBUMINS, pharmacodynamics/ AMINOPHYLLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BRONCHI, drug effects/ *BRONCHODILATOR AGENTS, pharmacodynamics/ CARBOHYDRATES, metabolism/ CENTRAL NERVOUS SYSTEM, drug effects/ COMPARATIVE STUDY/ DEXAMETHASONE, pharmacodynamics/ DOGS/ ENGLISH ABSTRACT/ EPHEDRINE, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ GUINEA PIGS/ HEART, drug effects/ HISTAMINE, pharmacodynamics/ IN VITRO/ INTESTINE, SMALL, drug effects/ ISOPROTERENOL, pharmacodynamics/ KIDNEY, drug effects/ LIPIDS, metabolism/ MALE/ MUSCLE, SMOOTH, drug effects/ *PROPYLAMINES, pharmacodynamics/ RABBITS/ SEROTONIN, pharmacodynamics/ *SYMPATHOMIMETICS, pharmacodynamics/ VAS DEFERENS, drug effects

2759. Miyazaki M, Yoshizawa I, Fishman J: Directive O methylation of estrogen catechol sulfates.
Biochemistry (Wash) 8:1669-72, Apr 69
AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CATECHOL, metabolism/ ESTERS/ ESTRADIOL, metabolism/ *ESTRANES, metabolism/ ESTRONE/ LIVER, enzymology/ LIVER, metabolism/ METHIONINE/ METHYLATION/ NUCLEOSIDES/ RATS/ *STEROLS, metabolism/ SULFATES/ *TRANSFERASES, metabolism/ ULTRAVIOLET RAYS

2760. Miyazaki Y: [Occurrence of prostaglandin E1 in the mucous membrane layer of swine large intestine.
Sapporo Med J 34:321-34, Nov 68
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY/ CHROMATOGRAPHY, THIN LAYER/ ENGLISH ABSTRACT/ GUINEA PIGS/ HUMAN/ *INTESTINAL MUCOSA, analysis/ *INTESTINE, LARGE, analysis/ MUSCLE, SMOOTH, drug effects/ *PROSTAGLANDINS, isolation & purification/ RABBITS/ SWINE

2761. Mobbs BG: Uptake of (3H)oestradiol by dimethylbenzanthracene-induced rat mammary tumours regressing spontaneously or after ovariectomy. J Endocr 44:463-4, Jul 69
ANIMAL EXPERIMENTS/ *BENZANTHRACENES/ *CASTRATION/ *ESTRADIOL, metabolism/ FEMALE/ *MAMMARY NEOPLASMS, EXPERIMENTAL, chemically induced/ MAMMARY NEOPLASMS, EXPERIMENTAL, metabolism/ NEOPLASM REGRESSION, SPONTANEOUS/ RATS/ TRITIUM

2762. Mochizuki M, Ashidaka Y, Tokura Y, et al: [Comparative study of biochemical characteristics of purified HCG. 2]
J Jap Obstet Gynec Soc 21:319-20, Mar 69 (Jap)
AMINO ACIDS, analysis/ CARBOHYDRATES, analysis/ FSH, analysis/ *GONADOTROPINS, CHORIONIC, analysis/ LH, analysis

2763. Mochizuki M, Murata T, Tojo S: [Observation on HPL derived from ciliated tumors]
J Jap Obstet Gynec Soc 21:321-2, Mar 69 (Jap)
ANIMAL EXPERIMENTS/ FATTY ACIDS, NONESTERIFIED, blood/ *FATTY ACIDS, NONESTERIFIED, metabolism/ FEMALE/ HUMAN/ *HYDATIDIFORM MOLE, metabolism/ *LIPASE, metabolism/ MALE/ *PLACENTAL HORMONES, pharmacodynamics/ PLACENTAL LACTOGEN, pharmacodynamics/ PREGNANCY/ RATS

2764. Modica R, Borio PS: Contributo al trattamento delle

artropatie temporo-mandibolari mediante infiltrazione endo e peri-articolare con Kenacort A.
Ann Stomat (Roma) 18:457-82, May 69 (Ita)
ADULT/ CLINICAL RESEARCH/ *COSTEN'S SYNDROME, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INJECTIONS, INTRA-ARTICULAR/ MALE/ MUSCLE RELAXANTS, therapeutic use/ *TRIAMCINOLONE ACETONIDE, therapeutic use

2765. **Moehlig RC:** Parotid gland swelling due to methimazole. JAMA 209:1224, 25 Aug 69
FEMALE/ HUMAN/ HYPERTHYROIDISM, drug therapy/ *IMIDAZOLES, adverse effects/ METHIMAZOLE, adverse effects/ MIDDLE AGE/ *PAROTID GLAND, drug effects/ SALIVARY GLAND DISEASES, chemically induced/ *THYROID ANTAGONISTS, adverse effects

2766. **Moguilevsky JA, Libertun C, Szarcfarb B:** Cytochrome oxidase activity in different hypothalamic areas. Influence of castration.
Experientia 25:378-9, 15 Apr 69
ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ *CASTRATION/ *CYTOCHROME OXIDASE, metabolism/ *HYPOTHALAMUS, enzymology/ MALE/ MANOMETRY/ RATS/ SUCCINATE DEHYDROGENASE, metabolism

2767. **Mohan H, Gupta AN:** Proptosis--a clinical analysis of 141 cases. J All India Ophthal Soc 16:91-7, Jun 68
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ *EXOPHTHALMOS, etiology/ EXOPHTHALMOS, occurrence/ FEMALE/ HUMAN/ INDIA/ INFANT/ MALE/ MIDDLE AGE/ STATISTICS

2768. **Molina RA, Sanchez H, Nuñez Montiel JT, et al:** Hialinización masiva de gonada disgenética.
Rev Obstet Ginec Venez 28:421-6, 1968 (Spa)
ADULT/ FEMALE/ HUMAN/ *TURNER'S SYNDROME, pathology

2769. **Molina Navia L:** El síndrome del ovario poliquístico y la prueba de Vito Patrono en el diagnóstico diferencial. Consideractiones terapéuticas.
Ginec Obstet Mex 22:1521-6, Nov 67 (Spa)
ADOLESCENCE/ ADULT/ FEMALE/ HUMAN/ 17-KETOSTEROIDS, biosynthesis/ 17-KETOSTEROIDS, urine/ MALE/ METHODS/ *OVARIAN CYSTS, diagnosis/ PROGESTERONE, pharmacodynamics

2770. **Molinatti GM, Losana O, Tripodina A:** L'ipoparatiroidismo secondario (osservazioni cliniche e metaboliche su una casistica di 1344 tiroidectomie)
Folia Endocr (Roma) 21:447-58, Aug 68 (Ita)
*CALCIUM, metabolism/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPOPARATHYROIDISM, etiology/ HYPOPARATHYROIDISM, metabolism/ MALE/ *PHOSPHORUS, metabolism/ TETANY, metabolism/ THYROID DISEASES, complications/ THYROID NEOPLASMS, complications/ *THYROIDECTOMY, adverse effects

2771. **Molino G, Giadano GP, Perotti L, et al:** Modalita' di allestimento di derivati termostabili dei corticosteroidi: formazione di trimetil-silil-eteri delle metossime.
Boll Soc Ital Biol Sper 44:1490-4, 30 Sep 68 (Ita)
*ADRENAL CORTEX HORMONES/ CHEMISTRY, PHARMACEUTICAL

2772. **Molitor J:** Untersuchungen über die Beanspruchung des Kiefergelenks.
Z Anat Entwicklungsgesch 128:109-40, 1969 (Ger)
*BIOMECHANICS/ *BONE AND BONES, physiology/ DENTAL STRESS ANALYSIS/ ELASTICITY/ ENGLISH ABSTRACT/ HUMAN/ *JOINTS, physiology/ *MODELS, STRUCTURAL/ *TEMPOROMANDIBULAR JOINT, physiology

2773. **Möllerberg H, Sandberg I:** Tubular reabsorption of phosphate in nephrolithiasis and hyperparathyroidism.
Scand J Urol Nephrol 2:109-14, 1968
ABSORPTION/ ADOLESCENCE/ ADULT/ AGED/ FEMALE/ HUMAN/ HYPERPARATHYROIDISM, enzymology/ *HYPERPARATHYROIDISM, metabolism/ KIDNEY CALCULI, enzymology/ *KIDNEY CALCULI, metabolism/ *KIDNEY TUBULES, metabolism/ MALE/ MIDDLE AGE/ PHOSPHATES, blood/ *PHOSPHATES, metabolism/ PHOSPHATES, urine

2774. **Molteni A, Brownie AC, Skelton FR:** Production of hypertensive vascular disease in the rat by methyltestosterone. Lab Invest 21:129-37, Aug 69
ADRENAL GLANDS, pathology/ ANABOLIC STEROIDS/ ANIMAL EXPERIMENTS/ CORTICOSTERONE, biosynthesis/ FEMALE/ *HYPERTENSION, chemically induced/ INJECTIONS, SUBCUTANEOUS/ KIDNEY, analysis/ KIDNEY, pathology/ *METHYLTESTOSTERONE/ MUSCLES, analysis/ POTASSIUM, analysis/ RATS/ RENIN, analysis/ SODIUM, analysis/ *VASCULAR DISEASES, chemically induced

2775. **Momchilov BB, Enchev EM:** Opyt razrabotki bystroĭ immunologicheskoĭ proby dlia ranneĭ diagnostiki beremennosti. Lab Delo 5:289-92, 1968 (Rus)
*AGGLUTINATION TESTS/ FEMALE/ *GONADOTROPINS, CHORIONIC, urine/ HUMAN/ IMMUNOELECTROPHORESIS/ METHODS/ PREGNANCY/ *PREGNANCY TESTS

2776. **Monckeberg F:** Efecto de la desnutrición en el organismo humano en desarrollo.
Medicina (B Air) 27:401-18, Nov-Dec 67 (Spa)
AGE FACTORS/ ATROPHY, etiology/ AVITAMINOSIS, complications/ BLOOD PROTEINS, analysis/ BODY HEIGHT/ CHILD/ *CHILD DEVELOPMENT/ CHILD, PRESCHOOL/ GROWTH DISORDERS/ HUMAN/ INFANT/ INFANT, NEWBORN/ *INFANT NUTRITION DISORDERS, complications/ KWASHIORKOR, etiology/ LIVER EXTRACTS, metabolism/ *NUTRITION DISORDERS, complications/ PROTEIN DEFICIENCY, etiology/ SOCIOECONOMIC FACTORS/ SOMATOTROPIN, pharmacodynamics/ TRIGLYCERIDES, metabolism

2777. **Monden Y, Nakahara K, Iwamoto H, et al:** [Case of fatal recurrent thymoma 5 years after thymectomy--thymoma with squamous cell carcinoma-like lesions]
Jap J Cancer Clin 15:509-12, May 69 (Jap)
ADULT/ *CARCINOMA, EPIDERMOID, pathology/ HUMAN/ MALE/ *NEOPLASM RECURRENCE, LOCAL, pathology/ THYMECTOMY/ *THYMOMA, pathology/ *THYMUS NEOPLASMS, pathology/ TIME FACTORS

2778. **Monnet P, Peytel J, Salle B, et al:** Le nanisme diastrophique. (A propos de six observations dont trois chez le nouveau-né)
Ann Pediat (Paris) 14:483-9, Jun-Jul 67 (Fre)
*ACHONDROPLASIA/ ADOLESCENCE/ CHILD/ *DWARFISM/ *DYSCHONDROPLASIA/ *ECCENTRO- OSTEOCHONDRODYSPLASIA/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ MALE

2779. **Monroe SE, Rebar RW, Gay VL, et al:** Radioimmunoassay determination of luteinizing hormone during the estrous cycle of the rat.
Endocrinology 85:720-4, Oct 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ COMPARATIVE STUDY/ *ESTRUS/ FEMALE/ HEART, injuries/ *LH, analysis/ *LH, blood/ LH, secretion/ METHODS/ *PITUITARY GLAND, analysis/ PUNCTURES/ *RADIOIMMUNOASSAY/ RATS

2780. **Monsaingeon A, Levillain P, Molimard R:** Augmentation de l'acide vanyl mandélique urinaire dans les suites opératoires.

Rev Franc Etud Clin Biol 14:384-8, Apr 69 (Fre)
*ADRENAL MEDULLA, physiology/ ENGLISH ABSTRACT/ EPINEPHRINE, blood/ EPINEPHRINE, urine/ HUMAN/ *MANDELIC ACID, urine/ NOREPINEPHRINE, blood/ NOREPINEPHRINE, urine/ *SURGERY, OPERATIVE/ VANILMANDELIC ACID, urine

2781. **Monteforte C, Imparato E:** Modificazioni istologiche ed istochimiche endometriali osservate in corso di terapia con estro-progestativi di sintesi.
Arch Ostet Ginec 73:1059-70, Nov-Dec 68 (Ita)
ADULT/ *ENDOMETRIUM, drug effects/ *ENDOMETRIUM, pathology/ ENGLISH ABSTRACT/ FEMALE/ HISTOCYTOCHEMISTRY/ HISTOLOGICAL TECHNICS/ HUMAN/ *PROGESTERONE, pharmacodynamics

2782. **Montenegro JL, Bloise W, Coelho Neto AS, et al:** Bone maturation and growth in juvenile hyperthyroidism.
Rev Ass Med Brasil 15:11-4, Jan 69
ADOLESCENCE/ *BONE DEVELOPMENT/ CHILD/ HUMAN/ *HYPERTHYROIDISM, complications

2783. **Montgrain C:** Dosages fluorimétriques des 11-hydroxycorticostéroides libres de l'urine et du cortisol plasmatique.
Canad J Med Techn 31:119-24, Jun 69 (Fre)
*ADRENAL CORTEX HORMONES, urine/ ENGLISH ABSTRACT/ *FLUOROMETRY/ *HYDROCORTISONE, blood/ METHODS

2784. **Moon RC:** Relationship between previous reproductive history and chemically induced mammary cancer in rats. Int J Cancer 4:312-7, 15 May 69
ANIMAL EXPERIMENTS/ *BENZANTHRACENES/ FEMALE/ *LACTATION/ *MAMMARY NEOPLASMS, EXPERIMENTAL, chemically induced/ *MAMMARY NEOPLASMS, EXPERIMENTAL, occurrence/ *METHANE/ PREGNANCY/ *PREGNANCY, MULTIPLE

2785. **Moore GE, Bross ID, Ausman R, et al:** Effects of chlorambucil (NSC-3088) in 374 patients with advanced cancer. Eastern Clinical Drug Evualuation Program. Cancer Chemother Rep 52:661-6, Oct 68
CARCINOMA, drug therapy/ CERVIX NEOPLASMS, drug therapy/ CHLORAMBUCIL, therapeutic use/ CHLORAMBUCIL, toxicity/ CLINICAL RESEARCH/ HUMAN/ *NEOPLASMS, drug therapy/ OVARIAN NEOPLASMS, drug therapy/ PANCREATIC NEOPLASMS, drug therapy/ SARCOMA, drug therapy

2786. **Moore GE, Bross ID, Ausman R, et al:** Effects of meturedepa (NSC-51325) in 233 patients with advanced cancer. Eastern Clinical Drug Evaluation Program. Cancer Chemother Rep 52:667-73, Oct 68
*ALKYLATING AGENTS, therapeutic use/ *AZIRINES, therapeutic use/ BREAST NEOPLASMS, drug therapy/ *CARBAMATES, therapeutic use/ CLINICAL RESEARCH/ HUMAN/ LUNG NEOPLASMS, drug therapy/ LYMPHOMA, drug therapy/ METUREDEPA, therapeutic use/ METUREDEPA, toxicity/ *NEOPLASMS, drug therapy/ OVARIAN NEOPLASMS, drug therapy

2787. **Moraes S de, Carvalho FV:** Cobalt ion and the mechanical response of the depolarized smooth muscle. Pharmacology (Basel) 2:230-6, 1969
ACETYLCHOLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BARIUM, pharmacodynamics/ CALCIUM, pharmacodynamics/ *COBALT, pharmacodynamics/ DUODENUM, drug effects/ DUODENUM, metabolism/ FEMALE/ MALE/ MEMBRANE POTENTIALS, drug effects/ *MUSCLE CONTRACTION, drug effects/ *MUSCLE, SMOOTH, drug effects/ POTASSIUM CHLORIDE, metabolism/ RATS/ SEROTONIN, pharmacodynamics/ UTERUS, drug effects/ UTERUS, metabolism

2788. **Moragas A, Ballabriga A:** Congenital lipoid hyperplasia of the fetal adrenal gland.
Helv Paediat Acta 24:226-38, Apr 69
ADRENAL GLAND DISEASES, complications/ ADRENAL GLAND DISEASES, diagnosis/ *ADRENAL GLAND DISEASES, pathology/ ADRENAL GLANDS, anatomy & histology/ ADRENAL GLANDS, embryology/ ADRENOGENITAL SYNDROME, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ *ERYTHROBLASTOSIS, FETAL, complications/ FEMALE/ *FETAL DISEASES, pathology/ HUMAN/ HYPERPLASIA, pathology/ INFANT, NEWBORN/ INFANT, PREMATURE/ LIPIDS, analysis/ ORGAN WEIGHT

2789. **Morchio R, Ciferri A:** The role of calcium and of in vitro aging on the creep behavior of collagen tendons.
Biophysik 5:327-30, 1969
*AGING/ ANIMAL EXPERIMENTS/ BIOMECHANICS/ *CALCIUM, physiology/ *COLLAGEN/ EDTA/ IN VITRO/ MINERALS, analysis/ RATS/ SPECTROPHOTOMETRY/ TAIL/ TENDONS, drug effects/ *TENDONS, physiology/ THIOCYANATES/ TIME FACTORS

2790. **Moreira ML, Carvalho AD de:** Estudo histoquímico de polissacarídeos no colóide de glândula tireóide de Mammalia: Rodentia (Rattus norvergicus albinus, Mus musculus, Cavia porcellus, Lagomorpha (Lepus cuniculus), Carnivora (Canis familiaris e Felis domestica), Xenarthra (Dasypus novemcinctus)
Arq Cent Estud Fac Odont (B Horiz) 6:27-33, Jan-Jun 69 (Por)
CARNIVORA/ COLLOIDS/ EDENTATA/ POLYSACCHARIDES, analysis/ RODENTS/ SPECIAL LIST DENTAL/ THYROID GLAND, analysis

2791. **Morel P, Bryon PA, Guyon JM, et al:** Hémopathie maligne de type aplastique avec anomalies nucléaires majeures des granulocytes.
Sem Hop Paris 44:3026-8, 26 Nov 68 (Fre)
AGED/ AGRANULOCYTOSIS, diagnosis/ *ANEMIA, APLASTIC, diagnosis/ ANEMIA, APLASTIC, therapy/ BLOOD CELL COUNT/ BLOOD TRANSFUSION/ BONE MARROW EXAMINATION/ CELL NUCLEUS/ CORTISONE, therapeutic use/ CUSHING'S SYNDROME, diagnosis/ FEMALE/ HEMATOMA, diagnosis/ HUMAN/ *LEUKOCYTES/ MICROSCOPY, ELECTRON/ POLYNEURITIS, diagnosis/ RETROPERITONEAL SPACE

2792. **Mori H:** [Light absorption analysis. 3. Infrared rays]
Clin Endocr (Tokyo) 17:462-6, May 69 (Jap)
ESTRONE, analysis/ *INFRARED RAYS/ PROGESTERONE, analysis/ *SPECTROPHOTOMETRY/ TESTOSTERONE, analysis

2793. **Mori T:** [Histochemical and biochemical study of the activity of 3-beta-hydroxysteroid dehydrogenase in the ovary of normal adult women]
J Jap Obstet Gynec Soc 21:227-34, Mar 69 (Jap)
ADULT/ ANIMAL EXPERIMENTS/ CORPUS LUTEUM, enzymology/ FEMALE/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ HISTOCYTOCHEMISTRY/ HUMAN/ HYDROXYSTEROID DEHYDROGENASE, antagonists & inhibitors/ *HYDROXYSTEROID DEHYDROGENASE, metabolism/ IN VITRO/ *OVARY, enzymology/ RATS/ SEX HORMONES, pharmacodynamics/ STIMULATION, CHEMICAL

2794. **Mori T:** Histological and histochemical studies of human anovulatory ovaries correlated with endocrinological analysis.
Acta Obstet Gynaec Jap 16:156-64, Jul 69
FEMALE/ GONADOTROPINS, diagnostic use/ HISTOCYTOCHEMISTRY/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS/ HYDROXYSTEROID DEHYDROGENASE/ INJECTIONS, INTRAMUSCULAR/ 17-KETOSTEROIDS/ *OVARIAN DISEASES, pathology/ *OVARY, pathology/ *OVULATION

2795. **Mori T:** [Study of the effect of gonadotropin on the dynamics of ovarian nucleic acids using spectrophotometry]

J Jap Obstet Gynec Soc 21:357-63, Apr 69 (Jap)
*DNA, analysis/ FEMALE/ *GONADOTROPINS, pharmacodynamics/ HISTOCYTOCHEMISTRY/ HUMAN/ OVARY, analysis/ *OVARY, drug effects/ *RNA, analysis/ SPECTROPHOTOMETRY

2796. **Mori W, Suzuta T, Hasegawa W:** Considerations of some serologic reactions for autoantibodies against the liver. Amer J Dig Dis 14:566-77, Aug 69
ADOLESCENCE/ ADULT/ AGED/ *AUTOANTIBODIES, isolation & purification/ *AUTOIMMUNE DISEASES, occurrence/ AUTOIMMUNE DISEASES, pathology/ BLADDER NEOPLASMS, immunology/ BREAST NEOPLASMS, immunology/ COMPLEMENT FIXATION TESTS/ DISGERMINOMA, immunology/ FEMALE/ GEL DIFFUSION TESTS/ HEMAGGLUTINATION TESTS/ HUMAN/ *KIDNEY, immunology/ LARYNGEAL NEOPLASMS, immunology/ *LIVER, immunology/ LIVER CIRRHOSIS, immunology/ LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology/ MALE/ MIDDLE AGE/ PURPURA, THROMBOTIC THROMBOPENIC, immunology

2797. **Moricard R, Sallusto A:** Cytologie ultrastructurale de la terminaison de la mitose hétérotypique provoquée par le coit et les gonadotrophines chez la Lapine. C R Acad Sci [D] (Paris) 268:2458-61, 19 May 69 (Fre)
ANIMAL EXPERIMENTS/ *COITUS/ ESTRUS/ FEMALE/ GOLGI APPARATUS/ *GONADOTROPINS, pharmacodynamics/ *GRAAFIAN FOLLICLE, cytology/ MALE/ MEIOSIS/ *MITOSIS/ MITOSIS, drug effects/ OVARY, cytology/ RABBITS/ TIME FACTORS

2798. **Morin RJ:** Incorporation of formate-14C, acetate-1-14C choline-1,2-14C and ethanolamine-1-2-14C into rabbit ovarian phospholipids. Life Sci 8:613-6, 15 Jun 69
*ACETATES, metabolism/ *AMINO ALCOHOLS, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CEPHALINS, biosynthesis/ *CHOLINE, metabolism/ FEMALE/ *FORMATES, metabolism/ IN VITRO/ LECITHINS, biosynthesis/ *OVARY, metabolism/ *PHOSPHOLIPIDS, biosynthesis/ RABBITS/ SPHINGOMYELINS, biosynthesis

2799. **Morley TP, Barr HW:** Giant intracranial aneurysms: diagnosis, course, and management.
Clin Neurosurg 16:73-94, 1969
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ BASILAR ARTERY/ CAROTID ARTERIES, surgery/ CAROTID ARTERY DISEASES, diagnosis/ CAVERNOUS SINUS/ CEREBRAL ANEURYSM, complications/ *CEREBRAL ANEURYSM, diagnosis/ CEREBRAL ANEURYSM, physiopathology/ CEREBRAL ANEURYSM, radiography/ CEREBRAL ANEURYSM, surgery/ CEREBRAL ANGIOGRAPHY/ CEREBRAL ARTERY DISEASES/ CEREBRAL EMBOLISM AND THROMBOSIS, diagnosis/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ INTRACRANIAL PRESSURE/ MALE/ METHODS/ MIDDLE AGE/ OPHTHALMIC ARTERY/ PITUITARY NEOPLASMS, diagnosis/ RUPTURE/ TIME FACTORS/ TOMOGRAPHY

2800. **Morris CA:** Influence of oral contraceptives on the presence and persistence of Candida albicans and beta-haemolytic streptococci in the vagina.
J Clin Path 22:488-91, Jul 69
CANDIDA, isolation & purification/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ LYNESTRENOL, adverse effects/ MESTRANOL, adverse effects/ *MONILIASIS, VULVOVAGINAL, occurrence/ *STREPTOCOCCUS, isolation & purification/ *VAGINA, microbiology

2801. **Morrison J, Kilpatrick N:** Low urinary oestriol excretion in pregnancy associated with oral prednisone therapy.
J Obstet Gynaec Brit Comm 76:719-20, Aug 69
ADULT/ *ASTHMA, drug therapy/ CASE REPORT/ *ESTRIOL, urine/ FEMALE/ HUMAN/ *PREDNISONE, therapeutic use/ PREGNANCY/ *PREGNANCY COMPLICATIONS, drug therapy

2802. **Morscher E:** Orthopädische Aspekte der Osteoporose. Ther Umsch 25:567-70, Oct 68 (Ger)
ARTHROPLASTY/ BRACES/ FEMORAL NECK FRACTURES, surgery/ FRACTURE FIXATION/ HUMAN/ *OSTEOPOROSIS/ OSTEOPOROSIS, complications/ SPINAL INJURIES, therapy

2803. **Morse PH, Duke JR:** Sympathetic ophthalmitis. Report of a case, proven pathologically, eight years after original injury. Amer J Ophthal 68:508-12, Sep 69
ADHESIONS/ BLINDNESS, etiology/ CATARACT, etiology/ CHILD/ CHOROID, pathology/ CILIARY BODY, pathology/ CORNEAL OPACITY, etiology/ EYE INJURIES, complications/ FEMALE/ GLAUCOMA, etiology/ GLAUCOMA, surgery/ HUMAN/ IRIS, pathology/ OPHTHALMIA, SYMPATHETIC, drug therapy/ OPHTHALMIA, SYMPATHETIC, etiology/ *OPHTHALMIA, SYMPATHETIC, pathology/ PENICILLIN, therapeutic use/ PREDNISONE, therapeutic use/ RETINAL DETACHMENT, etiology/ TIME FACTORS

2804. **Mortada A:** Orbital osteomata within the domain of ophthalmic surgery. Canad J Ophthal 4:258-65, Jul 69
ADOLESCENCE/ ADULT/ ETHMOID SINUS, pathology/ ETHMOID SINUS, radiography/ EXOPHTHALMOS, etiology/ FEMALE/ FRONTAL SINUS, pathology/ FRONTAL SINUS, radiography/ HUMAN/ MALE/ MIDDLE AGE/ ORBITAL NEOPLASMS, complications/ ORBITAL NEOPLASMS, pathology/ ORBITAL NEOPLASMS, radiography/ *ORBITAL NEOPLASMS, surgery/ OSTEOMA, complications/ OSTEOMA, pathology/ OSTEOMA, radiography/ *OSTEOMA, surgery/ PARANASAL SINUS NEOPLASMS, pathology/ PARANASAL SINUS NEOPLASMS, radiography/ SKULL, radiography

2805. **Morton DB, Rankin JE:** The histology of the vaginal epithelium of the sow in oestrus and its use in pregnancy diagnosis. Vet Rec 84:658-62, 28 Jun 69
ANIMAL EXPERIMENTS/ BIOPSY/ EPITHELIUM/ *ESTRUS/ FEMALE/ MITOSIS/ *PREGNANCY, ANIMAL/ *SWINE/ *VAGINA, anatomy & histology

2806. **Morton WM, Runyan JW Jr:** The hyperfunctioning thyroid nodule. Southern Med J 62:1036-41, Sep 69
*ADENOMA, complications/ ADENOMA, diagnosis/ ADENOMA, therapy/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ GOITER, EXOPHTHALMIC, diagnosis/ HUMAN/ *HYPERTHYROIDISM, etiology/ HYPERTHYROIDISM, therapy/ IODINE ISOTOPES, therapeutic use/ MIDDLE AGE/ PROGNOSIS/ RADIOISOTOPE SCANNING/ *THYROID NEOPLASMS, complications/ THYROID NEOPLASMS, diagnosis/ THYROID NEOPLASMS, metabolism/ THYROID NEOPLASMS, therapy/ THYROTROPIN, metabolism/ THYROXINE, therapeutic use

2807. **Moscatelli P, Gilli G, Perfumo F:** Su un raro caso di sinostosi intra-uterina delle suture coronarie e labdoidee: suoi possibili rapporti con la sindrome id Holtermuller e Wiedemann.
Clin Pediat (Bologna) 50:972-8, Dec 68 (Ita)
*CRANIOSYNOSTOSES/ *EAR, EXTERNAL, DEFORMITY/ *EXOPHTHALMOS/ *FETAL DISEASES/ *FRONTAL BONE/ HUMAN/ INFANT/ MALE/ *NOSE DEFORMITIES/ *OCCIPITAL BONE/ *PARIETAL BONE/ *STRABISMUS

2808. **Moschetto Y, Leonardelli J, Barry J:** Hétérogénéité des extraits purifiés contenant le facteur préhypophysiotrope contrôlant la sécrétion de LH-ICSH chez le cobaye.
C R Acad Sci [D] (Paris) 268:3096-9, 23 Jun 69 (Fre)

ANIMAL EXPERIMENTS/ CHOLESTEROL, metabolism/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ ELECTROPHORESIS/ FEMALE/ FREEZE DRYING/ GEL FILTRATION/ GUINEA PIGS/ *HYPOTHALAMUS, physiology/ *LH, secretion/ OVARY, metabolism/ STATISTICS/ TISSUE EXTRACTS, isolation & purification/ *TISSUE EXTRACTS, physiology

2809. **Moshkowitz A, Abrahamov A, Pisanti S:** Congenital hypoparathyroidism simulating epilepsy, with other symptoms and dental signs of intra-uterine hypocalcemia. Pediatrics 44:401-9, Sep 69
CALCIUM, therapeutic use/ CASE REPORT/ CATARACT, etiology/ CHILD/ CONVULSIONS, etiology/ DENTAL CARIES, etiology/ DENTAL ENAMEL HYPOPLASIA/ DIAGNOSIS, DIFFERENTIAL/ ELECTROENCEPHALOGRAPHY/ *EPILEPSY, diagnosis/ FEMALE/ FETAL DISEASES, complications/ HUMAN/ *HYPOCALCEMIA, complications/ HYPOCALCEMIA, etiology/ *HYPOPARATHYROIDISM, congenital/ *HYPOPARATHYROIDISM, diagnosis/ MALOCCLUSION/ NAILS, MALFORMED, etiology/ *ORAL MANIFESTATIONS/ VITAMIN D, therapeutic use

2810. **Mosier HD Jr:** Toxic diffuse goiter in children. GP 40:110-6, Aug 69
ADOLESCENCE/ AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ *GOITER, EXOPHTHALMIC, diagnosis/ *GOITER, EXOPHTHALMIC, therapy/ HUMAN

2811. **Mosimann W:** Zur Involution der bovinen Milchdrüse. Schweiz Arch Tierheilk 111:431-9, Aug 69 (Ger)
*CATTLE/ ENGLISH ABSTRACT/ LACTATION/ *UDDER, cytology/ UDDER, growth & development

2812. **Mosin VI:** Sostoianie gipofizarno-nadpochechnikovoĭ sistemy pri iazvennoĭ bolezni zheludka. Vrach Delo 2:123-4, Feb 67 (Rus)
ADULT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PITUITARY-ADRENAL FUNCTION TESTS/ *PITUITARY-ADRENAL SYSTEM/ *STOMACH ULCER, physiopathology

2813. **Mosler KH:** Klinisch-pharmakologische Untersuchungen zur Uterusdynamik. Arzneimittelforschung 19:810-3, May 69 (Ger)
ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ FEMALE/ HEART RATE, drug effects/ HUMAN/ INFANT MORTALITY/ INFANT, NEWBORN/ INFANT, PREMATURE/ ISOPROTERENOL, adverse effects/ *LABOR, PREMATURE, prevention & control/ *MUSCLE CONTRACTION, drug effects/ PREGNANCY/ *PROGESTERONE, pharmacodynamics/ RATS/ STIMULATION, CHEMICAL/ SYMPATHOMIMETICS, pharmacodynamics/ *SYMPATHOMIMETICS, therapeutic use/ *UTERUS, drug effects/ VASODILATOR AGENTS, adverse effects

2814. **Moszkowski EF, Haskins AL:** Comparison of vaginal epithelium maturation with progestin-withdrawal bleeding as an indication of circulating estrogen. Obstet Gynec 34:422-3, Sep 69
*ESTROGENS, analysis/ FEMALE/ HUMAN/ MEGESTROL, diagnostic use/ METHODS/ *PREGNANES, diagnostic use/ *PROGESTATIONAL HORMONES, diagnostic use/ *VAGINAL SMEARS

2815. **Motlík K:** Adrenocortical lesions following Polybrene administration in rats. Acta Univ Carol [Med] (Praha) 15:381-96, 1969
*ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ BROMIDES/ *HEPARIN ANTAGONISTS/ HEPARIN ANTAGONISTS, administration & dosage/ INJECTIONS, INTRAVENOUS/ NECROSIS/ RATS

2816. **Motohashi K:** [Special studies on endocrine diseases--Addison's disease] Clin Endocr (Tokyo) 17:539-41, Jun 69 (16 ref.) (Jap)
*ADDISON'S DISEASE/ ADDISON'S DISEASE, diagnosis/ ADDISON'S DISEASE, drug therapy/ ADDISON'S DISEASE, etiology/ ADDISON'S DISEASE, pathology/ ANTIGENS/ AUTOANTIBODIES, analysis/ CORTICOTROPIN, therapeutic use/ HUMAN/ HYDROCORTISONE, blood/ HYDROCORTISONE, therapeutic use/ MALE/ MIDDLE AGE/ REVIEW

2817. **Motoi S, Omikazuki Y:** [Autopsy case of chorionic epithelioma originated from the ovary] Jap J Clin Path 17:377, May 69 (Jap)
ADOLESCENCE/ *CHORIOCARCINOMA, pathology/ FEMALE/ HUMAN/ *OVARIAN NEOPLASMS, pathology

2818. **Motta P:** Electron microscope study on the human lutein cell with special reference to its secretory activity. Z Zellforsch 98:233-45, 1969
*CORPUS LUTEUM, cytology/ CORPUS LUTEUM, secretion/ CYTOPLASM/ ENDOPLASMIC RETICULUM/ FEMALE/ HUMAN/ LIPIDS/ LYSOSOMES/ MICROSCOPY, ELECTRON/ MITOCHONDRIA

2819. **Moudgil LR:** Possible protective action of antialdosterone compounds in myocardial necrosis in rats. Brit J Pharmacol 35:558-62, Mar 69
*ALDOSTERONE, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ ISOPROTERENOL/ *MYOCARDIAL DISEASES, PRIMARY, chemically induced/ MYOCARDIAL DISEASES, PRIMARY, pathology/ NECROSIS, chemically induced/ RATS/ SPIRONOLACTONE, pharmacodynamics

2820. **Mouren P, Combalbert A, Dufour M, et al:** Difficultés diagnostiques des adénomes géants de l'hypophyse. A propos d'un cas personnel. Marseille Med 104:611-4, 1967 (Fre)
*ADENOMA, diagnosis/ *ADENOMA, CHROMOPHOBE, diagnosis/ AGED/ FEMALE/ HUMAN/ *PITUITARY NEOPLASMS, diagnosis

2821. **Mouren P, Tatossian A, Verne P, et al:** Encéphalopathie hypocalcémique à manifestations récidivantes. Marseille Med 104:624-7, 1967 (Fre)
*BRAIN DISEASES, etiology/ FEMALE/ *GOITER, EXOPHTHALMIC, surgery/ HUMAN/ *HYPOCALCEMIA, complications/ *MENTAL DISORDERS, etiology/ MIDDLE AGE/ *THYROIDECTOMY, adverse effects

2822. **Mowbray J:** Platelet thrombi in rejection episodes. Proc Roy Soc Med 62:597-600, Jun 69
ACTINOMYCIN, therapeutic use/ ANTIBODY FORMATION/ AZATHIOPRINE, therapeutic use/ BLOOD COAGULATION/ *BLOOD PLATELETS/ CHROMIUM ISOTOPES/ HUMAN/ HYDROCORTISONE, therapeutic use/ KIDNEY, transplantation/ MERCAPTOPURINE, therapeutic use/ RESPIRATORY TRACT INFECTIONS, etiology/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY

2823. **Mudd AJ:** The eradication of metabolic diseases. Vet Rec 84:627-30, 21 Jun 69
ANIMAL FEED/ ANIMAL NUTRITION/ CATTLE/ *CATTLE DISEASES, prevention & control/ HYPOCALCEMIA, prevention & control/ LACTATION/ MAGNESIUM DEFICIENCY, prevention & control/ *METABOLIC DISEASES, veterinary/ METABOLISM/ MINERALS, metabolism/ STERILITY, prevention & control

2824. **Mueller PS, Heninger GR, McDonald RK:** Intravenous glucose tolerance test in depression. Arch Gen Psychiat (Chicago) 21:470-7, Oct 69
ADULT/ AGE FACTORS/ AGED/ AMITRIPTYLINE, therapeutic use/ BLOOD SUGAR, analysis/ BODY WEIGHT/ *DEPRESSION, blood/ DEPRESSION, drug therapy/ FEMALE/ *GLUCOSE TOLERANCE TEST/ HUMAN/ INSULIN, blood/ INSULIN RESISTANCE/ MALE/ MIDDLE AGE/ PSYCHOSES, blood/ PSYCHOSES,

MANIC-DEPRESSIVE, blood/ SOMATOTROPIN, blood

2825. **Mueller RA, Thoenen H, Axelrod J:** Increase in tyrosine hydroxylase activity after reserpine administration.
J Pharmacol Exp Ther 169:74-9, Sep 69
ADRENAL GLANDS, enzymology/ ANIMAL EXPERIMENTS/ BRAIN STEM, enzymology/ GANGLIA, SPINAL, enzymology/ GUINEA PIGS/ *HYDROXYLASES, metabolism/ KINETICS/ MALE/ MICE/ PTERIDINES, metabolism/ RABBITS/ RATS/ *RESERPINE, pharmacodynamics/ SPECIES SPECIFICITY/ *TYROSINE, metabolism

2826. **Mühlbach R:** Biochemische Befunde bei der Osteogenesis imperfecta.
Beitr Orthop Trauma 15:635-6, Oct 68 (Ger)
ADULT/ ALKALINE PHOSPHATASE, blood/ CHILD/ HUMAN/ *OSTEOGENESIS IMPERFECTA, blood/ SOMATOTROPIN, pharmacodynamics

2827. **Mühlenfeld WE:** Uber die Entwicklung und Chemodifferenzierung der Rattenniere unter besonderer Berücksichtigung der Geschlechtsunterschiede.
Histochemie 18:97-131, 1969 (Ger)
ACID PHOSPHATASE, analysis/ ALKALINE PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ FEMALE/ GLUCOSEPHOSPHATASE, analysis/ HISTOCYTOCHEMISTRY/ HYDROXYBUTYRATE DEHYDROGENASE, analysis/ KIDNEY, anatomy & histology/ *KIDNEY, embryology/ *KIDNEY, enzymology/ MALE/ RATS/ *SEX DETERMINATION/ SEX FACTORS

2828. **Muittari A, Kreus KE:** Status asthmaticus.
Duodecim 85:646-53, 1969 (Fin)
ACIDOSIS, RESPIRATORY, drug therapy/ ACUTE DISEASE/ ADRENAL CORTEX HORMONES, therapeutic use/ ANOXEMIA, therapy/ *ASTHMA, complications/ ASTHMA, drug therapy/ ASTHMA, surgery/ DEHYDRATION, therapy/ HUMAN

2829. **Mukhamedshin RA:** Gistokhimicheskoe izuchenie vliianiia gigromitsina b na kontsentratsiiu nukleinovykh kislot v organakh ptits.
Antibiotiki 14:611-6, Jun 69 (Rus)
ANIMAL EXPERIMENTS/ *ANTHELMINTICS, pharmacodynamics/ *ANTIBIOTICS, pharmacodynamics/ BRAIN CHEMISTRY, drug effects/ CELL NUCLEOLUS, metabolism/ CELL NUCLEUS, metabolism/ *CHICKENS/ CYTOPLASM, metabolism/ DEPRESSION, CHEMICAL/ *DNA/ DUODENUM, metabolism/ FEMALE/ HISTOCYTOCHEMISTRY/ KIDNEY, metabolism/ LIVER, metabolism/ NUCLEOPROTEINS, metabolism/ OVARY, metabolism/ OVIDUCTS, metabolism/ PANCREAS, metabolism/ *RNA, metabolism/ STIMULATION, CHEMICAL/ STOMACH, metabolism/ VETERINARY MEDICINE

2830. **Mularek O, Bialecki M:** Badania kariologiczne w przypadkach miotonii Thomsena i miotonii zanikowej.
Neurol Neurochir Pol 3:311-4, May-Jun 69 (Pol)
ADOLESCENCE/ ADULT/ CYTOGENETICS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ KARYOTYPING/ MALE/ MIDDLE AGE/ *MYOTONIA ATROPHICA, familial & genetic/ *MYOTONIA CONGENITA, familial & genetic/ *SEX CHROMATIN, analysis

2831. **Mullaney PD, Cox DF:** Sex proportion in swine after paternal X-irradiation. Mutat Res 7:482-4, May-Jun 69
ANIMAL EXPERIMENTS/ FEMALE/ MALE/ *RADIATION GENETICS/ SEX CHROMOSOMES, radiation effects/ *SEX RATIO, radiation effects/ SPERMATOZOA, radiation effects/ SWINE

2832. **Müller EE, Pecile A, Naimzada MK, et al:** The involvement of cyclic 3',5'-adenosine monophosphate in the growth hormone release mechanism (s).
Experientia 25:750-1, 1969
*ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD SUGAR, analysis/ EPIPHYSES, growth & development/ FORMALDEHYDE, pharmacodynamics/ PITUITARY GLAND, metabolism/ RATS/ *SOMATOTROPIN, metabolism/ THEOPHYLLINE, pharmacodynamics

2833. **Muller J:** Status Asthmaticus op de kinderleeftijd.
Nederl T Geneesk 113:1287, 19 Jul 69 (Dut)
*ASTHMA, drug therapy/ CHILD/ HUMAN/ *PREDNISONE, therapeutic use/ *PROMETHAZINE, adverse effects/ *XANTHINES, poisoning

2834. **Müller WC:** Arzneimittelgaben während der schwangerschaft.
Munchen Med Wschr 111:1687-92, 22 Aug 69 (Ger)
ABNORMALITIES, DRUG-INDUCED, etiology/ ANTIBIOTICS, adverse effects/ ANTICOAGULANTS, adverse effects/ ANTIDIABETICS, adverse effects/ CONTRACEPTIVES, ORAL, adverse effects/ CORTISONE, adverse effects/ *DRUG THERAPY/ DRUGS, standards/ ENGLISH ABSTRACT/ FEMALE/ FETAL DISEASES, chemically induced/ GESTATIONAL AGE/ HUMAN/ MATERNAL-FETAL EXCHANGE/ MORPHINANS, adverse effects/ PREGNANCY/ QUININE, adverse effects/ RESERPINE, adverse effects/ SULFONAMIDES, adverse effects

2835. **Müller-Stephann H:** Osteosynthese bei Marmorknochenkrankheit Akbers-Schönberg.
Beitr Orthop Trauma 15:639-40, Oct 68 (Ger)
ADULT/ CASE REPORT/ FEMALE/ HUMAN/ OSTEOPETROSIS, radiography/ *OSTEOPETROSIS, surgery/ PREGNANCY

2836. **Mumma RO, Hoiberg CP, Weber WW 2d:** Preparation of sulfate esters. The synthesis of steroid sulfates by a dicyclohexylcarbodimide-mediated sulfation.
Steroids 14:67-74, Jul 69
ANDROSTERONE, analysis/ ANDROSTERONE, chem synthesis/ CHEMISTRY/ DEHYDROEPIANDROSTERONE, analysis/ DEHYDROEPIANDROSTERONE, chem synthesis/ DESOXYCORTICOSTERONE, analysis/ DESOXYCORTICOSTERONE, chem synthesis/ ESTRADIOL, analysis/ ESTRADIOL, chem synthesis/ ESTRONE, analysis/ ESTRONE, chem synthesis/ *STEROIDS, chem synthesis/ SULFATES, analysis/ *SULFATES, chem synthesis/ SULFUR ISOTOPES

2837. **Munde B:** Verlauf eines BNS-Anfallsleidens bei eineiigen Zwillingen.
Arch Kinderheilk 179:66-72, May 69 (Ger)
BRAIN DAMAGE, CHRONIC, etiology/ *CONVULSIONS/ CONVULSIONS, drug therapy/ CONVULSIONS, etiology/ CORTICOTROPIN, therapeutic use/ *DISEASES IN TWINS/ DISEASES IN TWINS, etiology/ ELECTROENCEPHALOGRAPHY/ FEMALE/ HUMAN/ HYPERBILIRUBINEMIA, complications/ INFANT/ INFECTION, complications/ PREDNISONE, therapeutic use

2838. **Mundinger F:** Die Intraselläre protrahierte Langzeitbestrahlung von Hypophysenadenomen mittels stereotaktischer Implantation von Iridium 192.
Acta Radiol [Ther] (Stockholm) 8:55-62, Feb-Apr 69 (Ger)
ADENOMA, CHROMOPHOBE, mortality/ *ADENOMA, CHROMOPHOBE, radiotherapy/ ADENOMA, EOSINOPHILIC, mortality/ *ADENOMA, EOSINOPHILIC, radiotherapy/ FEMALE/ HUMAN/ *IRIDIUM, administration & dosage/ MALE/ *PITUITARY GLAND IRRADIATION/ PITUITARY NEOPLASMS, mortality/ *PITUITARY NEOPLASMS, radiotherapy/ STEREOTAXIC TECHNICS/ TIME FACTORS

2839. **Mundo Salvador A:** Acción de la testosterona y anabolizantes derivados sobre el crecimiento celular
Rev Clin Esp 114:53-60, 15 Jul 69 (Spa

*ANABOLIC STEROIDS, pharmacodynamics/ ENGLISH ABSTRACT/ METHODS/ *SACCHAROMYCES, drug effects/ SACCHAROMYCES, growth & development/ *TESTOSTERONE, pharmacodynamics

2840. **Munro IB**: Ovarian changes and systemic plasma progesterone in the post-parturient cow. Vet Rec 85:271, 6 Sep 69
ANIMAL EXPERIMENTS/ CATTLE/ CORPUS LUTEUM, physiology/ ESTRUS/ *OVARY, physiology/ OVULATION/ PREGNANCY/ PREGNANCY, ANIMAL/ *PROGESTERONE, blood/ *PUERPERIUM

2841. **Munroe JS**: Subhuman primates in experimental viral oncology. Ann NY Acad Sci 162:556-67, 3 Jul 69
AGE FACTORS/ ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ CHICKENS/ CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ FIBROSARCOMA, occurrence/ GLUCOCORTICOIDS, pharmacodynamics/ GUINEA PIGS/ HAMSTERS/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, pharmacodynamics/ *LEUKEMIA, EXPERIMENTAL, occurrence/ MALE/ MICE/ *MONKEYS/ NEOPLASM TRANSPLANTATION/ PROGESTERONE, pharmacodynamics/ RATS/ *ROUS SARCOMA, occurrence/ *ROUS SARCOMA VIRUS/ TRANSPLANTATION, HETEROLOGOUS

2842. **Murakami M, Morimoto S, Kuroda M**: [Early diagnosis and treatment of hypertension and renal vascular hypertension] Naika 23:1124-36, Jun 69 (145 ref.) (Jap)
ADOLESCENCE/ ADULT/ AGE FACTORS/ ANGIOTENSIN, diagnostic use/ CEREBROVASCULAR DISORDERS, complications/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HEART FAILURE, CONGESTIVE, complications/ HUMAN/ *HYPERTENSION/ *HYPERTENSION, RENAL/ HYPERTENSION, RENAL, diagnosis/ HYPERTENSION, RENAL, therapy/ KIDNEY FUNCTION TESTS/ MALE/ MIDDLE AGE/ MYOCARDIAL DISEASES, PRIMARY, complications/ RADIOISOTOPE RENOGRAPHY/ RENIN, analysis/ REVIEW

2843. **Murata T**: [Clinicopathological studies on small cell carcinoma of the thyroid]
Folia Endocr Jap 45:80-90, 20 Apr 69 (Jap)
*ADENOCARCINOMA, pathology/ *ADENOCARCINOMA, PAPILLARY, pathology/ ADOLESCENCE/ ADULT/ AGE FACTORS/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ GOITER, EXOPHTHALMIC, complications/ HUMAN/ HYPERTHYROIDISM, complications/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ SEX FACTORS/ STRUMA OVARII, complications/ THYROID NEOPLASMS, complications/ THYROID NEOPLASMS, occurrence/ *THYROID NEOPLASMS, pathology/ THYROID NEOPLASMS, surgery/ THYROIDECTOMY/ THYROIDITIS, LYMPHOMATOUS, complications

2844. **Murillo A, Varela G**: Influencia de la acción quelante del citrato sódico sobre el metabolismo del calcio en ratas. Rev Esp Fisiol 25:35-9, Mar 69 (Spa)
ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ *CHELATING AGENTS, pharmacodynamics/ *CITRATES, pharmacodynamics/ ENGLISH ABSTRACT/ RATS/ SODIUM, pharmacodynamics

2845. **Murley AH**: Local hydrocortisone injections. Brit Med J 3:475, 23 Aug 69
FINGERS/ HUMAN/ *HYDROCORTISONE, administration & dosage/ HYDROCORTISONE, adverse effects/ INJECTIONS/ *TENOSYNOVITIS, drug therapy

2846. **Murota S, Kawashima K, Endo H**: Effect of hormones on the chondroitin sulfate metabolism of chick embryo femora growing in vitro. 2. Differential effect of cortisol on chondroitin sulfate synthesis in the cartilagenous bones growing in various natural and synthetic media. Endocr Jap 16:109-14, Feb 69
ANIMAL EXPERIMENTS/ *CARTILAGE, metabolism/ CHICK EMBRYO/ *CHONDROITIN, biosynthesis/ CULTURE MEDIA/ *FEMUR, metabolism/ HORSES/ *HYDROCORTISONE, pharmacodynamics/ IMMUNE SERUMS/ IN VITRO/ *SULFATES, biosynthesis/ SULFUR ISOTOPES/ TISSUE CULTURE

2847. **Murphy DL, Goodwin FK, Bunney WE Jr**: Aldosterone and sodium response to lithium administration in man. Lancet 2:458-61, 30 Aug 69
ADULT/ *ALDOSTERONE, urine/ BODY WEIGHT, drug effects/ CARBONATES, adverse effects/ CLINICAL RESEARCH/ DEPRESSION, drug therapy/ DIURESIS, drug effects/ FEMALE/ HUMAN/ LITHIUM, blood/ *LITHIUM, pharmacodynamics/ LITHIUM, therapeutic use/ MALE/ MIDDLE AGE/ PLACEBOS/ POTASSIUM, blood/ PSYCHOSES, MANIC-DEPRESSIVE, drug therapy/ SODIUM, blood/ *SODIUM, urine/ URINE/ WATER-ELECTROLYTE BALANCE, drug effects

2848. **Murphy HM**: A review of inherited osteopetrosis in the mouse. Man and other mammals also considered. Clin Orthop 65:97-109, Jul-Aug 69 (72 ref.)
ALKALINE PHOSPHATASE, blood/ ANIMAL EXPERIMENTS/ BONE AND BONES, radiography/ CALCIUM, blood/ CATTLE/ CITRATES, blood/ FEMUR, growth & development/ FIBULA, growth & development/ FISHES/ GLUCOSE, blood/ HUMAN/ HUMERUS, growth & development/ METABOLISM, INBORN ERRORS/ MICE/ MOLAR, pathology/ *OSTEOPETROSIS, familial & genetic/ OSTEOPETROSIS, pathology/ POTASSIUM, blood/ RABBITS/ RATS/ REVIEW/ TIBIA, growth & development/ TOOTH, growth & development/ TOOTH RESORPTION/ ULNA, growth & development

2849. **Murphy KJ**: Subcutaneous calcification in the naevoid basal-cell carcinoma syndrome: response to parathyroid hormone and relationship to pseudo-hypoparathyroidism.
Clin Radiol 20:287-93, Jul 69
BONE CYST, complications/ *CALCINOSIS, etiology/ *CARCINOMA, BASAL CELL, complications/ HUMAN/ *JAW DISEASES, complications/ MALE/ MIDDLE AGE/ *ODONTOGENIC CYSTS, complications/ *PARATHYROID HORMONE, diagnostic use/ PHOSPHATES, urine/ *PSEUDOHYPOPARATHYROIDISM, diagnosis/ SKIN NEOPLASMS, complications

2850. **Murphy SD**: Some relationships between effects of insecticides and other stress conditions.
Ann NY Acad Sci 160:366-77, 1969
ADRENALECTOMY/ ALDEHYDES, pharmacodynamics/ ALKALINE PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ BLOOD SUGAR, analysis/ BRAIN CHEMISTRY/ CHOLINESTERASE, analysis/ CHOLINESTERASE INHIBITORS, pharmacodynamics/ COLD/ *CORTICOSTERONE, blood/ ERYTHROCYTES, analysis/ GLYCOGEN, analysis/ *INSECTICIDES, pharmacodynamics/ LACTATES, blood/ *LIVER, enzymology/ MALE/ PARATHION, pharmacodynamics/ RATS/ *STRESS/ TIME FACTORS/ TRYPTOPHAN OXYGENASE, analysis/ TYROSINE AMINOTRANSFERASE, analysis

2851. **Murphy SD, Malley S**: Effect of carbon tetrachloride on induction of liver enzymes by acute stress or corticosterone.
Toxic Appl Pharmacol 15:117-30, Jul 69
ADRENALECTOMY/ ALANINE AMINOTRANSFERASE, blood/ ALANINE AMINOTRANSFERASE, metabolism/ ALKALINE PHOSPHATASE, blood/ ALKALINE PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ *CARBON TETRACHLORIDE, pharmacodynamics/ COLD/ *CORTICOSTERONE, pharmacodynamics/ *ENZYME INDUCTION, drug effects/

GLUCOSEPHOSPHATASE, metabolism/ LIVER, enzymology/ LIVER DISEASES, chemically induced/ *LIVER DISEASES, enzymology/ MALE/ RATS/ *STRESS, enzymology/ TRYPTOPHAN OXYGENASE, metabolism/ TYROSINE AMINOTRANSFERASE, metabolism

2852. **Murphy SS, Donald RA, Nabarro JD:** The half-life of porcine corticotrophin in pigs.
Acta Endocr (Kobenhavn) 61:525-32, Jul 69
ANIMAL EXPERIMENTS/ *CORTICOTROPIN, blood/ FEMALE/ IODINE ISOTOPES/ RADIOIMMUNOASSAY/ SWINE

2853. **Murray JB:** The puzzle of pain.
Percept Motor Skills 28:887-99, Jun 69 (36 ref.)
AFFECT/ ANIMAL EXPERIMENTS/ ANXIETY/ FEAR/ HUMAN/ HYPNOSIS/ HYPOTHALAMUS, physiology/ IDENTIFICATION (PSYCHOLOGY)/ NERVE ENDINGS, physiology/ NERVE FIBERS, physiology/ *PAIN/ PERCEPTION/ PERIPHERAL NERVES, physiology/ PSYCHOLOGY, EXPERIMENTAL/ PSYCHOLOGY, MILITARY/ REVIEW/ SENSATION/ SKIN, physiology/ SPINAL CORD, physiology/ THALAMUS, physiology

2854. **Mustala O, Kekki M, Pentikäinen P:** Studies of the kinetics of 14C-5-hydroxytryptamine metabolism in the rat. Ann Med Exp Biol Fenn 46:490-7, 1968
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHROMATOGRAPHY, PAPER/ GLUCURONATES, urine/ HYDROXYINDOLEACETIC ACID, urine/ KINETICS/ LIVER, metabolism/ MODELS, BIOLOGIC/ RADIOAUTOGRAPHY/ RATS/ *SEROTONIN, metabolism/ SEROTONIN, urine

2855. **Mutalik GS, Gulati RB:** Clinical trial of bitoscanate in hookworm disease.
Clin Pharmacol Ther 10:635-7, Sep-Oct 69
ADOLESCENCE/ ADULT/ ANTI-INFECTIVE AGENTS, adverse effects/ *ANTI-INFECTIVE AGENTS, therapeutic use/ FECES, analysis/ FEMALE/ *HOOKWORM INFECTION, drug therapy/ HUMAN/ MALE/ MIDDLE AGE/ THIOCYANATES, adverse effects/ *THIOCYANATES, therapeutic use

2856. **Mutani R:** Experimental evidence for the existence of an extrarhinencephalic control of the activity of the cobalt rhinencephalic epileptogenic focus. Part 1. The role played by the caudate nucleus.
Epilepsia (Amst) 10:337-50, Sep 69
*AMYGDALOID BODY, physiopathology/ ANIMAL EXPERIMENTS/ CATS/ *CAUDATE NUCLEUS, physiopathology/ COBALT/ CONVULSIONS, chemically induced/ *CONVULSIONS, physiopathology/ *CYBERNETICS/ ELECTRIC STIMULATION/ ELECTRODES/ ELECTROPHYSIOLOGY/ FEEDBACK/ GANGLIA, BASAL, physiopathology/ *HIPPOCAMPUS, physiopathology/ *LIMBIC SYSTEM, physiopathology/ NEURAL INTERCONNECTIONS, physiopathology/ STEREOTAXIC TECHNICS

2857. **Mutani R, Bergamini L, Doriguzzi T:** Experimental evidence for the existence of an extrarhinencephalic control of the activity of the cobalt rhinencephalic epileptogenic focus. Part 2. Effects of the paleocerebellar stimulation.
Epilepsia (Amst) 10:351-62, Sep 69
*AMYGDALOID BODY, physiopathology/ ANIMAL EXPERIMENTS/ BRAIN STEM, physiopathology/ CATS/ *CEREBELLUM, physiopathology/ COBALT/ CONVULSIONS, chemically induced/ *CONVULSIONS, physiopathology/ *CYBERNETICS/ ELECTRIC STIMULATION/ ELECTRODES/ ELECTROENCEPHALOGRAPHY/ ELECTROPHYSIOLOGY/ FEEDBACK/ *HIPPOCAMPUS, physiopathology/ *LIMBIC SYSTEM, physiopathology/ NEURAL INTERCONNECTIONS, physiopathology/ RETICULAR FORMATION, physiopathology/ TIME FACTORS

2858. **Myers RD, Kawa A, Beleslin DB:** Evoked release of 5-HT and NEFA from the hypothalamus of the conscious monkey during thermoregulation.
Experientia 25:705-6, 1969
ANIMAL EXPERIMENTS/ *BODY TEMPERATURE REGULATION/ COLD/ *FATTY ACIDS, NONESTERIFIED, metabolism/ HYPOTHALAMUS, metabolism/ *HYPOTHALAMUS, secretion/ MALE/ MONKEYS/ NEUROHUMORS, secretion/ *SEROTONIN, secretion/ SPECTROPHOTOMETRY/ STRESS

2859. **Myhill J, Oddie TH, Hales IB, et al:** The influence of iodine in thyroid iodine accumulation and turnover in euthyroid Australian subjects.
Acta Endocr (Kobenhavn) 62:1-10, Sep 69
ADULT/ AUSTRALIA/ FEMALE/ HUMAN/ IODIDES, metabolism/ IODINE, administration & dosage/ IODINE, analysis/ *IODINE, metabolism/ IODINE, urine/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ PROTEIN-BOUND IODINE TEST/ SALIVA, analysis/ SWEAT, analysis/ *THYROID GLAND, metabolism/ THYROID GLAND, physiology/ THYROXINE, blood/ THYROXINE, metabolism/ THYROXINE, secretion

2860. **Myslitskii VF:** Vliianie razrusheniia i razdrazheniia paraventrikuliarnykh i supraopticheskikh iader gipotalamusa na chuvstvitel'nost' laichnikov krys k gonadotropnym gormonam, éstrogenam, androgenam i progesteronu.
Probl Endokr (Moskva) 15:72-6, May-Jun 69 (Rus)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *ESTRADIOL, pharmacodynamics/ FEMALE/ *GONADOTROPINS, CHORIONIC, pharmacodynamics/ *HYPOTHALAMUS, physiology/ OVARY, anatomy & histology/ *OVARY, drug effects/ *PROGESTERONE, pharmacodynamics/ RATS/ *TESTOSTERONE, pharmacodynamics/ UTERUS, anatomy & histology

N

2861. **Nabarro JD:** The metabolic and endocrine response to acute medical stress.
Proc Roy Soc Med 62:351-5, Apr 69
ADRENAL GLANDS, physiopathology/ BLOOD SUGAR/ CORTICOTROPIN, blood/ CORTICOTROPIN, metabolism/ GLUCOCORTICOIDS, blood/ HUMAN/ HYDROCORTISONE, secretion/ INSULIN, diagnostic use/ 17-KETOSTEROIDS, blood/ LYSINE, diagnostic use/ PITUITARY-ADRENAL FUNCTION TESTS/ RADIOIMMUNOASSAY/ SOMATOTROPIN, blood/ *STRESS, metabolism/ VASOPRESSIN, diagnostic use

2862. **Nabeyama K:** [Studies on the etiology of strawberry gallbladder--experimental production and chemical analysis of the bile components]
Acta Med (Fukuoka) 38:717-34, Dec 68 (Jap)
ANIMAL EXPERIMENTS/ *BILE, analysis/ *CHOLECYSTITIS, etiology/ *CHOLESTEROL/ CHOLESTEROL, analysis/ *DIETARY FATS/ DIETARY PROTEINS/ LIVER FUNCTION TESTS/ PREDNISOLONE, pharmacodynamics/ RABBITS

2863. **Nadarajah A, Joplin GF, Taylor S, et al:** Tertiary hyperparathyroidism following postgastrectomy osteomalacia. Proc Roy Soc Med 62:709-10, 7 Jul 69
AGED/ ERGOCALCIFEROL, therapeutic use/ FEMALE/ HUMAN/ HYPERPARATHYROIDISM, drug therapy/ *HYPERPARATHYROIDISM, etiology/ *OSTEOMALACIA, complications/ OSTEOMALACIA, drug therapy/ *POSTGASTRECTOMY SYNDROMES, complications

2864. **Nádvorník P:** Mikroneurochirurgiká anatomie limbického systému a hypothalamu.
Cesk Psychiat 65:230-5, Aug 69 (Cze)
ENGLISH ABSTRACT/ HUMAN/ *HYPOTHALAMUS, anatomy & histology/

*LIMBIC SYSTEM, anatomy & histology/ METHODS/ MICROSCOPY/ MODELS, STRUCTURAL/ NEUROSURGERY/ STEREOTAXIC TECHNICS

2865. **Nagai K:** A physiological study on the nature of the effect of cortisone.
J Nihon Univ Sch Dent 11:48-54, Jun 69
*ANTI-INFLAMMATORY AGENTS/ ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ COMPARATIVE STUDY/ CORTISONE, adverse effects/ *CORTISONE, pharmacodynamics/ GLUCOCORTICOIDS, adverse effects/ GRANULOMA, drug therapy/ HUMAN/ METHODS/ RHEUMATISM, drug therapy

2866. **Nagai K, Sugiyama Y, Isono Y, et al:** An autopsy case of primary osteomyeloscIerosis in a 6-year-old girl.
Acta Path Jap 19:81-93, Feb 69
ADRENAL GLANDS, blood supply/ ADRENAL GLANDS, pathology/ ANEMIA, complications/ BONE MARROW, pathology/ *BONE MARROW DISEASES, complications/ CHILD/ FEMALE/ HEPATIC VEINS, pathology/ HEPATOMEGALY, complications/ HUMAN/ INFARCTION/ KIDNEY, pathology/ LIVER, pathology/ LUNG, pathology/ LYMPH NODES, pathology/ OSTEOSCLEROSIS, complications/ *OSTEOSCLEROSIS, pathology/ SPLEEN, pathology/ SPLENOMEGALY, complications/ THROMBOCYTOSIS, complications/ THYMUS GLAND, pathology/ VENAE CAVAE, pathology

2867. **Nagai S, Haryu Y:** Fluctuation of urinary level of follicle stimulating substance and of estrogen during pregnancy. Tohoku J Exp Med 98:135-46, Jun 69
ACETONE/ BENZOATES, pharmacodynamics/ CHROMATOGRAPHY/ ESTRADIOL, pharmacodynamics/ ESTRIOL, urine/ *ESTROGENS, urine/ FEEDBACK/ FEMALE/ FLUOROMETRY/ FSH, biosynthesis/ *FSH, urine/ GESTATIONAL AGE/ GONADOTROPINS, EQUINE, pharmacodynamics/ HUMAN/ INFANT, NEWBORN/ INJECTIONS, INTRAMUSCULAR/ MALE/ PLACENTA, analysis/ *PREGNANCY

2868. **Nagamatsu S, Kimoto K, Yamaguchi T:** [Case of Klinefelter's syndrome with low glucose tolerance]
Naika 23:992-3, May 69 (Jap)
ADULT/ BLOOD SUGAR, analysis/ *CARBOHYDRATES, metabolism/ GLUCOSE TOLERANCE TEST/ HUMAN/ *KLINEFELTER'S SYNDROME, complications/ MALE/ *METABOLIC DISEASES, complications

2869. **Nagano S, Kuwahara M, Mitsuishi M, et al:** [The studies of the gold therapy (Solganal-B oleosum) on rheumatoid arthritis]
J Kumamoto Med Soc 43:458-65, 25 May 69 (Jap)
ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ *ARTHRITIS, RHEUMATOID, drug therapy/ BLOOD SEDIMENTATION/ GOLD, adverse effects/ *GOLD, therapeutic use/ HUMAN/ INJECTIONS, INTRAMUSCULAR/ MIDDLE AGE

2870. **Nagant de Deuxchaisnes C, Huaux JP, Lachapelle JM, et al:** Pachydermoperiostose, cryptorchidie et aspect marfanoide.
Arch Belg Derm Syph 23:121-35, 1967 (Fre)
ADULT/ *ARACHNODACTYLY, complications/ CASE REPORT/ CORTICOTROPIN, therapeutic use/ *CRYPTORCHISM, complications/ ENGLISH ABSTRACT/ GONADOTROPINS, PITUITARY, urine/ HUMAN/ MALE/ *OSTEOARTHROPATHY, PRIMARY HYPERTROPHIC, complications/ TESTIS, pathology

2871. **Nagasawa K, Fukuda H:** [Results of the national assay of posterior pituitary preparations during recent ten years]
Bull Nat Inst Hyg Sci (Tokyo) 86:167-9, 1968 (Jap)
ENGLISH ABSTRACT/ *PITUITARY HORMONES, POSTERIOR

2872. **Nagataki S:** [Progress in thyroid hormone determination] Naika 24:73-9, Jul 69 (19 ref.) (Jap)
HUMAN/ HYPERTHYROIDISM, blood/ HYPOTHYROIDISM, blood/ IODINE, blood/ PROTEIN BINDING/ RADIOIMMUNOASSAY/ REVIEW/ *THYROID HORMONES, blood/ THYROXINE-BINDING PROTEIN, blood/ TRIIODOTHYRONINE, blood

2873. **Nagataki S:** [Advances and problems in thyroid hormone measurement]
Clin Endocr (Tokyo) 17:342-8, Apr 69 (41 ref.) (Jap)
CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, PAPER/ IODINE ISOTOPES/ METHODS/ PROTEIN-BOUND IODINE TEST/ RADIOIMMUNOASSAY/ REVIEW/ *THYROID HORMONES, blood/ THYROXINE-BINDING PROTEIN

2874. **Nagataki S, Shizume K, Nakao K:** Thyroid function in chronic excess iodide ingestion: release of inorganic iodide from thyroid gland in response to chronic iodide administration.
Endocrinology 85:899-908, Nov 69
ANIMAL EXPERIMENTS/ BLOOD PROTEINS/ CATHETERIZATION/ DIET/ DOGS/ GEL FILTRATION/ IODIDES, blood/ *IODIDES, metabolism/ IODIDES, pharmacodynamics/ IODINE, blood/ IODINE ISOTOPES/ MALE/ PROTEIN BINDING/ THYROID GLAND, blood supply/ *THYROID GLAND, physiology/ THYROID HORMONES, biosynthesis/ VEINS, surgery

2875. **Nagauchi K:** [Emergency treatment of non-hemorrhagic shock]
Sanfujin Jissai 18:515-22, Jun 69 (Jap)
ANESTHESIA, OBSTETRICAL, adverse effects/ CARDIAC GLYCOSIDES, therapeutic use/ *EMERGENCIES/ FEMALE/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ LABOR COMPLICATIONS, therapy/ OXYGEN INHALATION THERAPY/ PREGNANCY/ SHOCK, etiology/ *SHOCK, therapy/ VASOCONSTRICTOR AGENTS, therapeutic use

2876. **Nagel J, Jacquot R:** Hormones surrénaliennes et évolution du tissu hématopoiétique dans le foie foetal de rat. J Physiol (Paris) 60:Suppl 2:503-4, 1968 (Fre)
*ADRENAL CORTEX HORMONES, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ FEMALE/ HEMATOPOIETIC SYSTEM, drug effects/ *HEMATOPOIETIC SYSTEM, embryology/ HYDROCORTISONE, pharmacodynamics/ HYPOPHYSECTOMY/ LIVER, cytology/ *LIVER, embryology/ MATERNAL-FETAL EXCHANGE/ PITUITARY GLAND, physiology/ PREGNANCY/ RATS/ SPLEEN, embryology

2877. **Naiman JL, Punnett HH, Lischner HW, et al:** Possible graft-versus-host reaction after intrauterine transfusion for Rh erythroblastosis fetalis.
New Eng J Med 281:697-701, 25 Sep 69
ANEMIA, APLASTIC, etiology/ BLOOD CELL COUNT/ *BLOOD TRANSFUSION, INTRAUTERINE, adverse effects/ BONE MARROW CELLS, cytology/ *ERYTHROBLASTOSIS, FETAL, therapy/ HISTIOCYTES/ HISTOCOMPATIBILITY/ HISTOCOMPATIBILITY TESTING/ *HOMOLOGOUS WASTING DISEASE, etiology/ HOMOLOGOUS WASTING DISEASE, pathology/ HUMAN/ INFANT, NEWBORN/ JAUNDICE, etiology/ LYMPHOCYTES, cytology/ MALE/ *RH FACTORS/ SEX CHROMOSOMES/ THYMUS GLAND, pathology/ *TRANSPLANTATION IMMUNOLOGY

2878. **Naismith DJ, Mittwoch A, Platt BS:** Changes in composition of rat's milk in the stomach of the suckling. Brit J Nutr 23:683-93, Aug 69
ANIMAL EXPERIMENTS/ *ANIMALS, NEWBORN/ CASEIN, metabolism/ *DIGESTION/ FASTING/ FATS, analysis/ FATS, metabolism/ FEMALE/ LACTATION/ LACTOSE, analysis/ LACTOSE, metabolism/ *MILK, analysis/ MILK, enzymology/ PEPTIDE HYDROLASES, analysis/ PREGNANCY/ PROTEINS, analysis/ *STOMACH, analysis/ STOMACH, metabolism

2879. **Nakai T, Watanabe T, Kigawa T, et al:** Developmental cell dynamics in the hypothalamus, the anterior pituitary and the ovary of the rat.
Endocr Jap 16:379-82, Jun 69
ANIMAL EXPERIMENTS/ FEMALE/ FETUS, cytology/ GESTATIONAL AGE/ *GROWTH/ *HYPOTHALAMUS, cytology/ MITOSIS/ *OVARY, cytology/ *PITUITARY GLAND, cytology/ RATS/ THYMIDINE/ TRITIUM

2880. **Nakai Y, Gorbman A:** Evidence for a doubly innervated secretory unit in the anuran pars intermedia. II. Electron microscopic studies.
Gen Comp Endocr 13:108-16, Aug 69
ANIMAL EXPERIMENTS/ FEMALE/ *FROGS, anatomy & histology/ MALE/ MICROSCOPY, ELECTRON/ MSH, secretion/ NERVE ENDINGS, cytology/ NERVE FIBERS, cytology/ NEUROSECRETION/ *PITUITARY GLAND, POSTERIOR, innervation/ *PITUITARY GLAND, POSTERIOR, secretion

2881. **Nakajima T:** [Peptides in the brain]
Protein (Tokyo) 14:279-86, Mar 69 (115 ref.) **(Jap)**
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ *BRAIN CHEMISTRY/ GLUTAMINE, analysis/ HUMAN/ OXYTOCIN, analysis/ *PEPTIDES, analysis/ PITUITARY HORMONE RELEASING FACTORS, analysis/ PITUITARY HORMONES, ANTERIOR, analysis/ PITUITARY HORMONES, POSTERIOR, analysis/ REVIEW

2882. **Nakamura M, Tanaka A:** [Protein-binding corticotropin and hypothalamic corticotropin]
Saishin Igaku 24:988-92, May 69 **(Jap)**
ACETONE/ ANIMAL EXPERIMENTS/ CATTLE/ CHROMATOGRAPHY/ *CORTICOTROPIN, analysis/ GEL FILTRATION/ *HYPOTHALAMUS, analysis/ MICE/ *PITUITARY GLAND, analysis/ PROTEIN BINDING/ *PROTEINS, analysis/ RATS/ WATER

2883. **Nakano S:** [Grade of tissue calcification in the microscopic level]
J Jap Orthop Ass 43:441-54, Jun 69 **(Jap)**
ADOLESCENCE/ ADULT/ *BONE DISEASES, radiography/ *CALCIFICATION, PHYSIOLOGIC/ *CALCINOSIS, radiography/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MICRORADIOGRAPHY/ MIDDLE AGE/ *OSTEOCYTES

2884. **Nakano Y, Ezaki T, Sugano Y, et al:** [Fractionation of steroid hormones, epinephrine and their metabolites. Metabolism of catecholamine]
Jap J Clin Med 27:600-8, Mar 69 **(Jap)**
*CATECHOLAMINES, metabolism/ CATECHOLAMINES, urine/ ENDOCRINE DISEASES, metabolism/ HUMAN/ NEOPLASMS, metabolism

2885. **Nakao K, Shima S:** [Advances and problems in corticoid measurement]
Clin Endocr (Tokyo) 17:285-92, Apr 69 (79 ref.) **(Jap)**
*ADRENAL CORTEX HORMONES, analysis/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ FLUORESCENCE/ METHODS/ PHENYLHYDRAZINE/ PROTEIN BINDING/ RADIOIMMUNOASSAY/ RADIOISOTOPES/ REVIEW

2886. **Nakayama I, Nickerson PA, Skelton FR:** An ultrastructural study of the adrenocorticotrophic hormone-secreting cell in the rat adenohypophysis during adrenal cortical regeneration.
Lab Invest 21:169-78, Aug 69
*ADRENAL GLANDS, growth & development/ ANIMAL EXPERIMENTS/ *CORTICOTROPIN, secretion/ CYTOPLASMIC GRANULES/ ENDOPLASMIC RETICULUM/ FEMALE/ GOLGI APPARATUS/ LYSOSOMES/ MICROSCOPY, ELECTRON/ *PITUITARY GLAND, cytology/ *PITUITARY GLAND, secretion/ RATS/ *REGENERATION

2887. **Nakhmanson SE:** Znachenie uropepsinovogo testa pri gormonal'noĭ i antibakterial'noĭ terapii bol'nykh tuberkulezom legkikh.
Vrach Delo 1:123-4, Jan 67 **(Rus)**
ADRENAL CORTEX HORMONES, therapeutic use/ ANTIBIOTICS, therapeutic use/ CORTICOTROPIN, therapeutic use/ HUMAN/ *17-KETOSTEROIDS, urine/ TUBERCULOSIS, PULMONARY, drug therapy/ *TUBERCULOSIS, PULMONARY, urine/ *UROPEPSIN, urine

2888. **Nambara T, Numazawa M:** Studies on metabolism of 3-desoxyestrone. II. Isolation and characterization of urinary metabolites of 3-desoxyestrone in rabbit.
Chem Pharm Bull (Tokyo) 17:1200-5, Jun 69
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY/ *ESTRONE, urine/ MALE/ RABBITS

2889. **Nanba H, Fujita H:** Fine structure of the thyroid parafollicular cells in normal, vitamin D and CaCl2-treated, and CaCl2-treated mice.
Arch Histol Jap 30:283-93, Apr 69
ANIMAL EXPERIMENTS/ *CALCIUM CHLORIDE, pharmacodynamics/ CYTOPLASMIC GRANULES/ ENDOPLASMIC RETICULUM/ GOLGI APPARATUS/ HYPERCALCEMIA, pathology/ INJECTIONS, SUBCUTANEOUS/ MALE/ MICE/ MICROSCOPY, ELECTRON/ THYROCALCITONIN, metabolism/ *THYROID GLAND, cytology/ THYROID GLAND, drug effects/ THYROID GLAND, pathology/ TIME FACTORS/ *VITAMIN D, pharmacodynamics

2890. **Napalkov NP:** Experiments with different carcinogens in pregnant animals. Effect of blastomogenic substances on the organism during the period of embryogenesis. Food Cosmet Toxic 6:582-4, Dec 68
*ABNORMALITIES, DRUG-INDUCED/ ANIMAL EXPERIMENTS/ CARCINOGENS/ *CARCINOGENS, pharmacodynamics/ CHICK EMBRYO/ *EMBRYO, drug effects/ FEMALE/ KIDNEY NEOPLASMS, chemically induced/ NEOPLASMS, EXPERIMENTAL, chemically induced/ PREGNANCY/ *PREGNANCY, ANIMAL, drug effects/ RATS/ THYROID NEOPLASMS, chemically induced

2891. **Narabayashi H, Handa H, Tani E, et al:** Symposium. Parkinsonism.
Neurol Medicochir (Tokyo) 9:293-7, 1967
ADULT/ AGED/ ELECTRIC STIMULATION/ HUMAN/ HYPOTHALAMUS, surgery/ MALE/ MIDDLE AGE/ *PARKINSONISM/ PARKINSONISM, surgery/ SPINAL FUSION/ STEREOTAXIC TECHNICS/ TREMOR, surgery

2892. **Narabayashi Y:** [Kinetic study of the bone]
J Jap Orthop Ass 43:475-80, Jun 69 **(Jap)**
ADULT/ AGED/ ANIMAL EXPERIMENTS/ *BONE AND BONES, physiology/ COMPUTERS, ANALOG/ DOGS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ IN VITRO/ KINETICS/ MALE/ MIDDLE AGE/ TIBIA, physiology/ *VIBRATION

2893. **Narasimha Rao PL:** Control of encephalitis in laboratory monkeys by benzyl isothiocyanate.
Indian J Exp Biol 7:119-20, Apr 69
*ENCEPHALITIS, drug therapy/ *ENCEPHALITIS, veterinary/ INJECTIONS, INTRAMUSCULAR/ *MONKEY DISEASES, drug therapy/ MONKEYS/ *THIOCYANATES, therapeutic use

2894. **Narasimhamurthy G:** A preliminary note on the study of lactogenic properties of leptaden (alarsin pharmaceuticals, Bombay).
Indian Vet J 46:510-6, Jun 69
ANIMAL EXPERIMENTS/ *CATTLE/ FEMALE/ *LACTATION, drug effects/ PLANT EXTRACTS/ *PROLACTIN, pharmacodynamics

2895. **Nars PW, Bühler EM:** Das XO-XY-Geschlechtschromosomenmosaik.
Humangenetik 7:185-96, 1969 **(Ger)**
ADULT/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *MOSAICISM/ *TURNER'S SYNDROME/ TURNER'S SYNDROME, diagnosis

2896. **Narychev AA, Narycheva KK:** Ob otdalennykh razul'tatakh khirurgicheskogo lecheniia bol'nykh tireotoksikozom.
Probl Endokr (Moskva) 13:7-13, May-Jun 67 (Rus)
ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ HYPERTHYROIDISM, classification/ *HYPERTHYROIDISM, surgery/ MALE/ MIDDLE AGE

2897. **Nasjleti CE, Spencer HH, Blankenship J, et al:** Cytogenetic studies of normal and cleft-palate epitheliums in mice. J Dent Res 48:590-4, Jul-Aug 69
*ABNORMALITIES, DRUG-INDUCED/ ANIMAL EXPERIMENTS/ *CHROMOSOME ABNORMALITIES, chemically induced/ *CLEFT PALATE, chemically induced/ *CLEFT PALATE, pathology/ CORTISONE, pharmacodynamics/ KARYOTYPING/ MICE/ *PALATE, anatomy & histology

2898. **Nasjletti A, Matsunaga M, Masson GM:** Effects of estrogens on plasma angiotensinogen and renin activity in nephrectomized rats.
Endocrinology 85:967-70, Nov 69
*ALPHA GLOBULIN/ AMMONIUM COMPOUNDS/ *ANGIOTENSIN AMIDE, blood/ ANGIOTENSINASE/ ANIMAL EXPERIMENTS/ CHYMOTRYPSIN/ DIALYSIS/ *DIETHYLSTILBESTROL, pharmacodynamics/ HEAT/ NEPHRECTOMY/ PRECIPITATION/ RATS/ *RENIN, blood/ STIMULATION, CHEMICAL/ TRYPSIN

2899. **Nassa S, Pudjiadi SH, Markum AH, et al:** Effect of anabolics (Durabolin) on peripheral blood values in protein-calorie deficiency.
Paediat Indonesia 9:43-50, May-Apr 69
*BLOOD CELL COUNT/ CHILD, PRESCHOOL/ FEMALE/ *HEMOGLOBIN, analysis/ HUMAN/ INFANT/ MALE/ *NANDROLONE, therapeutic use/ *PROTEIN DEFICIENCY, drug therapy

2900. **Năstase V, Srainer M, Zbranca TE, et al:** Studiul corelaţiilor dintre micro şi macroelementele din sursele de apă din cîteva localităţi rurale în determinarea morbidităţii prin DET şi carii dentare.
Rev Medicochir Iasi 73:409-14, Apr-Jun 69 (Rum)
COPPER, analysis/ *DENTAL CARIES, occurrence/ *ELEMENTS, analysis/ ENGLISH ABSTRACT/ *GOITER, occurrence/ HUMAN/ IODINE, analysis/ MANGANESE, analysis/ *MINERALS, analysis/ MOLYBDENUM, analysis/ RUMANIA/ RURAL HEALTH/ *WATER SUPPLY/ ZINC, analysis

2901. **Natochin IuV:** Sovremennye predstvaleniia o mekhanizme kletochnogo deistviia antidiureticheskogo gormona (obzor literatury)
Probl Endokr (Moskva) 14:118-26, Jul-Aug 68 (123 ref.) (Rus)
ADENINE NUCLEOTIDES, metabolism/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ ADENOSINE TRIPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ CELL MEMBRANE PERMEABILITY, drug effects/ HISTOCYTOCHEMISTRY/ HUMAN/ HYALURONIC ACID/ HYALURONIDASE/ KIDNEY, drug effects/ MITOCHONDRIA/ OSMOSIS/ REVIEW/ SODIUM, metabolism/ *VASOPRESSIN/ VASOPRESSIN, pharmacodynamics

2902. **Naugol'nykh EZ:** Po povodu stat'i V. G. Daragan, K. V. Posylinoi i T. V. Daragan "Otsenka fraktsionnogo metoda opredeleniia éstrogenov v moche v usloviiakh ginekologicheskoi praktiki".
Lab Delo 6:353-4, 1969 (Rus)
*ESTROGENS, urine/ FEMALE/ GYNECOLOGY/ HUMAN/ METHODS

2903. **Naumenko EV, Il'iuchenok RIu, Loskutova LV, et al:** Serotoninoreaktivnye struktury gipotalamusa i funktsiia gipofizarno-nadpochechnikovoi sistemy.
Probl Endokr (Moskva) 14:83-6, Jul-Aug 68 (Rus)
GUINEA PIGS/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, blood/ HYPOTHALAMUS, drug effects/ *HYPOTHALAMUS, physiology/ MALE/ *PITUITARY-ADRENAL SYSTEM, physiology/ *SEROTONIN, pharmacodynamics

2904. **Nayer P de, Visscher M de:** Thyroglobulin synthesis in a thyroid polyribosomal cell-free system.
Biochem Biophys Res Commun 36:639-46, 15 Aug 69
AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CATTLE/ CELL-FREE SYSTEM/ CENTRIFUGATION, DENSITY GRADIENT/ DEXTRAN/ GEL FILTRATION/ IN VITRO/ *RIBOSOMES, metabolism/ SOLUBILITY/ *THYROGLOBULIN, biosynthesis/ THYROGLOBULIN, metabolism/ *THYROID GLAND, metabolism

2905. **Nayfeh SN, Baggett B:** Metabolism of progesterone by rattesticular homogenates. 3. Inhibitory effects of intermediates and other steroids.
Steroids 14:269-83, Sep 69
ANDROSTANES, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHROMATOGRAPHY, THIN LAYER/ HYDROXYPROGESTERONE, metabolism/ IN VITRO/ ISOFLUROPHATE, metabolism/ 17-KETOSTEROIDS, metabolism/ MALE/ NORETHYNODREL, metabolism/ *PROGESTERONE, metabolism/ RATS/ *TESTIS, metabolism/ TESTOSTERONE, metabolism

2906. **Nayler WG, Chipperfield D:** Effect of skeletal muscle potentiators on Ca++ in cardiac sarcoplasmic reticulum. Amer J Physiol 217:609-14, Aug 69
ANIMAL EXPERIMENTS/ BROMIDES, pharmacodynamics/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ CHLORIDES, pharmacodynamics/ DOGS/ METHODS/ MICROSOMES, metabolism/ *MUSCLE CONTRACTION, drug effects/ *MUSCLES, physiology/ MYOCARDIUM, metabolism/ NITRATES, pharmacodynamics/ PAPILLARY MUSCLES, physiology/ ZINC, pharmacodynamics

2907. **Nayyar RP, Barr ML:** Histochemical studies on the accessory body of cajal in neurones of the cat.
J Comp Neurol 132:125-34, Jan 68
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ ARGININE, analysis/ *BRAIN CHEMISTRY/ CATS/ *CELL NUCLEOLUS, analysis/ DNA, analysis/ FEMALE/ HISTIDINE, analysis/ HISTOCYTOCHEMISTRY/ HISTONES, analysis/ LIPIDS, analysis/ MALE/ *NEURONS, analysis/ RNA, analysis/ SEX CHROMATIN, analysis/ SPINAL CORD, analysis/ *SPINAL CORD, analysis/ TRYPTOPHAN, analysis/ TYROSINE, analysis

2908. **Nazarow K:** Zaburzenia nerwowo-psychiczne w przypadkach niezgodności immunologicznej w zakresie grup ABO.
Neurol Neurochir Pol 3:385-8, May-Jun 69 (Pol)
*ABO FACTORS/ AUTOIMMUNE DISEASES/ *BLOOD GROUP INCOMPATIBILITY, complications/ BLOOD GROUP INCOMPATIBILITY, immunology/ BRAIN DAMAGE, CHRONIC/ *BRAIN DISEASES, etiology/ ENGLISH ABSTRACT/ EPILEPSY/ FACTOR ANALYSIS, STATISTICAL/ FEMALE/ HUMAN/ *MONGOLISM, etiology/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ SEX CHROMOSOME ABNORMALITIES

2909. **Neal GE, Belham JE, Williams DC:** A simple technique for the separation and estimation of 3H-labelled androgen metabolites. Biochem J 114:31P-32P, Sep 69
*ANDROGENS, metabolism/ ANIMAL EXPERIMENTS/ IN VITRO/ MALE/ METHODS/ PROSTATE, metabolism/ RATS/ TESTOSTERONE, metabolism/ TISSUE EXTRACTS/ TRITIUM

2910. **Necheles TF, Rai US:** Studies on the control of hemoglobin synthesis: the in vitro stimulating effect of a 5-beta-H steroid metabolite on heme formation in human bone marrow cells. Blood 34:380-4, Sep 69
*ANDROGENS, pharmacodynamics/ ANDROSTANES, pharmacodynamics/ *BONE

MARROW CELLS, metabolism/ CARBON ISOTOPES/ ETIOCHOLANOLONE, pharmacodynamics/ GLOBINS, isolation & purification/ GLYCINE, metabolism/ HEME, biosynthesis/ HEME, isolation & purification/ *HEMOGLOBIN, biosynthesis/ HUMAN/ IN VITRO/ TRITIUM

2911. **Neidhardt M:** Uber den Einfluss cytostatischer und radiologischer Behandlung auf die Bildung hämagglutinationshemmender Antikörper gegen influenza-Virus A PR 8.
Z Ges Exp Med 150:161-9, 1969 (Ger)
ANIMAL EXPERIMENTS/ *ANTIBODY FORMATION/ CYCLOPHOSPHAMIDE, pharmacodynamics/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ FEMALE/ GUINEA PIGS/ *HEMAGGLUTINATION/ IMMUNOSUPPRESSIVE AGENTS, pharmacodynamics/ INFLUENZA VIRUSES, drug effects/ *INFLUENZA VIRUSES, immunology/ INFLUENZA VIRUSES, radiation effects/ MALE/ METHOTREXATE, pharmacodynamics/ PREDNISOLONE, pharmacodynamics/ RABBITS/ RADIATION EFFECTS

2912. **Nekrasova AA, Lantsberg LA:** Rol' prostaglandinov pochek v patogeneze hipertonii.
Kardiologiia 9:86-93, Jun 69 (Rus)
ANIMAL EXPERIMENTS/ ARTERIES/ BLOOD PRESSURE/ ENGLISH ABSTRACT/ *HYPERTENSION, etiology/ *HYPERTENSION, MALIGNANT, metabolism/ *HYPERTENSION, RENAL, metabolism/ HYPERTROPHY/ ISCHEMIA/ KIDNEY, analysis/ KIDNEY, blood supply/ KIDNEY, pathology/ METHODS/ NEPHRECTOMY/ ORGAN WEIGHT/ PROSTAGLANDINS, analysis/ *PROSTAGLANDINS, biosynthesis/ RABBITS/ TIME FACTORS

2913. **Nelemans FA:** Treating the patient threat for his eyes.
Ophthalmologica (Basel) 158:208-17, 1969
ANTIMALARIALS, adverse effects/ CATARACT, chemically induced/ CORNEA/ *DRUG THERAPY, adverse effects/ *EYE DISEASES, chemically induced/ GLAUCOMA, chemically induced/ GLUCOCORTICOIDS, adverse effects/ HUMAN/ INTRAOCULAR PRESSURE/ MYOPIA, chemically induced/ PHENOTHIAZINES, adverse effects/ PROMETHAZINE, adverse effects/ RETINA/ RETINAL PIGMENTS/ SULFONAMIDES, adverse effects

2914. **Nelson GH:** Patterns of maternal urinary estriol excretion in stillbirths and neonatal deaths.
Southern Med J 62:1085-9, Sep 69
ADOLESCENCE/ ADULT/ CHROMATOGRAPHY, GAS/ *ESTRIOL, urine/ FEMALE/ *FETAL DEATH, urine/ FETAL DISEASES, urine/ GESTATIONAL AGE/ HUMAN/ INFANT, NEWBORN/ *INFANT, NEWBORN, DISEASES/ PREGNANCY

2915. **Nelson GH, Scoggin WA:** Low estriol excretion in congenital heart block. Obstet Gynec 34:460-1, Sep 69
ADULT/ *ESTRIOL, urine/ FEMALE/ *FETAL DISEASES, urine/ FETAL HEART/ *HEART BLOCK, congenital/ *HEART BLOCK, urine/ HUMAN/ INFANT, NEWBORN/ PREGNANCY

2916. **Nemeritskaia IB, Saifulina MG:** O sostoianii kory nadpochechnikov u bol'nykh glaukomoĭ.
Lab Delo 8:505, 1967 (Rus)
*ADRENAL GLANDS, pathology/ *GLAUCOMA, pathology/ HUMAN

2917. **Neri P, Benvenuti F, Canali G, et al:** Studi sul fattore lattogenoplacentare umano. I. Preparazione e proprietà del alpha-NAD ridotto.
Boll Soc Ital Biol Sper 44:1359-62, 31 Aug 68 (Ita)
FEMALE/ HUMAN/ *PLACENTAL HORMONES, analysis/ PLACENTAL LACTOGEN, analysis

2918. **Neri P, Pallini V, Cocola F:** Studi sul fattore lattogeno placentare umano. II. Effetti della fotoosidazione in presenza di rosa bengala.
Boll Soc Ital Biol Sper 44:1362-4, 31 Aug 68 (Ita)
CHEMISTRY/ HUMAN/ *PLACENTAL HORMONES/ PLACENTAL LACTOGEN/ *ROSE BENGAL, pharmacodynamics

2919. **Nerup J, Lindholm J, Soborg M, et al:** Organ-specific antibodies in idiopathic panhypopituitarism, primary thyroid and adrenal insufficiency.
Acta Med Scand 185:293-6, Apr 69
*ADDISON'S DISEASE, immunology/ ADRENAL GLANDS, immunology/ ADULT/ AGED/ ANTINUCLEAR FACTORS, analysis/ AUTOANTIBODIES, analysis/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ GASTRIC MUCOSA, immunology/ HUMAN/ *HYPOPITUITARISM, immunology/ MALE/ MIDDLE AGE/ *MYXEDEMA, immunology/ ORGAN SPECIFICITY/ PITUITARY GLAND, immunology/ SALIVARY GLANDS, immunology/ SHEEHAN'S SYNDROME, immunology/ THYROGLOBULIN, analysis

2920. **Neshkov NS, Gordeev VV:** Sostoianie polovoĭ funktsii pri iazvennoĭ bolezni. Vrach Delo 6:142-3, Jun 69 (Rus)
ADULT/ HUMAN/ MALE/ MIDDLE AGE/ *PEPTIC ULCER, complications/ PEPTIC ULCER, physiopathology/ *SEX DISORDERS, etiology/ SPERMATOZOA/ TESTIS, physiopathology

2921. **Nespiak A, Peczyńska W, Siewiński A:** Microbial transformations. II. Reduction of androstene-5-3beta-OL-17-one by rhodotorula strains.
Arch Immun Ther Exp 17:443-6, 1969
*ANDROSTANES, metabolism/ *BACTERIA, metabolism/ BACTERIOLOGICAL TECHNICS/ CHROMATOGRAPHY, THIN LAYER

2922. **Nesyn IN:** Izmenenie nekotorykh pokazateleĭ tkanevogo obmena u krolikov pri dlitel'nom kormlenii strumigenami (k voprosu o roli gipoksii v patogeneze zobnoĭ bolezni)
Probl Endokr (Moskva) 14:80-3, Nov-Dec 68 (Rus)
ANIMAL EXPERIMENTS/ *ANOXIA, complications/ DIET/ ENGLISH ABSTRACT/ GLUTATHIONE, blood/ *GOITER, etiology/ MALE/ METHYLTHIOURACIL/ OXYGEN, blood/ POTASSIUM/ RABBITS/ SULFONIC ACIDS/ THIOCYANATES

2923. **Neuman WF, Mulryan BJ:** On the nature of exchangeable sodium in bone.
Calcif Tissue Res 3:261-5, 1969
*BONE AND BONES, metabolism/ CRYSTALLIZATION/ KINETICS/ MODELS, BIOLOGIC/ *SODIUM, metabolism/ SODIUM ISOTOPES/ WATER

2924. **Neville AM, Orr JC, Trofimow ND, et al:** A time study of the in vitro metabolism of 3 beta-hydroxyandrost-5-en-17-one by human adrenocortical tissue. Steroids 14:97-117, Aug 69
*ADENOMA, metabolism/ *ADRENAL GLAND NEOPLASMS, metabolism/ *ADRENAL GLANDS, metabolism/ CHROMATOGRAPHY, GAS/ CUSHING'S SYNDROME, etiology/ DEHYDROEPIANDROSTERONE, analysis/ DEHYDROEPIANDROSTERONE, isolation & purification/ DEHYDROEPIANDROSTERONE, metabolism/ ESTRONE, isolation & purification/ HUMAN/ IN VITRO/ KINETICS/ SPECTRUM ANALYSIS/ STEROIDS, isolation & purification/ TESTOSTERONE, isolation & purification/ TIME FACTORS/ TRITIUM

2925. **Newbould BB:** The pharmacology of fenclozic acid (2-(4-chlorophenyl)-thiazol-4-ylacetic acid; I.C.I. 54,450; 'Myalex'); a new compound with anti-inflammatory, analgesic and antipyretic activityi.
Brit J Pharmacol 35:487-97, Mar 69
ADRENAL CORTEX HORMONES, pharmacodynamics/ ADRENAL GLANDS, metabolism/ ADRENALECTOMY/ *ANALGESICS AND ANTIPYRETICS, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ ARTHRITIS, chemically induced/ ARTHRITIS, drug therapy/ EDEMA, drug therapy/ ERYTHEMA, drug therapy/ GUINEA PIGS/ MALE/ MICE/ PARAFFIN/

PHARMACEUTIC AIDS/ PHENYLBUTAZONE, pharmacodynamics/ RATS/ TIME FACTORS

2926. Nicholson PM: Polyacrylamide gel electrophoresis of rhesus monkey (Macaca mulatta) pituitary gland extracts. J Endocr 44:459-60, Jul 69
ABORTION/ ANIMAL EXPERIMENTS/ ELECTROPHORESIS/ FEMALE/ GELS/ MONKEYS/ *PITUITARY GLAND, analysis/ PREGNANCY/ PROLACTIN, isolation & purification/ SOMATOTROPIN, isolation & purification/ *TISSUE EXTRACTS, analysis

2927. Nicolaescu T, Bordeianu A, Bittman E, et al: Facteurs stimulants de la régénération hépatique; rôle des stéroïdes anabolisants dans la régénération réactive des hépatopathies chroniques.
Rev Roum Physiol 6:119-26, 1969 (Fre)
ADULT/ AGED/ *ANABOLIC STEROIDS, therapeutic use/ *ANDROSTANES, therapeutic use/ CHRONIC DISEASE/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, therapeutic use/ *LIVER CIRRHOSIS, metabolism/ *LIVER DISEASES, metabolism/ *LIVER REGENERATION/ MIDDLE AGE/ PROTEINS, biosynthesis/ PROTHROMBIN TIME/ RADIOAUTOGRAPHY/ SERUM ALBUMIN/ TESTOSTERONE, therapeutic use

2928. Nicolino J, Lucciani JM: A propos des ostéo-arthropathies des hemochromatoses idiopathiques. Diabete 15:196-200, Jul-Sep 67 (Fre)
ADULT/ *BONE DISEASES, etiology/ *CALCINOSIS, etiology/ ENGLISH ABSTRACT/ FEMALE/ *HEMOCHROMATOSIS, complications/ HUMAN/ *JOINT DISEASES, etiology/ MALE/ MIDDLE AGE/ *OSTEOPOROSIS, etiology/ *PERIOSTEUM

2929. Nicolis FB, Ginoulhiac E: Studio delle variazioni della triptofano-pirrolasi epatica indotte da differenti corticosteroidi nel ratto.
Acta Vitamin (Milano) 23:19-26, 1969 (Ita)
ANIMAL EXPERIMENTS/ BETAMETHASONE, pharmacodynamics/ DEXAMETHASONE, pharmacodynamics/ ENGLISH ABSTRACT/ *GLUCOCORTICOIDS, pharmacodynamics/ LIVER, drug effects/ *LIVER, enzymology/ METHYLPREDNISOLONE, pharmacodynamics/ PREDNISOLONE, pharmacodynamics/ PREDNISONE, pharmacodynamics/ RATS/ *TRYPTOPHAN OXYGENASE, metabolism

2930. Nicoll CS: Bioassay of prolactin. Analysis of the pigeon crop-sac response to systemic prolactin injection by an improved method of response quantification.
Acta Endocr (Kobenhavn) 60:91-100, Jan 69
*BIOLOGICAL ASSAY/ EPITHELIUM, drug effects/ INJECTIONS, INTRADERMAL/ LIPIDS, analysis/ METHODS/ MUCOUS MEMBRANE, analysis/ MUCOUS MEMBRANE, drug effects/ ORGAN WEIGHT/ PIGEONS/ PROLACTIN, administration & dosage/ *PROLACTIN, pharmacodynamics/ SHEEP/ *STOMACH, AVIAN, drug effects

2931. Nicoloff JT: Treatment of hypothyroidism and myxedema coma. Mod Treatm 6:465-73, May 69
*COMA, drug therapy/ HUMAN/ *HYPOTHYROIDISM, drug therapy/ *MYXEDEMA, complications/ *THYROXINE, therapeutic use/ *TRIIODOTHYRONINE, therapeutic use

2932. Niederlandová Z, Hoja S, Belan J: Vplyv salicylanu sódneho a vplv ACTH na regeneráciu epitelu rohovky v experimentálnych podmiènkach.
Cesk Oftal 25:257-63, Sep 69 (Slo)
ANIMAL EXPERIMENTS/ *CORNEA, drug effects/ CORNEA, injuries/ *CORTICOTROPIN, therapeutic use/ ENGLISH ABSTRACT/ *EPITHELIUM, drug effects/ FEMALE/ INJECTIONS, INTRAMUSCULAR/ MALE/ RABBITS/ *REGENERATION/ *SODIUM SALICYLATE, therapeutic use

2933. Nielsen J, Johansen K, Yde H: Frequency of diabetes mellitus in patients with Klinefelter's syndrome of different chromosome constitutions and the XYY syndrome. Plasma insulin and growth hormone level after a glucose load. J Clin Endocr 29:1062-73, Aug 69
ADULT/ AGED/ BLOOD SUGAR/ DIABETES MELLITUS, etiology/ DIABETES MELLITUS, familial & genetic/ *DIABETES MELLITUS, occurrence/ FEMALE/ GLUCOSE TOLERANCE TEST/ HUMAN/ INSULIN, blood/ *KLINEFELTER'S SYNDROME, complications/ MALE/ MIDDLE AGE/ OBESITY IN DIABETES/ SEX CHROMATIN/ *SEX CHROMOSOME ABNORMALITIES, complications/ SOMATOTROPIN, blood

2934. Nielsen J, Pedersen E: Electro-encephalographic findings in patients with Klinefelter's syndrome and the XYY syndrome. Acta Neurol Scand 45:87-94, 1969
ADULT/ *BRAIN, physiopathology/ *CHROMOSOME ABNORMALITIES, physiopathology/ *ELECTROENCEPHALOGRAPHY/ EPILEPSY, complications/ HUMAN/ KARYOTYPING/ *KLINEFELTER'S SYNDROME, physiopathology/ MIDDLE AGE

2935. Nielsen J, Tsuboi T: Intelligence, EEG, personality deviation, and criminality in patients with the XYY syndrome. Brit J Psychiat 115:965, Aug 69
*CRIMINAL PSYCHOLOGY/ *ELECTROENCEPHALOGRAPHY/ HOSPITALS, PSYCHIATRIC/ HUMAN/ *INTELLIGENCE/ MALE/ *PERSONALITY DISORDERS, etiology/ *SEX CHROMOSOME ABNORMALITIES

2936. Niemi M, Sylvén B: The naphthylamidase reaction as a diagnostic tool for the demonstration of cellular injury and autophagy. Histochemie 18:40-7, 17 Apr 69
*AMINOPEPTIDASES, diagnostic use/ ANIMAL EXPERIMENTS/ AUTOLYSIS/ CATHEPSIN, diagnostic use/ *CYTOLOGY/ CYTOPLASM/ EPITHELIUM, pathology/ FEMALE/ GRAAFIAN FOLLICLE, pathology/ *HISTOCYTOCHEMISTRY/ HYDROGEN-ION CONCENTRATION/ KIDNEY, pathology/ LIVER, pathology/ LYSOSOMES/ MALE/ METHODS/ MICE/ MUSCLES, pathology/ NAPHTHALENES/ NEOPLASMS, EXPERIMENTAL, pathology/ PROSTATE, pathology/ SKIN, pathology

2937. Nieuweboer B, Gerhards E: Methode zur gaschromatographischen Testosteron-Bestimmung im Harn.
Arzneimittelforschung 19:761-4, May 69 (Ger)
ACETATES, urine/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ ENGLISH ABSTRACT/ ETHERS/ GLUCURONIDASE/ METHODS/ *TESTOSTERONE, urine/ TRITIUM

2938. Nigam VN: Effect of epinephrine on glucose metabolism in Novikoff ascites hepatoma cells.
Acta Endocr (Kobenhavn) 61:209-18, Jun 69
ADENOSINE CYCLIC 3',5'-PHOSPHATE, analysis/ ADENOSINE TRIPHOSPHATE, analysis/ ANIMAL EXPERIMENTS/ ASCITIC FLUID, cytology/ CARBON ISOTOPES/ *EPINEPHRINE, pharmacodynamics/ GLUCOSE, analysis/ *GLUCOSE, metabolism/ GLUCOSEPHOSPHATASE, analysis/ GLUCOSYLTRANSFERASES, analysis/ *HEPATOMA, metabolism/ HEXOSEPHOSPHATES, analysis/ LACTATES, biosynthesis/ LIVER GLYCOGEN, biosynthesis/ NEOPLASMS, EXPERIMENTAL, metabolism/ OXYGEN CONSUMPTION/ PHOSPHOFRUCTOKINASE, analysis/ RATS

2939. Nigrovic V, Jarvis AN: Separation of radiocarbon from radiometals in biological samples.
Anal Biochem 30:403-12, Sep 69
BENZOATES, isolation & purification/ BONE AND BONES, analysis/ CARBON, blood/ *CARBON ISOTOPES, isolation & purification/ LEAD, isolation & purification/ METALS, blood/ *METALS, isolation & purification/ METHODS/ OXIDATION-REDUCTION/ PHOSPHORUS ISOTOPES/ *RADIOISOTOPES/ *RADIOMETRY, instrumentation/ YTTRIUM ISOTOPES

2940. **Nikezić M, Jokanović R, Soldatović B, et al:** Turner-ov sindrom u dece. Klinički i citogenetski aspekti.
Srpski Arh Celok Lek 96:975-89, Oct 68 **(Ser)**
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ CHROMOSOME ABNORMALITIES, diagnosis/ CYTOGENETICS/ FEMALE/ HUMAN/ *TURNER'S SYNDROME, diagnosis

2941. **Nikitina NI, Nabokov ShA:** Sravnitel'naia tsitologicheskaia i klinicheskaia diagnostika tireoiditov. Lab Delo 9:556-70, 1968 **(Rus)**
ADULT/ AGED/ CHRONIC DISEASE/ COMPARATIVE STUDY/ *CYTODIAGNOSIS/ FEMALE/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ *THYROID NEOPLASMS, diagnosis/ *THYROIDITIS/ *THYROIDITIS, LYMPHOMATOUS, diagnosis

2942. **Nikkilä E:** Endokriinisten sairauksien aiheuttamat hätätilanteet. Duodecim 85:654-62, 1969 **(Fin)**
ACUTE DISEASE, therapy/ DIAGNOSIS, DIFFERENTIAL/ ENDOCRINE DISEASES, diagnosis/ *ENDOCRINE DISEASES, therapy/ HUMAN/ METABOLIC DISEASES, diagnosis/ *METABOLIC DISEASES, therapy/ UNCONSCIOUSNESS, therapy

2943. **Nikolaev EI:** Nekotorye kliniko-instrumental'nye dannye po izucheniiu vliianiia dlieti'nogo lechebnogo primeneniia polovykh gormonov na razvitie ateroskleroza u bol'nykh sakharnym diabetom.
Probl Endokr (Moskva) 15:8-11, Mar-Apr 69 **(Rus)**
AGED/ ANDROGENS, therapeutic use/ ARTERIOSCLEROSIS, etiology/ CHOLESTEROL, blood/ DIABETES MELLITUS, complications/ *DIABETIC ANGIOPATHIES, prevention & control/ ENGLISH ABSTRACT/ ESTROGENS, therapeutic use/ FEMALE/ HUMAN/ MIDDLE AGE/ *SEX HORMONES, therapeutic use

2944. **Nikolaevich IA:** Immunologicheskie vzaimootnoxheniia mezhdu mater'iu i plodom v svete ucheniia o transplantatsionnom immunitet (obzor literatury)
Akush Ginek (Moskva) 43:17-23, Oct 67 **(Rus)**
ANIMAL EXPERIMENTS/ ANTIBODIES/ ANTIBODY FORMATION/ ANTIGEN-ANTIBODY REACTIONS/ ANTIGENS/ ENDOCRINE GLANDS, physiology/ FEMALE/ *FETUS, immunology/ HISTOCOMPATIBILITY/ HUMAN/ HYPERSENSITIVITY/ *IMMUNE TOLERANCE/ MATERNAL-FETAL EXCHANGE/ *MATERNAL-FETAL EXCHANGE/ MICE/ NERVOUS SYSTEM, physiology/ PLACENTA, immunology/ *PREGNANCY/ RABBITS/ REVIEW/ SEX CHROMOSOMES, immunology/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY/ TROPHOBLAST, immunology

2945. **Ning J, Purich DL, Fromm HJ:** Studies on the kinetic mechanism and allosteric nature of bovine brain hexokinase. J Biol Chem 244:3840-6, 25 Jul 69
ADENINE NUCLEOTIDES/ ADENOSINE CYCLIC 3',5'-PHOSPHATE/ ADENOSINE TRIPHOSPHATE/ BINDING SITES/ BRAIN, enzymology/ CARBON ISOTOPES/ CATTLE/ FRUCTOSE/ GLYCEROPHOSPHATES/ GUANINE NUCLEOTIDES/ *HEXOKINASE/ HEXOKINASE, antagonists & inhibitors/ HEXOSAMINES/ HEXOSEPHOSPHATES/ KINETICS/ MAGNESIUM/ NUCLEOTIDES

2946. **Nir I, Behroozi K, Assael M, et al:** Changes in the electrical activity of the brain following pinealectomy.
Electroenceph Clin Neurophysiol 27:220, Aug 69
ANIMAL EXPERIMENTS/ *CEREBRAL CORTEX, physiology/ *ELECTROENCEPHALOGRAPHY/ PINEAL BODY, physiology/ RATS/ TEMPORAL LOBE, physiology

2947. **Nirmalan G, Nair SG:** Biochemical studies on the blood of Indian elephants (Elephas maximus).
Res Vet Sci 10:176-80, Mar 69
ACID PHOSPHATASE, blood/ AGE FACTORS/ ALANINE AMINOTRANSFERASE, blood/ ALKALINE PHOSPHATASE, blood/ AMYLASE, blood/ ANIMAL EXPERIMENTS/ ASPARTATE AMINOTRANSFERASE, blood/ *BLOOD CHEMICAL ANALYSIS/ BLOOD SUGAR/ CALCIUM, blood/ CATTLE/ CHOLESTEROL, blood/ DOGS/ *ELEPHANTS/ LACTATION/ MAGNESIUM, blood/ PHOSPHATES, blood/ SWINE

2948. **Nishikawa M, Ito S, Nishioeda Y, et al:** [Case of complete intramediastinal goiter with superior vena cava syndrome] Naika 23:963-6, May 69 **(Jap)**
FEMALE/ *GOITER, complications/ GOITER, surgery/ HUMAN/ MIDDLE AGE/ PHLEBOGRAPHY/ VASCULAR DISEASES, etiology/ *VENA CAVA, SUPERIOR

2949. **Nishikawa T:** The effect of cortisone acetate on the oral inoculation with Candida albicans in the germ-free mice. Keio J Med 18:47-57, Mar 69
ACETATES/ ANIMAL EXPERIMENTS/ CANDIDA, drug effects/ *CORTISONE, pharmacodynamics/ *GERM-FREE LIFE/ MICE/ *MONILIASIS, etiology/ STOMACH ULCER, etiology

2950. **Nishikaze O, Mukaida T:** [Effect of the addition of sodium sulfate on beta-glucuronidase catalysis in the determination of urinary 17-OHCS]
Med Biol (Tokyo) 78:239-42, 10 Jun 69 **(Jap)**
*GLUCURONIDASE, metabolism/ *17-HYDROXYCORTICOSTEROIDS, urine/ *SODIUM, pharmacodynamics/ *SULFATES, pharmacodynamics

2951. **Nishimaki M, Chiba Y:** [Case of appendix mucocele resembling ovarian cyst] Iryo 23:237-40, Feb 69 **(Jap)**
*APPENDIX/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ MIDDLE AGE/ *MUCOCELE, diagnosis/ *OVARIAN CYSTS, diagnosis

2952. **Nishimura T, Sugimoto O, Mori T, et al:** [Clinical effect of F 6066 on ovulation]
Sanfujin Jissai 18:301-6, Apr 69 **(Jap)**
*AMENORRHEA, drug therapy/ *ANTIMETABOLITES, therapeutic use/ *CYCLOHEXANE, therapeutic use/ ESTROGENS, urine/ F 6066, adverse effects/ F 6066, therapeutic use/ FEMALE/ GONADOTROPINS, urine/ HUMAN/ *OVULATION, drug effects/ PREGNANCY

2953. **Nishio A:** [Bone diseases caused by endocrinological disorders] Rinsho Hosha 14:198-9, Mar 69 **(Jap)**
*BONE DISEASES, etiology/ DIAGNOSIS, DIFFERENTIAL/ DWARFISM, radiography/ *ENDOCRINE DISEASES, complications/ HORMONES, metabolism/ HUMAN

2954. **Nitschke U, Strömer HH, Träger B:** Die Vasopressin-Plasmakonzentration bei adipösen und mageren Probanden.
Z Ges Inn Med 24:204-8, 1 Apr 69 **(Ger)**
BLOODLETTING/ ENGLISH ABSTRACT/ HUMAN/ *OBESITY, blood/ OBESITY, urine/ OSMOLAR CONCENTRATION/ VASOPRESSIN, blood

2955. **Noble RE:** Effect of cyproheptadine on appetite and weight gain in adults. JAMA 209:2054-5, 29 Sep 69
ADOLESCENCE/ ADULT/ *APPETITE, drug effects/ *BODY WEIGHT, drug effects/ CLINICAL RESEARCH/ CYPROHEPTADINE, adverse effects/ *CYPROHEPTADINE, pharmacodynamics/ CYPROHEPTADINE, therapeutic use/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PLACEBOS/ SEROTONIN, antagonists & inhibitors/ THINNESS

2956. **Noci L, Curiel P, Mello G:** Il carcinoma endometriale in età giovanile. Riv Ostet Ginec 23:753-65, Oct 68 **(Ita)**
ADULT/ AGE FACTORS/ CARCINOMA, complications/ *CARCINOMA, occurrence/ CARCINOMA, surgery/ DIABETES MELLITUS, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MENSTRUATION/ OBESITY, complications/ PARITY/ STEIN-LEVENTHAL SYNDROME,

complications/ UTERINE NEOPLASMS, complications/ *UTERINE NEOPLASMS, occurrence/ UTERINE NEOPLASMS, surgery

2957. **Nodate Y, Iizuka R, Koi H, et al:** [Estrogen metabolism in obese and slender women]
Sanfujin Jissai 18:219-29, Mar 69 (Jap)
ADIPOSE TISSUE, metabolism/ BODY WEIGHT/ *ESTROGENS, urine/ FEMALE/ HUMAN/ MENSTRUATION DISORDERS, complications/ *OBESITY, urine/ *THINNESS

2958. **Noel B, Quack B, Talon J:** Peroxydases leucocytaires et caryotype 47, XYY.
Ann Genet (Paris) 12:62-4, Mar 69 (Fre)
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ LEUKOCYTES, enzymology/ MALE/ *PEROXIDASES, blood/ SEX CHROMOSOME ABNORMALITIES, blood/ *SEX CHROMOSOME ABNORMALITIES, enzymology

2959. **Noetzel G, Bänder A, Vogel HG:** Tierexperimentelle Untersuchungen von Sulfonylharnstoffen auf Nebennierenmark und Nebennierenrinde.
Arzneimittelforschung 19:1171-7, Aug 69 (Ger)
ADRENAL CORTEX HORMONES, analysis/ ADRENAL GLANDS, analysis/ *ADRENAL GLANDS, drug effects/ ADRENAL MEDULLA, analysis/ *ADRENAL MEDULLA, drug effects/ ANIMAL EXPERIMENTS/ ASCORBIC ACID, analysis/ BLOOD SUGAR, analysis/ *CARBUTAMIDE, pharmacodynamics/ CATECHOLAMINES, analysis/ CATECHOLAMINES, urine/ *CHLORPROPAMIDE, pharmacodynamics/ COMPARATIVE STUDY/ CORTICOSTERONE, analysis/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ MALE/ RATS/ STIMULATION, CHEMICAL/ *TOLBUTAMIDE, pharmacodynamics

2960. **Nolen GA:** Variations in teratogenic response to hypervitaminosis A in three strains of the albino rat.
Food Cosmet Toxic 7:209-14, May 69
*ABNORMALITIES, DRUG-INDUCED/ ANENCEPHALUS, chemically induced/ ANIMAL EXPERIMENTS/ ANOPHTHALMOS, chemically induced/ BONE AND BONES, abnormalities/ CLEFT PALATE, chemically induced/ FEMALE/ HYDRONEPHROSIS, chemically induced/ MENINGOCELE, chemically induced/ PREGNANCY/ RATS/ SPECIES SPECIFICITY/ *VITAMIN A, toxicity

2961. **Nomura A, Taniguchi T, Hirai T:** The structure of tobacco mosaic virus from base analogue treated tobacco leaves. Jap J Microbiol 13:193-7, Jun 69
ALKALIES/ AZAGUANINE, analysis/ CARBON ISOTOPES/ CELLULOSE/ CENTRIFUGATION, DENSITY GRADIENT/ CHROMATOGRAPHY, ION EXCHANGE/ FLUOROURACIL, analysis/ RNA, VIRAL, analysis/ THIOURACIL, analysis/ *TOBACCO, analysis/ *TOBACCO MOSAIC VIRUS, analysis

2962. **Nomura H:** [Histopathological study of experimental hypervitaminosis D2 on the periodontium]
Shikwa Gaku 69:539-93, Apr 69 (Jap)
ACID PHOSPHATASE, analysis/ ALKALINE PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ CALCINOSIS, chemically induced/ *CALCINOSIS, pathology/ CITRATES, pharmacodynamics/ *ERGOCALCIFEROL, administration & dosage/ ESTERASES, analysis/ HISTOCYTOCHEMISTRY/ MALE/ MICROSCOPY, ELECTRON/ PERIODONTIUM, enzymology/ PERIODONTIUM, pathology/ *PERIODONTIUM, pathology/ RATS/ SODIUM, pharmacodynamics/ SUCCINATE DEHYDROGENASE, analysis/ TIME FACTORS

2963. **Norman N, Vogt JH:** Oestrogen treatment in Cushing's syndrome. Acta Endocr (Kobenhavn) 61:320-2, Jun 69
ADRENALECTOMY/ ADULT/ CASE REPORT/ CORTICOTROPIN, blood/ CORTICOTROPIN, secretion/ *CUSHING'S SYNDROME, drug therapy/ *ETHINYL ESTRADIOL, therapeutic use/ FEMALE/ HUMAN/ LUNG NEOPLASMS, metabolism/ LUNG NEOPLASMS, surgery/ MSH, blood

2964. **Norris HJ, Taylor HB, Garner FM:** Comparative pathology of ovarian neoplasms. II. Gonadal stromal tumors of bovine species.
Path Vet (Basel) 6:45-58, 1969
CATTLE/ *CATTLE DISEASES, pathology/ FEMALE/ GRAAFIAN FOLLICLE, pathology/ OVARIAN NEOPLASMS, classification/ OVARIAN NEOPLASMS, pathology/ *OVARIAN NEOPLASMS, veterinary/ OVARY, pathology/ TESTICULAR NEOPLASMS, pathology/ *TESTICULAR NEOPLASMS, veterinary

2965. **Notelovitz M:** The adrenal cortex and the pregnant diabetic. S Afr Med J 43:975-8, 9 Aug 69
ADOLESCENCE/ *ADRENAL GLANDS, metabolism/ ADULT/ CHLORPROPAMIDE, therapeutic use/ COMPARATIVE STUDY/ *DIABETES MELLITUS, urine/ DIET THERAPY/ FEMALE/ GLUCOSE TOLERANCE TEST/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, urine/ INDIA/ INSULIN, therapeutic use/ *17-KETOSTEROIDS, urine/ PITUITARY-ADRENAL FUNCTION TESTS/ PREGNANCY/ PREGNANCY IN DIABETES, drug therapy/ *PREGNANCY IN DIABETES, urine/ RACIAL STOCKS/ TIME FACTORS/ TOLBUTAMIDE, therapeutic use

2966. **Nour-Eldin F:** Oral contraceptives and thromboembolic disease. Brit Med J 2:51, 4 Oct 69
*CONTRACEPTIVES, ORAL, adverse effects/ FACTOR VIII/ FACTOR XII/ FEMALE/ HUMAN/ PHENOLS, pharmacodynamics/ *SMOKING, complications/ *THROMBOEMBOLISM, chemically induced

2967. **Nováček J:** Možnosti cytogenetického vysetření u sexuálních aberací. Cesk Pediat 24:632-6, Jul 69 (Cze)
*CYTOGENETICS/ FEMALE/ HERMAPHRODITISM/ HUMAN/ MALE/ MOSAICISM/ SEX CHROMATIN, analysis/ *SEX CHROMOSOME ABNORMALITIES/ SEX CHROMOSOMES

2968. **Novelli A, Barrio JR, Huidobro H:** 2-(N,N-Dialkylamino)ethyl esters of alpha-(3-pyridyl)mandelic acids. Synthesis and pharmacological evaluation.
J Med Chem 12:851-4, Sep 69
ACETYLCHOLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BENACTYZINE, pharmacodynamics/ CHEMISTRY/ COMPARATIVE STUDY/ ESTERS, chem synthesis/ ESTERS, pharmacodynamics/ GASTROINTESTINAL MOTILITY, drug effects/ GUINEA PIGS/ HISTAMINE, pharmacodynamics/ *ILEUM, drug effects/ MANDELIC ACID, administration & dosage/ MANDELIC ACID, analysis/ *MANDELIC ACID, chem synthesis/ *MANDELIC ACID, pharmacodynamics/ MOTOR ACTIVITY, drug effects/ MUSCLE CONTRACTION, drug effects/ SEROTONIN, pharmacodynamics

2969. **Novelli GP, Pagni E, Pirani A, et al:** La cosiddetta tossicità dell'ossigeno iperbarico come fenomeno adrenergico. Proposta di interpretazione patogenetica.
Acta Anaesth (Padova) 18:801-31, Nov-Dec 67 (Ita)
ADENOSINE TRIPHOSPHATASE, analysis/ ADRENAL MEDULLA, physiology/ ALKALINE PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ BENPERIDOL, pharmacodynamics/ CHLORPROMAZINE, pharmacodynamics/ *CONVULSIONS, etiology/ HISTOCYTOCHEMISTRY/ *HYPERBARIC OXYGENATION, adverse effects/ LIPASE, analysis/ LUNG, enzymology/ *LUNG, pathology/ MALE/ NUCLEOTIDASES, analysis/ RATS/ RESERPINE, pharmacodynamics/ *SYMPATHETIC NERVOUS SYSTEM, physiology/ *SYMPATHOLYTICS

2970. **Nover L:** Chemische und biologische Aspekte der

Wirkungsweise mischfunktioneller Oxygenasen.
Pharmazie 24:361-78, Jul 69 (215 ref.) (Ger)
AMINO ACIDS, metabolism/ CAMPHOR, metabolism/ CYTOCHROMES/ ELECTRON TRANSPORT/ ESTROGENS, metabolism/ ETHERS, metabolism/ ETHERS, CYCLIC, biosynthesis/ FATTY ACIDS, metabolism/ FLAVINS/ IONS/ IRON/ NOMENCLATURE/ NUCLEOTIDES/ OXIDATION-REDUCTION/ *OXYGENASES, pharmacodynamics/ PROSTAGLANDINS, biosynthesis/ REVIEW/ TRYPTOPHAN, metabolism

2971. **Novikov IuV, Aksiuk AF, Lentochnikov AN:** Primenenie spektrograffi dlia opredelenia mineral'nogo sostava kostnoĭ tkani pri gigienicheskikh issledovaniiakh.
Gig Sanit 34:72-6, Jun 69 (Rus)
ALUMINUM, analysis/ ANIMAL EXPERIMENTS/ *BONE AND BONES, analysis/ COPPER, analysis/ MAGNESIUM, analysis/ MANGANESE, analysis/ *METALS, analysis/ PHOSPHORUS, analysis/ SODIUM, analysis/ *SPECTRUM ANALYSIS/ STRONTIUM, analysis/ URANIUM, analysis

2972. **Nozdrachev AD:** Kharakter afferentnoĭ impul'satsii v simpaticheskikh nervakh pri adrenaléktomii i vvedeniiakh kortikosteroidov.
Fiziol Zh SSSR Sechenov 53:791-9, Jul 67 (Rus)
*ADRENAL CORTEX HORMONES, pharmacodynamics/ *ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ DOGS/ *NEURAL CONDUCTION/ NEURONS, AFFERENT/ SYMPATHETIC NERVOUS SYSTEM, drug effects/ *SYMPATHETIC NERVOUS SYSTEM, physiology

2973. **Nozdrachev AD:** Reflektornye otvety v perifericheskikh simpaticheskikh provodnikakh u bodrstvuiushchikh zivotnykh posle adrenaléktomii i vvedenii kortikosteroidnykh gormonov.
Probl Endokr (Moskva) 14:79-83, Jul-Aug 68 (Rus)
*ADRENALECTOMY, adverse effects/ ANIMAL EXPERIMENTS/ *DESOXYCORTICOSTERONE, pharmacodynamics/ DOGS/ *HYDROCORTISONE, pharmacodynamics/ MYENTERIC PLEXUS, drug effects/ MYENTERIC PLEXUS, physiology/ SPLANCHNIC NERVES, drug effects/ SPLANCHNIC NERVES, physiology/ *SYMPATHETIC NERVOUS SYSTEM, physiology

2974. **Nozdrachev AD:** Izmenenie sinapticheskoĭ peredachi v simpaticheskom ganglii pod deĭstviem gidrokortizona.
Fiziol Zh SSSR Sechenov 55:168-77, Feb 69 (Rus)
ANIMAL EXPERIMENTS/ CATS/ *GANGLIA, AUTONOMIC, drug effects/ *HYDROCORTISONE, pharmacodynamics/ *NEURAL TRANSMISSION, drug effects/ *SYNAPSES, drug effects

2975. **Nunez EA, Rebourcet MC, Jayle MF:** Pénétration de l'cestradiol 17-beta-6-7-3H a travers le tissu cutané le la ratte. Cinétique et conditions de la pénétration dans l'organisme.
Bull Soc Chim Biol (Paris) 51:299-306, 26 Jun 69 (Fre)
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, THIN LAYER/ DIFFUSION/ ENGLISH ABSTRACT/ *ESTRADIOL, metabolism/ FEMALE/ KINETICS/ RATS/ *SKIN, metabolism/ TRITIUM

2976. **Nur U:** Mitotic instability leading to an accumulation of B-chromosomes in grasshoppers.
Chromosoma 27:1-19, 1969
ANIMAL EXPERIMENTS/ *CHROMOSOMES/ CYTOGENETICS/ *INSECTS/ INTESTINES, cytology/ MALE/ *MEIOSIS/ *MITOSIS/ SPERMATOZOA, growth & development/ TESTIS, cytology/ VARIATION (GENETICS)

2977. **Nusagens N, Chef R, Lapière CM:** Métabolisme du collagène chez le rate gravide.
Arch Int Physiol 77:392-3, May 69 (Fre)
ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ CALCIUM ISOTOPES/ *COLLAGEN, metabolism/ FEMALE/ FETUS, metabolism/ HYDROXYPROLINE, urine/ *PREGNANCY/ PROLINE, metabolism/ RATS/ TIME FACTORS/ TRITIUM/ UTERUS, metabolism

2978. **Nusynowitz ML:** Holmesian observation without deduction. JAMA 209:2056-7, 29 Sep 69
ACROMEGALY, diagnosis/ ADULT/ *DIAGNOSIS/ HUMAN/ MALE

2979. **Nusynowitz ML, Waliszewski J:** Simplification of determination of serum thyroxine iodine by competitive binding analysis.
Amer J Roentgen 106:791-3, Aug 69
ADULT/ CHROMATOGRAPHY/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ HYPERTHYROIDISM, diagnosis/ HYPOPROTEINEMIA, diagnosis/ HYPOTHYROIDISM, diagnosis/ *IODINE, blood/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ METHODS/ PROTEIN BINDING/ PROTEIN-BOUND IODINE TEST/ *THYROID GLAND FUNCTION TESTS/ *THYROXINE, blood/ THYROXINE-BINDING PROTEIN

2980. **Nutting EF, Saunders FJ:** Postcopulatory effects of two antifertility agents on ova transport and implantation.
Proc Soc Exp Biol Med 131:1326-31, Sep 69
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ COITUS/ *CONTRACEPTIVE AGENTS, pharmacodynamics/ DEPRESSION, CHEMICAL/ ESTRONE, pharmacodynamics/ FEMALE/ *FERTILITY, drug effects/ MEDROXYPROGESTERONE, pharmacodynamics/ *NIDATION, drug effects/ *NITRILES, pharmacodynamics/ *OVUM, drug effects/ PREGNANCY/ *PREGNANCY, ANIMAL, drug effects/ PSEUDOPREGNANCY/ RATS

2981. **Nyfors A:** Lupus vulgaris, isoniazid, and cancer. The frequency of cancer deaths in 245 isoniazid-treated lupus vulgaris patients with an average observation period of 12 years. Scand J Resp Dis 49:264-9, 1968
ADULT/ AGE FACTORS/ AGED/ BREAST NEOPLASMS, chemically induced/ CARCINOMA, EPIDERMOID, chemically induced/ COLONIC NEOPLASMS, chemically induced/ FEMALE/ HUMAN/ ISONIAZID, administration & dosage/ *ISONIAZID, adverse effects/ LARYNGEAL NEOPLASMS, chemically induced/ *LUPUS, drug therapy/ MALE/ MIDDLE AGE/ *NEOPLASMS, chemically induced/ NEOPLASMS, mortality/ OVARIAN NEOPLASMS, chemically induced/ PANCREATIC NEOPLASMS, chemically induced/ RECTAL NEOPLASMS, chemically induced/ SEX FACTORS/ TIME FACTORS

2982. **Nylander G, Persson BH:** Bilateral agenesis of the vas deferens. Report of two cases with special reference to spermatogenesis and the epididymis.
Acta Soc Med Upsal 73:221-8, 1968
ADULT/ *EPIDIDYMIS, pathology/ EPITHELIUM/ HUMAN/ MALE/ *SPERMATOZOA/ STERILITY, MALE, etiology/ *STERILITY, MALE, pathology/ TESTIS, pathology/ *VAS DEFERENS, abnormalities

2983. **Nylander G, Persson BH, Terner N:** Effects of a new diphenylethylene derivative (F 6066) on testicular morphology in man.
Acta Soc Med Upsal 73:199-220, 1968
AGED/ BIOPSY/ *CYCLOHEXANE, pharmacodynamics/ CYCLOHEXANE, therapeutic use/ DIETHYLSTILBESTROL, pharmacodynamics/ ESTRADIOL, pharmacodynamics/ *ESTROGENS, pharmacodynamics/ ESTROGENS, therapeutic use/ FIBROBLASTS/ HUMAN/ LEYDIG CELLS, drug effects/ MALE/ MIDDLE AGE/ PROSTATIC NEOPLASMS, drug therapy/ *TESTIS, drug effects/ *TESTIS, pathology

2984. **Nylander PP, Corney G:** Placentation and zygosity of

twins in Ibadan, Nigeria.
Ann Hum Genet 33:31-40, Jul 69
BLOOD GROUPS/ FEMALE/ FERTILIZATION/ HUMAN/ INFANT, NEWBORN/ MALE/ NEGROID RACE/ NIGERIA/ *OVUM/ PEPTIDE HYDROLASES, analysis/ PHOSPHOGLUCOMUTASE, analysis/ *PLACENTA/ PLACENTA, enzymology/ PREGNANCY/ SEX FACTORS/ *TWINS

O

2985. **Obrecht-Coutris G:** Mise en évidence d'acétylcholine endogène fonctionnellement active dans le myocarde embryonnaire avant l'innervation.
J Physiol (Paris) 60:Suppl 2:506, 1968 (Fre)
*ACETYLCHOLINE, analysis/ ANIMAL EXPERIMENTS/ ATROPINE, pharmacodynamics/ CALCIUM, metabolism/ CHICK EMBRYO/ ELECTRIC STIMULATION/ *FETAL HEART, analysis/ *HEART CONDUCTION SYSTEM, embryology/ LEECHES/ MUSCLES, drug effects/ PHYSOSTIGMINE, pharmacodynamics/ POTASSIUM, metabolism

2986. **Oda M, Fukuda T:** Renin-like pressor material in ovarian venous blood of pregnant rabbits.
Tohoku J Exp Med 97:311-5, Apr 69
ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD CIRCULATION/ BLOOD PRESSURE/ FEMALE/ MALE/ NEPHRECTOMY/ *OVARY, blood supply/ PARABIOSIS/ PREGNANCY/ RABBITS/ RENAL VEINS/ *RENIN, blood/ *VASOCONSTRICTOR AGENTS, blood/ VEINS

2987. **Oda T, Endo Y:** [Congenital metabolic anomalies]
Naika 23:638-51, Apr 69 (275 ref.) (Jap)
ADRENAL CORTEX HORMONES, metabolism/ AMINO ACID METABOLISM, INBORN ERRORS/ CARBOHYDRATE METABOLISM, INBORN ERRORS/ DNA, metabolism/ HEMOGLOBIN, metabolism/ HUMAN/ LIPID METABOLISM, INBORN ERRORS/ *METABOLISM, INBORN ERRORS/ METAL METABOLISM, INBORN ERRORS/ NUCLEIC ACIDS, metabolism/ PROTEINS, metabolism/ REVIEW

2988. **Odashima S:** Development of leukemia in rats by oral administration of N-nitrosobutylurea in the drinking water. Gann 60:237, Apr 69
ADRENAL GLANDS, pathology/ ANIMAL EXPERIMENTS/ FEMALE/ KIDNEY, pathology/ *LEUKEMIA, EXPERIMENTAL, chemically induced/ LEUKEMIA, EXPERIMENTAL, pathology/ LIVER, pathology/ LYMPHATIC METASTASIS/ *NITROSO COMPOUNDS, administration & dosage/ SPLEEN, pathology/ UREA, administration & dosage/ WATER

2989. **Odavić M:** Hitna stanjá u alerGIJI.
Vojnosanit Pregl 26:289-96, Jun 69 (Cro)
ADRENAL CORTEX HORMONES, therapeutic use/ *ANAPHYLAXIS, therapy/ ANTIHISTAMINICS, therapeutic use/ HUMAN/ *HYPERSENSITIVITY, IMMEDIATE, therapy/ INTUBATION, INTRATRACHEAL/ MUSCLE RELAXANTS, therapeutic use/ TRACHEOTOMY

2990. **O'Dor RK, Parkes CO, Copp DH:** Amino acid composition of salmon calcitonin.
Canad J Biochem 47:823-5, Aug 69
*AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CALCIUM, blood/ DEXTRAN/ GEL FILTRATION/ HUMAN/ MOLECULAR WEIGHT/ SALMONIDAE/ SWINE/ *THYROCALCITONIN, analysis/ THYROCALCITONIN, isolation & purification/ THYROCALCITONIN, pharmacodynamics

2991. **Oeriu S, Oeriu I:** Thiol groups as a factor preventing senescence and stimulating growth processes in various organisms. Rev Roum Physiol 5:273-8, 1968
ADRENAL GLANDS, growth & development/ *AGING/ ANIMAL EXPERIMENTS/ ARTERIES, growth & development/ BRAIN, growth & development/ CARTILAGE, growth & development/ DOGS/ ESTROGENS, urine/ FEMALE/ GUINEA PIGS/ HUMAN/ INTESTINES, growth & development/ 17-KETOSTEROIDS, urine/ KIDNEY, growth & development/ LENS, CRYSTALLINE, growth & development/ LIVER, growth & development/ MALE/ MICE/ MUSCLES, growth & development/ OVARY, growth & development/ PITUITARY GLAND, growth & development/ PLANTS, growth & development/ RABBITS/ RATS/ SKIN, growth & development/ SPLEEN, growth & development/ *SULFHYDRYL COMPOUNDS, pharmacodynamics/ SULFUR ISOTOPES/ TESTIS, growth & development/ THYROID GLAND, growth & development

2992. **Oertel GW, Menzel P, Hüllen B:** In-vivo-Metabolismus von (6.7-3H)3-Hydroxy-1.3.5(10)-östratrien-17-on(35S)sulfat.
Hoppe Seyler Z Physiol Chem 350:755-60, Jun 69 (Ger)
BIOTRANSFORMATION/ CHROMATOGRAPHY, THIN LAYER/ *ESTRADIOL, urine/ *ESTRIOL, urine/ ESTRONE, blood/ *ESTRONE, metabolism/ FEMALE/ *GLUCURONATES, urine/ HUMAN/ SKIN, analysis/ SULFATES, blood/ *SULFATES, metabolism/ SULFUR ISOTOPES/ TRITIUM

2993. **Oertel GW, Rebelein I:** Effects of dehydroepiandrosterone and its conjugates upon the activity of glucose-6-phosphate dehydrogenase in human erythrocytes.
Biochim Biophys Acta 184:459-60, 30 Jul 69
CEREBROSIDES, pharmacodynamics/ *DEHYDROEPIANDROSTERONE, pharmacodynamics/ DEPRESSION, CHEMICAL/ *ERYTHROCYTES, enzymology/ *GLUCOSEPHOSPHATE DEHYDROGENASE, antagonists & inhibitors/ GLUCOSEPHOSPHATE DEHYDROGENASE, blood/ GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ GLUCURONATES, pharmacodynamics/ HEMOLYSIS/ HUMAN/ IN VITRO/ SULFATES, pharmacodynamics

2994. **Ogawa M, Iwase K, Kimura M, et al:** [Case of Cushing's syndrome caused by pancreatic tumor]
Clin Endocr (Tokyo) 17:448-52, May 69 (Jap)
CHILD/ CORTICOTROPIN, secretion/ *CUSHING'S SYNDROME, etiology/ EDEMA, complications/ FEMALE/ HUMAN/ INSULIN, diagnostic use/ *ISLET CELL TUMOR, complications/ ISLET CELL TUMOR, pathology/ OBESITY, complications/ *PANCREATIC NEOPLASMS, complications/ PANCREATIC NEOPLASMS, pathology

2995. **Ogawa N:** [Method of blood sample collection from the canine pituitary vein]
Jap J Clin Med 27:1376-8, May 69 (Jap)
ANIMAL EXPERIMENTS/ *BLOOD SPECIMEN COLLECTION/ DOGS/ METHODS/ *PITUITARY GLAND, blood supply/ *VEINS

2996. **Ogg CS:** Calcium metabolism in chronic renal failure.
Brit J Urol Suppl:97-102, Aug 69
ADOLESCENCE/ ADULT/ AGED/ BLOOD UREA NITROGEN/ BONE DISEASES, metabolism/ CALCIUM, blood/ *CALCIUM, metabolism/ CALCIUM, urine/ CALCIUM, DIETARY, metabolism/ CALCIUM ISOTOPES/ FEMALE/ HUMAN/ INTESTINAL ABSORPTION/ *KIDNEY FAILURE, CHRONIC, metabolism/ MALE/ MIDDLE AGE/ PHOSPHATES, blood/ SCANDIUM

2997. **Ohrt JM, Cooper A, Norton DA:** The crystal and molecular structure of 3beta,17alpha-dihydroxy-16beta-bromo-5alpha-pregnan-11,20-dione and its comparison with the related-16beta-bromo-3beta-acetate and -21-bromo-3beta-ol steroids.
Acta Crystallogr [B] (Kobenhavn) 25:41-51, 15 Jan 69
CHEMISTRY/ *PREGNANES/ X-RAY DIFFRACTION

2998. **Ohrt JM, Cooper A, Kartha G, et al:** The crystal and molecular structure of 3beta,17alpha-dihydroxy-21-bromo-5alpha-pregnan-11,20-dione.
Acta Crystallogr [B] (Kobenhavn) 24:824-30, 15 Jun 68
CHEMISTRY/ CRYSTALLOGRAPHY/ *PREGNANES

2999. **Oĭvin IA, Sveshnikov AA, Uklonskaia LI, et al:** Osobennosti razvitiia ékssudativnoĭ fazy asepticheskogo vospaleniia u adrenaléktomirovannykh zhivotnykh.
Pat Fiziol Eksp Ter 11:16-21, Mar-Apr 67 (Rus)
ADRENAL GLANDS/ ANAPHYLAXIS, metabolism/ ANIMAL EXPERIMENTS/ BURNS, metabolism/ ENGLISH ABSTRACT/ EXUDATES AND TRANSUDATES/ FEMALE/ *INFLAMMATION, metabolism/ RABBITS/ RADIATION INJURY, EXPERIMENTAL, metabolism/ RATS/ XYLENE, poisoning

3000. **Oka SW, Kraus BS:** The circumnatal status of molar crown maturation among the hominoidea.
Arch Oral Biol 14:639-59, Jun 69
ANIMAL EXPERIMENTS/ *APES/ CALCIFICATION, PHYSIOLOGIC/ CEPHALOMETRY/ HUMAN/ MANDIBLE/ MAXILLA/ MOLAR, anatomy & histology/ *MOLAR, growth & development/ TOOTH ERUPTION

3001. **Okada K, Komuro H, Terauchi S, et al:** [Case of hyperparathyroidism]
Orthop Surg (Tokyo) 20:462-6, Mar 69 (Jap)
ADENOMA, complications/ ADULT/ HUMAN/ *HYPERPARATHYROIDISM/ HYPERPARATHYROIDISM, radiography/ MALE/ OSTEITIS FIBROSA CYSTICA, etiology/ PARATHYROID NEOPLASMS, complications

3002. **Okamoto K:** [Experimental hypertension, especially on spontaneously hypertensive rats]
Iryo 23:293-305, Mar 69 (Jap)
ANIMAL EXPERIMENTS/ CORTICOTROPIN, secretion/ FEMALE/ *HYPERTENSION/ HYPERTENSION, etiology/ HYPERTENSION, metabolism/ HYPERTENSION, physiopathology/ HYPOTHALAMUS, secretion/ MALE/ RATS/ THYROTROPIN, secretion

3003. **Okamoto T:** [The effect of ADH upon secretion of water and salt from submaxillary gland of dog]
J Physiol Soc Jap 31:313-25, 1969 (Jap)
ANIMAL EXPERIMENTS/ DOGS/ ENGLISH ABSTRACT/ SALIVATION, drug effects/ *SALTS, secretion/ SUBMANDIBULAR GLAND, drug effects/ *SUBMANDIBULAR GLAND, secretion/ *VASOPRESSIN, pharmacodynamics/ *WATER, secretion

3004. **Okamoto T, Kyo Y, Matsuoka K, et al:** [Determination of 17-ketogenic steroids. 1. Comparison between indirect and direct methodw with NaBi03 and NaIO4 methods] Jap J Clin Path 17:392-6, May 69 (Jap)
ADULT/ BISMUTH/ COLORIMETRY/ COMPARATIVE STUDY/ FEMALE/ HUMAN/ INDICATORS AND REAGENTS/ *17-KETOSTEROIDS, urine/ MALE/ METHODS/ PERIODIC ACIDS/ SODIUM

3005. **Okano M:** [Study on the renin-angiotensin-aldosterone system. Evaluation of the dynamics of renal renin and adrenal cortex aldosterone production in the chronic stage of Goldblatt's rats]
Jap Circ J 31:1773-83, Nov 67 (Jap)
*ADRENAL GLANDS, metabolism/ ADRENAL GLANDS, pathology/ *ALDOSTERONE, biosynthesis/ ALDOSTERONE, physiology/ ANGIOTENSIN, physiology/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ CHROMATOGRAPHY, THIN LAYER/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ HISTOCYTOCHEMISTRY/ HYPERTENSION, RENAL, etiology/ *HYPERTENSION, RENAL, metabolism/ HYPERTENSION, RENAL, pathology/ HYPERTROPHY/ KIDNEY, analysis/ *KIDNEY, metabolism/ KIDNEY, pathology/ MALE/ MICROSCOPY, ELECTRON/ RATS/ RENAL ARTERY, surgery/ RENIN, analysis/ *RENIN, biosynthesis/ RENIN, physiology

3006. **Oksenkrug GF:** Primenei ningidrinovopi raktsii dlia fliuroimetricheskogo opredeleniia tkanevogo serotonina, ékstragirovannogo iz kisloĭ sredy.
Vop Med Khim 15:317-21, May-Jun 69 (Rus)
ANIMAL EXPERIMENTS/ *BRAIN CHEMISTRY/ ENGLISH ABSTRACT/ FLUORESCENCE/ FLUOROMETRY/ *INDICATORS AND REAGENTS/ INDOLES/ METHODS/ MICE/ *NOREPINEPHRINE, analysis/ RATS/ *SEROTONIN, analysis

3007. **Okumura H, Miyahara K, Ito K, et al:** [Review of literature and a case report of steroid pancreatitis]
Naika 23:915-20, May 69 (Jap)
*ADRENAL CORTEX HORMONES, adverse effects/ FEMALE/ HUMAN/ MIDDLE AGE/ *PANCREATITIS, chemically induced

3008. **Okuneva LM, Onishchuk NS:** Gomogenizator dlia tverdykh tkaneĭ. Lab Delo 1:59, 1967 (Rus)
*BONE AND BONES/ *CARTILAGE/ *EQUIPMENT AND SUPPLIES

3009. **Oleneva EN:** Puti limfoottoka iz organov malogo taza u plodov, novorozhdennykh i deteĭ.
Akush Ginek (Moskva) 43:23-6, Apr 67 (Rus)
*CHILD/ FEMALE/ *FETUS, anatomy & histology/ HUMAN/ *INFANT, NEWBORN/ *LYMPHATIC SYSTEM, anatomy & histology/ *OVARY, anatomy & histology/ *UTERUS, anatomy & histology

3010. **Olifson LE, Lebed'kova SE:** Kolichestvennoe opredelenie soderzhaniia otdel'nykh fraktsiĭ 17-ketosteroidov v moche metodom tonkosloĭnoĭ khromatografii. Lab Delo 6:344-8, 1969 (Rus)
ADOLESCENCE/ AGE FACTORS/ CHILD/ *CHROMATOGRAPHY, THIN LAYER/ HUMAN/ *17-KETOSTEROIDS, urine/ METHODS

3011. **Olivereau M:** Activité de la pars intermedia de l'hypophyse autotransplantée chez l'anguille.
Z Zellforsch 98:74-87, 1969 (Fre)
ANIMAL EXPERIMENTS/ EELS, cytology/ *EELS, physiology/ ENGLISH ABSTRACT/ HYPOPHYSECTOMY/ MALE/ *MSH, physiology/ MSH, secretion/ *PIGMENTATION/ PITUITARY GLAND, cytology/ *PITUITARY GLAND, physiology/ PITUITARY GLAND, transplantation/ *PROLACTIN, physiology/ PROLACTIN, secretion/ TRANSPLANTATION, AUTOLOGOUS

3012. **Olivero M, Lattes MG, Campantico E, et al:** L'azione della prolattina e dell'ormone somatotropo su larve di Bufo bufo normali e ipofisectomizzate.
Ric Sci 37:997-1004, Nov 67 (Ita)
ANIMAL EXPERIMENTS/ *FROGS, drug effects/ FROGS, growth & development/ HYPOPHYSECTOMY/ *METAMORPHOSIS, BIOLOGICAL, drug effects/ *PROLACTIN, pharmacodynamics/ *SOMATOTROPIN, pharmacodynamics

3013. **Olney JW, Sharpe LG:** Brain lesions in an infant rhesus monkey treated with monsodium glutamate.
Science 166:386-8, 17 Oct 69
ANIMAL EXPERIMENTS/ *ANIMALS, NEWBORN/ *BRAIN DISEASES, chemically induced/ BRAIN DISEASES, pathology/ DENDRITES, drug effects/ FOOD ADDITIVES/ *GLUTAMATES/ GLUTAMATES, blood/ HYPOTHALAMUS, drug effects/ INJECTIONS, SUBCUTANEOUS/ MICROSCOPY, ELECTRON/ SODIUM

3014. **Olson IA, Skuse DE:** The use of liquid photographic emulsion for demonstrating blood vessels in histological sections. J Micr 89:345-8, 1969
ADRENAL GLANDS, blood supply/ ANIMAL EXPERIMENTS/ *BLOOD VESSELS/ *EMULSIONS/ GUINEA PIGS/ HEART VENTRICLE/ *HISTOLOGICAL TECHNICS/ INJECTIONS/ INTESTINES, blood supply/ LIVER, blood supply/ LUNG, blood supply/

LYMPH NODES, blood supply/ SPLEEN, blood supply/ THYMUS GLAND, blood supply

3015. **Omoto T:** Histological changes of the contralateral adrenal cortex in acute and subacute phases of unilateral adrenalectomy in rats, with special reference to the mode of compensatory hypertrophy.
Endocr Jap 16:315-29, Jun 69
ACUTE DISEASE/ *ADRENAL GLAND DISEASES, pathology/ ADRENAL GLANDS, analysis/ *ADRENAL GLANDS, pathology/ *ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CHOLESTEROL, analysis/ HYPERTROPHY/ MALE/ ORGAN WEIGHT/ RATS

3016. **Onen K, Obek A:** 4-chloro-N-(furylmethyl)-5-sulfamoyla-anthranilic asid (Lasix) in diüretik etkisinin klinik etüdü.
Tip Fak Mec (Istanbul) 31:257-66, 1968 (Tur)
DIABETES INSIPIDUS, drug therapy/ *DIURESIS, drug effects/ ENGLISH ABSTRACT/ *FUROSEMIDE, therapeutic use/ GLOMERULAR FILTRATION RATE/ HUMAN/ INJECTIONS, INTRAVENOUS/ *KIDNEY, drug effects/ *KIDNEY DISEASES, drug therapy

3017. **Onishchenko IuV:** Krystalooptychni konstanty testosteronu i ioho pokhidnykh.
Farm Zh (Kiev) 24:48-9, 1969 (Ukr)
*CRYSTALLOGRAPHY/ ENGLISH ABSTRACT/ *METHYLTESTOSTERONE, analysis/ *PROPIONATES, analysis/ *TESTOSTERONE, analysis

3018. **Onishi M, Oshigane A, Kuriyama S, et al:** [Round table conference: conception of dental caries and its prevention] J Jap Dent Ass 22:264-75, Jun 69 (Jap)
CALCIFICATION, PHYSIOLOGIC/ CHILD/ *DENTAL CARIES, etiology/ *DENTAL CARIES, prevention & control/ DENTAL PLAQUE, complications/ HUMAN/ RODENTS

3019. **Onoe K, Kobashi K, Matsumo S, et al:** [Studies on glucose tolerance and glucose-insulin response of hypophysectomized rats]
Folia Endocr Jap 45:321-5, 20 Jun 69 (Jap)
ANIMAL EXPERIMENTS/ BLOOD SUGAR, analysis/ ENGLISH ABSTRACT/ GLUCOSE OXIDASE/ *GLUCOSE TOLERANCE TEST/ HYPOGLYCEMIA, etiology/ HYPOPHYSECTOMY/ *INSULIN, blood/ MALE/ *PITUITARY GLAND, physiology/ RADIOIMMUNOASSAY/ RATS/ TIME FACTORS

3020. **Oparin IA:** O sviazi estestvennogo soderzhaniia kobal'ta v pishchevykh produktakh s intensivnost'iu zobnoi éndemii v raionakh dagestana.
Probl Endokr (Moskva) 15:26-7, Mar-Apr 69 (Rus)
*COBALT/ DEFICIENCY DISEASES/ ENGLISH ABSTRACT/ *FOOD/ *GOITER, etiology/ GOITER, ENDEMIC, etiology/ HUMAN/ IODINE

3021. **Op't Hof J:** Isoenzymes and population genetics of sorbit dehydrogenase (EC: 1.1.1.14) in swine (Sus scrofa). Humangenetik 7:258-9, 1969
*ALCOHOL OXIDOREDUCTASES/ ANIMAL EXPERIMENTS/ ELECTROPHORESIS/ GENETICS, POPULATION/ *ISOENZYMES/ KIDNEY, enzymology/ LIVER, enzymology/ MALE/ SORBITOL/ SWINE/ TESTIS, enzymology/ THYROID GLAND, enzymology

3022. **Orekhov KV, Loginova ZT, Petrova GV, et al:** Uglevodnyi obmen u novorozhdennykh ot materei, bol'nykh sakharnym diabetom.
Pediatriia 48:61-4, Mar 69 (30 ref.) (Rus)
*CARBOHYDRATES, metabolism/ DIABETES MELLITUS/ FEMALE/ HUMAN/ HYALINE MEMBRANE DISEASE, etiology/ 17-HYDROXYCORTICOSTEROIDS, urine/ HYPERGLYCEMIA, etiology/ HYPOGLYCEMIA, etiology/ *INFANT, NEWBORN/ PLACENTA, physiopathology/ PREGNANCY/ *PREGNANCY IN DIABETES/ RENAL VEINS/ REVIEW/ THROMBOSIS, etiology

3023. **Oreshchenko NI:** Vliianie 4-metiluratsila na éffektivnost' trenirovki myshts.
Fiziol Zh SSSR Sechenov 55:227-30, Feb 69 (Rus)
ANIMAL EXPERIMENTS/ *EXERTION, drug effects/ *METHYLTHIOURACIL, pharmacodynamics/ *MUSCLES, drug effects/ RATS

3024. **Oreshuk FA, Shifrin EG, Protasevich AA:** Deistvie nekotorykh farmakologicheskikh veshchestv na kollateral'noe krovoobrashchenie v miokarde pri ego shuntirovannom krovosnabzhenii.
Kardiologiia 9:73-8, Jun 69 (Rus)
ANIMAL EXPERIMENTS/ ARTERIES/ BLOOD PRESSURE, drug effects/ *CARBACHOL, pharmacodynamics/ CAROTID ARTERIES, surgery/ *COLLATERAL CIRCULATION, drug effects/ *CORONARY DISEASE/ *CORONARY VESSELS, drug effects/ CORONARY VESSELS, surgery/ DOGS/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ *EPINEPHRINE, pharmacodynamics/ FEMORAL ARTERY, drug effects/ INJECTIONS, INTRAVENOUS/ METHODS/ *PAPAVERINE, pharmacodynamics/ *PITUITARY HORMONES, POSTERIOR, pharmacodynamics/ PULSE, drug effects

3025. **Orimo H:** [Advances and problems in the determination of parathyroid hormone and thyrocalcitonin]
Clin Endocr (Tokyo) 17:325-41, Apr 69 (70 ref.) (Jap)
ADRENAL GLAND HYPERFUNCTION, metabolism/ ADRENAL GLAND HYPOFUNCTION, metabolism/ ADULT/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BODY FLUIDS, analysis/ CALCIUM, metabolism/ CATTLE/ DOGS/ HUMAN/ IMMUNOASSAY/ MALE/ MICE/ MITOCHONDRIA, LIVER, metabolism/ *PARATHYROID HORMONE, analysis/ PHOSPHORUS, metabolism/ RABBITS/ RADIOIMMUNOASSAY/ RATS/ REVIEW/ *THYROCALCITONIN, analysis/ THYROID GLAND, analysis

3026. **Orimo H, Fujita T, Yoshikawa M:** Pyrophosphate enhancement of hypocalcemic effect of thyrocalcitonin in rat. Endocr Jap 16:309-13, Jun 69
ANIMAL EXPERIMENTS/ *CALCIUM, blood/ CALCIUM, DIETARY, pharmacodynamics/ COLORIMETRY/ FASTING/ HYPOCALCEMIA, chemically induced/ MALE/ MICE/ PARATHYROID GLANDS, physiology/ PYROPHOSPHATES/ *PYROPHOSPHATES, pharmacodynamics/ THYROCALCITONIN/ *THYROCALCITONIN, pharmacodynamics/ THYROIDECTOMY

3027. **Orkodashvili LSHORKDASHV:** Funktsional'noe sostoianie kory nadpochechnikov i podveni desametazonom sistemy gipotalamus--gipofiz--ora nadochechikov u ol'nykh sakharnym diabetom.
Probl Endokr (Moskva) 15:13-8, Jan-Feb 69 (Rus)
ACIDOSIS, DIABETIC/ ADOLESCENCE/ *ADRENAL GLANDS, physiopathology/ ADULT/ AGED/ *DEXAMETHASONE, diagnostic use/ *DIABETES MELLITUS, physiopathology/ DIABETIC NEPHROPATHIES/ DIABETIC RETINOPATHY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiopathology/ 17-KETOSTEROIDS, urine/ MIDDLE AGE/ OBESITY IN DIABETES

3028. **Orlov AF:** Tireokal'tsitonin--gipokal'tsiemicheskii gormon shchitovidnoi zhelezy (obzo liteatury)
Probl Endokr (Moskva) 15:109-17, Jan-Feb 69 (76 ref.) (Rus)
ANIMAL EXPERIMENTS/ HUMAN/ HYPOCALCEMIA/ REVIEW/ *THYROCALCITONIN/ THYROCALCITONIN, blood/ THYROCALCITONIN, isolation & purification/ THYROCALCITONIN, secretion

3029. **Orlova VG:** Primenenie metoda Fotherby dlia opredeleniia degidroépiandrosterona v moche v akusherskoi klinike. Lab Delo 6:348-50, 1969 (Rus)
*ABORTION, HABITUAL, urine/ *ADRENOGENITAL SYNDROME, urine/ *DEHYDROEPIANDROSTERONE, urine/

FEMALE/ HUMAN/ *17-KETOSTEROIDS, urine/ METHODS/ PITUITARY-ADRENAL FUNCTION TESTS/ PREGNANCY

3030. **Orsetti A, Belaïche R, Macabies J:** Modification de l'insulino-sécrétion chez la chienne recevant quotidiennement des progestatifs de synthèse.
C R Soc Biol (Paris) 162:2193-5, 1968 (Fre)
ANIMAL EXPERIMENTS/ BLOOD SUGAR/ DOGS/ FEMALE/ GLUCOSE TOLERANCE TEST/ *INSULIN, secretion/ PANCREATECTOMY/ *PROGESTATIONAL HORMONES, pharmacodynamics

3031. **Orskov ER, Flatt WP, Moe PW, et al:** The influence of ruminal infusion of volatile fatty acids on milk yield and composition and on energy utilization by lactating cows.
Brit J Nutr 23:443-53, Aug 69
*ACETIC ACIDS, metabolism/ ANIMAL EXPERIMENTS/ ANIMAL FEED/ ANIMAL NUTRITION/ BODY WEIGHT/ CALORIMETRY/ CATTLE/ FATTY ACIDS, analysis/ FEMALE/ FERMENTATION/ GLUCOSE, metabolism/ INTESTINE, SMALL, metabolism/ *LACTATION/ *METABOLISM, drug effects/ *MILK, analysis/ PREGNANCY/ *PROPIONATES, metabolism/ *RUMEN, metabolism/ STARCH, metabolism

3032. **Osawa N, Ibayashi H:** [Extra-adrenal action of ACTH]
Jap J Clin Med 27:1434-41, May 69 (Jap)
ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ CARBOHYDRATES, metabolism/ *CORTICOTROPIN, physiology/ DOGS/ HUMAN/ INSULIN, blood/ INSULIN, secretion

3033. **Osborne RW, Tuell SW:** Surgical technics in pelvic exenteration and ileal bladder construction.
Amer J Surg 118:218-24, Aug 69
*BLADDER NEOPLASMS, surgery/ CERVIX NEOPLASMS, surgery/ COLONIC NEOPLASMS, surgery/ FEMALE/ HUMAN/ *ILEUM, surgery/ MALE/ METHODS/ OVARIAN NEOPLASMS, surgery/ *PELVIC EXENTERATION/ PELVIC EXENTERATION, mortality/ *PELVIC NEOPLASMS, surgery/ POSTOPERATIVE COMPLICATIONS/ PROSTATIC NEOPLASMS, surgery/ RECTAL NEOPLASMS, surgery/ SEX FACTORS/ URETHRAL NEOPLASMS, surgery/ *URINARY DIVERSION

3034. **O'Shea T, Wales RG:** Further studies of the deep freezing of rabbit spermatozoa in reconstituted skim milk powder.
Aust J Biol Sci 22:709-19, Jun 69
ANIMAL EXPERIMENTS/ CARBON DIOXIDE/ COLD/ CORPUS LUTEUM/ EMBRYO/ FEMALE/ FERTILITY/ *FREEZING/ FRUCTOSE, pharmacodynamics/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ INSEMINATION, ARTIFICIAL/ MALE/ METHODS/ *MILK/ MOTION/ NITROGEN/ OVULATION, drug effects/ OVUM/ PREGNANCY/ RABBITS/ *SPERMATOZOA/ SPERMATOZOA, physiology/ TEMPERATURE/ TIME FACTORS/ *TISSUE PRESERVATION

3035. **Oshima K, Gorbman A:** Effect of estradiol on NaCl-evoked olfactory bulbar potentials in goldfish: dose--response relationships.
Gen Comp Endocr 13:92-7, Aug 69
ANIMAL EXPERIMENTS/ CYPRINIDAE/ ELECTROENCEPHALOGRAPHY/ ESTRADIOL, administration & dosage/ *ESTRADIOL, pharmacodynamics/ *EVOKED POTENTIALS, drug effects/ FEMALE/ LIMBIC SYSTEM, drug effects/ *LIMBIC SYSTEM, physiology/ MALE/ *SODIUM CHLORIDE, pharmacodynamics/ STIMULATION, CHEMICAL

3036. **Oshima K, Gorbman A:** Evidence for a doubly innervated secretory unit in the anuran pars intermedia. I. Electrophysiologic studies.
Gen Comp Endocr 13:98-107, Aug 69
ANIMAL EXPERIMENTS/ EVOKED POTENTIALS/ FEMALE/ *FROGS, physiology/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ LIGHT/ MALE/ MESENCEPHALON, surgery/ *MSH, secretion/ NEURONS, physiology/ NEURONS, radiation effects/ NEUROSECRETION/ *PITUITARY GLAND, POSTERIOR, innervation/ PITUITARY GLAND, POSTERIOR, physiology/ PITUITARY GLAND, POSTERIOR, radiation effects/ PITUITARY GLAND, POSTERIOR, secretion/ RADIATION EFFECTS

3037. **Osman R, Morrow JW:** Reticulum cell sarcoma with primary manifestation in the testicle: 3 case reports.
J Urol 102:230-2, Aug 69
AGED/ CASTRATION/ HUMAN/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ *SARCOMA, RETICULUM CELL, pathology/ SARCOMA, RETICULUM CELL, surgery/ *TESTICULAR NEOPLASMS, pathology/ TESTICULAR NEOPLASMS, surgery

3038. **Ossoinig K:** Echographie der Orbita--Methode der Wahl für die Diagnostik des einseitigen Exophthalmus.
Schweiz Med Wschr 99:1033-9, 12 Jul 69 (Ger)
DERMOID CYST, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ *EXOPHTHALMOS, diagnosis/ EYE NEOPLASMS, diagnosis/ HEMANGIOMA, CAVERNOUS, diagnosis/ HUMAN/ MENINGIOMA, diagnosis/ METHODS/ ORBITAL NEOPLASMS, diagnosis/ SARCOMA, diagnosis/ *ULTRASONICS, diagnostic use

3039. **Ostrovskiĭ IuM, Vingoradov VV:** Tiamin i kora nadpochechnika. Ob izmenenii biosinteza kortikosteroidov odnokratnym vvedeniem tiamina ili oksitiamina.
Probl Endokr (Moskva) 14:99-103, Jul-Aug 68 (Rus)
ADRENAL CORTEX HORMONES, analysis/ *ADRENAL CORTEX HORMONES, biosynthesis/ ADRENAL CORTEX HORMONES, blood/ *ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, enzymology/ ASCORBIC ACID, analysis/ GLUCOSEPHOSPHATE DEHYDROGENASE, analysis/ RATS/ *THIAMINE, pharmacodynamics/ TRANSFERASES, analysis

3040. **Osuch MV, Chen C:** Fate of exogenous marinobufagin-3H in Bufo marinus.
Biochem Pharmacol 18:1803-8, Aug 69
ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ BUFANOLIDES, analysis/ *BUFANOLIDES, metabolism/ CHOLESTEROL, metabolism/ CHROMATOGRAPHY, THIN LAYER/ COMPARATIVE STUDY/ FEMALE/ GASTROINTESTINAL SYSTEM, analysis/ KIDNEY, analysis/ MYOCARDIUM, analysis/ OVARY, analysis/ PAROTID GLAND, analysis/ SKIN, analysis/ TOADS/ TRITIUM/ VENOMS, analysis

3041. **Osuntokun BO, Akinkugbe FM, McFarlane H:** Multiple myeloma, osteosclerosis and neuromyopathy.
W Afr Med J 18:43-6, Apr 69
CASE REPORT/ HUMAN/ MALE/ MIDDLE AGE/ *MULTIPLE MYELOMA/ *OSTEOPOROSIS/ *OSTEOSCLEROSIS/ *TUBERCULOSIS, LYMPH NODE

3042. **Ota M:** [Experimental studies on the effect of low oxygen inhalation on adrenocortical secretion--by the retention cannula method for collecting lumbo-adrenal venous blood in the dog]
Folia Endocr Jap 45:284-309, 20 Jun 69 (Jap)
*ADRENAL CORTEX HORMONES, secretion/ ADRENAL GLANDS, secretion/ ANIMAL EXPERIMENTS/ *ANOXIA, metabolism/ CATHETERIZATION/ CORTICOTROPIN, secretion/ DEXAMETHASONE, administration & dosage/ DOGS/ ENGLISH ABSTRACT/ HEART RATE/ HYDROCORTISONE, blood/ 17-HYDROXYCORTICOSTEROIDS, blood/ 17-HYDROXYCORTICOSTEROIDS, secretion/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiopathology/ METHODS/ NITROGEN/ OXYGEN, blood/ PULSE/ REGIONAL BLOOD FLOW/ RESPIRATION/ TIME FACTORS/ VEINS

3043. **Ota M, Dronkert A:** Partial separation of

gonadotropin-inhibiting substance in human urine.
Endocr Jap 16:279-81, Apr 69
ADULT/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CHROMATOGRAPHY/ FEMALE/ GEL FILTRATION/ *GONADOTROPINS, antagonists & inhibitors/ GONADOTROPINS, CHORIONIC, antagonists & inhibitors/ GONADOTROPINS, EQUINE, antagonists & inhibitors/ HUMAN/ MALE/ MICE/ OVULATION, drug effects/ *URINE, analysis

3044. **Ota S:** [Study of serotonin metabolism in pediatrics. 2. Blood serotonin level in various diseases in children]
Acta Paediat Jap 73:775-85, 1 Jun 69 **(Jap)**
ADOLESCENCE/ *BRAIN DISEASES, blood/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HEMATOLOGIC DISEASES, blood/ HUMAN/ *HYPERSENSITIVITY, blood/ INFANT/ KIDNEY DISEASES, blood/ MALE/ *METABOLIC DISEASES, blood/ *SEROTONIN, blood

3045. **Ota S:** [Study of serotonin metabolism in pediatrics. 1. Blood serotonin level in normal children]
Acta Paediat Jap 73:770-4, 1 Jun 69 **(Jap)**
ADOLESCENCE/ ADULT/ AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ FLUOROMETRY/ HUMAN/ *SEROTONIN, blood

3046. **Otero C:** Hiperparatiroidismo primario.
Rev Med Chile 97:267-9, Apr 69 **(Spa)**
ADENOMA, complications/ ADULT/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ *HYPERTHYROIDISM, etiology/ MALE/ PARATHYROID NEOPLASMS, complications

3047. **Otori T, Yuasa T, Mizukawa T:** [Brain tumors from the ophthalmologic viewpoint]
Jap J Clin Med 27:1627-41, Jun 69 (57 ref.) **(Jap)**
ADOLESCENCE/ ADULT/ *BRAIN NEOPLASMS, complications/ BRAIN NEOPLASMS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ EXOPHTHALMOS, complications/ *EYE MANIFESTATIONS/ FUNDUS OCULI/ HUMAN/ OCULOMOTOR PARALYSIS, complications/ OPTIC ATROPHY, complications/ PAPILLEDEMA, complications/ REVIEW/ VISION DISORDERS, complications/ VISUAL FIELDS

3048. **Otsuka K:** [Advances and problems in the determination of the renin activity of the blood]
Clin Endocr (Tokyo) 17:357-60, Apr 69 (23 ref.) **(Jap)**
ANGIOTENSINASE, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ METHODS/ RABBITS/ RADIOIMMUNOASSAY/ *RENIN, blood/ REVIEW

3049. **Otten J:** Effet de l'hormone thyréotrope sur le métabolisme glucidique de coupes de thyoïdes humaines in vitro.
Arch Int Physiol 77:395-6, May 69 **(Fre)**
CARBON DIOXIDE, biosynthesis/ CARBON ISOTOPES/ *GLUCOSE, metabolism/ HUMAN/ IN VITRO/ LACTATES, biosynthesis/ OXYGEN CONSUMPTION/ THYROID GLAND, drug effects/ *THYROID GLAND, metabolism/ *THYROTROPIN, pharmacodynamics

3050. **Ottoboni A, Ferguson JI:** Excretion of DDT compounds in rat milk. Toxic Appl Pharmacol 15:56-61, Jul 69
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, GAS/ *DDT, analysis/ DDT, metabolism/ FATS, analysis/ FEMALE/ LACTATION/ LIPIDS, analysis/ LIVER, analysis/ *MILK, analysis/ RATS

3051. **Ovadia J:** Treatment plans in homogeneous tissue, using electrons of 15 to 37 MEV.
Ann NY Acad Sci 161:243-53, 3 Jul 69
*ADENOMA, radiotherapy/ BONE AND BONES, anatomy & histology/ *ELECTRONS, therapeutic use/ HUMAN/ *PATIENT CARE PLANNING/ *PITUITARY NEOPLASMS, radiotherapy/ RADIOTHERAPY DOSAGE/ RADIOTHERAPY, HIGH ENERGY

3052. **Ovadia JL, Eckerling B, Goldman JA:** The changing picture of puerperal sepsis under the influence of modern drugs. Gynaecologia (Basel) 168:55-62, 1969
ABRUPTIO PLACENTAE, complications/ ADULT/ *ANTIBIOTICS, therapeutic use/ CORTISONE, therapeutic use/ FEMALE/ *GLUCOCORTICOIDS, therapeutic use/ HUMAN/ HYSTERECTOMY/ PREGNANCY/ *PUERPERAL INFECTION, drug therapy/ PUERPERAL INFECTION, etiology/ UTERUS, pathology

3053. **Oyama T, Shibata S, Matsuki A, et al:** Thyroxine distribution during halothane anesthesia in man.
Anesth Analg (Cleveland) 48:715-9, Sep-Oct 69
ADULT/ *ANESTHESIA, INHALATION/ *HALOTHANE/ HUMAN/ INJECTIONS, INTRAMUSCULAR/ IODINE ISOTOPES, DIAGNOSTIC/ NITROUS OXIDE/ PREANESTHETIC MEDICATION/ *THYROXINE, blood/ TRIIODOTHYRONINE, blood

3054. **Oyama T, Takiguchi M, Takazawa T, et al:** Effect of meperidine on adrenocortical function in man.
Canad Anaesth Soc J 16:282-91, Jul 69
ACID-BASE EQUILIBRIUM/ ADOLESCENCE/ *ADRENAL GLANDS, drug effects/ ADULT/ AGED/ ANESTHESIA, INHALATION/ ATROPINE, administration & dosage/ CHOLECYSTECTOMY/ DRUG SYNERGISM/ FEMALE/ GASTRECTOMY/ HUMAN/ HYDROCORTISONE, blood/ HYSTERECTOMY/ INJECTIONS, INTRAMUSCULAR/ INJECTIONS, INTRAVENOUS/ MALE/ MASTECTOMY/ *MEPERIDINE, administration & dosage/ MIDDLE AGE/ NITROUS OXIDE, administration & dosage/ OXYGEN, administration & dosage/ PREANESTHETIC MEDICATION/ STRESS, PSYCHOLOGIC/ SUCCINYLCHOLINE, administration & dosage

3055. **Ozawa H, Aihara H:** [Effects of cyclic 3', 5'-AMP and theophylline on the smooth muscle and heart preparation]
Folia Pharmacol Jap 65:17-27, 20 Mar 69 **(Jap)**
ACETYLCHOLINE, pharmacodynamics/ *ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ CATS/ COCAINE, pharmacodynamics/ DEPRESSION, CHEMICAL/ DOGS/ ELECTRIC STIMULATION/ ELECTROCARDIOGRAPHY/ EPINEPHRINE, pharmacodynamics/ FEMALE/ GUINEA PIGS/ *HEART, drug effects/ HEART RATE, drug effects/ HYPOGASTRIC PLEXUS, physiology/ IN VITRO/ INTESTINE, SMALL, drug effects/ ISOPROTERENOL, pharmacodynamics/ MALE/ *MUSCLE, SMOOTH, drug effects/ NICTITATING MEMBRANE, drug effects/ NOREPINEPHRINE, pharmacodynamics/ PENTOBARBITAL, pharmacodynamics/ RATS/ STIMULATION, CHEMICAL/ THEOPHYLLINE, pharmacodynamics/ TYRAMINE, pharmacodynamics/ VAS DEFERENS, drug effects

P

3056. **Paalman RJ, Van Vliet PD:** Brenner's tumor with theca cell luteinization and hormonal function.
Amer J Obstet Gynec 104:1216-8, 15 Aug 69
AGED/ *BRENNER TUMOR, complications/ BRENNER TUMOR, pathology/ ENDOMETRIUM, pathology/ *ESTROGENS, metabolism/ FEMALE/ HUMAN/ HYSTERECTOMY/ MENOPAUSE/ *OVARIAN NEOPLASMS, complications/ OVARIAN NEOPLASMS, pathology/ *THECA CELL TUMOR, complications/ THECA CELL TUMOR, pathology

3057. **Paasonen MK:** Platelet 5-hydroxytryptamine as a model in pharmacology.
Ann Med Exp Biol Fenn 46:416-22, 1968 (72 ref.)
ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, metabolism/ CHLORPROMAZINE, pharmacodynamics/ NOREPINEPHRINE, metabolism/ PHENOTHIAZINES,

pharmacodynamics/ RABBITS/ REVIEW/ *SEROTONIN

3058. **Paatsama S, Rissanen P, Rokkanen P:** Effect of estradiol, testosterone, cortisone acetate, somatotropin, thyrotropin and parathyroid hormone on the lumbar intervertebral disc in growing dogs.
J Small Anim Pract 10:351-4, Aug 69
ANIMAL EXPERIMENTS/ *CORTISONE, pharmacodynamics/ DOGS/ *ESTRADIOL, pharmacodynamics/ FEMALE/ *INTERVERTEBRAL DISK, drug effects/ INTERVERTEBRAL DISK, growth & development/ LUMBOSACRAL REGION/ MALE/ *PARATHYROID HORMONE, pharmacodynamics/ *TESTOSTERONE, pharmacodynamics/ *THYROTROPIN, pharmacodynamics

3059. **Pacovský V:** Hyperfunkce příštítných tělísek s renální nedostatečností a pruritus.
Cas Lek Cesk 108:1107, Sep 69 (Cze)
ADOLESCENCE/ ADULT/ FEMALE/ GLOMERULAR FILTRATION RATE/ HUMAN/ *HYPERPARATHYROIDISM, complications/ HYPERPARATHYROIDISM, surgery/ *KIDNEY FAILURE, CHRONIC, complications/ MALE/ MIDDLE AGE/ *PRURITUS, etiology/ PRURITUS, therapy

3060. **Paeschke KD:** Die Beteiligung der Ascorbinsäure am Ovulationsvorgang. Arch Gynaek 207:54-5, 1969 (Ger)
ANIMAL EXPERIMENTS/ ASCORBIC ACID, analysis/ ASCORBIC ACID, blood/ *ASCORBIC ACID, physiology/ ASCORBIC ACID, urine/ ESTRUS/ FEMALE/ GRAAFIAN FOLLICLE, analysis/ GUINEA PIGS/ HUMAN/ IRON, analysis/ LACTATE DEHYDROGENASE, analysis/ MALATE DEHYDROGENASE, analysis/ OVARY, analysis/ OVARY, enzymology/ *OVULATION

3061. **Pagano A:** L'encefalopatia mioclonica infantile con ipsaritmia.
Osped Psichiat 36:249-334, Jul-Dec 68 (94 ref.) (Ita)
*BRAIN DISEASES, complications/ BRAIN DISEASES, diagnosis/ BRAIN DISEASES, drug therapy/ BRAIN DISEASES, pathology/ CHILD/ CHILD, PRESCHOOL/ CORTICOTROPIN, therapeutic use/ DIAGNOSIS, DIFFERENTIAL/ ELECTROENCEPHALOGRAPHY/ ELECTROMYOGRAPHY/ FEMALE/ HUMAN/ *HYPSARRHYTHMIA, complications/ HYPSARRHYTHMIA, diagnosis/ HYPSARRHYTHMIA, drug therapy/ HYPSARRHYTHMIA, pathology/ MALE/ MENTAL RETARDATION, etiology/ *MYOCLONUS, complications/ MYOCLONUS, diagnosis/ MYOCLONUS, drug therapy/ MYOCLONUS, pathology/ PROGNOSIS/ PSYCHOMOTOR DISORDERS, etiology/ REVIEW

3062. **Page LK, Lombroso CT, Matson DD:** Childhood epilepsy with late detection of cerebral glioma.
J Neurosurg 31:253-61, Sep 69
ADOLESCENCE/ AGE FACTORS/ ASTROCYTOMA, complications/ ASTROCYTOMA, diagnosis/ BEHAVIOR/ *BRAIN NEOPLASMS, complications/ BRAIN NEOPLASMS, diagnosis/ CHILD/ CHILD, PRESCHOOL/ ELECTROENCEPHALOGRAPHY/ EPENDYMOMA, complications/ EPENDYMOMA, diagnosis/ *EPILEPSY, complications/ FEMALE/ *GLIOMA, complications/ GLIOMA, diagnosis/ HUMAN/ INFANT/ MALE/ NEUROBLASTOMA, complications/ NEUROLOGIC EXAMINATION/ NEUROLOGIC MANIFESTATIONS/ OLIGODENDROGLIOMA, complications/ OLIGODENDROGLIOMA, diagnosis/ PUBERTY/ SKULL, radiography

3063. **Pageot-Simpson P, Wolff E:** La sensibilité différentielle d'une tumeur maligne humaine et de gonades embryonnaires en culture organotypique in vitro à une substance alkylante, le Melphalan.
C R Acad Sci [D] (Paris) 268:2997-3000, 16 Jun 69 (Fre)
ANIMAL EXPERIMENTS/ CHICK EMBRYO/ FEMALE/ *GONADS, drug effects/ GONADS, embryology/ HUMAN/ *LIVER NEOPLASMS, drug therapy/ LIVER NEOPLASMS, pathology/ MALE/ *MELPHALAN, pharmacodynamics/ NEOPLASM METASTASIS/ OVARY, cytology/ OVARY, drug effects/ STOMACH NEOPLASMS/ TESTIS, cytology/ TESTIS, drug effects/ TISSUE CULTURE

3064. **Paik WK, Kim S:** Protein methylation in rat brain in vitro. J Neurochem 16:1257-61, Aug 69
*AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ ARGININE, metabolism/ CARBON ISOTOPES/ CENTRIFUGATION/ CHROMATOGRAPHY/ DIALYSIS/ HISTIDINE, metabolism/ HISTONES, metabolism/ IN VITRO/ KIDNEY, metabolism/ LIVER, metabolism/ LYSINE, metabolism/ *METHIONINE, metabolism/ *METHYLATION/ MYOCARDIUM, metabolism/ *NERVE TISSUE PROTEINS, metabolism/ PANCREAS, metabolism/ RATS/ SPLEEN, metabolism/ TESTIS, metabolism/ THYMUS GLAND, metabolism

3065. **Pajares JM, Mate J, Martinez Piñeiro M, et al:** Tratamiento de la colitis ulcerosa. Consideraciones sobre 28 casos.
Rev Esp Enferm Apar Dig 29:231-40, Aug-Sep 69 (Spa)
*ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ *COLITIS, ULCERATIVE, drug therapy/ COLITIS, ULCERATIVE, surgery/ FEMALE/ HUMAN/ MALE/ *SALICYLAZOSULFAPYRIDINE, therapeutic use/ TIME FACTORS

3066. **Pákozdi L, Wiltner W:** Effect of guanethidine on the circulation of hyperthyroid patients. Its usefulness for their treatment and surgical preparation.
Ther Hung 17:28-30, 1969
ADOLESCENCE/ ADULT/ AGED/ BLOOD PRESSURE, drug effects/ *GUANETHIDINE, therapeutic use/ HUMAN/ *HYPERTHYROIDISM, drug therapy/ MIDDLE AGE/ PULSE, drug effects

3067. **Pakrashi A, Basu J, Paul M:** Studies on antifertility, mode of action and toxicity of new clomiphene analogue. Indian J Exp Biol 7:117, Apr 69
ANIMAL EXPERIMENTS/ *CLOMIPHENE, pharmacodynamics/ CLOMIPHENE, toxicity/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ MALE/ MICE

3068. **Palayoor T, Batra BK:** Effects of maternal x-irradiation of mice on the germ cells of their progeny.
Indian J Exp Biol 7:89-92, Apr 69
ANIMAL EXPERIMENTS/ FEMALE/ MICE/ *OVARY, radiation effects/ *OVUM, radiation effects/ *RADIATION EFFECTS

3069. **Paliard P, Motin J, Evreux J:** Les hépatites toxiques graves. Sem Hop Paris 45:2077-84, 26 Jun 69 (Fre)
*CARBON TETRACHLORIDE POISONING/ CHLOROFORM, poisoning/ CORTISONE, therapeutic use/ ENGLISH ABSTRACT/ EXCHANGE TRANSFUSION/ *HEPATITIS, TOXIC, etiology/ HEPATITIS, TOXIC, therapy/ HUMAN/ HYDROCARBONS, poisoning/ *HYDROCARBONS, HALOGENATED, poisoning/ HYPERBARIC OXYGENATION/ JAUNDICE, complications/ METHYLTESTOSTERONE, poisoning/ *MUSHROOM POISONING/ PHENOTHIAZINES, therapeutic use/ *PHOSPHORUS, poisoning/ PLANT POISONING

3070. **Palleschi M, Palleschi A, D'Amore F:** Le citopenie da medicamenti.
Clin Ter 43:481-90, 15 Dec 67 (32 ref.) (Ita)
*AGRANULOCYTOSIS, chemically induced/ AMINOPYRINE, adverse effects/ ANTIBIOTICS, adverse effects/ ANTIDIABETICS, adverse effects/ ANTIHISTAMINICS, adverse effects/ ANTIHYPERTENSIVE AGENTS, adverse effects/ ANTI-INFLAMMATORY AGENTS, adverse effects/ ANTINEOPLASTIC AGENTS, adverse effects/ CARBUTAMIDE, adverse effects/ CHLORPROMAZINE, adverse effects/ DIURETICS, adverse effects/ *DRUG

THERAPY, adverse effects/ HUMAN/ LEUKOCYTOSIS, chemically induced/ REVIEW/ THIOCYANATES, adverse effects/ *THROMBOPENIA, chemically induced/ TRANQUILIZING AGENTS, adverse effects/ URACIL, adverse effects

3071. **Pailiez R, Delecour M, Monnier JC, et al:** Utilisation de la chlormadinone en obstétrique.
Bull Fed Gynec Obstet Franc 19:110-1, Apr-May 67 **(Fre)**
*ABORTION, drug therapy/ *CHLORMADINONE, therapeutic use/ FEMALE/ HUMAN/ *LABOR, PREMATURE, drug therapy/ PREGNANCY

3072. **Palm D, Magnus U:** Hemmung der Monoaminoxydase und Diaminoxydase durch Furazolidon (Furoxon). Pharmakologische und biochemische Untersuchungen am Menschen.
Klin Wschr 46:720-8, 1 Jul 68 **(Ger)**
APPETITE DISORDERS, chemically induced/ BLOOD PRESSURE, drug effects/ CLINICAL RESEARCH/ ENGLISH ABSTRACT/ FATIGUE, MENTAL, chemically induced/ FURAZOLIDONE, blood/ *FURAZOLIDONE, pharmacodynamics/ HEPARIN, pharmacodynamics/ *HISTAMINASE, antagonists & inhibitors/ HUMAN/ INDOLEACETIC ACID, urine/ MANDELIC ACID, urine/ *MONOAMINE OXIDASE, antagonists & inhibitors/ MONOAMINE OXIDASE INHIBITORS, pharmacodynamics/ SEROTONIN, pharmacodynamics/ SLEEP DISORDERS, chemically induced/ TIME FACTORS/ TYRAMINE, pharmacodynamics

3073. **Palmar I, Mijalković D, Kičić M, et al:** Granulocitopenija u toku lečenja favistanom.
Vojnosanit Pregl 26:279-84, Jun 69 **(Cro)**
ADULT/ *AGRANULOCYTOSIS, chemically induced/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, drug therapy/ *IMIDAZOLES, adverse effects/ MALE/ METHIMAZOLE, administration & dosage/ METHIMAZOLE, adverse effects/ MIDDLE AGE/ *THYROID ANTAGONISTS, adverse effects

3074. **Palmer KH, Cook CE, Ross FT, et al:** The preparation of 3-alpha- and 3-beta,17-beta-Dihydroxy-17-alpha-ethynyl-estr-5(10)-ene. Steroids 14:55-65, Jul 69
*ESTRANES, chem synthesis/ NORETHYNODREL/ OXIDATION-REDUCTION

3075. **Palmieri L, Bergonzini R, Mazza C:** Linforeticolosarcoma bilaterale dell'orbita (reperti flebografici orbitari in rapporto al trattamento radiante) Ann Ottal 94:1063-8, Sep 68 **(Ita)**
AGED/ EXOPHTHALMOS, etiology/ HUMAN/ MALE/ *ORBIT, blood supply/ *ORBITAL NEOPLASMS, radiotherapy/ PHLEBOGRAPHY/ RADIOMETRY/ *SARCOMA, RETICULUM CELL, radiotherapy

3076. **Palmieri L, Mazzilli G:** L'11-beta-idrossi-6-alpha-metil-progesterone (nuovo corticosteroide di sintesi ad azione antinflammatoria senza effetto ipertensive oculare)
Ann Ottal 94:1295-304, Oct 68 **(Ita)**
ADULT/ AGED/ CONJUNCTIVITIS, drug therapy/ *EYE DISEASES, drug therapy/ FEMALE/ GLUCOCORTICOIDS, adverse effects/ *GLUCOCORTICOIDS, therapeutic use/ HUMAN/ INTRAOCULAR PRESSURE, drug effects/ KERATITIS, drug therapy/ MALE/ MIDDLE AGE/ SCLERA/ UVEITIS, drug therapy

3077. **Palmiter RD:** Early macromolecular synthesis in cultured mammary tissue from midpregnant mice.
Endocrinology 85:747-51, Oct 69
*AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ DNA, biosynthesis/ FEMALE/ *GALACTOSE, metabolism/ *HYDROCORTISONE, pharmacodynamics/ IN VITRO/ *INSULIN, pharmacodynamics/ INSULIN, physiology/ *MACROMOLECULAR SYSTEMS, biosynthesis/ MAMMAE, drug effects/ *MAMMAE, metabolism/ MICE/ PREGNANCY/ *PREGNANCY, ANIMAL/ *PROLACTIN, pharmacodynamics/ RNA, biosynthesis/ STIMULATION, CHEMICAL/ *THYMIDINE, metabolism/ *TISSUE CULTURE/ TRICHLOROACETIC ACID/ TRITIUM/ *URIDINE, metabolism

3078. **Palmiter RD:** Hormonal induction and regulation of lactose synthetase in mouse mammary gland.
Biochem J 113:409-17, Jun 69
ANIMAL EXPERIMENTS/ *ENZYME INDUCTION/ FEMALE/ HYDROCORTISONE, pharmacodynamics/ INSULIN, pharmacodynamics/ LACTATION/ LACTOSE, biosynthesis/ *MAMMAE, enzymology/ MICE/ PREGNANCY/ PROLACTIN, pharmacodynamics/ PROTEINS, biosynthesis/ RNA, biosynthesis/ TISSUE CULTURE/ *TRANSFERASES, metabolism

3079. **Panajotow D, Kolarow P, Daszew G, et al:** Wpływ śladowych dawek P32 na czynność i budowę gonady męskiej. Endokr Pol 20:303-9, 1969 **(Pol)**
ANIMAL EXPERIMENTS/ DNA, analysis/ ENGLISH ABSTRACT/ HISTOCYTOCHEMISTRY/ MALE/ *PHOSPHORUS ISOTOPES/ RATS/ RNA, analysis/ TESTIS, pathology/ *TESTIS, radiation effects

3080. **Panazzolo A, Revelli E, Scarpa F, et al:** Ialuronidasi e placenta. Saggi sperimentali.
Minerva Ginec 20:1840-52, 15 Dec 68 **(Ita)**
ABORTION/ ENGLISH ABSTRACT/ FEMALE/ FETAL DISEASES/ GESTATIONAL AGE/ HUMAN/ *HYALURONIDASE, metabolism/ *PLACENTA, enzymology/ *PLACENTAL EXTRACTS, analysis/ PREGNANCY/ PREGNANCY COMPLICATIONS, enzymology/ PREGNANCY, PROLONGED

3081. **Pandey MD, Roy A:** Variation in volume and composition of body fluids (interstitial, blood and urine) as a measure of adaptability in buffaloes to a hot environment. Brit Vet J 125:389-402, Aug 69
*ADAPTATION, PHYSIOLOGICAL/ ANIMAL EXPERIMENTS/ *BLOOD CHEMICAL ANALYSIS/ *BLOOD VOLUME/ BUFFALOES/ CHLORINE, blood/ CHLORINE, metabolism/ *EXTRACELLULAR SPACE/ FEMALE/ KIDNEY, metabolism/ OSMOLAR CONCENTRATION/ SODIUM, blood/ SODIUM, metabolism/ *TROPICAL CLIMATE/ *URINE, analysis/ VASOPRESSIN, secretion/ WATER-ELECTROLYTE BALANCE

3082. **Pandha SK, Thapliyal JP:** Light and the gonadal cycle of the black-headed Munia, Munia malacca malacca.
Endocr Jap 16:157-61, Feb 69
ANIMAL EXPERIMENTS/ *BIRDS, physiology/ *LIGHT/ MALE/ SEASONS/ SPERMATOZOA/ *TESTIS, growth & development/ THYROID GLAND/ TIME FACTORS

3083. **Panfilova GV:** Angiografiia i ee primenenie v oftal'mologii. Oftal Zh 24:139-46, 1969 (56 ref.) **(Rus)**
AGE FACTORS/ ANEURYSM, diagnosis/ *ANGIOGRAPHY/ ANGIOGRAPHY, adverse effects/ CAROTID ARTERIES/ CONTRAST MEDIA/ DRUG HYPERSENSITIVITY/ EXOPHTHALMOS, diagnosis/ *EYE DISEASES, diagnosis/ HUMAN/ RADIATION INJURY/ REVIEW

3084. **Pannier JL:** Interaction des catécholamines et de la thyroxine sur la contractilité du muscle papillaire du chat. J Physiol (Paris) 60:Suppl 2:508, 1968 **(Fre)**
ANIMAL EXPERIMENTS/ CATS/ DRUG SYNERGISM/ GUINEA PIGS/ HEART ATRIUM, physiopathology/ HYPERTHYROIDISM, physiopathology/ MUSCLE CONTRACTION, drug effects/ *NOREPINEPHRINE, pharmacodynamics/ PAPILLARY MUSCLES, drug effects/ *PAPILLARY MUSCLES, physiopathology/ RESERPINE, pharmacodynamics/ THYROXINE, pharmacodynamics

3085. **Panov AN, Barutkina TS, Zarubaĭo TT:** Vliianie adrenaléktomii i zamestitel'nogo vvedeniia gidrokortizona na nekotorye storony énergeticheskogo obmena golovnogo mozga.
Probl Endokr (Moskva) 14:95-8, Jul-Aug 68 (Rus)
ADENOSINE TRIPHOSPHATE, analysis/ *ADRENALECTOMY, adverse effects/ ANIMAL EXPERIMENTS/ BRAIN, analysis/ BRAIN, drug effects/ *BRAIN, metabolism/ CHROMATOGRAPHY/ CITRATES, analysis/ *HYDROCORTISONE, pharmacodynamics/ KETOGLUTARIC ACID, analysis/ LACTATES, analysis/ PYRUVATES, analysis/ RATS

3086. **Papa C, Cugini P:** La produzione di cortisolo nel diabete senile. G Geront 15:1427-34, Dec 67 (Ita)
ADOLESCENCE/ *ADRENAL GLANDS, physiopathology/ ADULT/ AGE FACTORS/ AGED/ BLOOD PROTEINS/ BLOOD SUGAR/ CHOLESTEROL, blood/ *DIABETES MELLITUS, physiopathology/ FEMALE/ HUMAN/ *HYDROCORTISONE, biosynthesis/ MALE/ MIDDLE AGE/ PITUITARY-ADRENAL FUNCTION TESTS/ TRITIUM

3087. **Papadopoulos C, Jiji R, Maher E:** Lupus erythematosus and hyperthyroidism.
Amer J Dis Child 118:621-5, Oct 69
CASE REPORT/ CHILD/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, complications/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ PERICARDIAL EFFUSION, etiology/ PERICARDITIS, etiology/ PERICARDITIS, radiography/ PURPURA, THROMBOPENIC, etiology

3088. **Papalia D, Vigneri R, Motta L:** L'adenoma tossico della tiroide (studio su 120 casi)
Folia Endocr (Roma) 21:501-28, Aug 68 (Ita)
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ ENGLISH ABSTRACT/ FEMALE/ *GOITER, EXOPHTHALMIC, occurrence/ GOITER, EXOPHTHALMIC, therapy/ HUMAN/ *HYPERTHYROIDISM, occurrence/ HYPERTHYROIDISM, therapy/ IODINE ISOTOPES, therapeutic use/ IODINE ISOTOPES, DIAGNOSTIC/ ITALY/ MALE/ MIDDLE AGE/ RADIOISOTOPE SCANNING/ SEX FACTORS/ THYROID GLAND FUNCTION TESTS/ THYROIDECTOMY

3089. **Pappius HM:** Spaces in brain tissue in vitro and in vivo.
Progr Brain Res 29:455-64, 1968
ANIMAL EXPERIMENTS/ BODY FLUIDS/ CARBON ISOTOPES/ CATS/ *CEREBRAL CORTEX, anatomy & histology/ *EXTRACELLULAR SPACE/ IN VITRO/ INULIN, metabolism/ SUCROSE, metabolism/ THIOCYANATES, blood/ THIOCYANATES, cerebrospinal fluid/ THIOCYANATES, metabolism/ TIME FACTORS

3090. **Pardini H, Coronho V, Purisch M, et al:** Hermafroditismo verdadeiro com caracteristicas de sindrome de Klinefelter.
Arq Brasil Endocr 16:191-9, Dec 67 (Por)
ADULT/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ *GONADS, pathology/ *HERMAPHRODITISM, pathology/ HUMAN/ KARYOTYPING/ KLINEFELTER'S SYNDROME, diagnosis/ MALE

3091. **Parfitt AM:** Relation between parathyroid cell mass and plasma calcium concentration in normal and uremic subjects. A theoretical model with an analysis of the concept of autonomy, and speculations on the mechanism of parathyroid hyperplasia.
Arch Intern Med (Chicago) 124:269-73, Sep 69
ANIMAL EXPERIMENTS/ *CALCIUM, blood/ CELL DIVISION/ HUMAN/ HYPERCALCEMIA, physiopathology/ *HYPERPARATHYROIDISM, physiopathology/ HYPOCALCEMIA, physiopathology/ METABOLIC CLEARANCE RATE/ MODELS, THEORETICAL/ PARATHYROID GLANDS, physiopathology/ PARATHYROID HORMONE, secretion/ RATS/ *UREMIA, physiopathology

3092. **Parham KJ:** Adenocarcinoma of the endometrium associated with the Stein-Leventhal syndrome.
Amer J Obstet Gynec 105:113-5, 1 Sep 69
*ADENOCARCINOMA, complications/ ADENOCARCINOMA, pathology/ ADOLESCENCE/ ADULT/ *ENDOMETRIUM/ FEMALE/ HUMAN/ *STEIN-LEVENTHAL SYNDROME, complications/ *UTERINE NEOPLASMS, complications/ UTERINE NEOPLASMS, pathology

3093. **Pariante F, Scala A:** Il metabolismo energetico cerebral e le distimie.
Osped Psichiat 36:377-400, Jul-Dec 68 (Ita)
*ADENOSINE TRIPHOSPHATE, metabolism/ *BRAIN, metabolism/ CHLORPROMAZINE, pharmacodynamics/ GLUCOCORTICOIDS, metabolism/ GLYCOLYSIS/ HUMAN/ IMIPRAMINE, pharmacodynamics/ *MENTAL DISORDERS, metabolism/ POTASSIUM, metabolism/ SODIUM, metabolism

3094. **Pariente R, Chretien J, Even P, et al:** Traitement des bronchites chroniques et des insuffisances respiratoires obstructives.
Presse Med 77:1247-50, 6 Sep 69 (Fre)
ANTIBIOTICS, administration & dosage/ ANTICOAGULANTS, therapeutic use/ BLOODLETTING/ BRONCHITIS, etiology/ *BRONCHITIS, therapy/ CHRONIC DISEASE/ CLIMATE/ DIGITALIS GLYCOSIDES, therapeutic use/ DIURETICS, administration & dosage/ EXERCISE THERAPY/ EXPECTORANTS, therapeutic use/ GLUCOCORTICOIDS, therapeutic use/ HEART FAILURE, CONGESTIVE, therapy/ HUMAN/ OCCUPATIONAL DISEASES/ OXYGEN INHALATION THERAPY/ *RESPIRATORY INSUFFICIENCY, therapy/ SMOKING

3095. **Park JF, Bair WJ, Howard EB:** Acute toxicity of inhaled plutonium-239 nitrate in beagles. BNWL-714.
US AEC Battelle Northwest 3.22-3+, May 68
AEROSOLS/ ANIMAL EXPERIMENTS/ BONE AND BONES, analysis/ DOGS/ LIVER, analysis/ LUNG, analysis/ *LUNG, radiation effects/ *LUNG DISEASES, etiology/ LYMPH NODES, analysis/ NITRATES/ PLUTONIUM, metabolism/ *PLUTONIUM, toxicity/ *RADIATION INJURY, EXPERIMENTAL/ TIME FACTORS

3096. **Parker DR:** Heterologous interchange at meiosis in Drosophila. II. Some disjunctional consequences of interchange. Mutat Res 7:393-407, May-Jun 69
ANIMAL EXPERIMENTS/ CHROMOSOME ABERRATIONS/ *CROSSING OVER (GENETICS)/ *CYTOGENETICS/ DROSOPHILA/ FEMALE/ MALE/ *MEIOSIS/ MODELS, BIOLOGIC/ OVUM/ SEX CHROMOSOMES

3097. **Parkhimovich RM:** Izmeneniia svertyvaiushcheĭ sistemy krovi, gemorragii i trombozy pri bolezni Itsenko-Kushinga i kortikosterone.
Probl Endokr (Moskva) 15:43-7, Mar-Apr 69 (Rus)
ADOLESCENCE/ *ADRENAL GLAND NEOPLASMS, complications/ ADULT/ *BLOOD COAGULATION DISORDERS, etiology/ CHILD/ *CUSHING'S SYNDROME, complications/ ENGLISH ABSTRACT/ FEMALE/ *HEMORRHAGE, etiology/ HUMAN/ MALE/ MIDDLE AGE/ *THROMBOSIS, etiology

3098. **Pascal G, Terroine T:** Effets biochimiques et physiologiques d'un additif alimentaire: le di-tertio-butyl-hydroxyl-toluène (BHT)
Ann Nutr (Paris) 23:Suppl:15-62, 1969 (73 ref.) (Fre)
*ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ *ANTIOXIDANTS/ ANTIOXIDANTS, pharmacodynamics/ ANTIOXIDANTS, toxicity/ ASCORBIC ACID, urine/ BIOTRANSFORMATION/ FEMALE/ *FOOD ADDITIVES/ FOOD ADDITIVES, pharmacodynamics/ FOOD ADDITIVES, toxicity/ GROWTH, drug effects/ HEPATITIS, TOXIC, etiology/ HYPERTROPHY, etiology/ *LIPIDS, metabolism/ LIVER, cytology/ *LIVER, drug effects/ LIVER, enzymology/ MICE/ *PHENOLS/ PHENOLS, pharmacodynamics/ PHENOLS, toxicity/ RATS/

REPRODUCTION, drug effects/ REVIEW/ VITAMIN E

3099. **Pasini R, Gavazzi G:** Selective colorimetric determination of ethynodiol diacetate in oral estrogen-progestin combination.
J Pharm Sci 58:872-4, Jul 69
ANTIMONY/ COLORIMETRY/ ESTROGENS, analysis/ *ETHYNODIOL DIACETATE, analysis/ METHODS/ PROGESTATIONAL HORMONES, analysis/ SPECTROPHOTOMETRY/ TIME FACTORS

3100. **Pasley JN, Chadwick GG, Krueger H:** Thyroxine antagonism of pentachlorophenol poisoning in cichlid fish. Proc West Pharmacol Soc 11:129-32, 1968
ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ FATS, analysis/ *FISHES/ GROWTH, drug effects/ PHENOLS, antagonists & inhibitors/ *PHENOLS, pharmacodynamics/ PIGMENTATION, drug effects/ PROTEINS, analysis/ *THYROXINE, pharmacodynamics/ WATER

3101. **Pasqualini JR, Mozere G, Wiqvist N, et al:** Studies on the metabolism of corticosteroids in the human foeto-placental unit. 2. Corticosterone metabolism in previable foetuses.
Acta Endocr (Kobenhavn) 60:237-48, Feb 69
ADRENAL CORTEX HORMONES, analysis/ ADRENAL CORTEX HORMONES, metabolism/ ADRENAL GLANDS, metabolism/ CHROMATOGRAPHY/ *CORTICOSTERONE, metabolism/ FEMALE/ *FETUS, metabolism/ GESTATIONAL AGE/ GLUCURONATES/ HUMAN/ MALE/ MATERNAL-FETAL EXCHANGE/ PERFUSION/ SULFATES/ TRITIUM

3102. **Passent J:** Działanie antybiotyków na biosyntezę białka.
Postepy Biochem 15:227-46, Apr 69 (143 ref.) (Pol)
*ANTIBIOTICS, pharmacodynamics/ CHLORAMPHENICOL, pharmacodynamics/ CHLORTETRACYCLINE, pharmacodynamics/ CYCLOHEXIMIDE, pharmacodynamics/ ENGLISH ABSTRACT/ ERYTHROMYCIN, pharmacodynamics/ ESCHERICHIA COLI, drug effects/ FUSIDIC ACID, pharmacodynamics/ GENETIC CODE/ GENTAMICIN, pharmacodynamics/ ISOLEUCINE, metabolism/ KANAMYCIN, pharmacodynamics/ LEUCINE, metabolism/ LINCOMYCIN, pharmacodynamics/ NEOMYCIN, pharmacodynamics/ OXYTETRACYCLINE, pharmacodynamics/ PAROMOMYCIN, pharmacodynamics/ PEPTIDES, pharmacodynamics/ PHENYLALANINE, metabolism/ *PROTEINS, biosynthesis/ PUROMYCIN, pharmacodynamics/ REVIEW/ STEROIDS, pharmacodynamics/ STREPTOMYCIN, pharmacodynamics/ TETRACYCLINE, pharmacodynamics

3103. **Passouant-Fontaine T, Flandre C:** Influence de l'oestrogénisation néo-natale sur le développement du testicule et son hypertrophie compensatrice après hémicastration chez le rat.
C R Soc Biol (Paris) 162:2175-8, 1968 (Fre)
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ ATROPHY/ BENZOATES/ CASTRATION/ *ESTRADIOL, pharmacodynamics/ HYPERTROPHY, etiology/ MALE/ RATS/ *TESTIS, drug effects/ TESTIS, growth & development

3104. **Pasternack A:** "Hypertensiva blodkärlsförändringar" med och utan hypertension.
Nord Med 82:853-7, 19 Jul 69 (36 ref.) (Swe)
ANGIOTENSIN, metabolism/ *BLOOD VESSELS, pathology/ CHRONIC DISEASE/ DIARRHEA, complications/ FEMALE/ HUMAN/ *HYALIN SUBSTANCE, pathology/ HYPERALDOSTERONISM, complications/ HYPERPLASIA, etiology/ *HYPERTENSION, pathology/ HYPERTENSION, MALIGNANT, pathology/ HYPERTROPHY, etiology/ MALE/ NECROSIS, etiology/ NEPHROTIC SYNDROME, complications/ RENIN, metabolism/ REVIEW/ VOMITING, complications

3105. **Pasternack A, Tallqvist G:** Non-hypertensive angiopathy. Renal biopsy study of the nephrotic syndrome. Acta Med Scand 186:57-60, Jul-Aug 69
*ARTERIES, pathology/ GLOMERULONEPHRITIS, complications/ GLOMERULONEPHRITIS, pathology/ HUMAN/ HYPERALDOSTERONISM, complications/ HYPERTENSION/ MICROSCOPY/ *NEPHROTIC SYNDROME, pathology

3106. **Pastore RA, Anderson JW, Herman RH:** Anterior and posterior hypopituitarism associated with sickle cell trait. Ann Intern Med 71:593-8, Sep 69
ADULT/ *ANEMIA, SICKLE CELL, complications/ ATROPHY/ BIOPSY/ CORTISONE, therapeutic use/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ HYPOPITUITARISM, drug therapy/ *HYPOPITUITARISM, etiology/ HYPOPITUITARISM, pathology/ 17-KETOSTEROIDS, urine/ MALE/ OSMOLAR CONCENTRATION/ PITUITARY GLAND FUNCTION TESTS/ *PITUITARY GLAND, POSTERIOR/ TESTIS, pathology/ URINE

3107. **Pastro KR, March BE, Biely J:** Diminished thyroidal activity in chicks in response to lysine deficiency.
Canad J Physiol Pharmacol 47:645-7, Jul 69
ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ CHICKENS/ COMPARATIVE STUDY/ DEFICIENCY DISEASES, complications/ DIET/ IODINE ISOTOPES, DIAGNOSTIC/ *LYSINE/ *THYROID GLAND, physiopathology/ THYROID GLAND FUNCTION TESTS/ TIME FACTORS

3108. **Paszko Z, Padzik H:** Zagęszczenie aktywności gonadotropin z moczu kobiet po menopauzie.
Endokr Pol 20:351-8, 1969 (Pol)
FEMALE/ *GONADOTROPINS, isolation & purification/ GONADOTROPINS, urine/ GONADOTROPINS, PITUITARY, isolation & purification/ HUMAN/ MENOPAUSE/ METHODS

3109. **Patel YC, Kilpatrick JA:** Pituitary enlargement with longstanding myxoedema.
New Zeal Med J 70:21-3, Jul 69
ADULT/ BIOLOGICAL ASSAY/ FEMALE/ GONADOTROPINS, PITUITARY, urine/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ HYPERPLASIA/ MALE/ MIDDLE AGE/ *MYXEDEMA, complications/ *PITUITARY DISEASES, complications/ PITUITARY DISEASES, physiopathology/ PITUITARY GLAND, pathology/ PROTEIN-BOUND IODINE TEST/ SELLA TURCICA, radiography/ *THYROTROPIN, secretion

3110. **Patriarca P, Carafoli E:** A comparative study of the intracellular divalent Ca movements in white and red muscle. Experientia 25:598-9, 15 Jun 69
ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ *ENDOPLASMIC RETICULUM, metabolism/ *MITOCHONDRIA, MUSCLE, metabolism/ MUSCLE CONTRACTION/ MUSCLES, cytology/ *MUSCLES, metabolism/ RABBITS

3111. **Patroncini F:** Contributo allo studio dello struma di Hashimoto. (Considerazioni a proposito di un caso)
Acta Chir Ital 25:65-81, Jan-Feb 69 (Ita)
ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MIDDLE AGE/ *THYROIDITIS, LYMPHOMATOUS, immunology/ THYROIDITIS, LYMPHOMATOUS, pathology

3112. **Pattillo RA, Gey GO, Delfs E, et al:** Human hormone production in vitro. Science 159:1467-9, 29 Mar 68
BIOLOGICAL ASSAY/ *CHORIOCARCINOMA, metabolism/ FEMALE/ GLUCOSE, metabolism/ GLYCOGEN, metabolism/ *GONADOTROPINS, CHORIONIC, biosynthesis/ HUMAN/ IMMUNOASSAY/ IN VITRO/ NEOPLASM TRANSPLANTATION/ *TISSUE CULTURE

3113. **Paulik F, Eröss K, Paulik J, et al:** Investigation of the composition and crystal structure of bone salt by derivatography and infrared spectrophotometry.
Hoppe Seyler Z Physiol Chem 350:418-26, Apr 69

*BONE AND BONES, analysis/ *CALCIUM CARBONATE, analysis/ *CALCIUM PHOSPHATES, analysis/ CRYSTALLOGRAPHY/ HEAT/ HUMAN/ HYDROXIDES, analysis/ HYDROXYAPATITE, analysis/ INFRARED RAYS/ SPECTROPHOTOMETRY

3114. **Pautrat J, Vincent P, Mazzola C, et al:** Cas d'intoxication aiguë par le dibenzodiazépine (Novéril). Contribution à l'étude des manifestations cardiaques des thymoanaleptiques.
Presse Med 76:2473-4, 28 Dec 68 **(Fre)**
ARRHYTHMIA, complications/ BLOOD PRESSURE/ DEXTRAN, therapeutic use/ *DIBENZAZEPINES, poisoning/ ELECTROCARDIOGRAPHY/ FEMALE/ HEART BLOCK, etiology/ HEART CONDUCTION SYSTEM, drug effects/ HUMAN/ HYDROCORTISONE, therapeutic use/ ISCHEMIA, complications/ MIDDLE AGE/ PHENYLEPHRINE, therapeutic use

3115. **Pavel I, Chisiu N, Sdrobici D:** La lithiase biliaire CHEZ LE COBAYE AVEC DYSNUTRITION SCORBUTIQUE.
Nutr Dieta (Basel) 11:60-8, 1969 **(Fre)**
ANIMAL EXPERIMENTS/ ASCORBIC ACID, metabolism/ *CHOLELITHIASIS, etiology/ CHOLELITHIASIS, pathology/ CHOLELITHIASIS, prevention & control/ CORTICOTROPIN, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ GUINEA PIGS/ HYDROCORTISONE, therapeutic use/ MALE/ SCURVY, chemically induced/ *SCURVY, complications/ SCURVY, pathology

3116. **Pavelcu V:** Contribuţia psihologilor Constantin Fedeleş şi Petre Andrei la constituirea primei societăti române de neurologie, psihiatrie, psihologie şi endocrinologie.
Rev Medicochir Iasi 73:236-7, Jan-Mar 69 **(Rum)**
ENDOCRINOLOGY, history/ HISTORICAL ARTICLE/ HISTORICAL BIOGRAPHY/ HISTORY OF MEDICINE, 20TH CENT./ NEUROLOGY, history/ PSYCHIATRY, history/ PSYCHOLOGY, history/ RUMANIA/ *SOCIETIES, MEDICAL, history

3117. **Pawlikowski T:** 25-lecie polskiej rzeczypospolitej ludowej (22 VII 1944-22 VII 1969)
Endokr Pol 20:263-5, 1969 **(Pol)**
*ENDOCRINOLOGY, history/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT./ POLAND

3118. **Payer J, Stojković J, Rudolf V:** Die geburtstramatische Nierenruptur beim Neugeborenen.
Urol Int 24:58-65, 1969 **(Ger)**
ADRENAL GLANDS, injuries/ *BIRTH INJURY, complications/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT, NEWBORN/ *KIDNEY, injuries/ KIDNEY, pathology/ KIDNEY DISEASES, diagnosis/ KIDNEY NEOPLASMS, diagnosis/ MALE/ PREGNANCY/ RUPTURE/ UROGRAPHY

3119. **Peake GT, McKeel DW, Mariz IK, et al:** Insulin storage and release in rats bearing growth hormone secreting tumors. Diabetes 18:619-24, Sep 69
ANIMAL EXPERIMENTS/ BLOOD SUGAR, analysis/ FEMALE/ INSULIN, blood/ *INSULIN, secretion/ ISLANDS OF LANGERHANS, pathology/ *ISLANDS OF LANGERHANS, physiopathology/ NEOPLASM TRANSPLANTATION/ NEOPLASMS, EXPERIMENTAL, physiopathology/ PITUITARY NEOPLASMS, blood/ PITUITARY NEOPLASMS, pathology/ *PITUITARY NEOPLASMS, physiopathology/ RATS/ *SOMATOTROPIN, secretion

3120. **Peart WS:** C. The renin-angiotensin system. A history and review of the renin-angiotensin system.
Proc Roy Soc [Biol] 173:317-25, 1 Jul 69 (41 ref.)
ALDOSTERONE, secretion/ *ANGIOTENSIN/ ANGIOTENSIN, pharmacodynamics/ ANGIOTENSINASE/ ANIMAL EXPERIMENTS/ *BLOOD COAGULATION/ BLOOD PRESSURE, drug effects/ BLOOD VESSELS/ ELECTROPHORESIS/ HUMAN/ IMMUNOELECTROPHORESIS/ KIDNEY, physiology/ MUSCLE, SMOOTH, drug effects/ *RENIN/ RENIN, pharmacodynamics/ REVIEW/ SODIUM, metabolism

3121. **Peck WA, Messinger K, Brandt J, et al:** Impaired accumulation of ribonucleic acid precursors and depletion of ribonucleic acid in glucocorticoid-treated bone cells.
J Biol Chem 244:4174-84, 10 Aug 69
ANIMAL EXPERIMENTS/ BONE AND BONES, cytology/ BONE AND BONES, drug effects/ BONE AND BONES, embryology/ *BONE AND BONES, metabolism/ CARBON ISOTOPES/ CORTICOSTERONE, pharmacodynamics/ CYCLOHEXIMIDE, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ DEPRESSION, CHEMICAL/ DEXAMETHASONE, pharmacodynamics/ DNA, biosynthesis/ FEEDBACK/ *HYDROCORTISONE, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ NUCLEOSIDES, metabolism/ PUROMYCIN, pharmacodynamics/ RATS/ *RNA, biosynthesis/ RNA, metabolism/ TISSUE CULTURE/ URACIL NUCLEOTIDES, metabolism

3122. **Pedersen H:** Microtubules in the spermatid of the rabbit. Z Zellforsch 98:148-56, 1969
ANIMAL EXPERIMENTS/ CELL NUCLEUS/ HISTOLOGICAL TECHNICS/ MALE/ MICROSCOPY, ELECTRON/ RABBITS/ *RABBITS, anatomy & histology/ *SPERMATOZOA, cytology/ TESTIS, anatomy & histology

3123. **Pedersen T:** Follicle growth in the immature mouse ovary. Acta Endocr (Kobenhavn) 62:117-32, Sep 69
AGE FACTORS/ ANIMAL EXPERIMENTS/ DNA, biosynthesis/ GRAAFIAN FOLLICLE, cytology/ *GRAAFIAN FOLLICLE, growth & development/ METHODS/ MICE/ MITOSIS/ *OVARY, cytology/ OVUM/ THYMIDINE, metabolism/ TRITIUM

3124. **Peets EA, Staub M, Symchowicz S:** Plasma binding of betamethasone-3H, dexamethasone-3H, and cortisol-14C--a comparative study.
Biochem Pharmacol 18:1655-63, Jul 69
BETAMETHASONE, blood/ BETAMETHASONE, metabolism/ CARBON ISOTOPES/ CATTLE/ COMPARATIVE STUDY/ DEXAMETHASONE, blood/ *DEXAMETHASONE, metabolism/ DIALYSIS/ DOGS/ EQUILIBRIUM/ GEL FILTRATION/ GLOBULINS, metabolism/ HUMAN/ HYDROCORTISONE, blood/ *HYDROCORTISONE, metabolism/ PROTEIN BINDING/ *PROTEINS, metabolism/ RATS/ SERUM ALBUMIN, metabolism/ SPECIES SPECIFICITY/ TRITIUM

3125. **Pekarskiĭ DE:** K patofiziologii i terapii posleoperatsionnogo gipertermicheskogo sindroma u deteĭ. Klin Khir (Kiev) 2:49-52, Feb 67 **(Rus)**
ADRENAL CORTEX HORMONES, therapeutic use/ ADRENAL GLANDS/ ANTIHISTAMINICS, therapeutic use/ FEMALE/ *FEVER/ FEVER, etiology/ HISTAMINE, metabolism/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ *POSTOPERATIVE COMPLICATIONS/ PREGNANCY

3126. **Pekus EN:** Izmeneniia éstrogennoĭ aktivnosti pri postgemorragicheskoĭ anemii.
Vrach Delo 12:57-9, Dec 67 **(Rus)**
ANEMIA, etiology/ *ANEMIA, physiopathology/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *ESTROGENS, secretion/ FEMALE/ *HEMORRHAGE, complications/ *OVARY, physiopathology/ OVARY, secretion/ RATS

3127. **Pelcowa M:** Badania kliniczne i doświdczalne nad biologicznym leczeniem miazgi zębowej antybiotykami z hydrokortyzonem.
Przegl Lek 25:603-6, 1969 **(Pol)**

ANIMAL EXPERIMENTS/ *ANTIBIOTICS, therapeutic use/ CLINICAL RESEARCH/ *DENTAL PULP DISEASES, drug therapy/ DOGS/ ENGLISH ABSTRACT/ HUMAN/ *HYDROCORTISONE, therapeutic use

3128. **Pelikán V, Seidlová V, Vrublovský P:** Změny aktivity arginázy u různých typů experimentální cholestázy.
Cesk Gastroent Vyz 23:201-9, Jul 69 **(Cze)**
ANIMAL EXPERIMENTS/ *ARGINASE, blood/ COMMON BILE DUCT, surgery/ ENGLISH ABSTRACT/ ENZYMES, blood/ *JAUNDICE, OBSTRUCTIVE/ MALE/ RATS/ THIOCYANATES/ UREA, blood

3129. **Pellerano P:** Interazioni farmacologiche di interesse anestesiologico. I. Interferenze tra farmacoterapia preoperatoria e farmaci anestetici.
Acta Anaesth (Padova) 18:905-11, Nov-Dec 67 **(Ita)**
*ANESTHETICS, pharmacodynamics/ BENZOTHIADIAZINES, adverse effects/ CORTISONE, adverse effects/ *DRUG ANTAGONISM/ GANGLIONIC-BLOCKING AGENTS, adverse effects/ HUMAN/ MONOAMINE OXIDASE INHIBITORS, adverse effects/ *PREOPERATIVE CARE/ RAUWOLFIA, adverse effects/ SYMPATHOLYTICS, adverse effects/ SYMPATHOMIMETICS, adverse effects/ TRANQUILIZING AGENTS, adverse effects/ VASODILATOR AGENTS, adverse effects

3130. **Pencea V, Schapira A, Teodorescu E, et al:** Variaţiile eliminării catecolaminelor urinare în cursul ciclului ovarian în hiperestrogenism.
Rev Medicochir Iasi 73:49-52, Jan-Mar 69 **(Rum)**
ADULT/ *CATECHOLAMINES, urine/ *ENDOCRINE DISEASES, metabolism/ ENGLISH ABSTRACT/ *ESTROGENS, metabolism/ HUMAN/ MALE/ *MANDELIC ACID, urine/ *OVARY, physiology/ VANILMANDELIC ACID, urine

3131. **Pencea V, Zbranca-Toporaş E, Săvescu L:** Proba hipercalcemiei provocate la bolnavi cu disgenezii gonadice.
Rev Medicochir Iasi 73:313-8, Apr-Jun 69 **(Rum)**
*CALCIUM/ EDTA, diagnostic use/ ENGLISH ABSTRACT/ HUMAN/ *HYPERCALCEMIA, chemically induced/ *KLINEFELTER'S SYNDROME, diagnosis/ *TURNER'S SYNDROME, diagnosis

3132. **Pendras JP:** Parathyroid disease in long-term maintenance hemodialysis.
Arch Intern Med (Chicago) 124:312-21, Sep 69
ADULT/ FEMALE/ *HEMODIALYSIS/ HUMAN/ HYPERPARATHYROIDISM, drug therapy/ *HYPERPARATHYROIDISM, etiology/ HYPERPARATHYROIDISM, pathology/ HYPERPARATHYROIDISM, radiography/ *KIDNEY FAILURE, CHRONIC, complications/ KIDNEY FAILURE, CHRONIC, pathology/ KIDNEY FAILURE, CHRONIC, radiography/ KIDNEY FAILURE, CHRONIC, therapy/ MALE/ OSTEOMALACIA, etiology/ RICKETS, RENAL, etiology/ VITAMIN D, therapeutic use

3133. **Penglis F, Michal F:** The induction of blood platelet aggregation by divalent cations.
Experientia 25:745-6, 1969
ADENINE NUCLEOTIDES, pharmacodynamics/ ANIMAL EXPERIMENTS/ BARIUM, pharmacodynamics/ *BLOOD COAGULATION, drug effects/ BLOOD PLATELETS, drug effects/ CALCIUM, pharmacodynamics/ IONS, pharmacodynamics/ MAGNESIUM, pharmacodynamics/ MANGANESE, pharmacodynamics/ NICKEL, pharmacodynamics/ SEROTONIN, pharmacodynamics/ SHEEP/ STRONTIUM, pharmacodynamics/ ZINC, pharmacodynamics

3134. **Pennington GW:** Treatment of infertility due to anovulation. Midwives Chron 82:302-4, Sep 69
CLOMIPHENE, therapeutic use/ FSH, therapeutic use/ SPECIAL LIST NURSING/ STERILITY, FEMALE, drug therapy

3135. **Pennisi F:** A fast procedure for radioimmunoassay of H.G.H. J Nucl Biol Med 12:137-8, Jul-Sep 68
*ACROMEGALY, blood/ ANTIGEN-ANTIBODY REACTIONS/ GAMMA GLOBULIN/ HUMAN/ IMMUNE SERUMS/ *IODINE ISOTOPES, DIAGNOSTIC/ PRECIPITIN TESTS/ *RADIOIMMUNOASSAY/ *SOMATOTROPIN, blood/ TIME FACTORS

3136. **Pennycuik PR:** Effects of exposure to 21 and 34 degrees C on the outcome of overlapping reproductive cycles in the mouse. Aust J Biol Sci 22:767-71, Jun 69
ANIMAL EXPERIMENTS/ BODY WEIGHT/ ENVIRONMENTAL EXPOSURE/ FEMALE/ FETAL DEATH, occurrence/ *GROWTH/ LACTATION/ MICE/ PREGNANCY/ *REPRODUCTION/ *TEMPERATURE

3137. **Penttilä A:** Embryological aspects of the relationship of 5-hydroxytryptamine to enterochromaffin cells.
Ann Med Exp Biol Fenn 46:457-65, 1968
ANIMAL EXPERIMENTS/ CHICK EMBRYO/ CHICKENS/ *CHROMAFFIN SYSTEM, analysis/ CHROMAFFIN SYSTEM, embryology/ ELECTROPHORESIS/ FLUORESCENCE/ GASTROINTESTINAL SYSTEM, embryology/ MICROSCOPY, ELECTRON/ *SEROTONIN, analysis

3138. **Pepino AM, Robinson GA, Chou ST, et al:** Comparison of 131-I retention in the plasma of rabbits fed toxic quantities of cupric or molybdate ions as supplements to a commercial pelleted diet or to an oats-alfalfa laboratory diet.
Canad J Physiol Pharmacol 47:635-43, Jul 69
ALFALFA/ ANIMAL EXPERIMENTS/ *ANIMAL FEED/ COPPER, blood/ *COPPER, toxicity/ *DIET/ GRAIN/ IODIDES, metabolism/ *IODINE, blood/ IODINE ISOTOPES/ MINERALS/ *MOLYBDENUM, toxicity/ QUINOXALINES/ RABBITS/ STARVATION/ TIME FACTORS/ VITAMINS

3139. **Péquignot H, Guerre J, Lazarus B, et al:** Une orchite, seule manifestation d'une fièvre paratyphoïde B.
Sem Hop Paris 45:1754-7, 26 May 69 **(Fre)**
AMPICILLIN, therapeutic use/ CHLORAMPHENICOL, therapeutic use/ EPIDIDYMITIS, etiology/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ *ORCHITIS, etiology/ ORCHITIS, pathology/ ORCHITIS, surgery/ *PARATYPHOID FEVERS/ PROTEUS, isolation & purification/ SALMONELLA PARATYPHI, isolation & purification/ SEPTICEMIA/ SERODIAGNOSIS/ TESTIS, pathology

3140. **Péquignot H, Guerre J, Jouannelle A, et al:** A propos d'un cas de perforation du grêle au cours d'une périartérite noueuse.
Sem Hop Paris 45:1747-53, 26 May 69 **(Fre)**
ABDOMEN, ACUTE/ ANTICOAGULANTS, therapeutic use/ GLUCOCORTICOIDS, adverse effects/ GLUCOCORTICOIDS, therapeutic use/ INTESTINAL PERFORATION, chemically induced/ INTESTINAL PERFORATION, diagnosis/ *INTESTINAL PERFORATION, etiology/ INTESTINAL PERFORATION, pathology/ *INTESTINE, SMALL/ *PERIARTERITIS NODOSA, complications/ PERIARTERITIS NODOSA, diagnosis/ POLYNEURITIS

3141. **Pera F, Schwarzacher HG:** Die Verteilung der Chromosomen auf die Tochterzellkerne multipolarer Mitosen in euploiden Gewebekulturen von Microtus agrestis. Chromosoma 26:337-54, 1969 **(Ger)**
ANIMAL EXPERIMENTS/ CELL NUCLEUS/ *CHROMOSOMES/ *DIPLOIDY/ DNA, analysis/ ENGLISH ABSTRACT/ FEMALE/ HAPLOIDY/ IN VITRO/ KIDNEY/ *MITOSIS/ PHOTOMETRY/ *POLYPLOIDY/ RADIOAUTOGRAPHY/ RODENTS/ SEX CHROMOSOMES/ TISSUE CULTURE

3142. **Pereda JM, Arnal P, Cavanilles JM, et al:** Intoxicación por vitamina D con nefrocalcinosis radiológicamente visible. Rev Clin Esp 110:61-4, 15 Jul 68 **(Spa)**
CHILD, PRESCHOOL/ FEMALE/ HUMAN/ *NEPHROCALCINOSIS, etiology/

NEPHROCALCINOSIS, radiography/ *VITAMIN D, poisoning

3143. **Perek M, Kendler J:** The effect of ascorbic acid on adrenal activity during vitamin A and riboflavin deficiencies in chicks. (Adrenal activity in vitamin deficiency).
Acta Endocr (Kobenhavn) 61:203-8, Jun 69
ADRENAL CORTEX HORMONES, analysis/ ADRENAL GLANDS, analysis/ *ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, pathology/ ADRENAL GLANDS, physiopathology/ ANIMAL EXPERIMENTS/ *ASCORBIC ACID, pharmacodynamics/ CHICKENS/ *POULTRY DISEASES, physiopathology/ *RIBOFLAVIN DEFICIENCY, physiopathology/ *VITAMIN A DEFICIENCY, physiopathology

3144. **Perelman R, Boralevi C, Reinert P, et al:** Une cause rare d'hémorragie "génitale" chez la petite fille: le prolapsus de la muqueuse uréthrale. Traitement oestrogénique.
Ann Pediat (Paris) 16:457-9, Jun-Jul 69 (Fre)
CHILD/ ENGLISH ABSTRACT/ *ESTROGENS, therapeutic use/ FEMALE/ HEMATURIA, etiology/ *HEMORRHAGE, etiology/ HUMAN/ URETHRAL DISEASES, drug therapy/ *URETHRAL DISEASES, etiology/ URINARY INCONTINENCE, etiology

3145. **Perelman R, Boralevi C, Dubois C, et al:** Erythroblastopénie aigüe (syndrome d'Owren-Gasser) et anémie hémolytique aigüe au cours d'une hépatite virale. Varicelle maligne terminale.
Ann Pediat (Paris) 16:450-6, Jun-Jul 69 (Fre)
ADRENAL CORTEX HORMONES, therapeutic use/ *ANEMIA, HEMOLYTIC, complications/ AUTOANTIBODIES/ BLOOD CELL COUNT/ BONE MARROW EXAMINATION/ *CHICKENPOX, complications/ ENGLISH ABSTRACT/ *ERYTHROBLASTOSIS, FETAL, complications/ *HEPATITIS, INFECTIOUS, complications/ HUMAN/ INFANT/ MALE/ PREDNISONE, therapeutic use

3146. **Péret J, Libouban-Letouzé S:** Influence de la destruction des noyaux ventro-médians hypothalamiques sur le comportement alimentaire du rat nourri en alimentation séparée.
C R Acad Sci [D] (Paris) 268:2119-21, 21 Apr 69 (Fre)
ADAPTATION, PHYSIOLOGICAL/ ANIMAL EXPERIMENTS/ BASAL METABOLISM/ *BEHAVIOR, ANIMAL/ BODY WEIGHT/ DIETARY PROTEINS/ *FEEDING BEHAVIOR/ *HYPOTHALAMUS, physiology/ MALE/ NITROGEN/ RATS

3147. **Peretianu J, Libouban-Letouze S:** Influence de la destruction des noyaux ventro-médians hypothalamiques sur le comportement du rat nourri en alimentation séparée.
J Physiol (Paris) 60:Suppl 2:510-1, 1968 (Fre)
ANIMAL EXPERIMENTS/ BODY WEIGHT/ DIETARY PROTEINS/ ELECTRIC STIMULATION/ *FEEDING BEHAVIOR/ *HYPOTHALAMUS, physiology/ MALE/ RATS

3148. **Pergola F, Rossi E:** Quilotórax por metástasis de fibrosarcoma de testiculo.
Prensa Med Argent 56:268-71, 11 Apr 69 (Spa)
*CHYLOTHORAX, etiology/ ENGLISH ABSTRACT/ *FIBROSARCOMA, complications/ HUMAN/ MALE/ MIDDLE AGE/ *TESTICULAR NEOPLASMS, complications

3149. **(Perkeo), Hodge GP:** Perkeo, the dwarf-jester of Heidelberg. JAMA 209:403-4, 21 Jul 69
ACHONDROPLASIA, history/ *DWARFISM, history/ ECCENTRO-OSTEOCHONDRODYSPLASIA, history/ GERMANY/ HISTORICAL ARTICLE/ HISTORICAL BIOGRAPHY/ HISTORY OF MEDICINE, 17TH CENT./ HISTORY OF MEDICINE, 18TH CENT./ *MEDICINE IN ART

3150. **Perklev T, Gröning Y:** Effect of polydiethylstilboestrol phosphate on the pituitary content of FSH and ICSH in male rats.
Acta Endocr (Kobenhavn) 61:449-60, Jul 69
ANIMAL EXPERIMENTS/ BODY WEIGHT/ *DIETHYLSTILBESTROL, pharmacodynamics/ EPIDIDYMIS, anatomy & histology/ FSH, analysis/ *FSH, analysis/ GONADOTROPINS, PITUITARY, analysis/ MALE/ ORGAN WEIGHT/ PITUITARY GLAND, analysis/ PITUITARY GLAND, anatomy & histology/ *PITUITARY GLAND, drug effects/ PROSTATE, anatomy & histology/ RATS/ SEMINAL VESICLES, anatomy & histology/ TESTIS, anatomy & histology

3151. **Perlman RL, De Crombrugghe B, Pastan I:** Cyclic AMP regulates catabolite and transient repression in E. coli. Nature (London) 223:810-2, 23 Aug 69
*ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ BINDING SITES/ *ENZYME REPRESSION, drug effects/ *ESCHERICHIA COLI, enzymology/ *GALACTOSIDASE, biosynthesis/ OPERON

3152. **Péron FG, Tsang CP:** Further studies on corticosteroidogenesis. VI. Pyruvate and malate supported steroid 11-beta-hydroxylation in rat adrenal gland mitochondria.
Biochim Biophys Acta 180:445-58, 5 Aug 69
ADENOSINE TRIPHOSPHATE, pharmacodynamics/ ADRENAL GLANDS, cytology/ *ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ ARSENIC, pharmacodynamics/ *CORTICOSTERONE, biosynthesis/ CYSTEINE, pharmacodynamics/ DEPRESSION, CHEMICAL/ DESOXYCORTICOSTERONE, metabolism/ DINITROPHENOLS, pharmacodynamics/ ELECTRON TRANSPORT, drug effects/ FLUOROMETRY/ ISOCITRATE DEHYDROGENASE, metabolism/ MALATE DEHYDROGENASE, metabolism/ MALATES, metabolism/ *MALATES, pharmacodynamics/ *MITOCHONDRIA, metabolism/ NAD/ NADP/ NUCLEOTIDES, pharmacodynamics/ OXALOACETATES, pharmacodynamics/ OXIDOREDUCTASES, metabolism/ OXYGEN CONSUMPTION/ POLAROGRAPHY/ PYRUVATES, biosynthesis/ *PYRUVATES, pharmacodynamics/ RATS/ STIMULATION, CHEMICAL

3153. **Persson BH, McCormick WG:** Patterns of urinary FSH excretion during ovulatory and anovulatory menstrual cycles.
Acta Endocr (Kobenhavn) 59:573-8, Dec 68
ADOLESCENCE/ ADULT/ FEMALE/ FSH, physiology/ *FSH, urine/ HUMAN/ LH, physiology/ LH, urine/ *MENSTRUATION/ *OVULATION/ PREGNANEDIOL, urine

3154. **Persson PS:** Cytodiagnosis of thyroiditis. A comparative study of cytological, histological, immunological and clinical findings in thyroiditis, particularly in diffuse lymphoid thyroiditis.
Acta Med Scand Suppl 483:7+, 1968
ADOLESCENCE/ ADULT/ AGED/ AUTOANTIBODIES, analysis/ AUTOIMMUNE DISEASES, diagnosis/ BIOPSY/ CHILD/ CHRONIC DISEASE/ CYTODIAGNOSIS/ FEMALE/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ *THYROIDITIS, diagnosis/ THYROIDITIS, immunology/ THYROIDITIS, pathology/ *THYROIDITIS, LYMPHOMATOUS, diagnosis/ THYROIDITIS, LYMPHOMATOUS, drug therapy/ THYROIDITIS, LYMPHOMATOUS, immunology/ THYROIDITIS, LYMPHOMATOUS, pathology/ THYROXINE, therapeutic use

3155. **Perugini S, Ascari E, Fontana G:** Attuali possibilità terapeutiche della mielofibrosi idiopatica. Osservazioni su 47 casi.
Clin Ter 45:21-60, 15 Apr 68 (102 ref.) (Ita)
ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ ANDROGENS, therapeutic use/ ANEMIA, drug therapy/ BUSULFAN, therapeutic use/ DRUG SYNERGISM/ FEMALE/ HUMAN/ LEUKOCYTOSIS, drug therapy/ MALE/ MIDDLE AGE/ MYELOFIBROSIS, drug therapy/

MYELOFIBROSIS, pathology/
MYELOFIBROSIS, physiopathology/
MYELOFIBROSIS, radiography/
MYELOFIBROSIS, radiotherapy/
*MYELOFIBROSIS, therapy/ PREDNISONE, therapeutic use/ RADIATION EFFECTS/ REVIEW/ SPLEEN, radiation effects/ SPLENECTOMY/ SPLENOMEGALY, etiology/ TESTOSTERONE, therapeutic use/ THROMBOPENIA, drug therapy/ THROMBOPENIA, etiology

3156. Peter G, Schröpl F: Zur Frage der systemischen Wirkung von Fluprednyliden-21-acetat-Creme nach Applikation grösserer Mengen.
Int Z Klin Pharmakol Ther Toxik 2:83-6, Jan 69 (Ger)
ADULT/ CLINICAL RESEARCH/ DEPRESSION, CHEMICAL/ FLUORINE, pharmacodynamics/ HUMAN/ *HYDROCORTISONE, blood/ *17-HYDROXYCORTICOSTEROIDS, urine/ *17-KETOSTEROIDS, urine/ MALE/ MIDDLE AGE/ OINTMENTS, pharmacodynamics/ PITUITARY-ADRENAL SYSTEM/ *PREGNANES, pharmacodynamics

3157. Petera V: Vlekl idiopatická dysproteinémie jako časný projev temporální arteritidy.
Cas Lek Cesk 108:1195-7, 26 Sep 69 (Cze)
AGED/ *BLOOD PROTEIN DISORDERS, etiology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ POLYMYALGIA RHEUMATICA, complications/ *POLYMYALGIA RHEUMATICA, drug therapy/ PREDNISONE, therapeutic use/ *TEMPORAL ARTERITIS, complications/ TEMPORAL ARTERITIS, drug therapy

3158. Peters A, Culley W: Urinary levels of testosterone and epitestosterone in Down's syndrome (mongolism).
Clin Chim Acta 25:199-203, Aug 69
ADOLESCENCE/ ADULT/ CARBON ISOTOPES/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ HUMAN/ MALE/ MIDDLE AGE/ *MONGOLISM, urine/ SILICA/ TESTIS, physiopathology/ *TESTOSTERONE, urine/ TIME FACTORS

3159. Peters RA, Shorthouse M, Ward PF: An organically combined fluorine compound in bone.
Biochem J 113:9P-10P, Jun 69
ANIMAL EXPERIMENTS/ *BONE AND BONES, analysis/ CATTLE/ *CITRATES, analysis/ *FLUORINE, analysis

3160. Petersen P, Casparis L: Psychiatrische Untersuchungen bei oralen Kontrazeptiva.
Praxis 58:267-71, 4 Mar 69 (Ger)
ADULT/ *AFFECTIVE DISTURBANCES, chemically induced/ *CONTRACEPTIVES, ORAL, adverse effects/ CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ HUMAN

3161. Peterson RP, Spaziani E: Cycloheximide and cortisol inhibiton of estradiol-stimulated uterine uptake and distribution of homologous serum albumin and alpha globulin in the rat. Endocrinology 85:932-40, Nov 69
*ALPHA GLOBULIN, metabolism/ ANIMAL EXPERIMENTS/ BLOOD VOLUME/ CAPILLARY PERMEABILITY, drug effects/ CHROMIUM ISOTOPES/ *CYCLOHEXIMIDE, pharmacodynamics/ DEPRESSION, CHEMICAL/ *ESTRADIOL, antagonists & inhibitors/ EXTRACELLULAR SPACE/ FEMALE/ *HYDROCORTISONE, pharmacodynamics/ IODINE ISOTOPES/ RATS/ *SERUM ALBUMIN, metabolism/ SERUM ALBUMIN, RADIO-IODINATED/ SODIUM, metabolism/ UTERUS, blood supply/ UTERUS, drug effects/ *UTERUS, metabolism/ WATER, metabolism

3162. Peterson WF: Pregnancy following oral contraceptive therapy. Obstet Gynec 34:363-7, Sep 69
ABNORMALITIES/ ABORTION/ *CONTRACEPTIVES, ORAL/ FEMALE/ FETAL DEATH/ HUMAN/ INFANT MORTALITY/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES/ INFANT, PREMATURE/ *PREGNANCY

3163. Petillo JJ, Gulbenkian A, Tabachnick II: Effects in vivo and in vitro of nonsteroidal anti-inflammatory drugs on (rat stomach) histidine decarboxylase.
Biochem Pharmacol 18:1784-8, Jul 69
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ ASPIRIN, pharmacodynamics/ CARBOXY-LYASES, antagonists & inhibitors/ CARBOXY-LYASES, metabolism/ FASTING/ FEMALE/ FLUFENAMIC ACID, pharmacodynamics/ HYDROXYLAMINES, pharmacodynamics/ INDOMETHACIN, pharmacodynamics/ MALE/ MICE/ PHENYLBUTAZONE, pharmacodynamics/ RATS/ *SARCOMA, MAST CELL, enzymology/ STOMACH, drug effects/ *STOMACH, enzymology

3164. Petorak I: Sıçanda rastlanan bir ovotestis vakası.
Tip Fak Mec (Istanbul) 31:50-8, 1968 (Tur)
*HERMAPHRODITISM, veterinary/ HISTOCYTOCHEMISTRY/ OVARY, pathology/ RATS/ *RODENT DISEASES/ TESTIS, pathology

3165. Petronio R, Crucitti F, Pigafetta P, et al: L'iperparatiroidismo cronico primitivo. Rilievi su 3 osservazioni personali.
Chir Pat Sper 15:455-88, Oct-Dec 67 (Ita)
*ADENOMA, complications/ ADENOMA, pathology/ ADULT/ CALCINOSIS, etiology/ CHRONIC DISEASE/ DIURESIS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERPARATHYROIDISM/ MALE/ *PARATHYROID NEOPLASMS, complications/ PARATHYROID NEOPLASMS, pathology/ RADIOISOTOPE SCANNING

3166. Petrova EA, Gracheva NP: Kolichestvennoe opredelenie vitamina D s ispol'zovaniem khromatografii na gidrofobizirovannykh tonkikh sloiakh okisi aliuminiia. Lab Delo 1:43-4, 1969 (Rus)
*ALUMINUM/ CHEMISTRY, PHARMACEUTICAL/ *CHROMATOGRAPHY, THIN LAYER/ *ERGOCALCIFEROL, analysis/ OXIDES

3167. Petrović VM, Davidović V: Le rapport adrénaline-noradrénaline dans l'hypothalamus, le coeur et la surrénale chez le Spermophile en hibernation et en état de veille.
J Physiol (Paris) 60:Suppl 2:514, 1968 (Fre)
*ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ *EPINEPHRINE, metabolism/ *HIBERNATION/ *HYPOTHALAMUS, metabolism/ *MYOCARDIUM, metabolism/ *NOREPINEPHRINE, metabolism/ SEASONS/ SQUIRRELS/ WAKEFULNESS

3168. Petrun' NM, Litvinchuk NK, Gavrilenko MIa, et al: Razdelenie kortikosteroidov v razlichnykh khromatograficheskikh sistemakh na plastinkakh s tonkim sloem silikagelia marki KSK-2.
Lab Delo 2:122-3, 1969 (Rus)
*ADRENAL CORTEX HORMONES, analysis/ ANIMAL EXPERIMENTS/ CATTLE/ *CHROMATOGRAPHY, THIN LAYER/ *GELS/ MALE

3169. Petti G, Gaudiano A, Polizzi M, et al: Effetti della cloropromazina e dell'idrocortisone sulle modificazioni del quadro enzimatico indotte dalla ischemia nel fegato del ratto.
Ann Ist Sup Sanit 3:386-8, 1967 (Ita)
*ACID PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ *CATHEPSIN, metabolism/ *CHLORPROMAZINE, pharmacodynamics/ *CYTOCHROME OXIDASE, metabolism/ *GLUCOSEPHOSPHATASE, metabolism/ *GLUCURONIDASE, metabolism/ *HYDROCORTISONE, pharmacodynamics/ *LIVER, enzymology/ *LIVER CIRCULATION/ *MALATE DEHYDROGENASE, metabolism/ RATS

3170. Petzoldt K, Kieslich K: Mikrobiologische

Isomerisierung von Ergosterinperoxid.
Liebig Ann Chem 724:194-8, 1969 (Ger)
ENGLISH ABSTRACT/ *MYCOBACTERIUM, metabolism/ *PEROXIDES, metabolism/ *VITAMIN D, metabolism

3171. **Peyre A, Joffre M, Debordes E:** L'activité succinodeshydrogénasique du plexus pampiniforme du testicule de rat après administration de cadmium. Etude histoenzymologique.
C R Soc Biol (Paris) 162:2200-2, 1968 (Fre)
ANIMAL EXPERIMENTS/ BODY TEMPERATURE REGULATION/ *CADMIUM, pharmacodynamics/ CELL MEMBRANE PERMEABILITY/ CHLORIDES/ HISTOCYTOCHEMISTRY/ MALE/ RATS/ *SUCCINATE DEHYDROGENASE, metabolism/ TESTIS, blood supply/ TESTIS, drug effects/ *TESTIS, enzymology

3172. **Peyrin JO, Berger M, Bornet H, et al:** Etude de la synthèse hormonale thyroidienne chez un sujet porteur d'un goitre congénital.
Rev Franc Etud Clin Biol 14:459-65, May 69 (Fre)
ADULT/ CHROMATOGRAPHY/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ *GOITER, congenital/ *GOITER, metabolism/ HUMAN/ HYPOTHYROIDISM, diagnosis/ IMMUNOELECTROPHORESIS/ IODINE, analysis/ IODINE ISOTOPES/ IODOPROTEINS, analysis/ MALE/ PROTEINS, analysis/ *THYROGLOBULIN, analysis/ THYROID GLAND, analysis/ *THYROID HORMONES, biosynthesis/ THYROXINE, analysis/ TRIIODOTHYRONINE, analysis

3173. **Peyrin L:** La méthylation de la noradrénaline chez la roussette. J Physiol (Paris) 60:Suppl 2:515, 1968 (Fre)
*ADRENAL GLANDS, metabolism/ ADRENAL MEDULLA, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHROMATOGRAPHY/ EPINEPHRINE, biosynthesis/ FLUOROMETRY/ METHYLATION/ *NOREPINEPHRINE, metabolism/ SHARKS

3174. **Pfaff DW, Pfaffmann C:** Olfactory and hormonal influences on the basal forebrain of the male rat.
Brain Res 15:137-56, Sep 69
ANIMAL EXPERIMENTS/ *BRAIN, physiology/ CORPORA QUADRIGEMINA, drug effects/ CORPORA QUADRIGEMINA, physiology/ ELECTRIC STIMULATION/ ELECTRODES/ ELECTROENCEPHALOGRAPHY/ INJECTIONS, INTRAPERITONEAL/ LATERALITY/ LIMBIC SYSTEM, drug effects/ LIMBIC SYSTEM, physiology/ MALE/ MESENCEPHALON, drug effects/ MESENCEPHALON, physiology/ MICROMANIPULATION/ ODORS/ PAIN/ RATS/ RETICULAR FORMATION, drug effects/ RETICULAR FORMATION, physiology/ TESTOSTERONE, administration & dosage/ *TESTOSTERONE, pharmacodynamics/ URINE

3175. **Pfeiffer CJ:** The physiologic effects of restricted activity in the rat: stress effects of chronic restraint.
Exp Med Surg 25:201-17, 1967
ADRENAL GLAND DISEASES, etiology/ ANIMAL EXPERIMENTS/ *GROWTH/ GROWTH DISORDERS, etiology/ *IMMOBILIZATION/ PSYCHOPHYSIOLOGIC DISORDERS/ RATS/ *STRESS/ THYMUS GLAND, physiology

3176. **Pham-Huu-Trung, Girard F, Binoux M, et al:** Problèmes posés par le dosage fluorimétrique du cortisol plasmatique dans l'hyperplasie congénitale des surrénales. Path Biol (Paris) 17:487-91, May 69 (Fre)
*ADRENAL GLAND DISEASES, blood/ *ADRENAL GLAND DISEASES, congenital/ CHILD/ CHILD, PRESCHOOL/ CHROMATOGRAPHY/ CHROMATOGRAPHY, PAPER/ CORTICOSTERONE, blood/ CORTICOTROPIN, administration & dosage/ ENGLISH ABSTRACT/ *FLUOROMETRY/ HUMAN/ *HYDROCORTISONE, blood/ HYPERPLASIA, blood/ HYPERPLASIA, congenital/ METYRAPONE, diagnostic use

3177. **Philippon J, Guyot JF:** Données actuelles sur l'oedème cérébral. II. Aspects thérapeutiques.
Presse Med 76:2393-4, 21 Dec 68 (Fre)
ACETAZOLAMIDE, therapeutic use/ *BRAIN EDEMA, drug therapy/ BRAIN EDEMA, etiology/ BRAIN EDEMA, surgery/ CEREBRAL HEMORRHAGE, chemically induced/ CEREBROSPINAL FLUID, drug effects/ CEREBROSPINAL FLUID, secretion/ CORTICOTROPIN, therapeutic use/ CORTISONE, therapeutic use/ DEHYDRATION, chemically induced/ DIURESIS, drug effects/ DIURETICS, therapeutic use/ GLYCERIN, administration & dosage/ HUMAN/ HYDROCEPHALUS, therapy/ HYPERTONIC SOLUTIONS/ HYPERTONIC SOLUTIONS, adverse effects/ HYPOTHERMIA, INDUCED/ MANNITOL, administration & dosage/ OSMOTIC PRESSURE/ UREA, administration & dosage

3178. **Philippu A, Becke H:** Einfluss von Pharmaka auf die Aminaufnahme in hypothalamische Vesikel.
Naunyn Schmiedeberg Arch Pharm 263:243-4, 1969 (Ger)
ADENOSINE TRIPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ CYTOPLASMIC GRANULES/ DEPRESSION, CHEMICAL/ *DESIPRAMINE, pharmacodynamics/ HYPOTHALAMUS, cytology/ *HYPOTHALAMUS, metabolism/ MAGNESIUM, metabolism/ *NOREPINEPHRINE, metabolism/ *PRENYLAMINE, pharmacodynamics/ *RESERPINE, pharmacodynamics/ SWINE

3179. **Phillips IR:** Trophoblast disease presenting as congestive heart failure: case report.
New Zeal Med J 69:232-3, Apr 69
ADULT/ FEMALE/ *HEART FAILURE, CONGESTIVE/ HUMAN/ *HYDATIDIFORM MOLE, complications/ PREGNANCY/ *PREGNANCY COMPLICATIONS, CARDIOVASCULAR, etiology/ *UTERINE NEOPLASMS, complications

3180. **Philpott JE, Zarrow MX, Denenberg VH:** The presence of the adult-type pattern of adrenal steroids in the one day old rat. Steroids 14:21-31, Jul 69
*ADRENAL GLANDS, analysis/ ADRENAL GLANDS, secretion/ AGE FACTORS/ ALDOSTERONE, blood/ ANIMAL EXPERIMENTS/ *ANIMALS, NEWBORN/ CHROMATOGRAPHY, THIN LAYER/ *CORTICOSTERONE, analysis/ CORTICOSTERONE, blood/ DESOXYCORTICOSTERONE, analysis/ FLUORESCENCE/ PERIODIC ACIDS, metabolism/ PREGNANES, analysis/ RATS/ TRITIUM

3181. **Piasecki Z, Kowalski A:** Nowotwory złośliwe niezstąpionych jąder.
Pol Przegl Chir 41:Suppl 4a:552+, 1969 (Pol)
ADOLESCENCE/ ADULT/ CHILD/ *CRYPTORCHISM, complications/ *DISGERMINOMA, etiology/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *TERATOID TUMOR, etiology/ *TESTICULAR NEOPLASMS, etiology

3182. **Platnek-Leunissen DA, Leunissen RL:** Heart mitochondrial function in acute and in chronic hyperthyroidism in rats. Circ Res 25:171-81, Aug 69
ACUTE DISEASE/ ADENOSINE TRIPHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ CHRONIC DISEASE/ DRINKING/ *HEART, physiopathology/ HYPERTHYROIDISM, chemically induced/ *HYPERTHYROIDISM, physiopathology/ INJECTIONS, SUBCUTANEOUS/ KETOGLUTARIC ACID/ MALE/ *MITOCHONDRIA, MUSCLE/ MYOCARDIUM, pathology/ OXIDATIVE PHOSPHORYLATION/ PEPTIDE HYDROLASES/ PERMEABILITY/ POLAROGRAPHY/ RATS/ TISSUE CULTURE/ TRIIODOTHYRONINE

3183. **Picarelli ZP, Valle JR:** Hormonal regulation of rat seminal vesicle sensitivity to adrenaline, noradrenaline, acetylcholine and

acetyl-beta-methylcholine.
Brit J Pharmacol 35:468-75, Mar 69
*ACETYLCHOLINE, pharmacodynamics/ ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ CASTRATION/ *EPINEPHRINE, pharmacodynamics/ ESTRADIOL, pharmacodynamics/ IN VITRO/ MALE/ *METHACHOLINE COMPOUNDS, pharmacodynamics/ MUSCLE, SMOOTH, drug effects/ *NOREPINEPHRINE, pharmacodynamics/ RATS/ RECEPTORS, DRUG, drug effects/ *SEMINAL VESICLES, drug effects

3184. **Pichlmaier H, Edel HH, Lavender R:** Die Bedeutung der chirurgischen Vor- und Nachbehandlung bei Organtransplantation.
Deutsch Med Wschr 94:2082-6, 10 Oct 69 (Ger)
ENGLISH ABSTRACT/ HUMAN/ HYPERPARATHYROIDISM, etiology/ HYPERTENSION, RENAL/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ *KIDNEY, transplantation/ *KIDNEY FAILURE, CHRONIC, therapy/ NEPHRECTOMY/ PERFUSION/ *POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS, prevention & control/ *PREOPERATIVE CARE/ STOMACH ULCER, chemically induced/ *TISSUE PRESERVATION/ TRANSPLANTATION, HOMOLOGOUS/ TRANSPLANTATION IMMUNOLOGY/ UREMIA

3185. **Pick R, Katz LN:** Effect of environmental changes on the development of hypercholesterolemia and atherosclerosis in cholesterol oil fed cockerels.
Israel J Med Sci 5:635-8, Jul-Aug 69
ADAPTATION, BIOLOGICAL/ ANIMAL EXPERIMENTS/ AORTA, THORACIC/ *ARTERIOSCLEROSIS, etiology/ BODY WEIGHT/ CHICKENS/ CHOLESTEROL, administration & dosage/ CHOLESTEROL, blood/ COTTONSEED/ DIET, ATHEROGENIC/ *ENVIRONMENT/ *HYPERCHOLESTEREMIA, etiology/ OILS/ ORGAN WEIGHT/ SOCIAL MOBILITY/ TESTIS

3186. **Piéron R, Decroix G, Malka G, et al:** Manifestations respiratoires de la drépanocytose.
Coeur Med Intern 6:163-72, Apr 67 (Fre)
ADULT/ *ANEMIA, SICKLE CELL, complications/ ANEMIA, SICKLE CELL, therapy/ ANTIBIOTICS, therapeutic use/ ASTHMA, etiology/ BLOOD TRANSFUSION/ CORTICOTROPIN, therapeutic use/ HUMAN/ *LUNG DISEASES, etiology/ MALE/ MIDDLE AGE/ *PULMONARY EMBOLISM, etiology/ *RESPIRATORY TRACT INFECTIONS, etiology/ SPLENIC INFARCTION, etiology

3187. **Pieterse EW, Scholtis RJ, Schmidt NA:** A simple method for separate determination of the main 17,21-dihydroxy-20-ketosteroids.
Clin Chim Acta 25:243-6, Aug 69
CHROMATOGRAPHY/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, isolation & purification/ *17-HYDROXYCORTICOSTEROIDS, urine/ KETONES, isolation & purification/ KETONES, urine/ METHODS/ *METYRAPONE, pharmacodynamics/ PHENOLS/ *PREGNANES, urine/ SILICA/ SNAILS, enzymology/ SPECTROPHOTOMETRY/ SULFATASES

3188. **Pigeaud H:** Les gestagènes.
Maroc Med 47:291-5, Apr 67 (Fre)
ABORTION, THREATENED, drug therapy/ ADULT/ *CONTRACEPTIVES, ORAL/ FEMALE/ HUMAN/ MENSTRUATION DISORDERS, drug therapy/ *PROGESTATIONAL HORMONES/ PROGESTATIONAL HORMONES, adverse effects/ PROGESTATIONAL HORMONES, therapeutic use/ STERILITY, FEMALE, drug therapy

3189. **Pijoán de Beristáin C, Casares Potau R, Périz Sagué A:** Tratamiento intensivo de la insuficiencia cardíaca congestiva severa.
Rev Esp Cardiol 22:105-16, Jan 69 (Spa)
AGED/ *CARDANOLIDES, administration & dosage/ DRUG SYNERGISM/ FEMALE/ *FUROSEMIDE, administration & dosage/ *HEART FAILURE, CONGESTIVE, drug therapy/ HUMAN/ MALE/ *MANNITOL, administration & dosage/ MIDDLE AGE/ *POTASSIUM CHLORIDE, administration & dosage/ *PREDNISOLONE, administration & dosage

3190. **Pilipenko NI:** Reaktivnye izmeneniia v tsentral'noĭ nervnoĭ sisteme i endokrinnykh organakh pri ozhogovoluchevom porazhenii.
Biull Eksp Biol Med 63:48-52, Apr 67 (Rus)
ANIMAL EXPERIMENTS/ BURNS, complications/ *BURNS, metabolism/ *CENTRAL NERVOUS SYSTEM, metabolism/ *DYES, metabolism/ *ENDOCRINE GLANDS, metabolism/ MALE/ RADIATION INJURY, EXPERIMENTAL, complications/ *RADIATION INJURY, EXPERIMENTAL, metabolism/ RATS

3191. **Pin C, Jones B, Jouvet M:** Topographie des neurones monoaminergiques du tronc cérébral du chat: étude par histofluorescence.
C R Soc Biol (Paris) 162:2136-41, 1968 (Fre)
ANIMAL EXPERIMENTS/ *BRAIN STEM, cytology/ *CATECHOLAMINES/ CATS/ MICROSCOPY, FLUORESCENCE/ *SEROTONIN

3192. **Pin C, Jones BE, Jouvet M:** Les neurones contenant des monoamines du tronc cérébral du chat. I. Etude topographique par histofluorescence et histochimie.
J Physiol (Paris) 60:Suppl 2:519, 1968 (Fre)
ANIMAL EXPERIMENTS/ *BRAIN STEM, cytology/ *CATECHOLAMINES, analysis/ CATS/ HISTOCYTOCHEMISTRY/ MEDULLA OBLONGATA, cytology/ MICROSCOPY, FLUORESCENCE/ MONOAMINE OXIDASE, analysis/ NIALAMIDE, pharmacodynamics/ OLIVARY NUCLEUS, cytology/ RED NUCLEUS, cytology/ RESERPINE, pharmacodynamics/ *SEROTONIN, analysis/ SUBSTANTIA NIGRA, cytology

3193. **Pinelli A, Nair PP:** Gas-liquid chromatographic separation of steroids and their derivatives on a dual component column of high thermal stability.
J Chromatogr 43:223-8, 19 Aug 69
CHROMATOGRAPHY, GAS/ *HEAT/ *STEROIDS, analysis

3194. **Pinsker P, Bultasová H:** Sekrece kortizolu u centrální formy Cushingova syndromu.
Cas Lek Cesk 108:1127-31, Sep 69 (Cze)
ADRENALECTOMY/ *CUSHING'S SYNDROME, metabolism/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYDROCORTISONE, secretion/ HYDROCORTISONE, urine/ MALE/ METHODS/ RADIOISOTOPE DILUTION TECHNIC

3195. **Piroth M, Weis HJ:** Takayasu-Arteriitis und Riedelsche Struma.
Arch Klin Med 216:105-15, 1969 (Ger)
AORTA, pathology/ *AORTIC ARCH SYNDROMES, complications/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MIDDLE AGE/ RETROPERITONEAL FIBROSIS, complications/ THYROID GLAND, pathology/ *THYROIDITIS, complications

3196. **Pirotte J:** Les hépatities prolongées d'origine virale.
Rev Med Liege 22:582-92, 15 Oct 67 (Fre)
ANTIGEN-ANTIBODY REACTIONS/ CHRONIC DISEASE/ GLUCOCORTICOIDS, therapeutic use/ HEPATITIS, INFECTIOUS, drug therapy/ HEPATITIS, INFECTIOUS, immunology/ HEPATITIS, INFECTIOUS, pathology/ *HEPATITIS, INFECTIOUS, pathology/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ LIVER, pathology/ LIVER CIRRHOSIS, pathology

3197. **Pissarek H:** Längsschnittuntersuchungen bei Osteogenesis imperfecta.
Beitr Orthop Trauma 15:631-3, Oct 68 (Ger)
ADOLESCENCE/ ADULT/ BLOOD CHEMICAL ANALYSIS/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ FRACTURES, SPONTANEOUS, etiology/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ MIDDLE AGE/ *OSTEOGENESIS IMPERFECTA/

OSTEOGENESIS IMPERFECTA, blood/
OSTEOGENESIS IMPERFECTA, surgery

3198. **Pitney WR:** Mechanisms of thrombocytopenia with particular reference to intravascular coagulation and microangiopathic haemolytic anaemia.
Brit J Haemat 17:301, Sep 69
ADRENAL CORTEX HORMONES, therapeutic use/ *ANEMIA, HEMOLYTIC, complications/ ANTIGEN-ANTIBODY REACTIONS/ HEPARIN, therapeutic use/ HUMAN/ *THROMBOPENIA, complications/ THROMBOPENIA, drug therapy/ THROMBOPENIA, immunology/ *THROMBOSIS, complications

3199. **Pittman JA Jr, Pittman CS:** Thyroid nodules and cancer. Mod Treatm 6:534-49, May 69
*GOITER/ HUMAN/ *THYROID NEOPLASMS

3200. **Pizzocaro G, Talamazzi F:** Seminoma del testicolo metastatizzante come embrionalcarcinoma, teratoma e coriocarcinoma. Cancro 21:57-62, 1968 (Ita)
ADULT/ *CHORIOCARCINOMA, pathology/ *DISGERMINOMA, pathology/ HUMAN/ LYMPHATIC METASTASIS, pathology/ MALE/ *NEOPLASM METASTASIS, pathology/ *TERATOID TUMOR, pathology/ *TESTICULAR NEOPLASMS, pathology

3201. **Plasmeyer JH:** The action of parathyroid hormone on salivary glands in organ culture. I. Some aspects of the organ culture of mouse and rat embryonic salivary glands with special reference to the duct system.
Proc Kon Nederl Akad Wet [Biol Med] 72:354-69, 1969
ANIMAL EXPERIMENTS/ METHODS/ MICE/ *PARATHYROID HORMONE, pharmacodynamics/ RATS/ SALIVARY GLANDS, anatomy & histology/ *SALIVARY GLANDS, drug effects/ SALIVARY GLANDS, growth & development/ TISSUE CULTURE

3202. **Plasse G, Bonneau H, Varette I:** Goitre ovarien bilatéral, le deuxième s'étant manifesté trois ans après de premier. Exploration isotopique.
Bull Fed Gynec Obstet Franc 19:138-9, Apr-May 67 (Fre)
ADOLESCENCE/ FEMALE/ HUMAN/ *IODINE ISOTOPES, DIAGNOSTIC/ *STRUMA OVARII, diagnosis

3203. **Plesner R:** Contraception by an injectable, long-acting oestrogen-progestogen agent.
Acta Endocr (Kobenhavn) 61:494-508, Jul 69
ADRENAL GLANDS, drug effects/ BODY TEMPERATURE/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ ENDOMETRIUM, anatomy & histology/ *ESTRADIOL, pharmacodynamics/ FEMALE/ GONADOTROPINS, PITUITARY, urine/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ 17-KETOSTEROIDS, urine/ OVULATION, drug effects/ PREGNANEDIOL, urine

3204. **Pletscher A, Da Prada M, Tranzer JP:** Metabolism, subcellular transport and storage of 5-hydroxytryptamine in blood platelets.
Ann Med Exp Biol Fenn 46:399-406, 1968
ADENOSINE TRIPHOSPHATE, analysis/ ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, metabolism/ CELL MEMBRANE, metabolism/ CHROMATOGRAPHY, PAPER/ CYANIDES, pharmacodynamics/ GUINEA PIGS/ HISTAMINE, analysis/ HYDROXYINDOLEACETIC ACID, metabolism/ IMIPRAMINE, pharmacodynamics/ MICROSCOPY, ELECTRON/ OUABAIN, pharmacodynamics/ RABBITS/ *SEROTONIN, metabolism

3205. **Plokhoĭ VI, Smirnov MI, Pushkina LA, et al:** Vlianie gidrokortizona na soderzhante nikotinamidadenindinukleotida v pecheni krys.
Probl Endokr (Moskva) 13:65-9, May-Jun 67 (Rus)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *HYDROCORTISONE, pharmacodynamics/ LIPIDS, analysis/ LIVER, analysis/ *LIVER, drug effects/ LIVER, enzymology/ MITOCHONDRIA, LIVER, analysis/ *NAD, analysis/ PROTEINS, analysis/ RATS

3206. **Pöch G, Kukovetz WR:** Zum Mechanismus der Herzwirkungen von 2-Brom-LSD.
Naunyn Schmiedeberg Arch Pharm 263:244-5, 1969 (Ger)
ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ BROMINE/ CARBON ISOTOPES/ DEPRESSION, CHEMICAL/ GUINEA PIGS/ *HEART, drug effects/ IN VITRO/ *LYSERGIC ACID DIETHYLAMIDE, pharmacodynamics/ MUSCLE CONTRACTION/ MYOCARDIUM, enzymology/ *MYOCARDIUM, metabolism/ *PHOSPHATASES, antagonists & inhibitors/ THEOPHYLLINE, pharmacodynamics

3207. **Pocklington T, Jeffery J:** Competition of two substrates for a single enzyme. A simple kinetic theorem exemplified by a hydroxy steroid dehydrogenase reaction. Biochem J 112:331-4, Apr 69
*ANDROSTANES/ CHEMISTRY/ *HYDROXYSTEROID DEHYDROGENASE/ HYDROXYSTEROID DEHYDROGENASE, antagonists & inhibitors/ KINETICS

3208. **Podkolzin AA, Tomilets VA:** O gipotenzivnom deĭstvii prednizolona i deksametazona.
Farmakol Toksik 32:293-6, May-Jun 69 (Rus)
ANIMAL EXPERIMENTS/ *ANTIHYPERTENSIVE AGENTS, pharmacodynamics/ ATROPINE, pharmacodynamics/ *BLOOD PRESSURE, drug effects/ CAROTID ARTERIES/ CATS/ CHORDOTOMY/ COMPARATIVE STUDY/ DEPRESSION, CHEMICAL/ *DEXAMETHASONE, pharmacodynamics/ DOGS/ ENGLISH ABSTRACT/ MALE/ *PREDNISOLONE, pharmacodynamics/ SHOCK, TRAUMATIC, mortality/ STIMULATION, CHEMICAL/ VAGOTOMY

3209. **Poettgen H:** Psychologische und theologische Probleme der Kontrazeption mittels Ovulationshemmern.
Arch Gynaek 207:99-104, 1969 (Ger)
*CONTRACEPTIVES, ORAL/ FEMALE/ HUMAN/ *PSYCHOLOGY/ *RELIGION

3210. **Pokorná Z:** Induction of autoimmune aspermatogenesis by noncellular cytophilic material.
Folia Biol (Krakow) 17:173-80, 1969
ANIMAL EXPERIMENTS/ *ANTIBODIES/ ANTIGEN-ANTIBODY REACTIONS/ *AUTOIMMUNE DISEASES/ DEOXYRIBONUCLEASE, pharmacodynamics/ DEPRESSION, CHEMICAL/ EXUDATES AND TRANSUDATES/ GAMMA GLOBULIN/ IMMUNE SERUMS/ LYMPHATIC SYSTEM, cytology/ MALE/ MICE/ RIBONUCLEASE, pharmacodynamics/ *SPERMATOZOA/ SPLEEN, cytology/ *TESTIS, physiopathology/ TRYPSIN, pharmacodynamics

3211. **Pokotilenko GM:** Vliianie galaskorbina na okislitel'noe fosforilirovanie v mitokhondriiakh pecheni pri gipotireoze. Vrach Delo 12:23-5, Dec 67 (Rus)
ANIMAL EXPERIMENTS/ *ASCORBIC ACID, therapeutic use/ *DERMATOLOGIC AGENTS, therapeutic use/ ENGLISH ABSTRACT/ HYPOTHYROIDISM, chemically induced/ *HYPOTHYROIDISM, drug therapy/ MALE/ METHYLTHIOURACIL/ *MITOCHONDRIA, LIVER, metabolism/ *OXIDATIVE PHOSPHORYLATION, drug effects/ RATS/ *TANNINS, therapeutic use

3212. **Pokrovskaia NIa:** Lechenie gnoĭnykh meningitov u detei. Pediatriia 48:64-70, Mar 69 (51 ref.) (Rus)
ADRENAL CORTEX HORMONES, therapeutic use/ CHILD/ CHLORAMPHENICOL, therapeutic use/ ERYTHROMYCIN, therapeutic use/ GAMMA GLOBULIN, therapeutic use/ HUMAN/ *MENINGITIS, therapy/ MENINGITIS, MENINGOCOCCIC, drug therapy/ MENINGITIS, PNEUMOCOCCAL, drug therapy/ PENICILLIN, administration & dosage/ REVIEW/ STREPTOMYCIN, therapeutic use/ SULFONAMIDES, therapeutic use/ SUPPURATION/ TETRACYCLINE, therapeutic use

3213. **Pol HJ van der, Nispen tot Pannerden EB:** Analysis of clomiphene citrate.
Pharm Weekbl 104:973-9, 15 Aug 69
CITRATES, analysis/ *CLOMIPHENE, analysis/ INFRARED RAYS/ SPECTRUM ANALYSIS/ ULTRAVIOLET RAYS

3214. **Polácek I, Krejci I:** Effect of magnesium on the response of the rat mammary gland strip to oxytocin analogues. Europ J Pharmacol 7:85-8, Jul 69
ANIMAL EXPERIMENTS/ FEMALE/ IN VITRO/ LACTATION/ *MAGNESIUM, pharmacodynamics/ *MAMMAE, drug effects/ *MUSCLE CONTRACTION, drug effects/ *MUSCLE, SMOOTH, drug effects/ *OXYTOCIN, pharmacodynamics/ RATS/ UTERUS, drug effects

3215. **Polani PE:** Abnormal sex chromosomes and mental disorders.
Nature (London) 223:680-6, 16 Aug 69 (98 ref.)
AGGRESSION/ CRIMINAL PSYCHOLOGY/ HETEROCHROMATIN/ HUMAN/ INTELLIGENCE/ KLINEFELTER'S SYNDROME/ *MENTAL DISORDERS, familial & genetic/ MENTAL DISORDERS, occurrence/ REVIEW/ SCHIZOPHRENIA, familial & genetic/ *SEX CHROMOSOME ABNORMALITIES, complications/ SEX CHROMOSOME ABNORMALITIES, occurrence

3216. **Polcyn RE, Gottschalk A:** Dynamic studies with the newer instrumentation.
Radiol Clin N Amer 7:243-55, Aug 69 (62 ref.)
BRAIN, blood supply/ BRAIN NEOPLASMS, diagnosis/ CARDIAC OUTPUT/ *COMPUTERS, DIGITAL/ CORONARY VESSELS/ DATA DISPLAY/ GOITER, EXOPHTHALMIC, diagnosis/ HUMAN/ KIDNEY, blood supply/ KIDNEY, transplantation/ MENINGIOMA, diagnosis/ RADIOISOTOPE RENOGRAPHY/ *RADIOISOTOPE SCANNING, instrumentation/ RADIOISOTOPES/ *REGIONAL BLOOD FLOW/ REVIEW/ TECHNETIUM/ THYROID GLAND, blood supply/ TIME FACTORS/ TRANSPLANTATION, HOMOLOGOUS/ XENON

3217. **Poletaeva KA:** Aktivnost' aspartat-alpha-ketogliutarate i alanin-alpha-ketogliutarat transaminaz korkovogo sloia pichki krys posle vvedeniia im gifrokortizona pri golodanii i alloksanovom diabete.
Vop Med Khim 15:227-30, May-Jun 69 (Rus)
*ALANINE AMINOTRANSFERASE, metabolism/ *ALLOXAN DIABETES, enzymology/ ANIMAL EXPERIMENTS/ *ASPARTATE AMINOTRANSFERASE, metabolism/ ENGLISH ABSTRACT/ FEMALE/ *HYDROCORTISONE, pharmacodynamics/ *KIDNEY, enzymology/ MALE/ RATS/ SEX FACTORS/ *STARVATION, enzymology/ STIMULATION, CHEMICAL/ TIME FACTORS

3218. **Poliakova AK:** Primenenie polovykh gormonov pri bolezni Rendiu-Oslera.
Vrach Delo 2:131-2, Feb 67 (Rus)
ADULT/ HUMAN/ MALE/ MIDDLE AGE/ *SEX HORMONES, therapeutic use/ *TELANGIECTASIA, HEREDITARY HEMORRHAGIC, drug therapy

3219. **Polikarpova LI:** Deistvie gidrokortizona i insulina na aktivnost' alanin- i aspartat-alpha-ketogliutarat-transaminaz v pecheni krys-samtsov raznogo vozrasta, normal'nykh i kastrirovannykh.
Probl Endokr (Moskva) 15:90-5, Mar-Apr 69 (Rus)
*ALANINE AMINOTRANSFERASE, metabolism/ ANIMAL EXPERIMENTS/ *ASPARTATE AMINOTRANSFERASE, metabolism/ CASTRATION/ ENGLISH ABSTRACT/ *HYDROCORTISONE, pharmacodynamics/ *INSULIN, pharmacodynamics/ LIVER, drug effects/ *LIVER, enzymology/ MALE/ RATS/ SEX HORMONES, physiology

3220. **Pol'kina RI:** O vybore protivoopukholevykh preparatov dlia mestnogo primeneniia.
Vop Onkol 15:72-4, 1969 (Rus)
ANIMAL EXPERIMENTS/ *ANTINEOPLASTIC AGENTS, therapeutic use/ *CARCINOMA, EHRLICH TUMOR, drug therapy/ ENGLISH ABSTRACT/ FLUOROURACIL, therapeutic use/ IN VITRO/ *LYMPHOSARCOMA, drug therapy/ MELPHALAN, therapeutic use/ MICE/ *NEOPLASMS, EXPERIMENTAL, drug therapy/ *OVARIAN NEOPLASMS, drug therapy/ RATS/ THIO-TEPA, therapeutic use

3221. **Pollono F, Tos L, Cavalli F:** La metatarsalgia di Morton.
Minerva Ortop 18:567-9, Sep 67 (Ita)
ADULT/ *BONE DISEASES, therapy/ *BONE NEOPLASMS, surgery/ CORTISONE, therapeutic use/ FEMALE/ *FOOT DISEASES/ HUMAN/ *METATARSUS/ *NEUROMA, surgery/ *PAIN, therapy/ PHYSICAL THERAPY

3222. **Polse S, Bobo E:** Bilateral ureteral obstruction secondary to enlarged ovarian veins.
J Urol 102:305-7, Sep 69
*OVARY, blood supply/ URETERAL OBSTRUCTION, complications/ URETERAL OBSTRUCTION, etiology/ *URETERAL OBSTRUCTION, etiology

3223. **Polushkin BV:** O znachenii tuchnykh kletok v kal'tsifikatsii tkaneĭ pri kal'tsifilaksii.
Arkh Pat 30:45-9, 1968 (Rus)
ANIMAL EXPERIMENTS/ CALCINOSIS, chemically induced/ CALCINOSIS, etiology/ *CALCINOSIS, familial & genetic/ CALCIPHYLAXIS, etiology/ CALCIPHYLAXIS, familial & genetic/ CALCIPHYLAXIS, pathology/ CHLORIDES/ DEXTRAN, administration & dosage/ DIHYDROTACHYSTEROL/ HISTOCYTOCHEMISTRY/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, SUBCUTANEOUS/ INTESTINE, LARGE, pathology/ IRON, pharmacodynamics/ *MAST CELLS/ MAST CELLS, drug effects/ MUSCLES, pathology/ OVALBUMIN, administration & dosage/ OVALBUMIN, pharmacodynamics/ RATS/ SKIN, pathology/ SURFACE-ACTIVE AGENTS

3224. **Polushkin BV:** Vliianie serotonina, iproniazida, razerpina i 5-oksitriptofana na aktivnost' fibrinazy.
Farmakol Toksik 32:318-20, May-Jun 69 (Rus)
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ *BLOOD COAGULATION, drug effects/ *BLOOD COAGULATION FACTORS/ BLOOD PLATELETS, drug effects/ COMPARATIVE STUDY/ *CREATININE, pharmacodynamics/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ FACTOR XIII/ *HYDROXYTRYPTOPHAN, pharmacodynamics/ IN VITRO/ *IPRONIAZID, pharmacodynamics/ *RADIATION INJURY, EXPERIMENTAL, blood/ RATS/ *RESERPINE, pharmacodynamics/ SEROTONIN, blood/ *SEROTONIN, pharmacodynamics/ STIMULATION, CHEMICAL/ SULFATES, pharmacodynamics

3225. **Pomerantz B, O'Rourke RA:** The Stokes-Adams syndrome. Amer J Med 46:941-60, Jun 69 (310 ref.)
*ADAMS-STOKES SYNDROME/ ADAMS-STOKES SYNDROME, chemically induced/ ADAMS-STOKES SYNDROME, diagnosis/ ADAMS-STOKES SYNDROME, etiology/ ADAMS-STOKES SYNDROME, prevention & control/ ADAMS-STOKES SYNDROME, therapy/ ADRENAL CORTEX HORMONES, therapeutic use/ *ARRHYTHMIA, physiopathology/ ATROPINE, therapeutic use/ CHLOROTHIAZIDE, therapeutic use/ DIGITALIS GLYCOSIDES, adverse effects/ DIPHENYLHYDANTOIN, adverse effects/ EDTA, therapeutic use/ EPHEDRINE, therapeutic use/ EPINEPHRINE, therapeutic use/ *HEART BLOCK, etiology/ HUMAN/ ISOPROTERENOL, therapeutic use/ LACTATES, therapeutic use/ LIDOCAINE, adverse effects/ PACEMAKER, ARTIFICIAL/ PACEMAKER, ARTIFICIAL, adverse effects/ PROCAINE, adverse effects/ QUINIDINE,

adverse effects/ REVIEW/ *SYNCOPE, etiology/ WATER-ELECTROLYTE BALANCE

3226. **Pommier M:** Schéma d'examen d'un couple stérile.
Cah Coll Med Hop Paris 8:639-43, 30 Jun 67 (Fre)
FEMALE/ HORMONES, analysis/ HUMAN/ MALE/ *PHYSICAL EXAMINATION/ REFERRAL AND CONSULTATION/ *STERILITY, etiology/ STERILITY, FEMALE, diagnosis/ STERILITY, MALE, diagnosis

3227. **Pompidou A, Brouilhet H, Jouanneau M, et al:** Mobilisation des lymphocytes du lapin par injection de divers médicaments (héparine, tonicardiaques)
C R Soc Biol (Paris) 163:11-5, 1969 (Fre)
ANIMAL EXPERIMENTS/ BLOOD CIRCULATION/ *CAFFEINE, pharmacodynamics/ *HEPARIN, pharmacodynamics/ INJECTIONS, INTRAVENOUS/ INJECTIONS, SUBCUTANEOUS/ *LANATOSIDES, pharmacodynamics/ *LYMPHOCYTES, drug effects/ RABBITS/ *THYROXINE, pharmacodynamics/ TIME FACTORS

3228. **Poniecki A, Bernacka K:** Gościec przewlekły postępujący u chorej z zespol/em Turnera.
Endokr Pol 20:273-7, 1969 (Pol)
ADULT/ *ARTHRITIS, RHEUMATOID, complications/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *TURNER'S SYNDROME, complications

3229. **Pont'uch A, Bárdoš A, Zajacová E, et al:** Klinickeé skúsenosti s bukálnym oxytocínom za porodu.
Bratisl Lek Listy 52:72-7, Jul 69 (Slo)
ADOLESCENCE/ ADULT/ DOSAGE FORMS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LABOR COMPLICATIONS, drug therapy/ OXYTOCIN, administration & dosage/ *OXYTOCIN, therapeutic use/ PREGNANCY

3230. **Popescu N, Strat C, Wasserman L, et al:** Studiu critic morfo-clinic şi evolutiv asupra a 16 cazuri de rectocolită hemoragică.
Med Intern (Bucur) 21:449-58, Apr 69 (Rum)
*ADRENAL GLAND HYPOFUNCTION, complications/ ADULT/ *COLITIS, etiology/ COLITIS, immunology/ *ENDOCRINE DISEASES, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PSYCHOPHYSIOLOGIC DISORDERS

3231. **Popova TT:** Opredelenie khorionicheskogo gonadotropina s pomoshch'iu adsorbtsii na kaolin.
Lab Delo 2:77-9, 1968 (Rus)
ADSORPTION/ ANIMAL EXPERIMENTS/ FEMALE/ FROGS/ *GONADOTROPINS, CHORIONIC, urine/ HUMAN/ *KAOLIN/ MALE/ METHODS

3232. **Popoviciu L, Aşgian B, Dulău E:** Contribuţii la cunoaşterea modificărilor electroencefalografice în suferinţele regiunii subtalamice.
Neurologia (Bucur) 14:131-5, Mar-Apr 69 (Rum)
AGED/ *BRAIN DISEASES, diagnosis/ *CEREBROVASCULAR DISORDERS, diagnosis/ *DIENCEPHALON/ ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPOTHALAMUS/ IMIPRAMINE, diagnostic use

3233. **Porter P, Noakes DE:** Immunoglobulins in sow mammary secretions throughout lactation and their significance as anti-(Escherichia coli) antibodies to the young pig.
Biochem J 113:6P-7P, Jun 69
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN, immunology/ *ANTIBODIES, analysis/ *COLOSTRUM, analysis/ *ESCHERICHIA COLI, immunology/ FEMALE/ *GAMMA GLOBULIN, analysis/ LACTATION/ *MILK, analysis/ SWINE/ TIME FACTORS

3234. **Portugalov VV, Kaplanskiĭ AS, Durnova GN:** Izmeneniia vo vnutrennikh organakh mysheĭ pri gipoksicheskoĭ gipoksii.
Arkh Pat 30:39-45, 1968 (Rus)
ANIMAL EXPERIMENTS/ *ANOXIA, pathology/ ATMOSPHERIC PRESSURE/ *AVIATION MEDICINE/ KIDNEY, pathology/ LIVER, pathology/ LUNG, pathology/ LYMPH NODES, pathology/ MALE/ METHODS/ MICE/ MYOCARDIUM, pathology/ SPLEEN, pathology/ TESTIS, pathology/ TIME FACTORS

3235. **Porzig H:** Untersuchungen über den Calciumeffux an Erythrocytenschatten.
Naunyn Schmiedeberg Arch Pharm 263:245-6, 1969 (Ger)
CALCIUM, blood/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ *ERYTHROCYTES, metabolism/ HEMOLYSIS/ HUMAN/ MEMBRANES, metabolism

3236. **Potasnick A:** Gonadal dysgenesis (Turner's syndrome).
S Afr Med J 43:835-9, 5 Jul 69
ADOLESCENCE/ AGE FACTORS/ CHILD/ ELBOW, radiography/ EPIPHYSES, radiography/ FEMALE/ GROWTH DISORDERS, radiography/ HUMAN/ *KNEE, radiography/ OSTEOCHONDRITIS, radiography/ RADIUS, radiography/ TIBIA, radiography/ TURNER'S SYNDROME, etiology/ *TURNER'S SYNDROME, radiography/ ULNA, radiography

3237. **Potier de Courcy G:** Influence de la carence en riboflavine sur l'activité de la phosphatase acide des organes maternels et foetaux du rat.
Ann Nutr (Paris) 23:A65-9, 1969 (Fre)
*ACID PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ APPETITE, drug effects/ BRAIN, anatomy & histology/ BRAIN, embryology/ *BRAIN, enzymology/ DEPRESSION, CHEMICAL/ DETERGENTS/ DIET/ FEMALE/ *FLAVINS, pharmacodynamics/ GALACTOFLAVIN, pharmacodynamics/ GESTATIONAL AGE/ LIVER, anatomy & histology/ LIVER, embryology/ *LIVER, enzymology/ *LYSOSOMES, enzymology/ MATERNAL-FETAL EXCHANGE/ MEMBRANES, enzymology/ NAD/ ORGAN WEIGHT/ PLACENTA, anatomy & histology/ *PLACENTA, enzymology/ PREGNANCY/ RATS/ *RIBOFLAVIN, antagonists & inhibitors/ *RIBOFLAVIN DEFICIENCY, enzymology/ TIME FACTORS

3238. **Potin VV, Stepanov GS, Shliakhtina LG:** Metod opredeleniia tireotropnogo gormona v krovi.
Lab Delo 11:663-6, 1968 (Rus)
ANIMAL EXPERIMENTS/ IODINE ISOTOPES/ METHODS/ MICE/ *PROTEIN-BOUND IODINE TEST/ *THYROTROPIN, blood

3239. **Poulain P:** Modifications de l'appareil génital du cobaye femelle après lésions stéréotaxiques de l'hypothalamus antérieur.
C R Soc Biol (Paris) 162:1943-5, May 69 (Fre)
ANIMAL EXPERIMENTS/ ELECTROCOAGULATION/ ESTRUS/ FEMALE/ FSH, secretion/ *GENITALIA, FEMALE/ GUINEA PIGS/ *HYPOTHALAMUS, physiology/ LH, secretion/ MAMMAE, physiology/ METAPLASIA, etiology/ OPTIC CHIASM, physiology/ OVARY/ OVULATION/ UTERUS/ VAGINAL SMEARS

3240. **Povolotskaia GM, Bezverkhaia TP:** Gliukokortikoidnaia funktsiia kory nadpochechnikov pri diabeticheskikh angiopatiiakh.
Probl Endokr (Moskva) 15:29-33, May-Jun 69 (Rus)
ADOLESCENCE/ *ADRENAL GLANDS, physiopathology/ ADULT/ *DIABETIC ANGIOPATHIES, physiopathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYDROCORTISONE, blood/ 17-HYDROXYCORTICOSTEROIDS, urine/ MALE/ MIDDLE AGE

3241. **Povolotskaia GM, Romashkan NV, Pavliuk PM, et al:** O funktsii nadpochechnikov pri tireotoksikoze.
Probl Endokr (Moskva) 15:17-22, May-Jun 69 (Rus)
*ADRENAL GLANDS, physiopathology/ CORTICOTROPIN, diagnostic use/ EPINEPHRINE, urine/ GUANETHIDINE, pharmacodynamics/ HUMAN/ HYDROCORTISONE, blood/

17-HYDROXYCORTICOSTEROIDS, urine/ *HYPERTHYROIDISM, physiopathology/ 17-KETOSTEROIDS, urine

3242. **Powell D:** Pregnancy in active chronic hepatitis on immunosuppresse therapy.
Postgrad Med J 45:292-4, Apr 69
ADOLESCENCE/ *AZATHIOPRINE, therapeutic use/ FEMALE/ *HEPATITIS, drug therapy/ HUMAN/ PREDNISONE, therapeutic use/ PREGNANCY/ *PREGNANCY COMPLICATIONS

3243. **Poyart CF, Papayoanou J, Nahas GG:** Effet de l'ouabaïne et de l'A.M.P. cyclique sur le débit en catécholamines de la surrénale isolée.
J Physiol (Paris) 60:Suppl 2:523, 1968 (Fre)
*ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, secretion/ ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ *CATECHOLAMINES, secretion/ CELL MEMBRANE PERMEABILITY, drug effects/ DOGS/ IN VITRO/ *OUABAIN, pharmacodynamics/ PERFUSION/ STIMULATION, CHEMICAL

3244. **Požar B:** Polymyalgia rheumatica.
Reumatizam 16:101-6, 1969 (Cro)
ADRENAL CORTEX HORMONES, therapeutic use/ AGED/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *POLYMYALGIA RHEUMATICA, diagnosis/ POLYMYALGIA RHEUMATICA, drug therapy

3245. **Prada MD, Pletscher A:** Storage of exogenous monoamines and reserpine in 5-hydroxytryptamine organelles of blood platelets.
Europ J Pharmacol 7:45-8, Jul 69
ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ CENTRIFUGATION, DENSITY GRADIENT/ DOPAMINE, metabolism/ HISTAMINE, metabolism/ NOREPINEPHRINE, metabolism/ ORGANOIDS, metabolism/ RABBITS/ *RESERPINE, metabolism/ *SEROTONIN, metabolism/ TRITIUM

3246. **Prakash P:** Oestrous cycle in triparabiotic rats.
Indian Vet J 46:493-7, Jun 69
ANIMAL EXPERIMENTS/ *ESTRUS, physiology/ FEMALE/ MALE/ *PARABIOSIS, physiology/ *RATS, physiology

3247. **Prange AJ Jr, Wilson IC, Rabon AM, et al:** Enhancement of imipramine antidepressant activity by thyroid hormone.
Amer J Psychiat 126:457-69, Oct 69
ACHILLES TENDON/ ADULT/ CLINICAL RESEARCH/ *DEPRESSION, drug therapy/ DRUG SYNERGISM/ FEMALE/ HUMAN/ *IMIPRAMINE, therapeutic use/ MALE/ PLACEBOS/ PROTEIN-BOUND IODINE TEST/ PSYCHIATRIC STATUS RATING SCALES/ PSYCHOLOGICAL TESTS/ REACTION TIME/ REFLEX, TENDON/ THYROID GLAND, drug effects/ *TRIIODOTHYRONINE, therapeutic use

3248. **Prasad KN, Seale RU:** Effect of dopamine on hemoglobin synthesis of chick blastoderm in vitro.
Proc Soc Exp Biol Med 131:1308-11, Sep 69
ANIMAL EXPERIMENTS/ CHICK EMBRYO/ DOPA, pharmacodynamics/ *DOPAMINE, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ GERM LAYERS, drug effects/ *GERM LAYERS, metabolism/ *HEMOGLOBIN, biosynthesis/ IN VITRO/ IRON, metabolism/ IRON ISOTOPES/ NOREPINEPHRINE, pharmacodynamics/ SEROTONIN, pharmacodynamics/ TISSUE CULTURE/ TRITIUM

3249. **Preger L, Maddison FE, Won G, et al:** The erection and detumescence of esophageal varices.
Amer J Roentgen 107:77-80, Sep 69
BLOOD VOLUME, drug effects/ CATHETERIZATION/ *DEXTRAN, diagnostic use/ DEXTRAN, pharmacodynamics/ *ESOPHAGEAL VARICES, radiography/ ESOPHAGOSCOPY/ HUMAN/ LIVER CIRRHOSIS, complications/ LIVER CIRRHOSIS, radiography/ REGIONAL BLOOD FLOW, drug effects/ VASOPRESSIN, diagnostic use

3250. **Presl J:** Mechanismus působení gonadotropinů.
Cesk Gynek 34:434-5, Sep 69 (Cze)
ANIMAL EXPERIMENTS/ DACTINOMYCIN, pharmacodynamics/ FEMALE/ *GONADOTROPINS, physiology/ HUMAN/ *OVARY, physiology/ PROTEINS, biosynthesis/ RABBITS/ RATS/ RNA, MESSENGER

3251. **Presl J, Horský J:** Náš vyšetřovací postup při poruchách menstruálního cyklu.
Cesk Gynek 34:413-5, Sep 69 (Cze)
AMENORRHEA, classification/ AMENORRHEA, etiology/ FEMALE/ HUMAN/ KARYOTYPING/ *MENSTRUATION DISORDERS, diagnosis/ METHODS/ PROGESTERONE, diagnostic use/ SEX CHROMATIN

3252. **Price D, Zaaijer JJ, Ortiz E:** Hormonal influences on genetic expression as demonstrated in organ culture studies of reproductive ducts of fetal guinea pigs.
Proc Kon Nederl Akad Wet [Biol Med] 72:370-84, 1969
*ANDROGENS, pharmacodynamics/ CELL DIFFERENTIATION/ *GONADS, embryology/ GUINEA PIGS/ METHODS/ *SEX CHROMOSOMES/ *SEX DETERMINATION/ TISSUE CULTURE/ WOLFFIAN DUCT, embryology

3253. **Pridatkevich AV:** Osobennosti lecheniia addisonovoĭ bolezni v sochetanii s tuberkuleznym spondilitom.
Probl Endokr (Moskva) 15:65-7, May-Jun 69 (Rus)
*ADDISON'S DISEASE, complications/ ADULT/ FEMALE/ HUMAN/ HYDRAZINES, therapeutic use/ ISONIAZID, therapeutic use/ MALE/ PREDNISOLONE, therapeutic use/ *TUBERCULOSIS, SPINAL, complications/ TUBERCULOSIS, SPINAL, surgery

3254. **Priedkalns J, Oksche A:** Ultrastructure of synaptic terminals in nucleus infundibularis and nucleus supraopticus of Passer domesticus.
Z Zellforsch 98:135-47, 1969
ANIMAL EXPERIMENTS/ *BIRDS, anatomy & histology/ HISTOLOGICAL TECHNICS/ *HYPOTHALAMUS, cytology/ MICROSCOPY, ELECTRON/ NEURAL TRANSMISSION/ *SYNAPSES, cytology

3255. **Prieto ME, Sanhueza P, Kuhne W, et al:** Experiencia clínica en coma mixedematoso.
Rev Med Chile 97:237-41, Apr 69 (Spa)
ADULT/ AGED/ *COMA/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MIDDLE AGE/ *MYXEDEMA, complications

3256. **Priĭmak EKh:** Ul'trastruktura neĭrogipofiza krysy v postnatal'nom ontogeneze.
Arkh Anat 56:34-41, Jan 69 (Rus)
AGING/ ANIMAL EXPERIMENTS/ AXONS, cytology/ AXONS, growth & development/ CAPILLARIES, cytology/ CAPILLARIES, growth & development/ GOLGI APPARATUS/ LYSOSOMES/ METHODS/ MICROSCOPY, ELECTRON/ NEUROSECRETION/ ORGANOIDS/ PITUITARY GLAND, POSTERIOR, anatomy & histology/ PITUITARY GLAND, POSTERIOR, blood supply/ PITUITARY GLAND, POSTERIOR, cytology/ *PITUITARY GLAND, POSTERIOR, growth & development/ PITUITARY GLAND, POSTERIOR, metabolism/ RATS/ SYNAPSES, cytology/ SYNAPSES, growth & development

3257. **Primachenko NB, Khanin ML, Grishina LI, et al:** Septikopiemicheskie formy pishchevykh sal'monellezov i opyt ikh lecheniia.
Sovet Med 32:112-5, Jun 69 (Rus)
ADOLESCENCE/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ JOINT DISEASES/ MALE/ MIDDLE AGE/ OSTEOPOROSIS/ *SALMONELLA FOOD POISONING, complications/ *SEPTICEMIA, drug therapy/ *SEROTHERAPY

3258. **Prince HN, Grunberg E:** Leukemia L 1210 homograft in Swiss mice: immunologic, cellular and chemotherapeutic responses.
J Immun 103:324-33, Aug 69
ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ AZATHIOPRINE, therapeutic use/ COMPLEMENT/ CORTISONE, therapeutic use/ HEMAGGLUTINATION TESTS/ HEMORRHAGE/ IMMUNOSUPPRESSIVE AGENTS/ *LEUKEMIA L1210/ LEUKEMIA L1210, drug therapy/ LEUKEMIA L1210, immunology/ LEUKEMIA L1210, pathology/ LEUKOCYTE COUNT/ LYMPH NODES, immunology/ MICE/ NECROSIS/ NEOPLASM TRANSPLANTATION/ NEUTRALIZATION TESTS/ PRECIPITIN TESTS/ SPLENECTOMY/ THYMECTOMY/ TRANSPLANTATION, HOMOLOGOUS/ TRANSPLANTATION IMMUNOLOGY

3259. **Pristautz H:** Zur Früherkennung der diabetischen Stoffwechsellage.
Wien Med Wschr 119:425-9, 7 Jun 69 (Ger)
ADOLESCENCE/ ADULT/ AGE FACTORS/ CHILD/ *CORTISONE, diagnostic use/ *DIABETES MELLITUS, diagnosis/ FEMALE/ *GLUCOSE TOLERANCE TEST/ HUMAN/ MALE/ MIDDLE AGE/ *TOLBUTAMIDE, diagnostic use

3260. **Pripva VG:** K metody opredeleniia pregnantriola.
Lab Delo 6:351-3, 1969 (Rus)
ABORTION, HABITUAL, urine/ ADRENAL GLAND DISEASES, urine/ ADRENAL GLAND NEOPLASMS, urine/ ADRENOGENITAL SYNDROME, urine/ FEMALE/ HUMAN/ METHODS/ MICROCHEMISTRY/ *PREGNANETRIOL, urine

3261. **Pronicka E:** Zaburzenia równowagi kwasowo-zasadowej w zapaleniu płuc u niemowląt z krzywicą.
Roczn Pom Akad Med Swierczewski 14:388-411, 1968 (Pol)
*ACIDOSIS, etiology/ *ACIDOSIS, RESPIRATORY, etiology/ ENGLISH ABSTRACT/ HUMAN/ INFANT/ *PNEUMONIA, complications/ *RICKETS, complications

3262. **Propp MV, Savchenko ON:** Izmenenie funktsii gipotalamo-gipofizarno-ovarial'noĭ sistemy u krys s postoiannoĭ tekhkoĭ.
Probl Endokr (Moskva) 13:106-11, May-Jun 67 (Rus)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *ESTRUS/ FSH, analysis/ FSH, blood/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, drug effects/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ LH, analysis/ LH, blood/ OVARY, cytology/ OVARY, drug effects/ *OVARY, physiology/ PITUITARY GLAND, analysis/ RATS/ TESTOSTERONE, pharmacodynamics

3263. **Propst A:** Zur Pathologie der Nebenniere.
Wien Klin Wschr 81:481-5, 27 Jun 69 (Ger)
*ADRENAL GLAND DISEASES, pathology/ ADRENAL GLAND NEOPLASMS, pathology/ ADRENAL GLAND NEOPLASMS, physiopathology/ ADRENAL GLANDS, physiopathology/ ADRENOGENITAL SYNDROME, physiopathology/ ADULT/ FEMALE/ HUMAN/ HYPERALDOSTERONISM, pathology/ HYPERALDOSTERONISM, physiopathology/ MALE/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ PHEOCHROMOCYTOMA, pathology/ PHEOCHROMOCYTOMA, physiopathology

3264. **Protasov BI:** O vliianii adrenalina i aminazine na sekretsiiu moloka.
Fiziol Zh SSSR Sechenov 54:631-7, May 68 (Rus)
ANIMAL EXPERIMENTS/ *CHLORPROMAZINE, pharmacodynamics/ ENGLISH ABSTRACT/ *EPINEPHRINE, pharmacodynamics/ FEMALE/ GOATS/ INJECTIONS, INTRAMUSCULAR/ *LACTATION, drug effects

3265. **Prudnikova RV:** Sutochnaia ékskretsiia adrenalina i noradrenalina pri tireotoskikoze.
Vrach Delo 6:84-7, Jun 69 (Rus)
ENGLISH ABSTRACT/ *EPINEPHRINE, urine/ HUMAN/ *HYPERTHYROIDISM, metabolism/ *NOREPINEPHRINE, urine/ TIME FACTORS

3266. **Przeździecki Z:** Zmiany biochemiczne zachodzące w narządach wewnętrznych zczurów pod wpl/ywem podawania pestycydów.
Roczn Panstw Zaki Hig 20:231-48, 1969 (Pol)
ANIMAL EXPERIMENTS/ *ANTIFUNGAL AGENTS, toxicity/ BODY WEIGHT, drug effects/ ENGLISH ABSTRACT/ FEMALE/ GLUCURONIDASE, blood/ 17-HYDROXYCORTICOSTEROIDS, urine/ 17-KETOSTEROIDS, urine/ *KIDNEY, drug effects/ *LIVER, drug effects/ *PESTICIDES, toxicity/ RATS/ SULFATASES, blood/ *UTERUS, drug effects

3267. **Przybylski A:** Effect of stimulation and coagulation of the midbrain reticular formation on the bronchial musculature; a modification of histamine susceptibility. J Neurovisc Relat 31:171-88, 1969
ANIMAL EXPERIMENTS/ BRONCHI, drug effects/ *BRONCHI, physiology/ DILATATION/ ELECTRIC STIMULATION/ FEMALE/ GUINEA PIGS/ HISTAMINE, pharmacodynamics/ MALE/ *MESENCEPHALON, physiology/ MUSCLE CONTRACTION/ *MUSCLE, SMOOTH, physiology/ PARASYMPATHETIC NERVOUS SYSTEM, physiology/ PITUITARY-ADRENAL SYSTEM, physiology/ *RETICULAR FORMATION, physiology/ SYMPATHETIC NERVOUS SYSTEM, physiology

3268. **Psychoyos A:** Action décidualisante de l'acide ribonucléique extrait d'endomètres décidualisés.
C R Acad Sci [D] (Paris) 268:3207-10, 30 Jun 69 (Fre)
ANIMAL EXPERIMENTS/ CASTRATION/ *DECIDUA, physiology/ ENDOMETRIUM, anatomy & histology/ *ENDOMETRIUM, drug effects/ FEMALE/ ORGAN WEIGHT/ PROGESTERONE, pharmacodynamics/ RATS/ RIBONUCLEASE/ *RNA, physiology/ *TISSUE EXTRACTS, pharmacodynamics

3269. **Puca GA, Bresciani F:** Association constant and specificity of oestradiol-receptor interaction.
Nature (London) 223:745-7, 16 Aug 69
ANIMAL EXPERIMENTS/ *BINDING SITES/ CATTLE/ CENTRIFUGATION, DENSITY GRADIENT/ *ESTRADIOL/ FEMALE/ IN VITRO/ MACROMOLECULAR SYSTEMS/ *RECEPTORS, DRUG/ TRITIUM/ UTERUS

3270. **Puzhailo VI, Kravets VM:** Travmaticheskiĭ svishch grudnogo protoka, osiozhnennyĭ napriazhennym khilotoraksom i tetrantel.
Klin Khir (Kiev) 2:81-3, Feb 67 (Rus)
ADULT/ CASE REPORT/ *CHYLOTHORAX, etiology/ *FISTULA, complications/ HUMAN/ MALE/ PRESSURE/ *TETANY, etiology/ *THORACIC DUCT

3271. **Pyrah LN:** John hunter and after: renal calculi and cancer of the bladder.
Ann Roy Coll Surg Eng 45:1-22, Jul 69
ANIMAL EXPERIMENTS/ BLADDER, cytology/ BLADDER, drug effects/ *BLADDER NEOPLASMS/ BLADDER NEOPLASMS, chemically induced/ BLADDER NEOPLASMS, history/ CALCIUM, urine/ CRYSTALLOGRAPHY/ GREAT BRITAIN/ HISTORICAL ARTICLE/ HISTORICAL BIOGRAPHY/ HISTORY OF MEDICINE, 18TH CENT./ HUMAN/ HYPERCALCEMIA, complications/ *KIDNEY CALCULI/ KIDNEY CALCULI, etiology/ KIDNEY CALCULI, history/ KIDNEY CALCULI, metabolism/ MICE/ MITOSIS/ NEOPLASMS, EXPERIMENTAL, chemically induced/ OCCUPATIONAL DISEASES/ OXALATES, urine/ PHOSPHATES, urine/ SULFONAMIDES, pharmacodynamics

3272. **Pyrig LA:** Pobochnoe deĭstvie dezoksikortikosteron-atsetata (DOKSA) pri lechenii iazvennoĭ bolezni. Vrach Delo 2:19-22, Feb 67 (Rus)
ADULT/ *DESOXYCORTICOSTERONE, adverse

effects/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *PEPTIC ULCER, drug therapy

3273. **Pyzhova IK, Turakulov IaKh, Ioffe KG:** Poluchenie tireoglobulina cheloveka i opredelenie v nem N-kontsevykh aminokislot.
Biokhimiia 34:392-7, Mar-Apr 69 (Rus)
ALANINE, analysis/ *AMINO ACIDS, analysis/ CHEMISTRY/ CHROMATOGRAPHY, PAPER/ ENGLISH ABSTRACT/ GLYCINE, analysis/ HUMAN/ PEPTIDES, analysis/ THIOCYANATES/ *THYROGLOBULIN/ THYROGLOBULIN, analysis

Q

3274. **Quarta AN, Bimonte D:** La nostra esperienza sull'impiego dell'adrenocromo monosemicarbazone in chirurgia.
Acta Anaesth (Padova) 18:955-63, Nov-Dec 67 (Ita)
*ADRENOCHROME, pharmacodynamics/ *CATECHOLAMINES, metabolism/ ELECTROCARDIOGRAPHY/ HUMAN/ SEMICARBAZIDES, pharmacodynamics/ *SHOCK, HEMORRHAGIC, prevention & control/ *SURGERY, OPERATIVE

3275. **Quay WB, Kappers JA, Jongkind JF:** Innervation and fluorescence histochemistry of monoamines in the pineal organ of a snake (Natrix natrix).
J Neurovisc Relat 31:11-25, 1968
ANIMAL EXPERIMENTS/ BRAIN, anatomy & histology/ *CATECHOLAMINES, analysis/ HISTOCYTOCHEMISTRY/ IPRONIAZID, pharmacodynamics/ METHODS/ MICROSCOPY, FLUORESCENCE/ PINEAL BODY, analysis/ PINEAL BODY, anatomy & histology/ *PINEAL BODY, innervation/ *SEROTONIN, analysis/ *SNAKES/ SPECIES SPECIFICITY

3276. **Quay WB, Renzoni A, Eakin RM:** [The ultrastructure of the pineal body in the parakeet Melopsittacus undulatus with special reference to cellular types and their functions] Riv Biol 61:371-93, Oct-Dec 68 (Mul)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ MICROSCOPY/ MICROSCOPY, ELECTRON/ *PINEAL BODY, anatomy & histology/ *PINEAL BODY, cytology/ *PSITTACINES, anatomy & histology

3277. **Queirazza G:** Determinazione di 131I in campioni d'acqua e biologici, mediante distillazione di liquidi immiscibili e assorbimento su carbone attivo.
Minerva Fisiconucl 12:222-6, Jul-Sep 68 (Ita)
ABSORPTION/ ANIMAL EXPERIMENTS/ COAL/ FISHES, analysis/ *IODINE ISOTOPES, analysis/ IODINE ISOTOPES, urine/ LIVER, analysis/ MEAT, analysis/ *PLANTS, analysis/ RABBITS/ *RADIOACTIVE FALLOUT/ THYROID GLAND, analysis/ WATER POLLUTION, RADIOACTIVE

3278. **Quinlan WJ Jr, Thomson RA:** In vitro resin sponge uptake test of T3 and T4 in animals and man.
Amer J Vet Res 30:1471-3, Aug 69
ANIMAL EXPERIMENTS/ DOGS, metabolism/ HUMAN/ IODINE, metabolism/ IODINE ISOTOPES/ *RESINS/ *THYROXINE, metabolism/ *TRIIODOTHYRONINE, metabolism

R

3279. **Raab W, Windisch J:** The influence of beta-methasone on antimicrobial activity of gentamicin.
Experientia 25:717-8, 1969
BACILLUS, drug effects/ *BETAMETHASONE, pharmacodynamics/ *GENTAMICIN, pharmacodynamics/ OXYGEN CONSUMPTION/ STAPHYLOCOCCUS, drug effects

3280. **Raab W, Windisch J:** Bakterienstoffwechsel und Corticosteroide.
Arch Klin Exp Derm 233:363-75, 1969 (Ger)
ENGLISH ABSTRACT/ FLUOCINOLONE ACETONIDE, metabolism/ FLUOCINOLONE ACETONIDE, pharmacodynamics/ *GLUCOCORTICOIDS, pharmacodynamics/ HYDROCORTISONE, metabolism/ HYDROCORTISONE, pharmacodynamics/ *OXYGEN CONSUMPTION/ PREDNISOLONE, metabolism/ PREDNISOLONE, pharmacodynamics/ PSEUDOMONAS AERUGINOSA, drug effects/ *PSEUDOMONAS AERUGINOSA, metabolism/ STAPHYLOCOCCUS, drug effects/ *STAPHYLOCOCCUS, metabolism

3281. **Raaymakers EL:** Een patiënte met struma baseos linguae en een branchiogene kyste.
Nederl T Geneesk 113:1496-9, 30 Aug 69 (Dut)
ADOLESCENCE/ *BRANCHIOMA, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *THYROID GLAND, abnormalities/ THYROID GLAND, embryology/ *TONGUE

3282. **Rabkin IKh, Belichenko IA, Matevosov AL, et al:** Znachenie briushnoĭ aortografii v diagnostike simptomaticheskoĭ gipertonii ékstrarenal'nogo proiskhozhdeniia. Kardiologiia 9:83-8, May 69 (Rus)
ADOLESCENCE/ ADRENAL GLAND NEOPLASMS, complications/ ADULT/ AORTA, ABDOMINAL, radiography/ AORTIC ANEURYSM, complications/ AORTIC COARCTATION, complications/ *AORTOGRAPHY/ ARTERIOSCLEROSIS, complications/ CHILD/ ENDOCRINE DISEASES, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERTENSION, etiology/ *HYPERTENSION, radiography/ MALE/ METHODS/ MIDDLE AGE/ PHEOCHROMOCYTOMA, complications

3283. **Rachocka J, Walczak M:** Zwężenie cieśni aorty jako jedna z przyczyn nadciśnienia tętniczego w zespole szczątkowych gonad.
Pol Tyg Lek 24:1120-2, 21 Jul 69 (Pol)
*AORTIC COARCTATION, complications/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERTENSION, etiology/ *TURNER'S SYNDROME, complications

3284. **Racouchot J, Doline:** Acné et chloasma provoqués par un traitement anticonceptionnel.
Bull Soc Franc Derm Syph 76:132, 1969 (Fre)
*ACNE, chemically induced/ ADULT/ CASE REPORT/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ *PIGMENTATION DISORDERS, chemically induced

3285. **Radó J, Borbély L, Szende L, et al:** Chlorpropamide antidiuresis. Lancet 2:433-4, 23 Aug 69
CHLORPROPAMIDE, administration & dosage/ *CHLORPROPAMIDE, therapeutic use/ *DIABETES INSIPIDUS, drug therapy/ DIABETES INSIPIDUS, etiology/ DIURESIS, drug effects/ GLOMERULAR FILTRATION RATE/ HUMAN/ INJECTIONS, INTRAVENOUS/ OSMOLAR CONCENTRATION/ VASOPRESSIN, metabolism

3286. **Radó JP, Bános C, Takó J, et al:** Renographic studies during furosemide diuresis in partial ureteral obstruction. Radiol Clin (Basel) 38:132-46, 1969
CASE REPORT/ *DIABETES INSIPIDUS, etiology/ DIAGNOSIS, DIFFERENTIAL/ *DIURESIS/ *FUROSEMIDE, diagnostic use/ HUMAN/ IODINE ISOTOPES/ KIDNEY FUNCTION TESTS/ MALE/ MIDDLE AGE/ RADIOISOTOPE RENOGRAPHY/ URETERAL OBSTRUCTION, complications/ *URETERAL OBSTRUCTION, radiography/ UROGRAPHY/ WATER-ELECTROLYTE BALANCE

3287. **Radoiu N, Zydeck FA, Wolf PL:** Inhibition of adrenal cortical hormones by an extract of lymphoid tissue.
Experientia 25:643-5, 15 Jun 69
*ADRENAL CORTEX HORMONES, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ CATTLE/ *CORTICOSTERONE, blood/ DEPRESSION, CHEMICAL/ FEEDBACK/ GLUCOCORTICOIDS, blood/ *HYDROCORTISONE, blood/ *17-HYDROXYCORTICOSTEROIDS, urine/ *17-KETOSTEROIDS, urine/ KIDNEY/ *LYMPH NODES, physiology/ *LYMPHOID TISSUE, physiology/ METYRAPONE, pharmacodynamics/ *PITUITARY-ADRENAL SYSTEM/ RABBITS/ TISSUE EXTRACTS, pharmacodynamics

3288. **Radu H, Stenzel K:** Beiträge zum Studium der pseudohypertrophischen Muskelkystrophien. II. Pseudohypertrophische Muskelkystrophie bei Mädchen.
Deutsch Z Nervenheilk 196:116-35, 1969 (Ger)
ADOLESCENCE/ ADULT/ ALANINE AMINOTRANSFERASE, blood/ ALDOLASE, blood/ BIOPSY/ CHILD/ CREATINE KINASE, blood/ ELECTROMYOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ LACTATE DEHYDROGENASE, blood/ MUSCULAR DYSTROPHY, enzymology/ *MUSCULAR DYSTROPHY, familial & genetic/ MUSCULAR DYSTROPHY, pathology/ PEDIGREE/ SEX CHROMATIN, analysis/ SEX FACTORS

3289. **Raeside JI:** The isolation of estrone sulfate and estradiol-17 beta sulfate from stallion testes.
Canad J Biochem 47:811-5, Aug 69
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHEMISTRY/ CHROMATOGRAPHY/ COUNTERCURRENT DISTRIBUTION/ DEXTRAN/ *ESTRADIOL, isolation & purification/ *ESTROGENIC SUBSTANCES, CONJUGATED, isolation & purification/ *ESTRONE, isolation & purification/ GEL FILTRATION/ GLUCURONATES, isolation & purification/ HORSES/ INFRARED RAYS/ METHODS/ SILICA/ SPECTROPHOTOMETRY/ SULFATES, isolation & purification/ *TESTIS, analysis/ TRITIUM

3290. **Raftery AT:** Enzyme histochemistry of the pars intermedia of ox pituitary gland.
J Anat 105:307-15, Sep 69
ACID PHOSPHATASE, analysis/ ADENOSINE TRIPHOSPHATASE/ ALKALINE PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ CATTLE/ CHOLINESTERASE, analysis/ CYTOCHROME OXIDASE, analysis/ ESTERASES, analysis/ FEMALE/ HISTOCYTOCHEMISTRY/ MALE/ PITUITARY GLAND, cytology/ *PITUITARY GLAND, enzymology/ SUCCINATE DEHYDROGENASE, analysis

3291. **Ragab MI, Sammour MB:** Sociomedical studies on 60,000 applicants for family planning.
Amer J Obstet Gynec 105:156-65, 15 Sep 69
ADNEXITIS, complications/ ADULT/ BIRTH RATE/ *CONTRACEPTION/ CONTRACEPTIVE DEVICES, utilization/ CONTRACEPTIVES, ORAL/ EGYPT/ *FAMILY PLANNING/ FEMALE/ HUMAN/ INTRAUTERINE DEVICES, adverse effects/ INTRAUTERINE DEVICES, utilization/ MENSTRUATION DISORDERS, complications/ PAIN, complications/ PREGNANCY/ SOCIAL CLASS/ UTERINE HEMORRHAGE, etiology/ UTERUS, injuries

3292. **Ragbeer MM, Singh SM:** Dysgerminoma of the ovary.
W Indian Med J 17:149-54, Sep 68
ADULT/ *DISGERMINOMA, pathology/ FEMALE/ HUMAN/ *OVARIAN NEOPLASMS, pathology

3293. **Raghunathan VS, Rao KS, Srinivasamurty S:** Polymyositis. J Indian Med Ass 52:336-8, 1 Apr 69
ADULT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ MUSCLES, pathology/ *MYOSITIS/ MYOSITIS, diagnosis/ MYOSITIS, drug therapy/ MYOSITIS, pathology/ PREDNISOLONE, therapeutic use/ SKIN, pathology

3294. **Raicu P, Kirillova M, Hamar M:** A new chromosomal sex-determining mechanism in Microtus arvalis Pallas. Genetica 40:97-102, 1969
ANIMAL EXPERIMENTS/ CHROMOSOME ABERRATIONS/ FEMALE/ KARYOTYPING/ MALE/ MEIOSIS/ MITOSIS/ RODENTS/ *SEX CHROMOSOMES/ *SEX DETERMINATION

3295. **Raisman G:** A comparison of the mode of termination of the hippocampal and hypothalamic afferents to the septal nuclei as revealed by electron microscopy of degeneration. Exp Brain Res 7:317-43, 1969
ANIMAL EXPERIMENTS/ AXONS/ DENDRITES/ *HIPPOCAMPUS, cytology/ *HYPOTHALAMUS, cytology/ LIMBIC SYSTEM, cytology/ MALE/ MICROSCOPY, ELECTRON/ NERVE DEGENERATION/ *NERVE ENDINGS, cytology/ NEUROFIBRILS/ RATS/ SYNAPSES

3296. **Raisz LG:** 25-hydroxycholecalciferol, the active form of vitamin D--Wisconsin scores again.
New Eng J Med 281:616-7, 11 Sep 69
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, drug effects/ BONE RESORPTION, drug effects/ *CALCIUM, metabolism/ CHOLECALCIFEROL, chem synthesis/ CHOLECALCIFEROL, isolation & purification/ *CHOLECALCIFEROL, pharmacodynamics/ VITAMIN D, analysis/ *VITAMIN D, metabolism/ WISCONSIN

3297. **Raĭtsis AB, Segal GP:** Metod opredeleniia serotonina v tsel'noĭ krovi i trombotsitakh u liudeĭ.
Lab Delo 2:72-3, 1969 (Rus)
*BLOOD PLATELETS, analysis/ HUMAN/ METHODS/ SEROTONIN, analysis/ *SEROTONIN, blood

3298. **Raj PP, Larard DG, Diba YT:** Acute epiglottitis in children. A respiratory emergency.
Brit J Anaesth 41:619-27, Jul 69
ADRENAL CORTEX HORMONES, therapeutic use/ AMPICILLIN, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ CHLORAMPHENICOL, therapeutic use/ *EPIGLOTTIS/ FEMALE/ HAEMOPHILUS, isolation & purification/ HUMAN/ INFANT/ INTUBATION, INTRATRACHEAL/ *LARYNGEAL DISEASES/ LARYNGEAL DISEASES, diagnosis/ LARYNGEAL DISEASES, microbiology/ LARYNGEAL DISEASES, mortality/ LARYNGEAL DISEASES, radiography/ LARYNGEAL DISEASES, therapy/ MALE/ RESPIRATION, ARTIFICIAL

3299. **Rajagopalan MS, Turner AB:** Steroid conjugates. I. Syntheses of 5-beta-pregnane-3-alpha,20-alpha-diol sulphates. J Chem Soc [Org] 14:1858-60, 1969
NUCLEAR MAGNETIC RESONANCE/ *PREGNANEDIOL/ *SULFATES, chem synthesis

3300. **Rajalakshmi M, Prasad MR, Mohla S:** Effect of estrogen and clomiphene on uterine sialic acid in the rat during delayed implantation.
Steroids 14:47-54, Jul 69
ANIMAL EXPERIMENTS/ CASTRATION/ *CLOMIPHENE, pharmacodynamics/ *ESTRADIOL, pharmacodynamics/ FEMALE/ *NEURAMINIC ACIDS, analysis/ NEURAMINIC ACIDS, metabolism/ NIDATION/ PROGESTERONE, pharmacodynamics/ RATS/ *UTERUS, analysis/ UTERUS, drug effects

3301. **Rajalakshmi M, Prasad MR:** Changes in sialic acid in the testis and epididymis of the rat during the onset of puberty. J Endocr 44:379-85, Jul 69
AGE FACTORS/ ANIMAL EXPERIMENTS/ *EPIDIDYMIS, analysis/ MALE/ *NEURAMINIC ACIDS, analysis/ ORGAN WEIGHT/ *PUBERTY/ RATS/ SPERMATOZOA, growth & development/ TESTIS/ *TESTIS, analysis/ TIME FACTORS/ VAS DEFERENS, analysis

3302. **Rall JE:** Recent advances in the diagnosis of the diseases of the thyroid.
Clin Chim Acta 25:339-44, Aug 69 (16 ref.)
CHROMATOGRAPHY, GAS/ COMPARATIVE STUDY/ ELECTROPHORESIS/ HUMAN/ IODINE, blood/ *IODINE ISOTOPES, DIAGNOSTIC/ ION EXCHANGE RESINS/ METHODS/ REVIEW/ *TECHNETIUM, diagnostic use/ THYROID DISEASES, diagnosis/ *THYROID GLAND FUNCTION TESTS/ *THYROXINE, blood/ THYROXINE, metabolism/ TIME FACTORS/ *TRIIODOTHYRONINE, blood/ TRIIODOTHYRONINE, metabolism

3303. **Rampini S:** Das Sanfilippo-Syndrom (polydystrophe Oligophrenia, HS-Mukopolysaccharidose). Bericht

uber 8 Falle und Literaturubersicht.
Helv Paediat Acta 24:55-91, Feb 69 (63 ref.) (Ger)
BODY HEIGHT/ BONE AND BONES, radiography/ BONE MARROW CELLS/ *CARBOHYDRATE METABOLISM, INBORN ERRORS, complications/ CASE REPORT/ CEREBROSPINAL FLUID, analysis/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ HEPATOMEGALY, etiology/ HUMAN/ INFANT/ INFANT, NEWBORN/ LYMPHOCYTES/ MALE/ *MENTAL DISORDERS, complications/ *MUCOPOLYSACCHARIDES, metabolism/ PSYCHOMOTOR DISORDERS, etiology/ REVIEW

3304. **Randow H**: Untersuchungen zur Frage der kontrazeptischen Wirkung niedriger Gestagendosen.
Deutsch Gesundh 23:2220-2, 21 Nov 68 (Ger)
ADULT/ *CHLORMADINONE, administration & dosage/ CHLORMADINONE, pharmacodynamics/ *CONTRACEPTIVES, ORAL, administration & dosage/ CONTRACEPTIVES, ORAL, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ HUMAN

3305. **Rankin JE, Faull WB, Cawley GD**: The production of lambs in autumn from a commercial flock in England.
Vet Rec 85:275-8, 6 Sep 69
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ *BREEDING/ COSTS AND COST ANALYSIS/ ENGLAND/ ESTRUS, drug effects/ FEMALE/ GONADOTROPINS, EQUINE, pharmacodynamics/ MEDROXYPROGESTERONE, pharmacodynamics/ PREGNANCY/ SEASONS/ *SHEEP

3306. **Rao AR, Sukumar MS, Kamalakshi S, et al**: Experimental variola in monkeys. I. Studies on disease enhancing property of cortisone in smallpox. A preliminary report.
Indian J Med Res 56:1855-65, Dec 68
ANIMAL EXPERIMENTS/ *CORTISONE/ FEMALE/ MONKEYS/ *SMALLPOX, chemically induced

3307. **Rao SR, Seshadri C**: Meiotic chromosomes in the male slender loris, Loris tardigradus lydekkarianus (Cabrera). Experientia 25:422-3, 15 Apr 69
ANIMAL EXPERIMENTS/ *CHROMOSOMES/ MALE/ MEIOSIS/ PRIMATES, classification/ *PRIMATES, cytology/ *SEX CHROMOSOMES/ TESTIS, cytology

3308. **Raoul Y, Le Bouich N, Gounelle JC, et al**: Sur la présence de calciférol dans les végétaux supérieurs.
Ann Nutr (Paris) 23:A41-2, 1969 (Fre)
CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ *ERGOCALCIFEROL, analysis/ GRASSES, analysis/ OILS, analysis/ *PLANTS, analysis/ SPECIES SPECIFICITY/ SPECTRUM ANALYSIS

3309. **Rapp JP**: Steroid secretion in vivo in rats bred for high and low juxtaglomerular granularity.
Endocrinology 85:909-15, Nov 69
ADRENAL GLANDS, blood supply/ *ADRENAL GLANDS, secretion/ *ALDOSTERONE, secretion/ ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CATHETERIZATION/ CHOLESTEROL, metabolism/ COMPUTERS, DIGITAL/ CYTOPLASMIC GRANULES/ *DESOXYCORTICOSTERONE, secretion/ GENETICS, BIOCHEMICAL/ *HYDROXYPROGESTERONE, secretion/ *JUXTAGLOMERULAR APPARATUS, cytology/ KIDNEY TUBULES/ RATS/ VEINS, surgery

3310. **Rappaport R**: Conduite a tenir en présence d'une avance staturale.
Ann Pediat (Paris) 14:530-1, Jun-Jul 67 (Fre)
*ACROMEGALY, therapy/ ADOLESCENCE/ *ADRENAL GLAND DISEASES, complications/ *ARACHNODACTYLY, therapy/ *BODY HEIGHT/ CHILD/ *GIGANTISM, therapy/ HUMAN

3311. **Rapport MM, Graf L**: Immunochemical reactions of lipids. Progr Allerg 13:273-331, 1969
ABO FACTORS/ ADENOCARCINOMA, immunology/ CELL MEMBRANE, analysis/ CEREBROSIDES/ GLYCOLIPIDS/ HAPTENS/ IMMUNE SERUMS/ *IMMUNOCHEMISTRY/ ISOANTIGENS/ *LIPIDS/ LIPIDS, analysis/ PHOSPHOLIPIDS/ RH FACTORS/ STEROIDS/ VITAMIN E

3312. **Rask JA**: Peri-arteritis retinalis segmentalis.
Acta Ophthal (Kobenhavn) 47:234-7, 1969
*ARTERITIS, chemically induced/ FEMALE/ HUMAN/ HYPOTHYROIDISM, drug therapy/ MIDDLE AGE/ *RETINAL VESSELS/ *THYROID HORMONES, adverse effects

3313. **Raskin AM**: Dinamika tsirkuliruiushchikh autoantitel posle operatsii po povodu éutireoidnogo uzlovogo i diffuznogo toksicheskogo zoba.
Probl Endokr (Moskva) 14:19-23, Nov-Dec 68 (Rus)
*AUTOANTIBODIES/ ENGLISH ABSTRACT/ FEMALE/ *GOITER, immunology/ *GOITER, surgery/ *GOITER, EXOPHTHALMIC, immunology/ HUMAN/ HYPERTHYROIDISM, immunology/ MALE

3314. **Rasmussen P**: Beinvevets rolle i kalsiumhomeostasen.
Norske Tannlaegeforen Tid 78:713-25, Dec 68 (Nor)
*BONE AND BONES, metabolism/ BONE RESORPTION/ CALCIFICATION, PHYSIOLOGIC/ CALCIUM, blood/ *CALCIUM, metabolism/ EDTA, pharmacodynamics/ HOMEOSTASIS/ INTESTINAL ABSORPTION, drug effects/ *PARATHYROID HORMONE, physiology/ *THYROCALCITONIN, physiology/ *VITAMIN D, pharmacodynamics

3315. **Rassner G**: Untersuchungen zum Stoffwechsel der Epidermiszellen bei Acanthosen. II. Vergleichende enzymbiochemische Untersuchungen bei Acanthosen.
Arch Klin Exp Derm 233:430-8, 1969 (Ger)
ALCOHOL OXIDOREDUCTASES, analysis/ DERMATITIS MEDICAMENTOSA, enzymology/ DERMATITIS MEDICAMENTOSA, etiology/ ENGLISH ABSTRACT/ HUMAN/ HYPERPLASIA, enzymology/ ISOMERASES, analysis/ OXIDOREDUCTASES, analysis/ PETROLEUM, adverse effects/ PSORIASIS, enzymology/ RADIODERMATITIS, enzymology/ *SKIN, enzymology/ *SKIN DISEASES, enzymology/ TESTOSTERONE, adverse effects/ TRANSFERASES, analysis

3316. **Rath F, Waldhäusl W**: Untersuchungen zum Nachweis des hypophysären Minderwuchses.
Helv Paediat Acta 24:311-22, Jun 69 (Ger)
ADOLESCENCE/ BLOOD SUGAR, analysis/ CHILD/ CHILD, PRESCHOOL/ DIAGNOSIS, DIFFERENTIAL/ *DWARFISM, PITUITARY, diagnosis/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INSULIN, blood/ INSULIN, diagnostic use/ MALE/ METHODS/ METYRAPONE, diagnostic use/ SOMATOTROPIN, blood/ TOLBUTAMIDE, diagnostic use

3317. **Ratner GL, Chernyshev VN**: Napraviennaia metodika obsledovaniia bol'nykh arterial'noi gipertonieі.
Kardiologiia 8:120-5, Sep 68 (Rus)
ADRENAL GLAND HYPERFUNCTION, diagnosis/ AORTIC COARCTATION, diagnosis/ AORTOGRAPHY/ ARTERIES/ BLOOD PRESSURE/ HUMAN/ *HYPERTENSION, etiology/ METHODS/ PHEOCHROMOCYTOMA, diagnosis/ *PHYSICAL EXAMINATION/ PITUITARY-ADRENAL FUNCTION TESTS/ RADIOISOTOPE RENOGRAPHY/ RENAL ARTERY OBSTRUCTION, diagnosis/ UROGRAPHY

3318. **Ratsimamanga AR, Monval MM, Diot J**: Effet de la testostérone incorporée dans l'alimentation, chez le rat mâle prépubère carencé ou non en vitamines.
J Physiol (Paris) 60:Suppl 2:526-7, 1968 (Fre)
ANIMAL EXPERIMENTS/ *AVITAMINOSIS, metabolism/ *DIET/ MALE/ *PUBERTY/ RATS/ TESTIS, growth & development/

*TESTOSTERONE, pharmacodynamics/ THYMUS GLAND, growth & development

3319. **Rau R: Erfahrungen mit einer Kombination von Phenylbutazon mit Isopyrin und Prednisolon in der Behandlung der rheumatoiden Arthritis.**
Med Welt 36:1976-81, 6 Sep 69 (Ger)
ADULT/ *ARTHRITIS, RHEUMATOID, drug therapy/ DRUG SYNERGISM/ FEMALE/ HUMAN/ *ISONIAZID, therapeutic use/ MALE/ MIDDLE AGE/ *PHENYLBUTAZONE, therapeutic use/ *PREDNISOLONE, therapeutic use

3320. **Rausch-Stroomann JG, Petry R: Die Wirkungsweise intramuskulär zugeführter Depot-Steroide, untersucht am beispiel von Paramethason-acetat.**
Arzneimittelforschung 19:767-9, May 69 (Ger)
CARBON ISOTOPES/ ENGLISH ABSTRACT/ HUMAN/ HYDROCORTISONE, blood/ INJECTIONS, INTRAMUSCULAR/ METHODS/ *PARAMETHASONE, pharmacodynamics/ PARAMETHASONE, therapeutic use/ RADIOISOTOPE SCANNING/ SKIN DISEASES, drug therapy/ TIME FACTORS/ TRITIUM

3321. **Rautenberg HW: Pharmakodynamische Phonokardiographie.**
Deutsch Med Wschr 94:1750-2, 29 Aug 69 (Ger)
ADULT/ *AMYL NITRITE, diagnostic use/ *ANTIHYPERTENSIVE AGENTS, diagnostic use/ CATECHOL, diagnostic use/ CHILD/ DIAGNOSIS, DIFFERENTIAL/ EPINEPHRINE, diagnostic use/ HEART, drug effects/ *HEART DEFECTS, CONGENITAL, diagnosis/ *HEART DISEASES, diagnosis/ HUMAN/ MEPHENTERMINE, diagnostic use/ METHODS/ METHOXAMINE, diagnostic use/ NOREPINEPHRINE, diagnostic use/ ORCIPRENALINE, diagnostic use/ PHENOLS, diagnostic use/ PHENYLEPHRINE, diagnostic use/ *PHONOCARDIOGRAPHY/ PROPYLAMINES, diagnostic use/ SEROTONIN, diagnostic use/ *SYMPATHOMIMETICS, diagnostic use

3322. **Rauvalcaba RH, Ferrier PE, Thuline HC: Incidence of goiter in patients with Down's syndrome.**
Amer J Dis Child 118:451-3, Sep 69
ADOLESCENCE/ ADULT/ FEMALE/ *GOITER, complications/ GOITER, EXOPHTHALMIC, complications/ HUMAN/ HYPERTHYROIDISM, complications/ MALE/ *MONGOLISM, complications

3323. **Ravina A: Lymphome de Burkitt et leucémies aiguës.**
Presse Med 77:245-6, 8 Feb 69 (Fre)
ACUTE DISEASE/ ANIMAL EXPERIMENTS/ ASPARAGINASE, therapeutic use/ *BURKITT'S LYMPHOMA/ *BURKITT'S LYMPHOMA, drug therapy/ BURKITT'S LYMPHOMA, etiology/ BURKITT'S LYMPHOMA, immunology/ CHILD/ CYCLOPHOSPHAMIDE, therapeutic use/ CYTARABINE, therapeutic use/ DACTINOMYCIN, therapeutic use/ DAUNOMYCIN, therapeutic use/ FLUOROURACIL, therapeutic use/ HUMAN/ *LEUKEMIA/ *LEUKEMIA, drug therapy/ LEUKEMIA, etiology/ LEUKEMIA, familial & genetic/ LEUKEMIA, immunology/ MELPHALAN, therapeutic use/ MERCAPTOPURINE, therapeutic use/ METHOTREXATE, therapeutic use/ MICE/ ONCOGENIC VIRUSES/ PREDNISOLONE, therapeutic use/ PREDNISONE, therapeutic use/ REVIEW/ VINCRISTINE, therapeutic use

3324. **Rawson RO, Quick KP, Coughlin RF: Thermoregulatory responses to intra-abdominal heating of sheep.**
Science 165:919-20, 29 Aug 69
*ABDOMEN, physiology/ ANIMAL EXPERIMENTS/ *BODY TEMPERATURE REGULATION/ *HEAT/ HYPOTHALAMUS, pathology/ RECEPTORS, NEURAL/ SHEEP/ SKIN, physiology

3325. **Ray AK: A pedigree of osteogenesis imperfecta.**
J Genet Hum 17:69-74, May 69
ADULT/ AGED/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ OSTEOGENESIS IMPERFECTA, classification/ *OSTEOGENESIS IMPERFECTA, familial & genetic/ PEDIGREE

3326. **Raymond JP: Etats d'antidiurèse avec hyponatrémie au cours des hypothyroidies.**
Presse Med 76:2377-8, 21 Dec 68 (Fre)
BLOOD UREA NITROGEN/ DIET, SALT-FREE, adverse effects/ GLOMERULAR FILTRATION RATE/ HUMAN/ HYDROCORTISONE, therapeutic use/ HYPONATREMIA, drug therapy/ *HYPONATREMIA, etiology/ HYPOTHYROIDISM, complications/ HYPOTHYROIDISM, metabolism/ *HYPOTHYROIDISM, metabolism/ *MYXEDEMA, physiopathology/ NATRIURESIS/ OSMOLAR CONCENTRATION/ SODIUM CHLORIDE, therapeutic use/ TRIIODOTHYRONINE, administration & dosage/ WATER, metabolism/ WATER DEPRIVATION/ WATER-ELECTROLYTE BALANCE/ WATER INTOXICATION, diagnosis/ *WATER INTOXICATION, etiology

3327. **Raynaud G, Ducrocq J, Raoul Y: Influence de la stimulation acoustique sur l'activité motrice et sur l'activité corticosurrénalienne de la souris.**
J Physiol (Paris) 60:523-42, Nov-Dec 68 (Fre)
ADRENAL GLANDS, metabolism/ *ADRENAL GLANDS, physiology/ ANIMAL EXPERIMENTS/ ASCORBIC ACID, metabolism/ ENGLISH ABSTRACT/ FEMALE/ MALE/ MICE/ *MOTOR ACTIVITY/ *SOUND/ TIME FACTORS

3328. **Raynaud J, Atanasiu P, Barreau C, et al: Adaptation d'un virus cytomégalique provenant du mulot (Apodemus sylvaticus) sur différentes cellules hétéroloques, y compris les cellules humaines.**
C R Acad Sci [D] (Paris) 269:104-6, 7 Jul 69 (Fre)
AGING/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ CELL LINE/ CORTISONE, pharmacodynamics/ *CYTOMEGALOVIRUSES, pathogenicity/ CYTOPATHOGENIC EFFECT, VIRAL/ HAMSTERS/ KIDNEY/ MICE/ MONKEYS/ TISSUE CULTURE

3329. **Raynaud-Jammet C, Baulieu EE: Action de l'oestradiol in vitro: augmentation de la biosynthèse d'acide ribonucléique dnas les noyaux utérins.**
C R Acad Sci [D] (Paris) 268:3211-4, 30 Jun 69 (Fre)
ANIMAL EXPERIMENTS/ CATTLE/ CELL NUCLEUS, drug effects/ *CELL NUCLEUS, metabolism/ CYTOPLASM, drug effects/ CYTOPLASM, metabolism/ CYTOSINE NUCLEOTIDES, metabolism/ DACTINOMYCIN, pharmacodynamics/ ENDOMETRIUM, drug effects/ ENDOMETRIUM, metabolism/ *ESTRADIOL, pharmacodynamics/ FEMALE/ HEAT/ IN VITRO/ KINETICS/ *RNA, biosynthesis/ TRITIUM/ UTERUS, drug effects/ *UTERUS, metabolism

3330. **Rayyis SS, Bethune JE: Radioimmunoassayable ACTH in dexamethasone nonsuppressible Cushing's syndrome.**
J Clin Endocr 29:1231-7, Sep 69
ADRENAL GLAND HYPERFUNCTION, complications/ ADULT/ CHEMISTRY, CLINICAL/ *CORTICOTROPIN, blood/ CORTICOTROPIN, secretion/ *CUSHING'S SYNDROME, physiopathology/ *DEXAMETHASONE, diagnostic use/ FEEDBACK/ FEMALE/ GLUCOCORTICOIDS, urine/ HUMAN/ HYDROCORTISONE, pharmacodynamics/ HYPERPLASIA/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiopathology/ METYRAPONE, diagnostic use/ PITUITARY-ADRENAL SYSTEM/ RADIOIMMUNOASSAY

3331. **Razzaboni G, Setti L, Vitolo A: Azione cardiaca dei beta-bloccanti. IV. Confronto tra la capacità del propanololo e del L-(4-nitrofenil)-2-isopropil-amino-etanolo di prevenire gli effetti elettrocardiografici nel ratto della iniezione endovenosa di pitressina.**
Boll Soc Ital Biol Sper 44:1318-9, 31 Aug 68 (Ita)
ANIMAL EXPERIMENTS/ *HEART, drug

effects/ *NITROPHENOLS, pharmacodynamics/ *PROPRANOLOL, pharmacodynamics/ RATS/ *RESORCINOL, pharmacodynamics/ *SYMPATHOLYTICS, pharmacodynamics/ *VASOPRESSIN, pharmacodynamics

3332. **Rebattu JP**: Anosmie et cortisone.
J Franc Otorhinolaryng 16:345-6, May 67 (Fre)
*ANOSMIA, drug therapy/ BETAMETHASONE, therapeutic use/ CASE REPORT/ *CHLORPHENIRAMINE, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE

3333. **Rebert CS, Irwin DA**: Slow potential changes in cat brain during classical appetitive and aversive conditioning of jaw movement.
Electroenceph Clin Neurophysiol 27:152-61, Aug 69
ANIMAL EXPERIMENTS/ *APPETITIVE BEHAVIOR/ CATS/ *CEREBRAL CORTEX, physiology/ CONDITIONING, CLASSICAL/ *CONDITIONING (PSYCHOLOGY)/ EVOKED POTENTIALS/ GENICULATE BODIES, physiology/ GYRUS CINGULI, physiology/ HYPOTHALAMUS, physiology/ *JAW, physiology/ MOTOR ACTIVITY/ REFLEX, CONDITIONED/ THALAMUS, physiology

3334. **Reboul J, Caille JM, Bellet M, et al**: Traitement des hyperthyroidies basedowiennes par doses protractées d'iode radioactif.
Sem Hop Paris 45:1884-94, 8 Jun 69 (Fre)
ENGLISH ABSTRACT/ FEMALE/ *GOITER, EXOPHTHALMIC, radiotherapy/ HUMAN/ *HYPERTHYROIDISM, radiotherapy/ *IODINE ISOTOPES, administration & dosage/ LONG TERM CARE/ MIDDLE AGE/ MYXEDEMA, etiology/ RADIATION INJURY/ THYROID GLAND, pathology/ THYROID GLAND, radiation effects/ THYROXINE

3335. **Recchioni F, Cerutti M**: L'aldosterone nello shock traumatico. Acta Chir Ital 23:731-40, Nov-Dec 67 (Ita)
ADULT/ AGED/ ALDOSTERONE, administration & dosage/ *ALDOSTERONE, therapeutic use/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PREDNISOLONE, therapeutic use/ SHOCK, etiology/ *SHOCK, TRAUMATIC, drug therapy/ SHOCK, TRAUMATIC, etiology

3336. **Reed GF, Camp HL**: Upper airway problems in severely burned patients. Ann Otol 78:741-50, Aug 69 (16 ref.)
AIR POLLUTION/ ANTIBIOTICS, administration & dosage/ *BURNS, complications/ BURNS, pathology/ HUMAN/ HUMIDITY/ INTUBATION, INTRATRACHEAL/ LARYNGOSCOPY/ NOSE/ OXYGEN INHALATION THERAPY/ PNEUMONIA, therapy/ POSITIVE-PRESSURE RESPIRATION/ PROGNOSIS/ PULMONARY EDEMA, therapy/ RESPIRATORY INSUFFICIENCY, therapy/ RESPIRATORY TRACT DISEASES, diagnosis/ *RESPIRATORY TRACT DISEASES, etiology/ REVIEW/ SEPTICEMIA, prevention & control/ STEROIDS, therapeutic use/ TRACHEOTOMY

3337. **Reed HC**: Application of controlled ovulation in the artificial insemination of pigs. Vet Rec 85:271, 6 Sep 69
FEMALE/ FERTILITY, drug effects/ FSH, pharmacodynamics/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ *INSEMINATION, ARTIFICIAL/ *OVULATION, drug effects/ PROPYLAMINES, pharmacodynamics/ SEMICARBAZIDES, pharmacodynamics/ SWINE

3338. **Reed WA, Crosby IK**: Intra-abdominal homologous heart transplantation.
Proc Soc Exp Biol Med 131:1357-8, Sep 69
ABDOMEN/ ANIMAL EXPERIMENTS/ ANTILYMPHOCYTE SERUM, therapeutic use/ AZATHIOPRINE, therapeutic use/ DOGS/ *HEART, transplantation/ METHODS/ MODELS, BIOLOGIC/ STEROIDS, therapeutic use/ *TRANSPLANTATION, HOMOLOGOUS

3339. **Reeve CE, Martin DC, Gonick HC, et al**: Kidney transplantation. A comparison of results using cadaver and related living donors.
Amer J Med 47:410-20, Sep 69
ADULT/ AGE FACTORS/ AGED/ BLOOD PRESSURE/ *CADAVER/ CATARACT, chemically induced/ COMPARATIVE STUDY/ CREATININE, blood/ CUSHING'S SYNDROME, etiology/ DIABETES MELLITUS, chemically induced/ DIURESIS/ FEMALE/ GLOMERULONEPHRITIS, surgery/ HEMATOCRIT/ HEPATITIS, etiology/ HISTOCOMPATIBILITY/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ INFECTION, complications/ *KIDNEY, transplantation/ KIDNEY, POLYCYSTIC, surgery/ MIDDLE AGE/ OBESITY, chemically induced/ POSTOPERATIVE COMPLICATIONS/ PREGNANCY/ PREGNANCY COMPLICATIONS/ PYELONEPHRITIS, surgery/ TIME FACTORS/ *TISSUE DONORS/ TRANSPLANTATION, HOMOLOGOUS

3340. **Reichlin S**: Pituitary regulation by the hypothalamus: functions of the median eminence gland.
Conn Med 33:369-78, Jun 69
ANIMAL EXPERIMENTS/ FEMALE/ HAMSTERS/ HUMAN/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM/ MALE/ MONKEYS/ *PITUITARY HORMONES, ANTERIOR, physiology/ RABBITS/ RATS

3341. **Reinwein D, Miss H, Horster FA, et al**: Late results of fractionated radioiodine therapy. Follow-up studies of hyperthyroidism after 2 to 11 years.
German Med Monthly 14:234-8, May 69
ADULT/ AGED/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ *HYPERTHYROIDISM, radiotherapy/ *IODINE ISOTOPES, therapeutic use/ MALE/ METHODS/ RADIOTHERAPY DOSAGE/ TIME FACTORS

3342. **Reis DJ, Moorhead D, Wooten GF**: Differential regulation of blood flow to red and white muscle in sleep and defense behavior.
Amer J Physiol 217:541-6, Aug 69
ANIMAL EXPERIMENTS/ CARDIAC OUTPUT/ CATS/ CORONARY VESSELS/ *HOSTILITY/ HYPOTHALAMUS/ METHODS/ *MUSCLES, blood supply/ RADIOISOTOPES/ *REGIONAL BLOOD FLOW/ RUBIDIUM/ *SLEEP/ SLEEP, REM

3343. **Reisert PM, Mühlen A von zur**: Untersuchungen über die Gonaden- und Nebennierenrindenfunktion unter einer Gestagen-Therapie (Chlormadinonacetat)
Arzneimittelforschung 19:1279-83, Aug 69 (Ger)
ADRENAL CORTEX HORMONES, blood/ ADRENAL CORTEX HORMONES, urine/ *ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, physiology/ ANDROGENS, biosynthesis/ *CHLORMADINONE, pharmacodynamics/ CORTICOTROPIN/ DEPRESSION, CHEMICAL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ 17-KETOSTEROIDS, urine/ LEYDIG CELLS, drug effects/ MALE/ *OVARY, drug effects/ *TESTIS, drug effects

3344. **Reisner H, Jaklitsch H, Weissel W**: Zerebrale Durchblutungsstörungen nach Gebrauch von Ovulationshemmern.
Wien Med Wschr 119:575-8, 16 Aug 69 (Ger)
ADULT/ BLOOD COAGULATION TESTS/ CEREBRAL ANGIOGRAPHY/ *CEREBROVASCULAR DISORDERS, chemically induced/ CEREBROVASCULAR DISORDERS, complications/ *CONTRACEPTIVES, ORAL, adverse effects/ ELECTROENCEPHALOGRAPHY/ FEMALE/ HEMIPLEGIA, etiology/ HUMAN

3345. **Reissenweber NJ, Decaro J**: Dichroism with congo red. A specific test for amyloid?
Virchow Arch [Path Anat] 347:254-9, 1969
ADULT/ *AMYLOID, analysis/ ANIMAL EXPERIMENTS/ ASTHMA, metabolism/ BIREFRINGENCE/ BONE AND BONES, analysis/ BRAIN CHEMISTRY/ *CONGO RED/ CRYPTORCHISM, metabolism/ FETUS/ HERMAPHRODITISM, metabolism/ HISTOCYTOCHEMISTRY/ HUMAN/ KIDNEY, analysis/ LUNG, analysis/ MALE/ METHODS/ MULTIPLE MYELOMA, metabolism/ PROSTATE, analysis/ PROSTATIC

NEOPLASMS, metabolism/ RATS/ *STAINS AND STAINING/ TESTIS, analysis

3346. **Reisz G:** Eine vereinfachte Methode zur Bestimmung des butanolextrahierbaren Jods (BEJ)
Z Med Labortechn 9:282-8, 1968 (Ger)
ALCOHOLS/ CERIUM, analysis/ ENGLISH ABSTRACT/ *IODINE, analysis/ OXIDATION-REDUCTION

3347. **Reiter RJ:** Growth of the endocrine organs of female hamsters blinded at 25 days of age.
Experientia 25:751-2, 1969
ANIMAL EXPERIMENTS/ *BLINDNESS, physiopathology/ *ENDOCRINE GLANDS, growth & development/ EYE, physiology/ FEMALE/ HAMSTERS/ *LIGHT/ ORGAN WEIGHT/ PINEAL BODY, physiology/ *PUBERTY/ UTERUS, growth & development/ VISION

3348. **Reiter RJ:** Stratified squamous metaplasia of the uterine epithelium in early androgen-treated rats and its inhibition by light deprivation.
Anat Rec 164:479-87, Aug 69
ANIMAL EXPERIMENTS/ BODY WEIGHT/ EPITHELIUM, drug effects/ FEMALE/ INJECTIONS, SUBCUTANEOUS/ LIGHT/ METAPLASIA, chemically induced/ METHODS/ ORGAN WEIGHT/ OVARY, pathology/ OVARY, physiology/ PINEAL BODY, physiology/ RATS/ *TESTOSTERONE, pharmacodynamics/ *UTERUS, drug effects/ UTERUS, pathology/ VAGINAL SMEARS/ VISION

3349. **Reiter RJ, Klein DC, Donofrio RJ:** Preliminary observations on the reproductive effects of the pineal gland in blinded, anosmic male rats.
J Reprod Fertil 19:563-5, Aug 69
ANIMAL EXPERIMENTS/ *ANOSMIA/ *BLINDNESS/ BODY WEIGHT/ GENITALIA, MALE, growth & development/ MALE/ ORGAN WEIGHT/ *PINEAL BODY, physiology/ RATS/ *REPRODUCTION/ TESTIS, growth & development

3350. **Religa Z:** "Wstrzas androgenowy" w leczeniu raka gruczolu krokowego.
Pol Przegl Chir 41:Suppl 4a:534+, 1969 (Pol)
CLINICAL RESEARCH/ ENGLISH ABSTRACT/ ESTROGENS, pharmacodynamics/ ESTROGENS, therapeutic use/ HUMAN/ MALE/ *PROSTATIC NEOPLASMS, drug therapy/ TESTOSTERONE, pharmacodynamics/ *TESTOSTERONE, therapeutic use

3351. **Relkin R:** Effect of endocrines on central nervous system. I.
New York J Med 69:2133-45, 1 Aug 69 (109 ref.)
*ADRENAL GLAND HYPERFUNCTION, physiopathology/ *ADRENAL GLAND HYPOFUNCTION, physiopathology/ ANIMAL EXPERIMENTS/ APPETITE/ BEHAVIOR/ BODY TEMPERATURE REGULATION/ BRAIN, physiopathology/ CENTRAL NERVOUS SYSTEM, metabolism/ *CENTRAL NERVOUS SYSTEM, physiopathology/ DOGS/ DRUG HYPERSENSITIVITY/ ELECTROPHYSIOLOGY/ FEMALE/ HUMAN/ MALE/ MICE/ MONKEYS/ MOTOR ACTIVITY/ NEURAL TRANSMISSION/ PSYCHOLOGY/ RABBITS/ RATS/ REVIEW/ SENSATION

3352. **Relkin R:** Effect of endocrines on central nervous system. II.
New York J Med 69:2248-65, 15 Aug 69 (279 ref.)
ANIMAL EXPERIMENTS/ *CENTRAL NERVOUS SYSTEM, physiology/ CENTRAL NERVOUS SYSTEM, physiopathology/ *ENDOCRINE GLANDS, physiology/ FEMALE/ FROGS/ GONADS, physiology/ GUINEA PIGS/ HUMAN/ HYPERPARATHYROIDISM, physiopathology/ HYPERTHYROIDISM, physiopathology/ HYPOPARATHYROIDISM, physiopathology/ HYPOTHYROIDISM, physiopathology/ MALE/ MONKEYS/ PANCREAS, physiology/ PARATHYROID GLANDS, physiology/ PINEAL BODY, physiology/ PITUITARY GLAND, physiology/ PSEUDOHYPOPARATHYROIDISM, physiopathology/ RATS/ REVIEW

3353. **Renaud S:** The recalcification plasma clotting time. A valuable general clotting test in man and rats.
Canad J Physiol Pharmacol 47:689-93, Aug 69
ANIMAL EXPERIMENTS/ BLOOD CELL COUNT/ BLOOD CHEMICAL ANALYSIS/ *BLOOD COAGULATION TESTS/ BLOOD PLATELETS, analysis/ CALCIFICATION, PHYSIOLOGIC/ CHOLESTEROL, blood/ DRUG STORAGE/ ENDOTOXINS/ FIBRINOGEN, analysis/ HEPATIC VEIN THROMBOSIS, blood/ HEPATIC VEIN THROMBOSIS, chemically induced/ HUMAN/ MENSTRUATION/ METHODS/ RATS/ SALMONELLA TYPHOSA/ TEMPERATURE

3354. **Renger F:** Immunologische Probleme bei Lebereerkrankungen.
Z Ges Inn Med 24:Suppl:120-3, 15 Apr 69 (Ger)
ADOLESCENCE/ *ANTIBODIES, analysis/ ANTINUCLEAR FACTORS, analysis/ CRYOGLOBULINS, analysis/ FEMALE/ GAMMA GLOBULIN, 7S, analysis/ GAMMA GLOBULIN, 19S, analysis/ *GLUCOCORTICOIDS, therapeutic use/ HUMAN/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ LIVER DISEASES, immunology/ RHEUMATOID FACTOR, analysis

3355. **Renovanz HD, Krishnabhakdi C:** Kortikosteroid- und antibiotikahltige Augentropfen. Eine Literaturubersicht.
Med Welt 18:1084-90, 3 May 69 (60 ref.) (Ger)
ANIMAL EXPERIMENTS/ *ANTIBIOTICS, therapeutic use/ BLEPHARITIS, drug therapy/ CHLORAMPHENICOL, therapeutic use/ CONJUNCTIVITIS, drug therapy/ CORTISONE, therapeutic use/ *EYE DISEASES, drug therapy/ GLUCOCORTICOIDS, adverse effects/ *GLUCOCORTICOIDS, therapeutic use/ HUMAN/ IRITIS, drug therapy/ KANAMYCIN, therapeutic use/ *OPHTHALMIC SOLUTIONS, therapeutic use/ POLYMYXIN, therapeutic use/ RABBITS/ REVIEW/ STREPTOMYCIN, therapeutic use/ TETRACYCLINE, therapeutic use

3356. **Renzoni A:** Osservazioni comparative sull'epifisi degli Strigiformi ed ordini affini.
Arch Ital Anat Embriol 73:321-36, 1968 (Ita)
ANATOMY, COMPARATIVE/ ANIMAL EXPERIMENTS/ *BIRDS, anatomy & histology/ ENGLISH ABSTRACT/ *PINEAL BODY, anatomy & histology/ PINEAL BODY, embryology

3357. **Reschke T:** Die Gamone aus Blakeslea trispora. Zur Struktur der Sexualstoffe aus Mucoraceen. I. Mitt.
Tetrahedron Lett 39:3435-9, Aug 69 (Ger)
CHEMISTRY/ CHROMATOGRAPHY/ NUCLEAR MAGNETIC RESONANCE/ *PHYCOMYCETES/ *SEX HORMONES/ SPECTROPHOTOMETRY

3358. **Retzke, Schwarz R:** Das Herz-Kreislaufsystem beim Diabetes insipidus und seine Beeinflussung durch die Schwangerschaft.
Z Ges Inn Med 24:198-204, 1 Apr 69 (Ger)
ADULT/ BLOOD VOLUME/ BLOOD VOLUME DETERMINATION/ CARDIAC OUTPUT/ *CARDIOVASCULAR SYSTEM, physiopathology/ *DIABETES INSIPIDUS, blood/ ENGLISH ABSTRACT/ FEMALE/ HEART RATE/ HUMAN/ INJECTIONS, INTRAVENOUS/ KIDNEY DISEASES, blood/ PREGNANCY/ *PREGNANCY COMPLICATIONS, HEMATOLOGIC/ PUERPERAL DISORDERS, complications/ VASCULAR RESISTANCE/ VASOPRESSIN, pharmacodynamics

3359. **Retzlaff AE, Castaldi CR:** Recent knowledge of the dental pulp and its application to clinical practice.
J Prosth Dent 22:449-57, Oct 69 (25 ref.)
ADRENAL CORTEX HORMONES, therapeutic use/ ANIMAL EXPERIMENTS/ CALCIUM HYDROXIDE, therapeutic use/ CRESOLS, therapeutic use/ *DENTAL PULP/ DENTAL

PULP CAPPING/ DENTAL PULP DISEASES, drug therapy/ DENTAL PULP EXPOSURE/ GERM-FREE LIFE/ HUMAN/ PULPOTOMY/ RATS/ REVIEW/ WOUND HEALING

3360. **Reuber MD, Glover EL:** Thyroiditis in Buffalo strain rats ingesting 7,12-dimethylbenz(a)anthracene.
Experientia 25:753, 1969
ANIMAL EXPERIMENTS/ *BENZANTHRACENES/ BODY WEIGHT/ FEMALE/ MALE/ ORGAN WEIGHT/ RATS/ *THYROIDITIS, chemically induced

3361. **Reupricht G:** Kasuistischer Beitrag über ein Riesenovarialkystom.
Z Aerztl Fortbild (Jena) 63:514-5, 1 May 69 (Ger)
ADULT/ *CYSTADENOMA, diagnosis/ FEMALE/ HUMAN/ *OVARIAN NEOPLASMS, diagnosis

3362. **Reuter H, Linker H:** The effect of urea on aggregation and incubation resistance of human platelets.
Thromb Diath Haemorrh 21:403-8, 15 Jun 69
*BLOOD PLATELETS, drug effects/ BLOOD PROTEINS/ CALCIUM, metabolism/ EDTA/ HUMAN/ MICROSCOPY, PHASE CONTRAST/ PHOTOMETRY/ PLATELET ADHESIVENESS/ TEMPERATURE/ *UREA, pharmacodynamics

3363. **Revaz C, Isler G:** Le traitement actuel des tumeurs trophoblastiques.
Gynaecologia (Basel) 167:399-404, 1969 (Fre)
ANTINEOPLASTIC AGENTS, therapeutic use/ CHORIOADENOMA, therapy/ CHORIOCARCINOMA, therapy/ CURETTAGE/ FEMALE/ GONADOTROPINS, CHORIONIC, analysis/ HUMAN/ *HYDATIDIFORM MOLE, therapy/ HYSTERECTOMY/ *TROPHOBLASTIC TUMOR, therapy/ UTERINE NEOPLASMS, therapy

3364. **Reynaud G:** Phénomènes de régulation dans des populations de gonocytes primordiaux de Dindon injectés à des embryons de poulet stértilisés.
C R Acad Sci [D] (Paris) 268:2275-8, 5 May 69 (Fre)
AGING/ ANIMAL EXPERIMENTS/ CELL DIFFERENTIATION/ *CHICK EMBRYO/ *GONADS, embryology/ GONADS, radiation effects/ RADIATION EFFECTS/ *TISSUE EXTRACTS, pharmacodynamics/ *TURKEYS, embryology

3365. **Reynaud G:** Transfert de cellules germinales primordiales de Dindon à l'embryon de Poulet par injection intravasculaire.
J Embryol Exp Morph 21:485-507, Jun 69 (Fre)
ANIMAL EXPERIMENTS/ BLOOD VESSELS/ CALCIUM/ CHICK EMBRYO/ ENGLISH ABSTRACT/ *GERM CELLS, transplantation/ GONADS, cytology/ GONADS, embryology/ INJECTIONS/ RADIATION EFFECTS/ TRANSPLANTATION, HETEROLOGOUS/ TURKEYS/ ULTRAVIOLET RAYS

3366. **Reyniak JV, Sedlis A, Stone D, et al:** Cytohormonal findings in patients using various forms of contraception. Acta Cytol (Balt) 13:315-22, Jun 69
ADULT/ CELL MEMBRANE, drug effects/ CELL NUCLEUS, drug effects/ *CHLORMADINONE, adverse effects/ CHLORMADINONE, pharmacodynamics/ COMPARATIVE STUDY/ *CONTRACEPTIVES, ORAL, administration & dosage/ CYTODIAGNOSIS/ FEMALE/ INTRAUTERINE DEVICES/ *INTRAUTERINE DEVICES, adverse effects/ MENSTRUATION/ *MESTRANOL, adverse effects/ MESTRANOL, pharmacodynamics/ *NORETHINDRONE, adverse effects/ NORETHINDRONE, pharmacodynamics/ TIME FACTORS/ *VAGINAL SMEARS/ VAGINITIS, etiology

3367. **Reynier M, Theorell H:** Studies on the stereospecificity of liver alcohol dehydrogenase (LADH) for 3beta-hydroxy-5beta-steroids. Inhibition effect of pyrazole and of a 3alpha-hydroxycholanoic acid.
Acta Chem Scand 23:1130-6, 1969
*ALCOHOL OXIDOREDUCTASES/ ALCOHOL OXIDOREDUCTASES, antagonists & inhibitors/ *ANDROSTANES/ *CHOLANES/ CHROMATOGRAPHY, GAS/ FLUOROMETRY/ HORSES/ KINETICS/ NAD/ OXIDATION-REDUCTION/ *PYRAZOLES/ RATS/ STEREOISOMERS

3368. **Reynolds JW, Wiqvist N, Diczfalusy E:** Metabolism of 16alpha-hydroxy-pregnenolone and 17alpha-hydroxy-pregnenolone in the foeto-placental unit and mother at midgestation.
Acta Endocr (Kobenhavn) 61:533-50, Jul 69
ADRENAL GLANDS, metabolism/ CARBON ISOTOPES/ CHROMATOGRAPHY, PAPER/ FEMALE/ *FETUS, metabolism/ GESTATIONAL AGE/ GLUCOCORTICOIDS, analysis/ HUMAN/ LIVER, metabolism/ MALE/ MATERNAL-FETAL EXCHANGE/ PLACENTA, metabolism/ *PLACENTA, metabolism/ PREGNANCY/ *PREGNENOLONE, metabolism/ PREGNENOLONE, urine/ TESTIS, metabolism/ TRITIUM

3369. **Reynolds RW, Simpson CW:** 3. Effects of central nervous system lesions and stimulation of food and water intake. Chronic infusion studies on the hypothalamic regulation of food intake.
Ann NY Acad Sci 157:755-7, 15 May 69
ANIMAL EXPERIMENTS/ DRINKING BEHAVIOR/ *FEEDING BEHAVIOR/ FEMALE/ HYPOTHALAMUS, drug effects/ *HYPOTHALAMUS, physiology/ PROCAINE, pharmacodynamics/ RATS/ SODIUM CHLORIDE, pharmacodynamics

3370. **Reynou R:** Role du calcium en implantologie.
Rev Odontoimplant 24:35-8, Apr 69 (Fre)
CALCIUM, metabolism/ CALCIUM, DIETARY/ DENTAL IMPLANTATION/ DIET THERAPY/ PHOSPHORUS, metabolism/ SPECIAL LIST DENTAL

3371. **Rezina SN, Grinberg KN, Vaĭndrukh FA, et al:** Nekotorye voprosy sovremennogo sostoianiia ékspress-diagnostiki narusheniĭ v sisteme polovykh khromosom. (Obzor literatury)
Lab Delo 5:259-64, 1968 (15 ref.) (Rus)
*AUTOSOME ABNORMALITIES, diagnosis/ CHROMOSOME ABERRATIONS/ HUMAN/ KARYOTYPING/ METHODS/ REVIEW/ *SEX CHROMATIN/ *SEX CHROMOSOME ABNORMALITIES, diagnosis

3372. **Rho YM:** Von Hippel-Lindau's disease: a report of five cases. Canad Med Ass J 101:135-42, 9 Aug 69
ADENOCARCINOMA, pathology/ ADRENAL GLAND NEOPLASMS, pathology/ ADULT/ AGED/ ANGIOMATOSIS, familial & genetic/ *ANGIOMATOSIS, pathology/ *ANGIOSARCOMA, pathology/ BRAIN NEOPLASMS, pathology/ CEREBELLAR NEOPLASMS, pathology/ CEREBRAL VENTRICLE NEOPLASMS, pathology/ CYSTS, pathology/ EYE NEOPLASMS, pathology/ FEMALE/ HEMANGIOMA, CAVERNOUS, pathology/ HUMAN/ KIDNEY NEOPLASMS, pathology/ MALE/ MIDDLE AGE/ *NEOPLASMS, MULTIPLE PRIMARY, pathology/ PARAGANGLIOMA, pathology/ PITUITARY NEOPLASMS, pathology/ RETINA/ SPINAL CORD NEOPLASMS, pathology

3373. **Rhodes K, Markham RL, Maxwell PM, et al:** Immunoglobulins and the X-chromosome.
Brit Med J 3:439-41, 23 Aug 69
ADULT/ AGED/ *CHROMOSOME ABERRATIONS/ FEMALE/ *GAMMA GLOBULIN, analysis/ GAMMA GLOBULIN, 7S, analysis/ GAMMA GLOBULIN, 19S, analysis/ GENES/ HUMAN/ MALE/ MIDDLE AGE/ *SEX CHROMOSOMES

3374. **Riboni L, D'Albora H, Carlevaro E, et al:** Effects of estrogen or progesterone on prepuberal ovaries implanted in castrated adult male rats.
Experientia 25:754-5, 1969
ANIMAL EXPERIMENTS/ BODY WEIGHT/ CASTRATION/ *ESTROGENS, pharmacodynamics/ FEMALE/ MALE/ METHODS/ ORGAN WEIGHT/ *OVARY, drug effects/ *OVARY, transplantation/

*PROGESTERONE, pharmacodynamics/ PUBERTY/ RATS/ TESTIS, physiology

3375. **Riccabona G, Hess P, Huber P:** Zur Histotopographie des Jodstoffwechsels in endemischen Strumen und in gesunden Schilddrüsen.
Acta Endocr (Kobenhavn) 59:564-72, Dec 68 (Ger)
AUSTRIA/ ENGLISH ABSTRACT/ *GOITER, metabolism/ GOITER, pathology/ HUMAN/ IODINE, analysis/ IODINE, blood/ *IODINE, metabolism/ IODINE ISOTOPES, DIAGNOSTIC/ KINETICS/ RADIOAUTOGRAPHY/ THYROID GLAND, analysis/ *THYROID GLAND, metabolism/ THYROID HORMONES, blood

3376. **Rice BF, Schneider G, Weed J, et al:** Serum calcium and magnesium concentration during early labor and the postpartum period.
Amer J Obstet Gynec 104:1159-62, 15 Aug 69
ANALYSIS OF VARIANCE/ BREAST FEEDING/ *CALCIUM, blood/ ESTRADIOL, therapeutic use/ FEMALE/ HUMAN/ *LABOR/ *MAGNESIUM, blood/ PREGNANCY/ *PUERPERIUM/ TESTOSTERONE, therapeutic use

3377. **Rice-Wray E, Avila C, Gutiérrez J:** Norgestrel y etinilestradiol. Nuevo agente oral de dosis reducida, para regular la fertilidad.
Rev Colombia Obstet Ginec 20:61-8, Mar-Apr 69 (Spa)
ADOLESCENCE/ ADULT/ *CONTRACEPTIVES, ORAL, administration & dosage/ *ETHINYL ESTRADIOL, administration & dosage/ FEMALE/ HUMAN/ MEXICO

3378. **Richards JG:** The structure and formation of the egg membranes in Nasonia vitripennis (Walker) (Hymenoptera, Pteromalidae). J Micr 89:43-53, 1969
ANIMAL EXPERIMENTS/ CARBOHYDRATES, analysis/ *EMBRYO, cytology/ FEMALE/ *FETAL MEMBRANES, cytology/ GRAAFIAN FOLLICLE, cytology/ HISTOCYTOCHEMISTRY/ INSECTS/ LIPIDS, analysis/ MICROSCOPY, ELECTRON/ PROTEINS, analysis/ VITELLINE MEMBRANE, cytology

3379. **Richardson J, Walsh M:** Uveal effusion as a sign of myxoedema. Brit J Ophthal 53:557-60, Aug 69
EYE DISEASES, drug therapy/ EYE DISEASES, etiology/ *EYE MANIFESTATIONS/ FEMALE/ HUMAN/ MIDDLE AGE/ *MYXEDEMA, complications/ MYXEDEMA, drug therapy/ RETINAL DETACHMENT, drug therapy/ *RETINAL DETACHMENT, etiology/ THYROXINE, therapeutic use/ *UVEA

3380. **Richter E, Clauditz S, Leinweber B, et al:** Einfluss einer Glucocorticoidbehandlung auf die Proteinsynthese in Leberpunktaten von lebergesunden Menschen.
Deutsch Med Wschr 94:1615-7, 8 Aug 69 (Ger)
ASPARTIC ACID/ BIOPSY/ GLYCINE/ HUMAN/ *LIVER, drug effects/ *PREDNISONE, pharmacodynamics/ *PROTEINS, biosynthesis/ RADIOISOTOPES/ RADIOMETRY/ TISSUE CULTURE

3381. **Richter J, Kny L, Gerecke K:** Arzneimittelübersichten.
Pharm Prax 7:145-8, 1969 (49 ref.) (Ger)
ADULT/ ANESTHESIA, GENERAL/ ANESTHESIA, INTRAVENOUS/ *BARBITURATES, pharmacodynamics/ COMPARATIVE STUDY/ *GLYCOLATES, pharmacodynamics/ HEXOBARBITAL, pharmacodynamics/ HUMAN/ HYDROXYBUTYRATES, pharmacodynamics/ HYDROXYDIONE, pharmacodynamics/ *NARCOTICS, pharmacodynamics/ REVIEW/ *STEROIDS, pharmacodynamics/ THIOPENTAL, pharmacodynamics

3382. **Richter RH, Angst-Horridge A, Arnold M, et al:** Probleme der statistischen Auswertung klinischer Versuche mit oralen Kontrazeptiva.
Arch Gynaek 207:28-30, 1969 (Ger)
CHLORMADINONE, administration & dosage/ *CONTRACEPTIVES, ORAL, administration & dosage/ CONTRACEPTIVES, ORAL, adverse effects/ ETHINYL ESTRADIOL, administration & dosage/ ETHYNODIOL DIACETATE, administration & dosage/ FEMALE/ HUMAN/ MEGESTROL, administration & dosage/ MESTRANOL, administration & dosage/ *METRORRHAGIA, chemically induced/ STATISTICS

3383. **Riddick FA Jr, Desai KB, Murison PJ, et al:** Familial goiter with dimished synthesis of thyroglobulin.
Z Ges Exp Med 150:203-12, 1969
ADOLESCENCE/ ADULT/ CENTRIFUGATION, DENSITY GRADIENT/ CHILD/ CHROMATOGRAPHY/ ELECTROPHORESIS/ FEMALE/ GELS/ GOITER, congenital/ GOITER, familial & genetic/ *GOITER, metabolism/ HUMAN/ IMMUNOASSAY/ IODINE, metabolism/ IODINE ISOTOPES, metabolism/ MALE/ ORGAN WEIGHT/ PROTEIN-BOUND IODINE TEST/ STARCH/ *THYROGLOBULIN, metabolism/ THYROIDECTOMY/ THYROTROPIN, metabolism/ THYROXINE, metabolism

3384. **Rider J, Thomas S:** Effects of vasopressin on components of Na transport in frog skin.
J Physiol (London) 203:72P-73P, Jul 69
ANIMAL EXPERIMENTS/ *BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ CELL MEMBRANE PERMEABILITY/ ELECTRIC CONDUCTIVITY/ FROGS/ IN VITRO/ MEMBRANE POTENTIALS/ *SKIN, metabolism/ *SODIUM, metabolism/ *VASOPRESSIN, pharmacodynamics

3385. **Riehl JL, Ansel R:** EEG changes following pneumoencephalography.
Acta Neurol Scand 45:270-6, 1969
ADENOMA, diagnosis/ ADULT/ ARACHNOIDITIS, diagnosis/ BRAIN NEOPLASMS, diagnosis/ CENTRAL NERVOUS SYSTEM DISEASES, diagnosis/ COMPARATIVE STUDY/ CONVULSIONS, diagnosis/ *ELECTROENCEPHALOGRAPHY/ FEMALE/ FRONTAL LOBE/ HUMAN/ LATERALITY/ MALE/ MENINGIOMA, diagnosis/ MIDDLE AGE/ *NERVOUS SYSTEM DISEASES, diagnosis/ PITUITARY NEOPLASMS, diagnosis/ PNEUMOENCEPHALOGRAPHY/ TIME FACTORS/ *VENTRICULOGRAPHY

3386. **Riemens V:** Les métastases cérébrales sont-elles curables? J Med Bordeaux 144:875-80, Jun 67 (Fre)
BRAIN NEOPLASMS, drug therapy/ BRAIN NEOPLASMS, surgery/ *BRAIN NEOPLASMS, therapy/ CORTICOTROPIN, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ HYDROCORTISONE, therapeutic use/ MANNITOL, therapeutic use/ NEOPLASM METASTASIS, drug therapy/ NEOPLASM METASTASIS, surgery/ PERFUSION/ PITUITARY HORMONES, POSTERIOR, therapeutic use/ PROGNOSIS/ UREA, therapeutic use

3387. **Rieper JP:** Biologische Reaktionen als Grundlage der Diagnostik des beginnenden Collumcarcinoms.
Arch Gynaek 207:345-6, 1969 (Ger)
ADRENAL CORTEX HORMONES, diagnostic use/ *CERVIX NEOPLASMS, diagnosis/ CERVIX NEOPLASMS, pathology/ CERVIX UTERI, innervation/ DYES/ FEMALE/ HUMAN/ METHODS

3388. **Rigaudière N:** Les variations saisonnières de métabolisme de base et de la thyroide chez les Microtinés.
Arch Sci Physiol (Paris) 23:215-42, 1969 (Fre)
AGING/ ANIMAL EXPERIMENTS/ *BASAL METABOLISM/ BODY TEMPERATURE REGULATION/ BODY WEIGHT/ CHROMATOGRAPHY, THIN LAYER/ ENGLISH ABSTRACT/ FEMALE/ IODIDES, metabolism/ IODINE, metabolism/ IODINE ISOTOPES/ IODOPROTEINS, metabolism/ MALE/ OXYGEN CONSUMPTION/ RADIOAUTOGRAPHY/ RODENTS/ *SEASONS/ THYROID GLAND, anatomy & histology/ *THYROID GLAND, metabolism/ THYROID HORMONES, metabolism

3389. **Riggs BL, Sprague RG, Jowsey J, et al:** Adult-onset vitamin-D-resistant hypophosphatemic osteomalacia. Effect of total parathyroidectomy.
New Eng J Med 281:762-6, 2 Oct 69
ADULT/ AGE FACTORS/ CALCIUM, blood/ CALCIUM, therapeutic use/ FECES, analysis/ HUMAN/ HYPOPARATHYROIDISM, metabolism/ HYPOPHOSPHATEMIA, FAMILIAL, etiology/ MALE/ MIDDLE AGE/ *OSTEOMALACIA, etiology/ OSTEOMALACIA, metabolism/ OSTEOMALACIA, pathology/ OSTEOMALACIA, therapy/ PARATHYROID GLANDS, surgery/ *PARATHYROID HORMONE, secretion/ *PHOSPHATES, blood/ PHOSPHATES, therapeutic use/ PHOSPHATES, urine/ TETANY, prevention & control/ *VITAMIN D, therapeutic use

3390. **Rigon-Macrì P, Macrì I:** Effetto della prostaglandina E1 sulla respirazione di fettine di corteccia cerebrale di ratto. Boll Soc Ital Biol Sper 44:1461-3, 30 Sep 68 (Ita)
ANIMAL EXPERIMENTS/ *BRAIN, drug effects/ *BRAIN, metabolism/ IN VITRO/ *PROSTAGLANDINS, pharmacodynamics/ RATS

3391. **Rilke F, Marino V, D'orso B:** Osservazioni istopatologiche preliminari sulla trasformazione molare iniziale della placenta negli aborti spontanei.
Folia Hered Path (Milano) 17:129-36, Jul 68 (Ita)
*ABORTION, pathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYDATIDIFORM MOLE, pathology/ PRECANCEROUS CONDITIONS, pathology/ PREGNANCY

3392. **Rindone E, Giuffrè L, Liuzzo B:** Sindrome di Turner in lattante affetto da thalassemia minima.
Pediatria (Napoli) 75:947-59, 31 Dec 67 (Ita)
*ABNORMALITIES, MULTIPLE/ CONSANGUINITY/ FEMALE/ HUMAN/ INFANT/ KARYOTYPING/ SEX CHROMATIN/ *THALASSEMIA, complications/ *TURNER'S SYNDROME, complications

3393. **Rinehart RR:** Spontaneous sex-linked recessive lethal frequencies from aged and non-aged spermatozoa of Drosophila melanogaster.
Mutat Res 7:417-23, May-Jun 69
ANIMAL EXPERIMENTS/ DROSOPHILA/ FEMALE/ GENES, LETHAL/ GENES, RECESSIVE/ MALE/ *MUTATION/ SEX CHROMOSOMES/ *SPERMATOZOA/ TIME FACTORS

3394. **Riniker B, Brugger M, Kamber B, et al:** Thyrocalcitonin. IV. Die Totalsynthese des alpha-Thyrocalcitonins.
Helv Chim Acta 52:1058-73, 1969 (Ger)
AMINO ACID SEQUENCE/ *THYROCALCITONIN, chem synthesis

3395. **Río de la Loza F, Saldaña R, Ruiz Velasco V:** Valoración clínica del empleo de la ocitocina en la emarazada con cesárea previa.
Ginec Obstet Mex 26:87-92, Jul 69 (Spa)
*CESAREAN SECTION/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LABOR, INDUCED/ METHODS/ *OXYTOCIN, pharmacodynamics/ PREGNANCY

3396. **Ripa R, Gilli P:** Azione dell'ACTH, dell'idrocortisone e del prednisolone sull'angiotensinasi umana eritrocitaria in vitro.
Boll Soc Ital Biol Sper 44:1285-9, 31 Aug 68 (Ita)
*ANGIOTENSINASE, blood/ *CORTICOTROPIN, pharmacodynamics/ *ERYTHROCYTES, enzymology/ HUMAN/ *HYDROCORTISONE, pharmacodynamics/ IN VITRO/ *PREDNISOLONE, pharmacodynamics

3397. **Ripa R, Gilli P:** Azione dell'ossitocina sull'angiotensinasi umana eritrocitaria in vitro.
Boll Soc Ital Biol Sper 44:1292-5, 31 Aug 68 (Ita)
*ANGIOTENSINASE, blood/ *ERYTHROCYTES, enzymology/ HUMAN/ IN VITRO/ *OXYTOCIN, pharmacodynamics

3398. **Ripoche P, Bourguet J:** Réponses natriférique et hydrosmotique à la théophylline chez Rana esculenta après adaptation à basse température.
J Physiol (Paris) 60:Suppl 2:377, 1968 (Fre)
ADAPTATION, PHYSIOLOGICAL/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ BLADDER, drug effects/ BLADDER, metabolism/ COLD/ FROGS/ OSMOLAR CONCENTRATION/ OXYTOCIN, pharmacodynamics/ *SODIUM, metabolism/ *THEOPHYLLINE, pharmacodynamics/ *WATER-ELECTROLYTE BALANCE

3399. **Ritschel WA:** Biopharmazeutische Untersuchungen mit verschiedenen Grundlagen plastischer Gele am Beispiel von Dexamethason und Diphenhydramin HCl. Med Welt 34:1830-2, 23 Aug 69 (Ger)
CLINICAL RESEARCH/ *DERMATITIS, drug therapy/ *DEXAMETHASONE, therapeutic use/ *DIPHENHYDRAMINE, therapeutic use/ EMULSIONS, therapeutic use/ *GELS/ HUMAN/ LANOLIN, therapeutic use/ *OINTMENTS

3400. **Ritzén M, Carlsson SA:** Cytochemical investigations on 5-hydroxytryptamine release from rat peritoneal mast cells. Ann Med Exp Biol Fenn 46:466-7, 1968
*ANAPHYLAXIS/ ANIMAL EXPERIMENTS/ ANTIGENS/ HISTOCYTOCHEMISTRY/ IN VITRO/ *MAST CELLS, secretion/ MICROSCOPY, FLUORESCENCE/ PERITONEUM, cytology/ RATS/ *SEROTONIN, secretion

3401. **Rivasseau J:** Essais cliniques et interet du phosphate de betamethasone en oto-rhino-laryngologie.
Rev Laryng (Bordeaux) 88:624-6, Jul-Aug 67 (Fre)
*BETAMETHASONE, therapeutic use/ HUMAN/ *OTORHINOLARYNGOLOGIC DISEASES, drug therapy

3402. **Roback SA, Herdman RC, Hoyer J, et al:** Wegener's granulomatosis in a child. Observations on pathogenesis and treatment.
Amer J Dis Child 118:608-14, Oct 69
ADOLESCENCE/ AZATHIOPRINE, therapeutic use/ CASE REPORT/ EPISTAXIS, etiology/ FLUORESCENT ANTIBODY TECHNIC/ HEPARIN, therapeutic use/ HUMAN/ KIDNEY, pathology/ MALE/ NOSE, pathology/ PHAGOCYTOSIS/ PREDNISONE, therapeutic use/ *WEGENER'S GRANULOMATOSIS/ WEGENER'S GRANULOMATOSIS, etiology/ WEGENER'S GRANULOMATOSIS, pathology/ WEGENER'S GRANULOMATOSIS, therapy

3403. **Robens JF:** Teratologic studies of carbaryl, diazinon, norea, disulfiram, and thiram in small laboratory animals. Toxic Appl Pharmacol 15:152-63, Jul 69
*ABNORMALITIES, DRUG-INDUCED/ ANIMAL EXPERIMENTS/ *ANTI-INFECTIVE AGENTS, LOCAL, toxicity/ BONE AND BONES, abnormalities/ *CARBAMATES, toxicity/ DIMETHYL SULFOXIDE, pharmacodynamics/ *DISULFIRAM, toxicity/ EMBRYO, drug effects/ FEMALE/ FETAL DEATH/ FETUS, drug effects/ GUINEA PIGS/ HAMSTERS/ METHYLCELLULOSE, pharmacodynamics/ *NAPHTHALENES, toxicity/ *PESTICIDES, toxicity/ *PHOSPHONIC ACIDS, toxicity/ PREGNANCY/ *PYRIMIDINES, toxicity/ RABBITS/ *THIOCARBAMATES, toxicity/ THIRAM, toxicity/ *UREA, toxicity

3404. **Roberge A, Charbonneau R:** Le métabolisme de l'ammoniaque. 3. Effet in vitro de l'arginine sur les enzymes du cycle de l'urée lors de l'intoxicationà l'ammoniaque. Rev Canad Biol 28:111-7, Jun 69 (Fre)
*AMMONIA, metabolism/ *AMMONIA, poisoning/ *ARGINASE, metabolism/ *ARGININE, pharmacodynamics/ CITRULLINE, pharmacodynamics/ ENGLISH ABSTRACT/ EPINEPHRINE, pharmacodynamics/ HORMONES, pharmacodynamics/ IN VITRO/ *LIGASES, metabolism/ *LIVER, enzymology/ NOREPINEPHRINE, pharmacodynamics/ ORNITHINE, pharmacodynamics/ RATS/ *TRANSFERASES, metabolism/ UREA, biosynthesis/ *UREA, metabolism

3405. **Roberts D:** Treatment of ovarian carcinoma: surgical aspects. Proc Roy Soc Med 62:358-9, Apr 69
ADENOCARCINOMA, surgery/ ADULT/

CARCINOMA, MUCINOUS, surgery/ CURETTAGE/ DISGERMINOMA, surgery/ ENDOMETRIOSIS, surgery/ FEMALE/ HUMAN/ HYSTERECTOMY/ NEOPLASM METASTASIS/ OVARIAN NEOPLASMS, pathology/ *OVARIAN NEOPLASMS, surgery/ PROGNOSIS

3406. **Roberts RJ, Plaa GL:** Studies on bilirubin production and excretion in mice and rats treated with phenobarbital, chlorpromazine, norethandrolone, acetohexamide or enovid.
Toxic Appl Pharmacol 15:483-92, Sep 69
ACETOHEXAMIDE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BILE, analysis/ *BILE, drug effects/ BILE, metabolism/ BILE DUCTS, physiology/ BILIRUBIN, analysis/ *BILIRUBIN, biosynthesis/ *BILIRUBIN, metabolism/ CARBON ISOTOPES/ CHLORPROMAZINE, pharmacodynamics/ HYPERBILIRUBINEMIA, chemically induced/ LEVULINIC ACID, metabolism/ LIVER, metabolism/ MALE/ MICE/ NORETHANDROLONE, pharmacodynamics/ NORETHYNODREL, pharmacodynamics/ PHENOBARBITAL, pharmacodynamics/ RATS/ THIOCYANATES

3407. **Robertson DR:** Some morphological observations of the ultimobranchial gland in the rainbow trout, Salmo gairdneri. J Anat 105:115-27, Jul 69
ANIMAL EXPERIMENTS/ CYTOPLASMIC GRANULES/ EPITHELIUM, cytology/ GOLGI APPARATUS/ PHARYNX, cytology/ PINOCYTOSIS/ *SALMONIDAE, anatomy & histology/ *THYROCALCITONIN, secretion

3408. **Robertson JH, McCarthy GM:** Periwinkle alkaloids and the platelet-count. Lancet 2:353-5, 16 Aug 69
ADULT/ ANIMAL EXPERIMENTS/ FEMALE/ HODGKIN'S DISEASE, drug therapy/ HUMAN/ LEUKEMIA, drug therapy/ MALE/ MIDDLE AGE/ PREDNISOLONE, therapeutic use/ *THROMBOCYTOSIS, chemically induced/ THROMBOPENIA, drug therapy/ *VINBLASTINE, pharmacodynamics/ *VINCRISTINE, pharmacodynamics

3409. **Robertson MA:** Clinical observations on cancer patterns at the non-white hospital Baragwanath, Johannesburg, 1948-1964.
S Afr Med J 43:915-31, 26 Jul 69
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ BONE NEOPLASMS, occurrence/ BREAST NEOPLASMS, occurrence/ CARCINOMA, occurrence/ CERVIX NEOPLASMS, occurrence/ CHILD/ CHILD, PRESCHOOL/ ESOPHAGEAL NEOPLASMS, occurrence/ FEMALE/ HEMATOLOGIC DISEASES, occurrence/ HEPATOMA, occurrence/ HUMAN/ INFANT/ INFANT, NEWBORN/ KIDNEY NEOPLASMS, occurrence/ LIVER NEOPLASMS, occurrence/ LUNG NEOPLASMS, occurrence/ LYMPHOMA, occurrence/ MALE/ MIDDLE AGE/ NASOPHARYNGEAL NEOPLASMS, occurrence/ *NEGROID RACE/ *NEOPLASMS, mortality/ *NEOPLASMS, occurrence/ OVARIAN NEOPLASMS, occurrence/ PREGNANCY/ SEX FACTORS/ SOUTH AFRICA/ STOMACH NEOPLASMS, occurrence/ THYROID NEOPLASMS, occurrence/ TIME FACTORS/ UROGENITAL NEOPLASMS, occurrence

3410. **Robichaud RC, Sledge KL:** The effects of p-chlorophenylalanine on experimentally induced conflict in the rat. Life Sci 8:965-9, 1 Sep 69
ANIMAL EXPERIMENTS/ *BEHAVIOR, ANIMAL, drug effects/ CONDITIONING, OPERANT, drug effects/ *CONFLICT (PSYCHOLOGY)/ MALE/ *PHENYLALANINE, pharmacodynamics/ RATS/ SEROTONIN, biosynthesis

3411. **Robin C, Bouhour JB, Horeau J:** Les cardiothyréoses.
Maroc Med 47:306-13, Apr 67 (Fre)
*HEART DISEASES, etiology/ *HYPERTHYROIDISM, complications

3412. **Robin NI, Refetoff S, Fang V, et al:** Parameters of thyroid function in maternal and cord serum at term pregnancy. J Clin Endocr 29:1276-80, Sep 69
ADULT/ *BLOOD PROTEINS/ FEMALE/ HUMAN/ *IODINE, blood/ ION EXCHANGE RESINS, diagnostic use/ MATERNAL AGE/ *MATERNAL-FETAL EXCHANGE/ *PREGNANCY/ PROTEIN BINDING/ RADIOIMMUNOASSAY/ SERUM ALBUMIN/ *THYROID GLAND, physiology/ THYROID GLAND FUNCTION TESTS/ THYROID HORMONES, secretion/ *THYROXINE, blood/ *THYROXINE-BINDING PROTEIN/ *TRIIODOTHYRONINE, blood/ UMBILICAL CORD, blood supply

3413. **Robinson JC, Lee G, Onn WT, et al:** Pregnancy-associated plasma proteins in trophoblastic disease.
Amer J Obstet Gynec 105:284-5, 15 Sep 69
ALKALINE PHOSPHATASE, blood/ ALPHA GLOBULIN, analysis/ AMINOPEPTIDASES, blood/ *BLOOD PROTEINS/ ELECTROPHORESIS/ FEMALE/ GELS/ GESTATIONAL AGE/ HUMAN/ HYDATIDIFORM MOLE, blood/ PREGNANCY/ *TROPHOBLASTIC TUMOR, blood

3414. **Robinson M, Shuken R, Dougherty H:** Surgical orthodontic treatment of hemigigantism: report of case. J Oral Surg 27:744-7, Sep 69
ADOLESCENCE/ CASE REPORT/ *GIGANTISM, complications/ HUMAN/ *JAW ABNORMALITIES, surgery/ MALE/ *MALOCCLUSION, etiology/ *MANDIBULAR CONDYLE, surgery/ *ORTHODONTICS, CORRECTIVE

3415. **Robyn C, Petrusz P, Diczfalusy E:** Follicle stimulating hormone-like activity in human chorionic gonadotrophin preparations.
Acta Endocr (Kobenhavn) 60:137-56, Jan 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ *FSH, pharmacodynamics/ FSH, physiology/ *GONADOTROPINS, CHORIONIC, pharmacodynamics/ GONADOTROPINS, CHORIONIC, physiology/ *GONADOTROPINS, PITUITARY, pharmacodynamics/ HYPOPHYSECTOMY/ IMMUNE SERUMS/ ORGAN WEIGHT/ OVARY, anatomy & histology/ OVARY, drug effects/ RABBITS/ RATS

3416. **Roddie IC:** Temperature control.
Practitioner 202:108-14, Jul 69
ANIMAL EXPERIMENTS/ *BODY TEMPERATURE REGULATION/ BROWN FAT, physiology/ FEVER, physiopathology/ HUMAN/ HYPOTHALAMUS, physiology/ SHIVERING/ SWEATING

3417. **Rodeck H:** Tierexperimentelle Untersuchungen über den Einfluss des Hungers auf die Entwicklung des neurosekretorischen hypothalamo-neurohypophysären Systems.
J Neurovisc Relat 31:136-60, 1969 (Ger)
AGE FACTORS/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ HUNGER/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, growth & development/ NEUROSECRETION/ *PITUITARY GLAND, POSTERIOR, growth & development/ PITUITARY GLAND, POSTERIOR, physiopathology/ RATS/ *STARVATION/ STARVATION, physiopathology/ STRESS/ TIME FACTORS

3418. **Rodman MJ:** Drug therapy today: the corticosteroids.
RN 32:69-79, Sep 69
ADRENAL CORTEX HORMONES, adverse effects/ ADRENAL CORTEX HORMONES, therapeutic use/ SPECIAL LIST NURSING

3419. **Rodriguez LP, Rodriguez JA, San Roman J, et al:** Modificaciones cariométricas uterinas por testosterona y gonadotropina coriónica.
Arch Inst Farmacol Exp (Madrid) 19:49-62, 1967 (Spa)
CELL NUCLEUS, drug effects/ FEMALE/ *GONADOTROPINS, CHORIONIC, pharmacodynamics/ HUMAN/ *KARYOMETRY/ RATS/ *TESTOSTERONE, pharmacodynamics/ *UTERUS, drug effects

3420. **Rodríguez-Miñón JL**: Glandulas de secreción interna y vejez. Rev Clin Esp 111:467-74, 15 Dec 68 **(Spa)**
*AGING/ *ENDOCRINE GLANDS, physiology/ FEMALE/ HUMAN/ MALE

3421. **Roeder F, Müller D**: The stereotaxic treatment of paedophilic homsexuality.
German Med Monthly 14:265-71, Jun 69
ADULT/ *HOMOSEXUALITY, surgery/ HUMAN/ *HYPOTHALAMUS, surgery/ MALE/ MIDDLE AGE/ *SEX DEVIATION, surgery/ *STEREOTAXIC TECHNICS

3422. **Roelants GE, Goodman JW**: The chemical nature of macrophage RNA-antigen complexes and their relevance to immune induction.
J Exp Med 130:557-74, 1 Sep 69
AMINO ACIDS, metabolism/ ANIMAL EXPERIMENTS/ *ANTIGEN-ANTIBODY REACTIONS/ BUFFERS/ CARBON ISOTOPES/ CHEMISTRY/ DACTINOMYCIN, pharmacodynamics/ DEXTRAN/ DIALYSIS/ EXUDATES AND TRANSUDATES, immunology/ GLUTAMATES, metabolism/ GUINEA PIGS/ HELA CELLS, immunology/ *MACROPHAGES, immunology/ MAGNESIUM, pharmacodynamics/ MULTIPLE MYELOMA/ PEPTIDES, metabolism/ PERITONEUM, immunology/ PROTEIN BINDING/ RABBITS/ RNA, biosynthesis/ RNA, isolation & purification/ *RNA, metabolism/ STEROIDS, metabolism/ TEMPERATURE/ ULTRACENTRIFUGATION/ URIDINE, metabolism

3423. **Roffi J**: Influence des corticosurrénales sur la synthèse d'adrénaline chez le foetus et le nouveau-né de rat et de lapin. J Physiol (Paris) 60:455-94, Nov-Dec 68 **(Fre)**
*ADRENAL GLANDS, physiology/ ADRENAL MEDULLA, metabolism/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *ANIMALS, NEWBORN, metabolism/ CHROMAFFIN SYSTEM, drug effects/ CHROMAFFIN SYSTEM, metabolism/ CORTICOTROPIN, pharmacodynamics/ ENGLISH ABSTRACT/ *EPINEPHRINE, biosynthesis/ FEMALE/ *FETUS, metabolism/ HYDROCORTISONE, pharmacodynamics/ METHYLATION/ NEOPLASMS, metabolism/ NOREPINEPHRINE, biosynthesis/ PHENETHYLAMINES/ PITUITARY GLAND, physiology/ PREGNANCY/ RABBITS/ RATS/ SYMPATHETIC NERVOUS SYSTEM, metabolism/ TRANSFERASES, metabolism

3424. **Rogers SC, Jones GS**: Infantile cortical hyperostosis (Caffey's syndrome). A report of four cases from general practice. Practitioner 202:81-4, Jul 69
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ FOOD ADDITIVES, adverse effects/ HUMAN/ *HYPEROSTOSIS, CORTICAL CONGENITAL, diagnosis/ HYPEROSTOSIS, CORTICAL CONGENITAL, radiography/ INFANT/ MALE/ VITAMIN A, adverse effects/ VITAMIN D, adverse effects

3425. **Rogers WE Jr**: Reexamination of enzyme activities thought to show evidence of a coenzyme role for vitamin A. Amer J Clin Nutr 22:1003-13, Aug 69
*ADRENAL GLANDS, enzymology/ *ALCOHOL OXIDOREDUCTASES, metabolism/ ANIMAL EXPERIMENTS/ APPETITE DISORDERS, enzymology/ BODY WEIGHT/ *COENZYMES, metabolism/ DIET/ HEXOSES/ *HYDROXYSTEROID DEHYDROGENASE, metabolism/ INFECTION, enzymology/ KINETICS/ LACTONES/ *LIVER, enzymology/ NADP/ *NUCLEOTIDYLTRANSFERASES, metabolism/ PREGNENOLONE/ RATS/ STARVATION, enzymology/ STRESS, enzymology/ SULFATES, metabolism/ TIME FACTORS/ TUBE FEEDING/ *VITAMIN A, metabolism/ *VITAMIN A DEFICIENCY, enzymology

3426. **Rogozea R, Ungher J, Florea-Ciocoiu V**: The influence of intra-hippocampal gamma-amino-butyric acid on the orienting reflex.
Electroenceph Clin Neurophysiol 27:162-8, Aug 69
*AMINOBUTYRIC ACID, pharmacodynamics/ ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ BEHAVIOR, drug effects/ CATS/ CEREBRAL CORTEX, physiology/ CONVULSIONS, chemically induced/ ELECTROENCEPHALOGRAPHY/ EVOKED POTENTIALS/ *HIPPOCAMPUS, drug effects/ HIPPOCAMPUS, physiology/ HYPOTHALAMUS, physiology/ NOISE/ *ORIENTATION, drug effects/ *REFLEX, drug effects/ RETICULAR FORMATION, physiology

3427. **Rohde W, Dörner G**: Immunochemical studies on the heterogeneity of human growth hormone (HGH). Electrophoretical pattern and behaviour in gel filtration of HGH in various pituitary extracts.
Acta Endocr (Kobenhavn) 60:101-11, Jan 69
AGAR/ ANTIGENS, analysis/ GEL DIFFUSION TESTS/ GEL FILTRATION/ HUMAN/ IMMUNOELECTROPHORESIS/ *SOMATOTROPIN, analysis/ SOMATOTROPIN, isolation & purification/ STARCH/ TISSUE EXTRACTS, analysis

3428. **Röher HD**: Klassifizierung der Struma maligna und ihre Kombinationsbehandlung.
Med Welt 26:1480-4, 28 Jun 69 **(Ger)**
HUMAN/ IODINE ISOTOPES, therapeutic use/ IODINE ISOTOPES, DIAGNOSTIC/ RADIOISOTOPE SCANNING/ THYROID GLAND FUNCTION TESTS/ *THYROID NEOPLASMS, classification/ THYROID NEOPLASMS, diagnosis/ THYROID NEOPLASMS, drug therapy/ THYROID NEOPLASMS, radiotherapy/ THYROID NEOPLASMS, surgery/ *THYROID NEOPLASMS, therapy/ THYROIDECTOMY/ THYROTROPIN, therapeutic use

3429. **Röhling S, Němec J, Silink K, et al**: Výsledky léčby tyreotoxikózy radioaktivním jódem z hlediska komplikací a dozimetrie.
Cas Lek Cesk 108:1043-9, Jul 69 **(Cze)**
AGED/ ENGLISH ABSTRACT/ HUMAN/ *HYPERTHYROIDISM, radiotherapy/ HYPERTHYROIDISM, therapy/ HYPOTHYROIDISM, chemically induced/ IODINE ISOTOPES, adverse effects/ *IODINE ISOTOPES, therapeutic use/ MATHEMATICS/ MIDDLE AGE/ *RADIOMETRY/ THYROIDECTOMY

3430. **Roitt IM**: Humoral immunity and autoimmune disease.
Vox Sang 16:341-4, Apr 69
*ANEMIA, PERNICIOUS, immunology/ ANTIBODY FORMATION/ ANTIGEN-ANTIBODY REACTIONS/ AUTOANTIBODIES/ *AUTOIMMUNE DISEASES/ BASEMENT MEMBRANE, immunology/ COMPLEMENT/ ERYTHROCYTES, immunology/ GAMMA GLOBULIN, blood/ *GLOMERULONEPHRITIS, immunology/ GUINEA PIGS/ HUMAN/ *HYPERTHYROIDISM, immunology/ INTRINSIC FACTOR/ IODINE ISOTOPES/ LONG-ACTING THYROID STIMULATOR, analysis/ *MYASTHENIA GRAVIS, immunology/ ORGAN SPECIFICITY/ THYROTROPIN, analysis/ VITAMIN B 12

3431. **Rokicki W**: Proteinogram w doświadczalnej nadczynności tarczycy. Przegl Lek 25:614-6, 1969 **(Pol)**
ANIMAL EXPERIMENTS/ *BLOOD PROTEINS, analysis/ ENGLISH ABSTRACT/ GAMMA GLOBULIN, analysis/ *HYPERTHYROIDISM, blood/ HYPOPROTEINEMIA, chemically induced/ RATS/ THYROID HORMONES, pharmacodynamics

3432. **Rollier R, Markouch T, Vivas M**: Psoriasis pustuleux et arthropatique grave blanchi par le méthotrexate.
Bull Soc Franc Derm Syph 76:40-3, 1969 **(Fre)**
ADRENAL CORTEX HORMONES, administration & dosage/ ADULT/ ARTHRITIS, complications/ *ARTHRITIS, drug therapy/ CASE REPORT/ DRUG SYNERGISM/ HUMAN/ INDOMETHACIN, administration & dosage/ MALE/ *METHOTREXATE, administration & dosage/ MONILIASIS, complications/ NAILS/ PSORIASIS,

complications/ *PSORIASIS, drug therapy/ SUPPURATION/ SYPHILIS, complications

3433. **Romer TE**: Obniżenie odsetka chromatyny płciowej w komórkach rdzenia kręgowego kotek.
Endokr Pol 20:343-9, 1969 (Pol)
ANABOLIC STEROIDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ CATS/ CORTISONE, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ *SEX CHROMATIN, drug effects/ *SPINAL CORD, cytology/ SPINAL CORD, drug effects

3434. **Ronchese F**: Flurandrenolone tape therapy.
Rhode Island Med J 52:389-90, Jul 69
*FLURANDRENOLONE, therapeutic use/ HUMAN/ *SKIN DISEASES, drug therapy

3435. **Ronconi G**: Su un caso di iperplasia surrenale congenita con ipertensione.
Fracastoro 60:661-6, Nov-Dec 67 (Ita)
*ADRENOGENITAL SYNDROME, complications/ CASE REPORT/ CHILD/ CORTICOTROPIN, diagnostic use/ FEMALE/ HUMAN/ *HYPERTENSION, complications/ 17-KETOSTEROIDS, urine/ *PREDNISONE, therapeutic use/ STIMULATION, CHEMICAL

3436. **Ronzoni G, Wiel Marin A, Maisano A, et al**: Studio comparativo delle influenze ormonali sui testicoli e sugli organi sessuali accessori del ratto.
Chir Pat Sper 15:367-75, Jul-Sep 67 (Ita)
ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ COMPARATIVE STUDY/ *DIETHYLSTILBESTROL, pharmacodynamics/ *ESTRADIOL, pharmacodynamics/ MALE/ *NORETHINDRONE, pharmacodynamics/ ORGAN WEIGHT/ *PROGESTERONE, pharmacodynamics/ *PROSTATE, drug effects/ RATS/ *SEMINAL VESICLES, drug effects/ *TESTIS, drug effects/ *TESTOSTERONE, pharmacodynamics

3437. **Rooij DG de**: Further evidence for the proposed way of spermatogonial stem cell renewal in the rat and the mouse. Z Zellforsch 99:134-8, 1969
ANIMAL EXPERIMENTS/ *CELL DIVISION/ MALE/ *MICE, anatomy & histology/ RADIOAUTOGRAPHY/ *RATS, anatomy & histology/ *SPERMATOZOA, physiology/ STATISTICS/ *TESTIS, cytology/ THYMIDINE/ TRITIUM

3438. **Roos J, Roos M, Aron C**: Comparaison, avec le test d'augmentation pondérale de Steelman et Pohley, d'une nouvelle méthode de dosage de la folliculostimuline (FSH)
C R Soc Biol (Paris) 162:2244-9, 1968 (Fre)
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ *BODY WEIGHT, drug effects/ COMPARATIVE STUDY/ FEMALE/ *FSH, analysis/ METHODS/ ORGAN WEIGHT/ OVARY, anatomy & histology/ RATS/ SHEEP/ STATISTICS

3439. **Rooyen AJ van**: Pregnancy and the lower urinary tract. 3. The surgical treatment of urinary stress incontinence resulting from pregnancy.
S Afr Med J 43:900-7, 19 Jul 69
BLADDER, physiology/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HORMONES, physiology/ HUMAN/ METHODS/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ SUTURE TECHNICS/ URETHRA, physiology/ URINARY INCONTINENCE, diagnosis/ URINARY INCONTINENCE, STRESS, diagnosis/ URINARY INCONTINENCE, STRESS, etiology/ *URINARY INCONTINENCE, STRESS, surgery

3440. **Roozemond RC**: The effect of calcium chloride and formaldehyde on the release and composition of phospholipids from cryostat sections of rat hypothalamus. J Histochem Cytochem 17:273-9, Apr 69
ANIMAL EXPERIMENTS/ *CALCIUM CHLORIDE, pharmacodynamics/ CHEMISTRY/ CHROMATOGRAPHY, THIN LAYER/ *FORMALDEHYDE, pharmacodynamics/ HISTOLOGICAL TECHNICS/ *HYPOTHALAMUS, drug effects/ MALE/ *PHOSPHOLIPIDS/ PROTEIN DENATURATION/ RATS

3441. **Roozemond RC**: The effect of fixation with formaldehyde and glutaraldehyde on the composition of phospholipids extractable from rat hypothalamus.
J Histochem Cytochem 17:482-6, Jul 69
*ALDEHYDES/ ANIMAL EXPERIMENTS/ *FORMALDEHYDE/ HISTOCYTOCHEMISTRY/ HISTOLOGICAL TECHNICS/ HYDROGEN-ION CONCENTRATION/ *HYPOTHALAMUS, analysis/ *PHOSPHOLIPIDS, analysis/ RATS

3442. **Roper-Hall MJ**: A retrospective study of eye injuries.
Ophthalmologica (Basel) 158:12-27, 1969
ANTIBIOTICS, therapeutic use/ CONTUSIONS, complications/ CONTUSIONS, therapy/ CORNEA, injuries/ EYE BURNS, classification/ EYE BURNS, therapy/ EYE FOREIGN BODIES, surgery/ EYE INJURIES, classification/ EYE INJURIES, drug therapy/ EYE INJURIES, physiopathology/ EYE INJURIES, surgery/ *EYE INJURIES, therapy/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ METHODS/ PROGNOSIS/ RETINAL DETACHMENT, etiology/ RETROSPECTIVE STUDIES/ TIME FACTORS/ VISION

3443. **Rose DP, Brown RR**: The influence of sex and estrogens on liver kynureninase and kynurenine aminotransferase in the rat.
Biochim Biophys Acta 184:412-9, 30 Jul 69
*AMINOTRANSFERASES, metabolism/ ANIMAL EXPERIMENTS/ BENZOATES, pharmacodynamics/ DEPRESSION, CHEMICAL/ ESTRADIOL, pharmacodynamics/ *ESTROGENS, pharmacodynamics/ FEMALE/ HYDROLASES, antagonists & inhibitors/ *HYDROLASES, metabolism/ *KYNURENINE, metabolism/ *LIVER, enzymology/ MALE/ MESTRANOL, pharmacodynamics/ NORETHYNODREL, pharmacodynamics/ *PROGESTATIONAL HORMONES, pharmacodynamics/ PROGESTERONE, pharmacodynamics/ PYRIDOXAL PHOSPHATE/ RATS/ SEX FACTORS/ STIMULATION, CHEMICAL

3444. **Rose E, Sanders TP, Webbs WL Jr, et al**: Occult factitial thyrotoxicosis. Thyroxine kinetics and psychological evaluation in three cases.
Ann Intern Med 71:309-15, Aug 69
ADULT/ ANXIETY/ FEMALE/ HOSTILITY/ HUMAN/ *HYPERTHYROIDISM, chemically induced/ HYPOTHYROIDISM, drug therapy/ MALE/ *MENTAL DISORDERS, diagnosis/ MIDDLE AGE/ MYXEDEMA, drug therapy/ PERSONALITY DISORDERS, diagnosis/ PERSONALITY INVENTORY/ PSYCHOLOGICAL TESTS/ SELF MEDICATION/ *THYROXINE, metabolism/ THYROXINE, poisoning/ THYROXINE, therapeutic use

3445. **Rosen OM, Erlichman J**: The development of hormone sensitivity by the adenyl cyclase of the tadpole erythrocyte. Arch Biochem 133:171-7, Aug 69
*ADENINE NUCLEOTIDES, metabolism/ ADENYL CYCLASE, metabolism/ ANIMAL EXPERIMENTS/ BLOOD PROTEIN ELECTROPHORESIS/ CAFFEINE, pharmacodynamics/ CARBON ISOTOPES/ *CATECHOLAMINES, pharmacodynamics/ CHROMATOGRAPHY, PAPER/ *ENZYMES, metabolism/ *ERYTHROCYTES, enzymology/ FROGS/ FROGS, growth & development/ HEMOGLOBINS, ABNORMAL, analysis/ ISOPROTERENOL, pharmacodynamics/ METAMORPHOSIS, BIOLOGICAL/ PHOSPHORUS ISOTOPES/ THYROXINE, pharmacodynamics

3446. **Rosenberg D, David L, Frederich A, et al**: Ostéopétrose d'Albers-Schönberg. Deux observations avec étude de l'absorption digestive du Ca47.
Ann Pediat (Paris) 16:237-47, 2 Apr 69 (Fre)
ADRENAL CORTEX HORMONES, therapeutic use/ ANEMIA, complications/ ANTIBIOTICS, therapeutic use/ BLOOD TRANSFUSION/ BONE MARROW, transplantation/ *CALCIUM,

metabolism/ CALCIUM, DIETARY/ CALCIUM ISOTOPES/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ HEPATOMEGALY, complications/ HUMAN/ INTESTINAL ABSORPTION/ *INTESTINAL ABSORPTION/ JAUNDICE, NEONATAL, complications/ MALABSORPTION SYNDROMES, complications/ MALE/ *OSTEOPETROSIS/ OSTEOPETROSIS, radiography/ RICKETS, complications/ SPLENOMEGALY, complications/ THROMBOPENIA, complications/ TRANSPLANTATION, HOMOLOGOUS/ VITAMIN D, administration & dosage

3447. **Rosenberg D, Zañartu J:** Modificaciones histológicas de endometrio causadas por algunos esteroides sexuales naturales y sintéticos y el anillo intrauterino, usados para controlar la fertilidad en la mujer.
Rev Med Chile 95:501-12, Sep 67 (Spa)
ADULT/ BIOPSY/ CONTRACEPTIVE AGENTS, adverse effects/ *ENDOMETRIUM, drug effects/ ENGLISH ABSTRACT/ *ESTROGENS, adverse effects/ FEMALE/ HUMAN/ *INTRAUTERINE DEVICES, adverse effects

3448. **Rosenberg M:** Factors in oral contraception related hypertension.
Amer J Obstet Gynec 104:1221-2, 15 Aug 69
ADULT/ AGE FACTORS/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ *HYPERTENSION, chemically induced/ KIDNEY DISEASES, complications

3449. **Rosenfield RL:** A competitive protein binding method for the measurement of plasma androstenedione.
Steroids 14:251-61, Sep 69
ADULT/ *ANDROSTANES, blood/ CHROMATOGRAPHY, THIN LAYER/ FEMALE/ HUMAN/ HYDROXYSTEROID DEHYDROGENASE, metabolism/ *17-KETOSTEROIDS, blood/ MALE/ METHODS/ PROTEIN BINDING/ *TESTOSTERONE, blood/ TRITIUM

3450. **Rosenthal HE, Slaunwhite WR Jr, Sandberg AA:** Transcortin: a corticosteroid-binding protein of plasma. XI. Effects of estrogens or pregnancy in guinea pigs.
Endocrinology 85:825-30, Nov 69
ALOPECIA, chemically induced/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ DIALYSIS/ *DIETHYLSTILBESTROL, pharmacodynamics/ DIETHYLSTILBESTROL, toxicity/ *ESTRADIOL, pharmacodynamics/ GUINEA PIGS/ *HYDROCORTISONE, blood/ PERICARDIAL EFFUSION, chemically induced/ PREGNANCY/ *PREGNANCY, ANIMAL/ PROTEIN BINDING/ *TRANSCORTIN/ TRITIUM

3451. **Rosenthal MW, Russell JJ, Moretti ES, et al:** Effective dose of DTPA, spaced at 3-day intervals, in removal of skeletal plutonium. ANL-7535.
US AEC Argonne Nat Lab 65-7, Dec 68
ANIMAL EXPERIMENTS/ *BONE AND BONES, metabolism/ *DTPA, administration & dosage/ FEMALE/ INJECTIONS, INTRAPERITONEAL/ *LIVER, metabolism/ MICE/ *PLUTONIUM, poisoning/ TIME FACTORS

3452. **Rosner W:** Interaction of adrenal and gonadal steroids with proteins in human plasma.
New Eng J Med 281:658-65, 18 Sep 69 (28 ref.)
*ADRENAL CORTEX HORMONES/ ADULT/ ALPHA GLOBULIN/ ANIMAL EXPERIMENTS/ BETA GLOBULIN/ BLOOD PROTEIN ELECTROPHORESIS/ *BLOOD PROTEINS/ CARBON ISOTOPES/ ELECTROPHORESIS/ *ESTRADIOL/ FEMALE/ GEL FILTRATION/ HUMAN/ HYDROCORTISONE/ MALE/ PROTEIN BINDING/ REVIEW/ *TESTOSTERONE/ TESTOSTERONE, blood/ *TRANSCORTIN/ TRANSCORTIN, blood/ TRANSCORTIN, isolation & purification/ TRITIUM

3453. **Rosner W, Christy NP, Kelly WG:** Partial purification and preliminary characterization of estrogen-binding globulins from human plasma.
Biochemistry (Wash) 8:3100-8, Jul 69
ACRYLATES/ AMMONIUM COMPOUNDS/ BINDING SITES/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ DEAE-CELLULOSE/ DEXTRAN/ ELECTROPHORESIS/ *ESTRADIOL/ GEL FILTRATION/ HUMAN/ HYDROGEN-ION CONCENTRATION/ METHODS/ MOLECULAR WEIGHT/ OSMOLAR CONCENTRATION/ PAPER/ PROTEIN BINDING/ SERUM ALBUMIN/ *SERUM GLOBULIN/ SERUM GLOBULIN, isolation & purification/ SILICA/ TRITIUM

3454. **Rossi NP, Flynn JR:** Indications for mediastinoscopy.
Geriatrics 24:132-6, Sep 69
ADULT/ AGED/ HUMAN/ LUNG NEOPLASMS, diagnosis/ LUNG NEOPLASMS, radiography/ LYMPHOMA, diagnosis/ MALE/ MEDIASTINAL CYST, diagnosis/ *MEDIASTINAL DISEASES, diagnosis/ MIDDLE AGE/ SARCOIDOSIS, diagnosis/ SARCOIDOSIS, radiography/ THORACOSCOPY/ THYMOMA, diagnosis/ THYROID DISEASES, diagnosis/ TUBERCULOSIS, diagnosis/ VASCULAR DISEASES, diagnosis

3455. **Rossi Cartoni C, Bignami G:** Influenza di un fattore legato alla figliata d'origine sulla regolazione del ciclo estrale nel ratto, e rapporti fra il tipo di ciclo estrale e l'andamento della sensibilità a stimoli deciduogeni.
Ann Ist Sup Sanit 3:135-48, 1967 (Ita)
ANIMAL EXPERIMENTS/ DECIDUA, enzymology/ ENDOMETRIUM, enzymology/ ENGLISH ABSTRACT/ *ESTRUS/ FEMALE/ *HYDROLASES, analysis/ *OVULATION/ PREGNANCY/ PREGNANCY, ANIMAL/ *PSEUDOPREGNANCY/ RATS/ *UTERUS, enzymology/ VAGINAL SMEARS

3456. **Rostad H:** Tumor testis.
Nord Med 82:1037-41, 21 Aug 69 (Nor)
ADULT/ AGE FACTORS/ AGED/ BRAIN NEOPLASMS/ DIAGNOSIS, DIFFERENTIAL/ *DISGERMINOMA, diagnosis/ ENGLISH ABSTRACT/ EPIDIDYMITIS, diagnosis/ HUMAN/ LIVER NEOPLASMS/ LUNG NEOPLASMS/ LYMPHATIC METASTASIS/ MALE/ MEDIASTINAL NEOPLASMS/ MIDDLE AGE/ NEOPLASM METASTASIS/ *TERATOID TUMOR, diagnosis/ *TESTICULAR NEOPLASMS, diagnosis/ TESTICULAR NEOPLASMS, radiotherapy/ TESTICULAR NEOPLASMS, surgery/ TESTIS, surgery/ TIME FACTORS

3457. **Rostad H, Storen EJ:** Tumor testis med solitaer metastase.
Nord Med 82:1041-2, 21 Aug 69 (Nor)
ADENOCARCINOMA, PAPILLARY, surgery/ ADULT/ ENGLISH ABSTRACT/ HUMAN/ MALE/ MEDIASTINAL NEOPLASMS, surgery/ NEOPLASM METASTASIS/ TERATOID TUMOR, radiotherapy/ *TERATOID TUMOR, surgery/ TESTICULAR NEOPLASMS, radiotherapy/ *TESTICULAR NEOPLASMS, surgery/ TIME FACTORS

3458. **Roszkowski I, Pisarek-Miedzińska D, Pomorska A:** Poszukiwanie przeciwciał przeciwtarczycowych u kobiet ciężarnych.
Ginek Pol 40:751-3, Jul 69 (Pol)
*AUTOANTIBODIES, analysis/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ PREGNANCY/ *THYROID GLAND, immunology

3459. **Roth F, Angst-Horridge A, Arnold M, et al:** Neuere Ergebnisse vergleichender klinischer Versuche mit oralen Kontrazeptiva.
Gynaecologia (Basel) 167:467-72, 1969 (Ger)
CLINICAL RESEARCH/ COMPARATIVE STUDY/ CONTRACEPTIVES, ORAL, administration & dosage/ CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, therapeutic use/ ESTROGENS, therapeutic use/ FEMALE/ HUMAN/ MENSTRUATION DISORDERS, chemically induced

3460. **Roth F, Richter RH:** Langzeitbehandlung mit Cyclofenil (Sexovid)

Gynaecologia (Basel) 167:462-6, 1969 (Ger)
ADULT/ ALANINE AMINOTRANSFERASE, blood/ ALKALINE PHOSPHATASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ BLOOD UREA NITROGEN/ CHOLESTEROL, blood/ CREATININE, blood/ *CYCLOHEXANE, therapeutic use/ FEMALE/ HUMAN/ *MENSTRUATION DISORDERS, drug therapy/ PREGNANEDIOL, urine/ PROTEIN-BOUND IODINE TEST/ STERILITY, FEMALE, blood/ *STERILITY, FEMALE, drug therapy/ STERILITY, FEMALE, urine

3461. **Rothen A, Mathot C, Thiele EH:** Determination of human and bovine growth hormones in the physiological range by the immunoelectroadsorption method. Experientia 25:420-1, 15 Apr 69
ACROMEGALY, blood/ *ADSORPTION/ ANIMAL EXPERIMENTS/ CATTLE/ HUMAN/ HYPOPITUITARISM, blood/ *IMMUNOASSAY/ METHODS/ RABBITS/ *SOMATOTROPIN, blood

3462. **Rother P:** Uber Vorkommen und Funktion der oxyphilen Weishschen Zellen in Glandulae parathyreoideae.
Z Mikr Anat Forsch 79:533-56, 1968 (Ger)
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ CHILD/ CHILD, PRESCHOOL/ CITRATES, metabolism/ ENGLISH ABSTRACT/ FEMALE/ HISTOLOGICAL TECHNICS/ HORSES/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ MIDDLE AGE/ *PARATHYROID GLANDS, cytology/ PARATHYROID GLANDS, metabolism/ PARATHYROID GLANDS, physiology/ PARATHYROID HORMONE, physiology/ SEX FACTORS/ STATISTICS/ VITAMIN D, physiology

3463. **Rothfield NF:** General considerations in the treatment of systemic lupus erythematosus.
Mayo Clin Proc 44:691-6, Sep 69
ADRENAL CORTEX HORMONES, therapeutic use/ ALLERGENS/ ANTIMALARIALS, therapeutic use/ ASPIRIN, therapeutic use/ CONTRACEPTION/ CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, therapy/ PREDNISONE, therapeutic use/ PREGNANCY/ PREGNANCY COMPLICATIONS/ REST/ SUNLIGHT

3464. **Rouchy R, Grosieux P:** A propos des abus de l'hormonothérapie gynécologique.
Bull Fed Gynec Obstet Franc 19:179-80, Apr-May 67 (Fre)
ADULT/ *DYDROGESTERONE, therapeutic use/ *ESTROGENS, adverse effects/ *ETHINYL ESTRADIOL, therapeutic use/ FEMALE/ HUMAN

3465. **Roudier R, Roussel A:** Modification de la neurosécrétion hypothalamo-hypophysaire d'animaux soumis au confinement.
C R Soc Biol (Paris) 162:2073-6, 1968 (Fre)
ANIMAL EXPERIMENTS/ *CROWDING/ FEMALE/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, anatomy & histology/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ MALE/ *NEUROSECRETION/ RATS/ *STRESS, PSYCHOLOGIC/ SWEATING/ THIRST

3466. **(Rous FP), Sulek K:** Rok 1966 nagroda dla Francis Peyton Rousa za odkrycie rakotwórczych wirusów i dla Charles Huginsa za zastosowanie hormonów w leczeniu nowotworow.
Wiad Lek 22:1161-2, 15 Jun 69 (Pol)
CURRENT BIOG-OBIT/ ESTROGENS, history/ ESTROGENS, therapeutic use/ HISTORICAL ARTICLE/ HISTORICAL BIOGRAPHY/ HISTORY OF MEDICINE, 20TH CENT./ NEOPLASMS, drug therapy/ *NOBEL PRIZE, history/ ONCOGENIC VIRUSES/ UNITED STATES

3467. **Rousseau G, Crabbé J:** Effet de l'aldostérone sur l'incorporation d'uridine dans les fractions acido-soluble et ribonucléique de vessie de Bufo marinus. Arch Int Physiol 77:399-400, May 69 (Fre)
*ALDOSTERONE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ BLADDER, drug effects/ *BLADDER, metabolism/ DACTINOMYCIN, pharmacodynamics/ *RNA, biosynthesis/ *TOADS/ TRITIUM/ *URIDINE, metabolism

3468. **Roussel C, Tuchmann-Duplessis H:** A propos des actions embryotoxique et tératogène du Triton WR 1339 chez la souris: influence de la cortisone.
C R Acad Sci [D] (Paris) 269:358-61, 1969 (Fre)
*ABNORMALITIES, DRUG-INDUCED, prevention & control/ ABORTION/ ANIMAL EXPERIMENTS/ *CORTISONE, therapeutic use/ FEMALE/ MICE/ PREGNANCY/ PROGESTERONE, therapeutic use/ *SURFACE-ACTIVE AGENTS, adverse effects

3469. **Routier G, Corette L, Darras P:** Hepatite severe et progestatifs de synthèse.
J Sci Med Lille 85:229-34, Apr 67 (Fre)
ADULT/ ENDOMETRITIS, drug therapy/ ENZYME TESTS/ FEMALE/ *HEPATITIS, TOXIC, etiology/ HUMAN/ LIVER FUNCTION TESTS/ MENSTRUATION DISORDERS, drug therapy/ *PROGESTATIONAL HORMONES, adverse effects

3470. **Routier G, Wemeau L, Sansoen M:** Métastase intra-thyroidienne d'un hypernéphrome.
Rev Franc Endocr Clin 10:121-6, Mar-Apr 69 (Fre)
*ADENOCARCINOMA/ ADENOCARCINOMA, radiotherapy/ AGED/ CASE REPORT/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ *KIDNEY NEOPLASMS/ KIDNEY NEOPLASMS, radiotherapy/ MALE/ NEOPLASM METASTASIS/ NEPHRECTOMY/ *THYROID NEOPLASMS

3471. **Roux G, Dumas JC:** Recherche de la sensibilité maximale à l'A.D.H. chez les bufonidés, animaux réactifs biologiques.
J Physiol (Paris) 60:Suppl 2:535-6, 1968 (Fre)
ANIMAL EXPERIMENTS/ *BIOLOGICAL ASSAY/ BODY WEIGHT/ METHODS/ SPECIES SPECIFICITY/ TOADS/ *VASOPRESSIN, analysis

3472. **Rowland RE, Farnham JE:** The deposition of uranium in bone. Health Phys 17:139-44, Jul 69
ANIMAL EXPERIMENTS/ *BONE AND BONES, metabolism/ DOGS/ FEMUR, metabolism/ INJECTIONS, INTRAVENOUS/ RADIOAUTOGRAPHY/ RADIOCHEMISTRY/ RADIOISOTOPES/ TIBIA, metabolism/ TIME/ *URANIUM, metabolism

3473. **Rowlatt U:** Cockayne's syndrome. Report of case with necropsy findings.
Acta Neuropath (Berlin) 14:52-61, 9 Sep 69
ADULT/ *BRAIN, pathology/ BRAIN STEM, pathology/ CALCINOSIS, pathology/ CEREBELLUM, pathology/ CEREBRAL CORTEX, pathology/ CHILD/ *DEMYELINATION, familial & genetic/ *DWARFISM, familial & genetic/ FACIAL EXPRESSION/ FEMALE/ GANGLIA, BASAL, pathology/ HUMAN/ MALE/ MENTAL RETARDATION, familial & genetic/ *MICROCEPHALY, familial & genetic/ PURKINJE CELLS/ RETINAL DEGENERATION, familial & genetic/ RETINAL PIGMENTS

3474. **Roy A, Slaunwhite WR Jr:** Studies on phenolic steroids in human subjects. XII. In vitro metabolism of estradiol-6,7-3H-3-glucosiduronate-14C and of estrone-6,7-3H-glucosiduronate by human placental estradiol-17beta-dehydrogenase.
Steroids 14:327-34, Sep 69
CARBON ISOTOPES/ ESTRADIOL, biosynthesis/ *ESTRADIOL, metabolism/ ESTRONE, biosynthesis/ *ESTRONE, metabolism/ FEMALE/ *GLUCURONATES, metabolism/ GUINEA PIGS/ HUMAN/ *HYDROXYSTEROID DEHYDROGENASE,

metabolism/ LIVER, enzymology/ METHODS/ NAD, metabolism/ PLACENTA, enzymology/ PREGNANCY/ TRITIUM

3475. **Royer P, David L:** La lithiase urinaire phosphocalcique, multiple et non recidivante du nourrisson.
Arch Franc Pediat 26:605-20, Jun-Jul 69 (Fre)
BODY HEIGHT/ BODY WEIGHT/ *CALCIUM PHOSPHATES/ FEMALE/ *HIP DISLOCATION, CONGENITAL/ HIP DISLOCATION, CONGENITAL, rehabilitation/ HUMAN/ INFANT/ KIDNEY, pathology/ KIDNEY CALCULI/ KIDNEY CALCULI, pathology/ KIDNEY CALCULI, surgery/ MALE/ *PSYCHOMOTOR DISORDERS/ PYURIA, complications/ URETERAL CALCULI/ *URINARY CALCULI/ VITAMIN D, administration & dosage/ VITAMIN D, adverse effects

3476. **Royer R, Lamarche M, Rombach M:** Rôle de la bradykinine dans la réaction vasomotrice médicament alcool. J Physiol (Paris) 60:Suppl 2:536-7, 1968 (Fre)
*ALCOHOLS, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ *BRADYKININ, pharmacodynamics/ DEPRESSION, CHEMICAL/ DISULFIRAM, pharmacodynamics/ DRUG SYNERGISM/ ELECTROCARDIOGRAPHY/ PERFUSION/ RABBITS/ RESPIRATION, drug effects/ SEROTONIN, pharmacodynamics/ *VASOMOTOR SYSTEM, drug effects

3477. **Royer R, Lamarche M, Rombach M:** Etude comparée de la sérotoninémie et de l'élimination urinaire d'acide 5-hydroxy-indole-acétique chez le lapin soumis à l'action du disulfirame.
C R Soc Biol (Paris) 162:2302-4, 1968 (Fre)
ANIMAL EXPERIMENTS/ *DISULFIRAM, pharmacodynamics/ FLUOROMETRY/ GLUCOSE/ *HYDROXYINDOLEACETIC ACID, urine/ PERFUSION/ RABBITS/ *SEROTONIN, blood

3478. **Rozen VB, Ramikh MV, Gincherman EZ, et al:** Sviazyvaniegidrokortizona transkortinom pri diéntsefal'nom sindrome, protekaiushchem po tinu bolezni itsenko--kushinga.
Probl Endokr (Moskva) 15:48-52, May-Jun 69 (Rus)
ADULT/ CARBON ISOTOPES/ *CUSHING'S SYNDROME, physiopathology/ ESTROGENS, pharmacodynamics/ FEMALE/ HUMAN/ *HYDROCORTISONE, blood/ 17-HYDROXYCORTICOSTEROIDS, blood/ 17-HYDROXYCORTICOSTEROIDS, urine/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiopathology/ MALE/ *TRANSCORTIN, blood

3479. **Rozen VB, Zavadskiĭ PS:** O roli pecheni i plazmy krovi v obrazovanii kortikosteroidsviazyvaiushchego globulina (transkortina)
Probl Endokr (Moskva) 14:66-71, Nov-Dec 68 (Rus)
ANIMAL EXPERIMENTS/ *BLOOD, analysis/ BLOOD PROTEINS/ ENGLISH ABSTRACT/ GUINEA PIGS/ *HYDROCORTISONE, metabolism/ *LIVER, analysis/ LIVER, metabolism/ PROTEIN BINDING/ PROTEINS/ STIMULATION, CHEMICAL/ TISSUE EXTRACTS/ *TRANSCORTIN, biosynthesis

3480. **Rozovskaia IT:** Ob opredelenii 17-iksikortickosterodov v moche posle prevrashcheniia ikh v 17-ketosteroidy.
Lab Delo 8:464-7, 1967 (Rus)
COMPARATIVE STUDY/ FEMALE/ HUMAN/ HYDROCORTISONE, analysis/ *17-HYDROXYCORTICOSTEROIDS, urine/ *17-KETOSTEROIDS, urine/ MALE/ METHODS/ PHOTOMETRY

3481. **Rozsívalová V, Diabalová H:** Lysenyl in allergic dermatoses.
Sborn Ved Prac Lek Fak Karlov Univ 11:655-8, 1968
CHRONIC DISEASE/ *ECZEMA, drug therapy/ HUMAN/ *HYPERSENSITIVITY, drug therapy/ *MALEATES, therapeutic use/ *SEROTONIN, antagonists & inhibitors/ TETRACYCLINE, therapeutic use/ URTICARIA, drug therapy

3482. **Rubin L, Tuchweber B:** Etude chimique sur l'inhibition de la calcergie. Rev Canad Biol 27:313-9, Dec 68 (Fre)
ANIMAL EXPERIMENTS/ CALCINOSIS, chemically induced/ *CALCINOSIS, drug therapy/ CESIUM, therapeutic use/ CHLORIDES/ *CHROMIUM, therapeutic use/ DEXTRAN, therapeutic use/ *EGG YOLK/ ENGLISH ABSTRACT/ HYPERCALCEMIA, chemically induced/ HYPERCALCEMIA, drug therapy/ INJECTIONS, INTRAVENOUS/ INJECTIONS, SUBCUTANEOUS/ IRON, therapeutic use/ *IRON-DEXTRAN COMPLEX, therapeutic use/ *LEAD/ LEAD, blood/ MAGNESIUM, therapeutic use/ *OVALBUMIN, therapeutic use/ PHOSPHATES, blood/ *PYROPHOSPHORIC ACIDS, therapeutic use/ RATS/ STRONTIUM, therapeutic use/ TIME FACTORS

3483. **Rubin RT, Kales A, Clark BR:** Decreased 17-hydroxycorticosteroid and VMA excretion during sleep following glutethimide administration in man.
Life Sci 8:959-64, 1 Sep 69
ADULT/ ELECTROENCEPHALOGRAPHY/ ELECTROOCULOGRAPHY/ *GLUTETHIMIDE, pharmacodynamics/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, urine/ MALE/ *MANDELIC ACID, urine/ *SLEEP, REM/ VANILMANDELIC ACID, urine

3484. **Rubinstein E:** Uber das Verhalten des Blutzuckers und der freien Fettsäuren m Plasma nach Insulin bei Kindern verschiedenen Alters und bei hypphysären Zwergen. Arch Kinderheilk 178:168-79, Jan 69 (Ger)
ADOLESCENCE/ AGE FACTORS/ *BLOOD SUGAR/ CHILD/ CHILD, PRESCHOOL/ *DWARFISM, PITUITARY, blood/ *FATTY ACIDS, NONESTERIFIED, blood/ HUMAN/ INFANT/ INFANT, NEWBORN/ *INSULIN, pharmacodynamics

3485. **Rubio B, González R, Bielak S:** Acetato de medroxi-progesterona un progestageno de effecto prolongado. Communicación sobre su empleo como anticoncepcional.
Ginec Obstet Mex 24:587-97, Jun 69 (Spa)
ADULT/ *CONTRACEPTIVE AGENTS, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *MEDROXYPROGESTERONE, pharmacodynamics

3486. **Ruby JR, Dyer RF, Skalko RG:** Continuities between mitochondria and endoplasmic reticulum in the mammalian ovary. Z Zellforsch 97:30-7, 1969
ANIMAL EXPERIMENTS/ *ENDOPLASMIC RETICULUM/ *ENDOPLASMIC RETICULUM, metabolism/ FEMALE/ *GUINEA PIGS/ HISTOLOGICAL TECHNICS/ *MICE/ *MICROSCOPY, ELECTRON/ MITOCHONDRIA/ *MITOCHONDRIA, metabolism/ *OVARY, cytology/ *PROTEINS, metabolism

3487. **Ruch JV:** Distribution de dexaméthasone 3H dans des cellules cultivées in vitro.
C R Soc Biol (Paris) 163:200-2, 1969 (Fre)
CHICK EMBRYO/ *CYTOPLASM, metabolism/ *DEXAMETHASONE, metabolism/ FIBROBLASTS/ LIVER, metabolism/ RADIOAUTOGRAPHY/ TISSUE CULTURE/ TRITIUM

3488. **Ruch JV:** Etude autoradiographique de l'incorporation d'uridine tritiée dans des cultures de cellules hépatiques soumises ou non à l'action du phosphate de dexaméthasone.
C R Soc Biol (Paris) 162:2254-7, 1968 (Fre)
CHICK EMBRYO/ *DEXAMETHASONE, pharmacodynamics/ LIVER, drug effects/ *LIVER, metabolism/ PHOSPHATES/ RADIOAUTOGRAPHY/ RIBONUCLEASE/ *RNA, biosynthesis/ TISSUE CULTURE/ TRITIUM/ *URIDINE, metabolism

3489. **Rud' IA, Timofeev EP:** Uboĭnyĭ vykhod miasa i subproduktov khriakov, kastrirovannykh razlichnymi metodami. Veterinariia 44:103-6, Feb 67 (Rus)
*CASTRATION, veterinary/ MALE/ *MEAT/ *SWINE

3490. **Rudas SL, Bárdos FV:** Gingival hyperplasia related to treatment with diphenylhydantoin (diphedan; DH).
Int Z Klin Pharmakol Ther Toxik 2:180-4, Apr 69
ADOLESCENCE/ ADRENAL GLANDS, drug effects/ ADULT/ CHILD/ CHILD, PRESCHOOL/ CLINICAL RESEARCH/ CORTICOTROPIN, physiology/ *DIPHENYLHYDANTOIN, adverse effects/ EPILEPSY, drug therapy/ FEMALE/ *GINGIVAL HYPERPLASIA, chemically induced/ GLUCOCORTICOIDS, secretion/ HUMAN/ 17-KETOSTEROIDS, urine/ MALE/ MIDDLE AGE/ PITUITARY-ADRENAL SYSTEM, drug effects

3491. **Rudenko MG:** Morfologicheskie osnovy angiograffii patologicheski izmenennykh nadpochechnikov.
Probl Endokr (Moskva) 14:54-9, May-Jun 68 (Rus)
*ADRENAL GLAND DISEASES, diagnosis/ ADRENAL GLAND HYPERFUNCTION, radiography/ *ANGIOGRAPHY/ ENGLISH ABSTRACT/ HUMAN/ INFECTION, radiography

3492. **Ruderman AI, Slavin LG:** Distantsionnaia luchevaia terapiia adenom gipofiza.
Probl Endokr (Moskva) 13:42-9, May-Jun 67 (Rus)
ACROMEGALY, etiology/ ADENOMA, complications/ *ADENOMA, radiotherapy/ ADOLESCENCE/ ADULT/ AGED/ CUSHING'S SYNDROME, etiology/ ENGLISH ABSTRACT/ FEMALE/ FROEHLICH'S SYNDROME, etiology/ HUMAN/ MALE/ MIDDLE AGE/ PITUITARY NEOPLASMS, complications/ *PITUITARY NEOPLASMS, radiotherapy/ RADIOTHERAPY DOSAGE/ RADIOTHERAPY, HIGH ENERGY/ RADIUM, administration & dosage

3493. **Rüdiger W, Seyer G:** Thermosensitive bar-pressing behavior of the rat with unilateral lesion in the hypothalamus and during cortical spreading depression. Acta Biol Exp (Warsz) 28:375-82, 1968
ANIMAL EXPERIMENTS/ BODY TEMPERATURE REGULATION/ CONDITIONING, OPERANT/ HEAT/ *HYPOTHALAMUS, physiology/ RATS/ REINFORCEMENT SCHEDULE/ *SPREADING CORTICAL DEPRESSION

3494. **Rudinger J, Kesarev OV, Poduška K, et al:** (4-proline, 8-isoleucine)-oxytocin and (4-leucine, 8-isoleucine)-oxytocin, possible intermediates in the evolutionary series of neurophypophysial hormones: synthesis and some pharmacological properties.
Experientia 25:680-2, 1969
*ADRENAL CORTEX HORMONES, chem synthesis/ ADRENAL CORTEX HORMONES, pharmacodynamics/ AMINO ACID SEQUENCE/ ISOLEUCINE/ METHODS/ OXYTOCIN/ PROLINE

3495. **Rudolph R, Weiss E, Biel M:** Multiples Ewing-Sarkom bei einem Hund.
Zbl Veterinaermed [A] 16:426-37, Jul 69 (Ger)
ADRENAL GLAND NEOPLASMS, veterinary/ BONE NEOPLASMS, pathology/ *BONE NEOPLASMS, veterinary/ *DOG DISEASES, pathology/ DOGS/ HEART NEOPLASMS, veterinary/ MALE/ NEOPLASMS, MULTIPLE PRIMARY, pathology/ *NEOPLASMS, MULTIPLE PRIMARY, veterinary/ SARCOMA, EWING'S, pathology/ *SARCOMA, EWING'S, veterinary/ SKIN NEOPLASMS, veterinary

3496. **Rudzim VK:** Vliianie triptofana, serotonina, kinurenina, kortikosteroidov i peroksidazy na aktivnost' triptofanpirrolazy, dekarboksilazy 5-OH triptofana i katalazy pecheni u krys.
Biull Eksp Biol Med 67:48-50, Feb 69 (Rus)
*ADRENAL CORTEX HORMONES, pharmacodynamics/ ANIMAL EXPERIMENTS/ *CARBOXY-LYASES/ *CATALASE/ ENGLISH ABSTRACT/ FEMALE/ *KYNURENINE, pharmacodynamics/ *LIVER, drug effects/ LIVER, enzymology/ RATS/ *SEROTONIN, pharmacodynamics/ *TRYPTOPHAN, pharmacodynamics/ *TRYPTOPHAN OXYGENASE

3497. **Rüedi BA:** A quantitative study of spermatogenesis in rats bearing hypothalamic lesions of mammillary and supra-chiasmatic nuclei.
Acta Endocr (Kobenhavn) 60:276-80, Feb 69
ANIMAL EXPERIMENTS/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ HYPOTHALAMUS, physiology/ LEYDIG CELLS/ MALE/ ORGAN WEIGHT/ RATS/ *SPERMATOZOA/ TESTIS

3498. **Ruf H, Ayme Y, Sudan JP:** Action heureuse d'une mauvaise indication des gestagènes.
Bull Fed Gynec Obstet Franc 19:132-3, Apr-May 67 (Fre)
ADULT/ CASE REPORT/ FEMALE/ HUMAN/ *LEIOMYOMA/ *MENORRHAGIA, complications/ PROGESTATIONAL HORMONES, adverse effects/ *PROGESTATIONAL HORMONES, therapeutic use/ *UTERINE NEOPLASMS

3499. **Rufer C:** Synthese und antibakterielle Wirkung sauerer und basischer A-nor-Androstan-Derivate.
Liebig Ann Chem 726:145-51, 1969 (Ger)
ACIDS/ ALKALIES/ *ANDROSTANES, chem synthesis/ *ANDROSTANES, pharmacodynamics/ *ANTIBIOTICS, chem synthesis/ *ANTIBIOTICS, pharmacodynamics/ ENGLISH ABSTRACT/ MYCOBACTERIUM, drug effects/ MYCOBACTERIUM TUBERCULOSIS, drug effects/ *NORSTEROIDS, chem synthesis/ *NORSTEROIDS, pharmacodynamics

3500. **Ruitenberg EJ, Kroes R, Berkvens J:** Recherches histologiques sur la prostate comme moyen de contrôle de l'administration d'oestrogènes chez le veau. Bull Office Int Epizoot 68:759-67, May 67 (Fre)
ANIMAL EXPERIMENTS/ CATTLE/ ENGLISH ABSTRACT/ *ESTROGENS/ ESTROGENS, blood/ ESTROGENS, urine/ MALE/ *PROSTATE, anatomy & histology

3501. **Rummel J, Sallin E, Lipscomb H:** Circadian rhythms in simulated and manned orbital space flight.
Rass Neurol Veg 21:41-56, 30 Apr 67
ADRENAL CORTEX HORMONES, urine/ *ADRENAL GLANDS, physiology/ ATTENTION/ *BODY TEMPERATURE/ *CEREBRAL CORTEX, physiology/ *CIRCADIAN RHYTHM/ ELECTROCARDIOGRAPHY/ ELECTROENCEPHALOGRAPHY/ ELECTROOCULOGRAPHY/ EYE MOVEMENTS/ HEART RATE/ HUMAN/ KIDNEY, physiology/ *SPACE FLIGHT/ TIME PERCEPTION

3502. **Rumpler Y:** Action d'un antithyroïdien, le 1-méthyl, 2-mercapto imidazol (Basolan) sur la croissance de cultures de fibroblastes cardiaques d'embryon de poulet. C R Soc Biol (Paris) 162:2260-2, 1968 (Fre)
ANIMAL EXPERIMENTS/ CELL DIVISION/ CHICK EMBRYO/ CULTURE MEDIA/ *FIBROBLASTS, drug effects/ *HEART, embryology/ *IMIDAZOLES, pharmacodynamics/ *THYROID ANTAGONISTS, pharmacodynamics/ TISSUE CULTURE

3503. **Rüppell V, Noltenius H:** Sogenannte zytotoxische Schrumpfnebennieren.
Med Welt 24:1397-402, 14 Jun 69 (Ger)
*ADDISON'S DISEASE, etiology/ ADDISON'S DISEASE, pathology/ *ADRENAL GLAND DISEASES, complications/ ADRENAL GLAND DISEASES, pathology/ ADRENAL GLANDS, pathology/ ATROPHY, complications/ ATROPHY, pathology/ *AUTOIMMUNE DISEASES, complications/ AUTOIMMUNE DISEASES, pathology/ FEMALE/ HUMAN/ MIDDLE AGE

3504. **Russu G, Stanciu C, Drăgan M, et al:** Dihormonoza glandei suprarenale din ulcerul gastro-duodenal.
Rev Medicochir Iasi 73:53-9, Jan-Mar 69 (Rum)
ADOLESCENCE/ *ADRENAL GLAND DISEASES, complications/ ADULT/ AGED/ ELECTROLYTES, metabolism/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *17-KETOSTEROIDS, urine/ MALE/ MANDELIC ACID, urine/ MIDDLE AGE/

*MINERALOCORTICOIDS, secretion/ *PEPTIC ULCER, complications/ VANILMANDELIC ACID, urine

3505. **Rust CC, Meyer RK:** Hair color, molt, and testis size in male, short-tailed weasels treated with melatonin.
Science 165:921-2, 29 Aug 69
ANIMAL EXPERIMENTS/ CARNIVORA/ *HAIR, drug effects/ *MELATONIN, pharmacodynamics/ *PIGMENTATION, drug effects/ PITUITARY GLAND, transplantation/ *TESTIS, drug effects/ TRANSPLANTATION, AUTOLOGOUS

3506. **Rutenburg AM, Kim H, Fischbein JW, et al:** Histochemical and ultrastructural demonstration of gamma-glutamyl transpeptidase activity.
J Histochem Cytochem 17:517-26, Aug 69
*ACYLTRANSFERASES, analysis/ *AMIDES/ ANIMAL EXPERIMENTS/ AZIDES/ *AZO COMPOUNDS/ BRAIN, enzymology/ CAPILLARIES, enzymology/ COPPER/ *DIAZONIUM COMPOUNDS/ GASTROINTESTINAL SYSTEM, enzymology/ GENITALIA, MALE, enzymology/ GLUTAMATES/ *HISTOCYTOCHEMISTRY/ KIDNEY, enzymology/ LIVER, enzymology/ LUNG, enzymology/ METHODS/ MICROSCOPY, ELECTRON/ *NAPHTHALENES/ OSMIUM/ OVARY, enzymology/ PANCREAS, enzymology/ RATS/ SPLEEN, enzymology/ THYMUS GLAND, enzymology

3507. **Rutishauser G:** Die Behandlung des Prostatakarzinoms.
Praxis 58:708-13, 3 Jun 69 (Ger)
ESTROGENS, therapeutic use/ HUMAN/ MALE/ PROSTATIC NEOPLASMS, drug therapy/ PROSTATIC NEOPLASMS, occurrence/ PROSTATIC NEOPLASMS, surgery/ *PROSTATIC NEOPLASMS, therapy

3508. **Ryan WL, Coronel DM:** Adenosine 3',5' monophosphate as an inhibitor of ovulation and reproduction.
Amer J Obstet Gynec 105:121-3, 1 Sep 69
*ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE/ ANIMAL EXPERIMENTS/ FEMALE/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ IN VITRO/ MICE/ *OVULATION, drug effects/ PREGNANCY/ *REPRODUCTION, drug effects/ THEOPHYLLINE, pharmacodynamics

3509. **Rybakova MN:** O vliianii nekotorykh pestitsidov na gipofiz i ego gonadotropnuiu funktsiiu.
Gig Sanit 33:27-31, Nov 68 (Rus)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *GONADOTROPINS, PITUITARY, secretion/ *PESTICIDES, toxicity/ *PITUITARY DISEASES, chemically induced/ RATS

3510. **Rybakowa M, Sikorska B:** Obraz radiologiczny blaski zbitej okołozębowej w niedoczynności tarczycy u dzieci. Pol Tyg Lek 24:1169-71, 28 Jul 69 (Pol)
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPOTHYROIDISM, complications/ *HYPOTHYROIDISM, radiography/ MALE/ PERIODONTAL DISEASES, etiology/ *PERIODONTAL DISEASES, radiography

3511. **Rychalska B:** Przypadek śpiączki wątrobowej w przebiegu wirusowego zapalenia wątroby zakończony wyleczeniem. Przegl Epidem 23:353-6, 1969 (Pol)
ADULT/ CASE REPORT/ ENGLISH ABSTRACT/ FEMALE/ GLUCOCORTICOIDS, therapeutic use/ *HEPATIC COMA, etiology/ *HEPATITIS, INFECTIOUS, complications/ HUMAN

3512. **Rydén G, Sjöholm I:** Half-life of oxytocin in blood of pregnant and non-pregnant women.
Acta Endocr (Kobenhavn) 61:425-31, Jul 69
ABORTION, LEGAL/ CHROMATOGRAPHY, THIN LAYER/ CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ GESTATIONAL AGE/ HUMAN/ *OXYTOCIN, blood/ OXYTOCIN, urine/ *PREGNANCY/ TRITIUM

3513. **Rzeszowska G, Frelek Z:** Badania składu aminowego szyszynki u zwierząt stałocieplnych i zmiennocieplnych przy pomocy chromatografii skrawkowej. Endokr Pol 20:325-30, 1969 (Pol)
*AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, PAPER/ ENGLISH ABSTRACT/ FROGS/ GUINEA PIGS/ MICE/ *PINEAL BODY, analysis/ RATS

S

3514. **Saad SF:** Possible oestrogenic and anti-androgenic effects in rats treated with the oral hypoglycaemic agents tolbutamide and acetohexamide.
J Pharm Pharmacol 21:314-6, May 69
*ACETOHEXAMIDE, pharmacodynamics/ *ANDROGENS, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ CASTRATION/ *ESTROGENS, pharmacodynamics/ FEMALE/ MALE/ ORGAN WEIGHT/ PROSTATE, drug effects/ RATS/ SEMINAL VESICLES, drug effects/ *TOLBUTAMIDE, pharmacodynamics/ UTERUS, drug effects

3515. **Saad WA:** Correlação entre ingestao de sódio e sua eliminção urinária em ratos com lesões nos núcleos amigdalóides.
Rev Fac Farm Odont Araraquara 2:7-11, Jan-Jun 68 (Por)
AMYGDALOID BODY, metabolism/ SODIUM CHLORIDE, metabolism/ SODIUM CHLORIDE, urine/ SPECIAL LIST DENTAL

3516. **Sabeh G, Alley RA, Narduzzi JV, et al:** Hyperresponsiveness to metyrapone.
Exp Med Surg 25:218-28, 1967
*ADRENAL CORTEX HORMONES, urine/ ANOREXIA NERVOSA, urine/ DIABETES MELLITUS, urine/ GROWTH/ GROWTH DISORDERS, urine/ HUMAN/ HYPOPITUITARISM, urine/ KLINEFELTER'S SYNDROME, urine/ *METYRAPONE, diagnostic use/ NEPHROTIC SYNDROME, urine/ OBESITY, urine/ *PITUITARY-ADRENAL FUNCTION TESTS/ PITUITARY DISEASES, urine/ TURNER'S SYNDROME, urine

3517. **Sachs H:** Tierexperimenteller Beitrag zur Pathogenese der Placenta praevia.
Z Ges Exp Med 150:199-202, 1969 (Ger)
*CHORIOADENOMA/ *DECIDUA/ ENDOMETRIUM, injuries/ ENGLISH ABSTRACT/ ESTROGENS, pharmacodynamics/ FEMALE/ HUMAN/ OVARY, surgery/ *PLACENTA PRAEVIA, etiology/ PREGNANCY/ PROGESTERONE, pharmacodynamics/ PSEUDOPREGNANCY/ RATS/ *UTERINE NEOPLASMS, etiology

3518. **Saffran M, Rowell P:** Response of rat adrenal tissue to ACTH in a flowing system.
Endocrinology 85:652-6, Oct 69
ADRENAL GLANDS, drug effects/ *ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ AUTOMATION/ *CORTICOSTERONE, biosynthesis/ CORTICOTROPIN, administration & dosage/ *CORTICOTROPIN, pharmacodynamics/ FLUOROMETRY/ IN VITRO/ PERFUSION/ PITUITARY-ADRENAL SYSTEM/ RATS/ STIMULATION, CHEMICAL

3519. **Sagramoso Sacchetti Z:** Esperienze clinico-terapeutiche con un nuovo antimicotico di superficie: la pimaricina, associata a desametazone e neomicina. Clin Ter 45:61-6, 15 Apr 68 (Ita)
ADOLESCENCE/ ADULT/ AGED/ *ANTIBIOTICS, ANTIFUNGAL, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ *DEXAMETHASONE, therapeutic use/ DRUG SYNERGISM/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *NEOMYCIN, therapeutic use/ *SKIN DISEASES, drug therapy/ SKIN DISEASES, pathology/ *SURFACE-ACTIVE AGENTS, therapeutic use

3520. **Saha L, Ganguly DK:** Effect of oxotremorine on serotonin content of central and peripheral tissues in

rats. Indian J Exp Biol 7:104-5, Apr 69
ANIMAL EXPERIMENTS/ ATROPINE, pharmacodynamics/ BRAIN CHEMISTRY/ INTESTINE, SMALL, analysis/ MALE/ *PYRROLIDINONES, pharmacodynamics/ RATS/ *SEROTONIN, analysis

3521. **Saint EG**: Alcohol and society.
Med J Aust 2:69-76, 12 Jul 69
ACCIDENTS, TRAFFIC/ ADOLESCENCE/ ALCOHOL DRINKING/ ALCOHOL, ETHYL, blood/ *ALCOHOLISM/ ALCOHOLISM, etiology/ ALCOHOLISM, familial & genetic/ ALCOHOLISM, prevention & control/ ALCOHOLISM, rehabilitation/ ATTITUDE TO HEALTH/ AUSTRALIA/ AUTOMOBILE DRIVER EXAMINATION/ CHILD/ COMMUNICATION/ HEALTH EDUCATION/ HOMOSEXUALITY/ HUMAN/ JURISPRUDENCE/ NEUROSES, complications/ PERSONALITY/ PSYCHOANALYTIC THEORY/ PSYCHOSES, MANIC-DEPRESSIVE, complications/ SEX CHROMOSOMES

3522. **Saita G, Baroni M, Tentorio A**: Tiroidite cronica autoimmune associata a plasmocitoma tipo Bence-Jones--catene lambda.
Haematologica 54:179-96, 1969 (Ita)
AGED/ *AUTOIMMUNE DISEASES, complications/ *BENCE JONES PROTEIN, analysis/ BLOOD PROTEIN ELECTROPHORESIS/ BONE MARROW EXAMINATION/ CASE REPORT/ CHRONIC DISEASE/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ HUMAN/ PLASMACYTOMA, blood/ *PLASMACYTOMA, complications/ *THYROIDITIS, LYMPHOMATOUS, complications

3523. **Saito S, Tomiyama T**: [Infantile testicular tumor: report of three cases]
Acta Urol Jap 15:266-77, Apr 69 (Jap)
CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ HUMAN/ INFANT/ MALE/ *TERATOID TUMOR/ *TESTICULAR NEOPLASMS

3524. **Saito T**: [New endocrine disorders attracting current interest--posterior pituitary gland and syndrome of excessive secretion of vasopressin (ADH)]
Clin Endocr (Tokyo) 17:389-94, May 69 (47 ref.) (Jap)
CENTRAL NERVOUS SYSTEM DISEASES, complications/ HUMAN/ LUNG DISEASES, complications/ LUNG NEOPLASMS, complications/ *PITUITARY DISEASES/ PITUITARY DISEASES, diagnosis/ PITUITARY DISEASES, etiology/ *PITUITARY GLAND, POSTERIOR/ REVIEW/ SODIUM, blood/ SODIUM, urine/ *VASOPRESSIN, secretion

3525. **Sakai Y, Lauslahti K**: Comparison and analysis of the results of cytodiagnosis and frozen sections during operation. Acta Cytol (Balt) 13:359-68, Jun 69
BIOPSY/ BONE AND BONES, pathology/ BREAST, pathology/ *CYTODIAGNOSIS/ *FREEZING/ *HISTOLOGICAL TECHNICS/ HUMAN/ LIVER, pathology/ LUNG, pathology/ LYMPH NODES, pathology/ MICROTOMY/ *NEOPLASMS, diagnosis/ NEOPLASMS, pathology/ OVARY, pathology/ STOMACH, pathology/ TESTIS, pathology/ THYROID GLAND, pathology/ UTERUS, pathology

3526. **Sakatoku J, Kiriyama T, Koganemaru T, et al**: [DeNetto's orchiopexy: a procedure of scrotal pouch technique without traction]
Acta Urol Jap 15:423-7, Jun 69 (Jap)
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ *CRYPTORCHISM, surgery/ ENGLISH ABSTRACT/ HUMAN/ MALE/ METHODS

3527. **Sakauchi N, Kumaoka S, Naruke T, et al**: A case of adrenocortical cancer treated with O,P'-DDD.
Endocr Jap 16:287-90, Apr 69
*ADRENAL GLAND NEOPLASMS, drug therapy/ ADULT/ *ANTINEOPLASTIC AGENTS, therapeutic use/ *CARCINOMA, drug therapy/ CORTISONE, urine/ DDD, administration & dosage/ *DDD, therapeutic use/ ESTROGENS, urine/ FEMALE/ GONADOTROPINS, urine/ HUMAN/ HYDROCORTISONE, blood/ 17-HYDROXYCORTICOSTEROIDS, blood/ 17-HYDROXYCORTICOSTEROIDS, urine/ 17-KETOSTEROIDS, urine/ LUNG NEOPLASMS/ NEOPLASM METASTASIS/ PREGNANEDIOL, urine/ PREGNANETRIOL, urine

3528. **Sakharchuk II**: Funktsional'noe sostoianie zheludka i zritropozz u bol'nykh éndemicheskim zobom i tireotoksikozom. Vrach Delo 10:59-62, Oct 67 (Rus)
ADULT/ ENGLISH ABSTRACT/ *ERYTHROPOIESIS/ FEMALE/ *GOITER, physiopathology/ HUMAN/ *HYPERTHYROIDISM, physiopathology/ MALE/ MIDDLE AGE/ *STOMACH, physiopathology

3529. **Sakharov PP, Kudrina GP**: Reaktivnye izmeneniia iader leikotsitov pri sensibilizatsii.
Arkh Pat 30:41-5, 1968 (Rus)
ANIMAL EXPERIMENTS/ ASTHMA, immunology/ *CELL NUCLEUS/ FEMALE/ *HYPERSENSITIVITY, pathology/ IN VITRO/ LEUKOCYTES, cytology/ *LEUKOCYTES, immunology/ NEUTROPHILS, immunology/ RETICULOENDOTHELIAL SYSTEM, immunology/ RHEUMATISM, immunology/ SEX CHROMATIN/ SKIN TESTS/ TIME FACTORS/ TONSILLITIS, immunology

3530. **Sakhatskaia TS**: Vliianie aktg na steroidogenez v nadpochechnikakh émbrinonov krys v opytakh in vitro.
Probl Endokr (Moskva) 14:51-4, May-Jun 68 (Rus)
*ADRENAL CORTEX HORMONES, biosynthesis/ ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, embryology/ *ADRENAL GLANDS, metabolism/ ALDOSTERONE, analysis/ ANIMAL EXPERIMENTS/ CORTICOSTERONE, analysis/ *CORTICOTROPIN, pharmacodynamics/ ENGLISH ABSTRACT/ PITUITARY GLAND/ RATS/ TISSUE EXTRACTS

3531. **Salabe G, Kondo Y, DeNayer P, et al**: Immunochemical identification of thyroglobulin fragments synthesized in vitro by bovine thyroid polyribosomes.
Endocrinology 85:752-62, Oct 69
ANIMAL EXPERIMENTS/ ANTIGEN-ANTIBODY REACTIONS/ CARBON ISOTOPES/ CATTLE/ GEL DIFFUSION TESTS/ GLYCOLS/ *IMMUNOASSAY/ IN VITRO/ IODOACETATES/ PHENYLALANINE, metabolism/ RABBITS/ RIBOSOMES, immunology/ *RIBOSOMES, metabolism/ SULFHYDRYL COMPOUNDS/ *THYROGLOBULIN, biosynthesis/ THYROID GLAND, cytology/ THYROID GLAND, immunology/ *THYROID GLAND, metabolism

3532. **Saldanha PH**: Sexo nuclear.
Rev Paul Med 71:243-56, Nov 67 (122 ref.) (Por)
AMNIOTIC FLUID, analysis/ *CELL NUCLEUS/ CHROMOSOME ABNORMALITIES, diagnosis/ FEMALE/ HUMAN/ MALE/ MENTAL RETARDATION, diagnosis/ METHODS/ MUCOUS MEMBRANE, cytology/ REVIEW/ *SEX CHROMATIN/ SEX DETERMINATION

3533. **Salle B, Monnet P, Frederich A, et al**: Dysplasie fibreuse de Jaffé-Lichtenstein. (A propos d'une observation avec anomalies biologiques)
Ann Pediat (Paris) 14:511-6, Jun-Jul 67 (Fre)
ADOLESCENCE/ ENGLISH ABSTRACT/ *FIBROUS DYSPLASIA OF BONE/ HUMAN/ *HYPERPARATHYROIDISM/ MALE/ PHOSPHATASES, blood/ PHOSPHORUS, blood/ *RICKETS

3534. **Salmerón de Diego J**: Las ginecomastias.
Rev Clin Esp 111:119-32, 31 Oct 68 (76 ref.) (Spa)
ADULT/ AGED/ ESTROGENS, adverse effects/ *GYNECOMASTIA/ GYNECOMASTIA, chemically induced/ GYNECOMASTIA, classification/ GYNECOMASTIA, etiology/

GYNECOMASTIA, pathology/ HUMAN/ MALE/ MIDDLE AGE/ REVIEW

3535. **Salokangas A, Adlercreutz H:** A gas liquid chromatographic method for routine determination of aldosterone in urine, with values for the excretion of aldosterone in normal adults and in hospitalized children. Ann Med Exp Biol Fenn 46:158-64, 1968
ADULT/ AGE FACTORS/ *ALDOSTERONE, urine/ CHILD/ CHILD, HOSPITALIZED/ CHILD, PRESCHOOL/ CHROMATOGRAPHY, GAS/ FEMALE/ HUMAN/ MALE/ METHODS/ RADIOISOTOPE SCANNING/ SEX FACTORS/ SPECTRUM ANALYSIS

3536. **Salomon JC, Benveniste J, Guegen S:** Effets d'une injection unique d'acétate d'hydrocortisone sur des souriceaux axéniques nouveau-nés.
Path Biol (Paris) 17:39-44, Jan 69 (Fre)
ANIMAL EXPERIMENTS/ ANTIBODIES/ *ANTIBODY FORMATION, drug effects/ ANTIGENS/ ENGLISH ABSTRACT/ GAMMA GLOBULIN/ GEL DIFFUSION TESTS/ *GERM-FREE LIFE/ GROWTH, drug effects/ HYDROCORTISONE, administration & dosage/ *HYDROCORTISONE, toxicity/ IMMUNITY, drug effects/ IMMUNIZATION/ IMMUNOELECTROPHORESIS/ LIVER, growth & development/ MICE/ ORGAN WEIGHT/ SALMONELLA INFECTIONS/ SALMONELLA TYPHOSA, immunology/ *SPLEEN, drug effects/ SPLEEN, growth & development/ SPLEEN, pathology/ *THYMUS GLAND, drug effects/ THYMUS GLAND, growth & development/ THYMUS GLAND, pathology

3537. **Salvatore CA:** La importancia del legrado consecutivo a la prueba de estrogenos en el diagnóstico de amenorrea de causa uterina.
Ginec Obstet Mex 22:1537-41, Nov 67 (Spa)
*AMENORRHEA, diagnosis/ AMENORRHEA, etiology/ ESTROGENS/ *PLACENTAL EXTRACTS, diagnostic use/ *UTERINE DISEASES, complications

3538. **Samochowiec E, Wawryk R:** Ilościowe oznaczanie metodą serologiczną gonadotropiny kosmówkowej wydalanej w przebiegu ciąży prawidłowej.
Ginek Pol 40:497-503, May 69 (Pol)
ENGLISH ABSTRACT/ FEMALE/ *GONADOTROPINS, CHORIONIC, urine/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ METHODS/ PREGNANCY/ *PREGNANCY TESTS/ RABBITS

3539. **Samperez S, Rocaboy JC, Duval J, et al:** Méthode d'extraction et d'isolement de la 5-hydroxytryptamine des tissus nerveux animaux.
Bull Soc Chim Biol (Paris) 51:139-48, 4 Jun 69 (Fre)
ACETATES/ ALCOHOL, ETHYL/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ ENGLISH ABSTRACT/ FLUOROMETRY/ GEL FILTRATION/ MALE/ METHODS/ *NERVE TISSUE, analysis/ PYRIDINES/ RATS/ *SEROTONIN, isolation & purification

3540. **Samperez S, Thieulant ML, Poupon R, et al:** Etude de la pénétration de la testostérone-1,2-3H dans l'hypophyse antérieure, l'hypothalamus et le cortex cérébral du rat castré et normal.
Bull Soc Chim Biol (Paris) 51:117-31, 4 Jun 69 (Fre)
AGING/ ANIMAL EXPERIMENTS/ CASTRATION/ *CEREBRAL CORTEX, metabolism/ ENGLISH ABSTRACT/ *HYPOTHALAMUS, metabolism/ IN VITRO/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, SUBCUTANEOUS/ MALE/ *PITUITARY GLAND, metabolism/ RATS/ *TESTIS, physiology/ *TESTOSTERONE, metabolism/ TIME FACTORS/ TRITIUM

3541. **Samperez S, Thieulant ML, Jouan P:** Mise en évidence d'une association macromoléculaire de la testostérone 1-2-3H dans l'hypophyse antérieure et l'hypothalamus du rat normal et castré.
C R Acad Sci [D] (Paris) 268:2965-7, 16 Jun 69 (Fre)
ANIMAL EXPERIMENTS/ CASTRATION/ GEL FILTRATION/ *HYPOTHALAMUS, metabolism/ IN VITRO/ INJECTIONS, INTRAVENOUS/ MALE/ *PITUITARY GLAND, metabolism/ RATS/ *TESTIS, physiology/ TESTOSTERONE, metabolism/ TIME FACTORS/ TRITIUM

3542. **Samsonova VM:** Rol' paraventrikuliarnykh iader perednego gipotalamusa krys v reguliatsii sekretsii tireoidnykh gormonov.
Probl Endokr (Moskva) 15:76-9, May-Jun 69 (Rus)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *HYPOTHALAMUS, physiology/ PROTEIN-BOUND IODINE TEST/ RATS/ THYROID GLAND, secretion/ *THYROID HORMONES, secretion/ THYROIDECTOMY

3543. **Samsonova VM:** Znachenie paraventriiuliarnykh iader gipotalamusa v reguliatsii gormonoobrazovaniia v shchitovidnoĭ zheleze.
Probl Endokr (Moskva) 15:65-70, Mar-Apr 69 (Rus)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *HYPOTHALAMUS, physiology/ IODINE ISOTOPES, DIAGNOSTIC/ IODOTYROSINE, analysis/ RATS/ THYROID GLAND, analysis/ *THYROID GLAND, secretion/ *THYROID HORMONES, biosynthesis/ THYROIDECTOMY

3544. **Sànchez López-Tello C:** Influence de l'oestradiol sur l'action antigoitrogène des hormones thyroïdiennes.
J Physiol (Paris) 60:Suppl 2:538-9, 1968 (Fre)
ANIMAL EXPERIMENTS/ CASTRATION/ DRUG ANTAGONISM/ *ESTRADIOL, pharmacodynamics/ FEMALE/ GOITER, chemically induced/ *GOITER, etiology/ MALE/ PROPYLTHIOURACIL/ RATS/ *THYROID HORMONES, pharmacodynamics/ THYROXINE, pharmacodynamics/ TRIIODOTHYRONINE, pharmacodynamics

3545. **Sánchez Martin JA:** Neuere Untersuchungen über die Struma in Spanien.
Munchen Med Wschr 111:1416-20, 20 Jun 69 (39 ref.) (Ger)
ADULT/ CHILD/ DEFICIENCY DISEASES, complications/ DIAGNOSIS, DIFFERENTIAL/ *GOITER/ GOITER, chemically induced/ GOITER, diagnosis/ GOITER, etiology/ GOITER, familial & genetic/ GOITER, immunology/ GOITER, occurrence/ GOITER, ENDEMIC/ HUMAN/ IODINE/ PLANT POISONING, complications/ REVIEW/ SPAIN/ THYROID HORMONES, biosynthesis/ THYROIDITIS, LYMPHOMATOUS, diagnosis/ THYROIDITIS, LYMPHOMATOUS, immunology/ THYROXINE, secretion

3546. **Sánchez Martín JA:** Aportaciones recientes sobre el bocio simple realizadas en España.
Rev Clin Esp 113:517-22, 30 Jun 69 (39 ref.) (Spa)
*GOITER, etiology/ HORMONES, biosynthesis/ HUMAN/ INFLAMMATION, immunology/ IODINE/ PLANTS, EDIBLE/ REVIEW/ SPAIN/ THYROXINE, secretion

3547. **Sanchez-Medal L, Gomez-Leal A, Duarte L, et al:** Anabolic androgenic steroids in the treatment of acquired aplastic anemia. Blood 34:283-300, Sep 69
ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ AMENORRHEA, chemically induced/ ANABOLIC STEROIDS, adverse effects/ *ANEMIA, APLASTIC, drug therapy/ BLOOD PLATELETS, drug effects/ *DROMOSTANOLONE, therapeutic use/ ERYTHROCYTES, drug effects/ FEMALE/ HUMAN/ JAUNDICE, chemically induced/ LEUKOCYTES, drug effects/ MALE/ *METHANDROSTENOLONE, therapeutic use/ *METHENOLONE, therapeutic use/ MIDDLE AGE/ *OXYMETHOLONE, therapeutic use/ PROGNOSIS/ RETICULOCYTES, drug effects/ VIRILISM, chemically induced

3548. **Sanders HJ:** Rheumatoid arthritis and drugs. I.
Industr Med Surg 38:237-50, Aug 69
ANIMAL EXPERIMENTS/ *ARTHRITIS, RHEUMATOID, drug therapy/ ARTHRITIS, RHEUMATOID, etiology/ ARTHRITIS, RHEUMATOID, physiopathology/ CARTILAGE, ARTICULAR, physiopathology/ CORTISONE,

therapeutic use/ ERYSIPELOTHRIX INFECTIONS, complications/ FOCAL INFECTION, complications/ FOCAL INFECTION, DENTAL, complications/ HUMAN/ L FORMS/ MICE/ MYCOPLASMA INFECTIONS, complications/ OSTEOARTHRITIS, drug therapy/ OSTEOARTHRITIS, physiopathology/ REITER'S DISEASE, complications/ *RESEARCH/ RESEARCH SUPPORT/ SWINE DISEASES/ UNITED STATES NATIONAL INSTITUTES OF HEALTH/ VIRUS DISEASES, complications

3549. **Sanders TP, Kuhl DE:** Selective uptake of radionuclides as a basis for tumor detection.
Radiol Clin N Amer 7:257-64, Aug 69
ANTIGEN-ANTIBODY REACTIONS/ BRAIN NEOPLASMS, diagnosis/ CAPILLARY PERMEABILITY/ CHROMIUM/ DNA, metabolism/ FIBRINOGEN, metabolism/ HUMAN/ IODINE ISOTOPES, metabolism/ LIVER, metabolism/ LIVER NEOPLASMS, diagnosis/ NEOPLASM METASTASIS, diagnosis/ *NEOPLASMS, diagnosis/ *NEOPLASMS, metabolism/ PANCREAS, metabolism/ PHOSPHORUS ISOTOPES/ *RADIOISOTOPE SCANNING/ *RADIOISOTOPES, metabolism/ SARCOMA, OSTEOGENIC, metabolism/ SELENIUM/ SPLEEN, metabolism/ STRONTIUM ISOTOPES/ TECHNETIUM, metabolism/ THYROID GLAND, metabolism/ THYROID NEOPLASMS, diagnosis

3550. **Sandler M:** Determination of hydroxyindoles in biological materials.
Ann Med Exp Biol Fenn 46:479-89, 1968 (162 ref.)
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ COLORIMETRY/ ELECTROPHORESIS/ FLUOROMETRY/ *HYDROXYINDOLEACETIC ACID, analysis/ IMMUNOASSAY/ *INDOLES, analysis/ INFRARED RAYS/ REVIEW/ *SEROTONIN, analysis/ SPECTRUM ANALYSIS

3551. **Sandri L:** Contributo alla conoscenza della malattia di Brill-Symmers a localizzazione faringo-cervicale.
Ann Laring 66:942-56, Nov-Dec 67 (Ita)
ADOLESCENCE/ AGED/ CORTISONE, therapeutic use/ FEMALE/ HUMAN/ LYMPHOMA, GIANT FOLLICULAR, drug therapy/ *LYMPHOMA, GIANT FOLLICULAR, pathology/ LYMPHOMA, GIANT FOLLICULAR, radiotherapy/ MALE/ PHARYNGEAL NEOPLASMS, drug therapy/ *PHARYNGEAL NEOPLASMS, pathology/ PHARYNGEAL NEOPLASMS, radiotherapy/ *SARCOMA, RETICULUM CELL, pathology

3552. **Sandström B:** Diabetes mellitus och menstruation.
Nord Med 81:727-8, 5 Jun 69 (Swe)
ADOLESCENCE/ APPENDICITIS, diagnosis/ CHOLELITHIASIS, diagnosis/ *DIABETES MELLITUS, complications/ DIABETES MELLITUS, drug therapy/ DIABETIC COMA, etiology/ DIABETIC COMA, prevention & control/ DIAGNOSIS, DIFFERENTIAL/ DRUG SYNERGISM/ DYDROGESTERONE, administration & dosage/ ENGLISH ABSTRACT/ ETHINYL ESTRADIOL, administration & dosage/ FEMALE/ HUMAN/ INSULIN, therapeutic use/ *MENSTRUATION DISORDERS, complications/ MENSTRUATION DISORDERS, diagnosis/ MENSTRUATION DISORDERS, etiology/ URETERAL CALCULI, diagnosis

3553. **Sanfilippo S:** Rilievi ultrastrutturali nelle cellule della corteccia surrenale di ratto dopo gonadectomia.
Chir Pat Sper 15:700-20, Oct-Dec 67 (Ita)
*ADRENAL CORTEX HORMONES, secretion/ *ADRENAL GLANDS, cytology/ ANIMAL EXPERIMENTS/ *CASTRATION/ ENGLISH ABSTRACT/ HISTOCYTOCHEMISTRY/ MALE/ MICROSCOPY, ELECTRON/ RATS

3554. **Sannasi A:** Inhibition of ovary development of the fruit-fly, Drosophila melanogaster by synthetic "queen substance".
Life Sci 8:785-9, 15 Jul 69
ANIMAL EXPERIMENTS/ DEPRESSION, CHEMICAL/ *DROSOPHILA, drug effects/ *FATTY ACIDS, pharmacodynamics/ FEMALE/ *INVERTEBRATE HORMONES, pharmacodynamics/ *OVARY, drug effects/ OVARY, growth & development/ PHEROMONES, pharmacodynamics

3555. **Sano K:** [Medulloblastoma and pituicytoma]
Brain Nerve (Tokyo) 21:850-1, Aug 69 (Jap)
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ ASTROCYTOMA, pathology/ BRAIN NEOPLASMS, occurrence/ *BRAIN NEOPLASMS, pathology/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INFANT/ JAPAN/ MALE/ MEDULLOBLASTOMA, occurrence/ *MEDULLOBLASTOMA, pathology/ MIDDLE AGE/ *MYOBLASTOMA, pathology/ *PITUITARY NEOPLASMS, pathology/ SEX FACTORS

3556. **Sano K, Shirakata S, Fujita S, et al:** Symposium. Intractable pain.
Neurol Medicochir (Tokyo) 9:298-304, 1967
AGED/ ANIMAL EXPERIMENTS/ CATS/ CEREBRAL CORTEX/ ELECTRIC STIMULATION/ EVOKED POTENTIALS/ FEMALE/ GLOSSOPHARYNGEAL NERVE/ HUMAN/ HYPOTHALAMUS/ MALE/ MIDDLE AGE/ NEURALGIA/ NEURONS/ *PAIN/ PAIN, surgery/ STEREOTAXIC TECHNICS

3557. **Sano Y:** [Morphology of the central nervous control system in the eminence of the pituitary tract]
Saishin Igaku 24:962-6, May 69 (Jap)
ANIMAL EXPERIMENTS/ CATECHOLAMINES, analysis/ CATS/ DOGS/ GUINEA PIGS/ HISTOCYTOCHEMISTRY/ MICE/ MICROSCOPY, ELECTRON/ MONKEYS/ NEUROSECRETION/ PITUITARY GLAND, analysis/ *PITUITARY GLAND, anatomy & histology/ PITUITARY GLAND, physiology/ RATS

3558. **Sano Y, Kanyama H, Omachi J:** [Microstructure of the median eminence, with special reference to its relation to ACTH]
Jap J Clin Med 27:1326-32, May 69 (42 ref.) (Jap)
CATECHOLAMINES, physiology/ *CORTICOTROPIN, secretion/ CORTICOTROPIN RELEASING FACTOR/ DOPAMINE, physiology/ HISTAMINE, physiology/ HUMAN/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, cytology/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, secretion/ NEUROHUMORS, physiology/ NEUROSECRETION/ NOREPINEPHRINE, physiology/ PITUITARY HORMONES, POSTERIOR, secretion/ REVIEW/ SEROTONIN, physiology

3559. **Sano Y, Murase Y:** [Biochemistry of the extrapyramidal system--from anatomical viewpoint]
Advances Neurol Sci (Tokyo) 12:859-68, Dec 68 (84 ref.) (Jap)
AMINES, analysis/ ANIMAL EXPERIMENTS/ CYTOPLASM, metabolism/ DOPA/ *DOPAMINE, metabolism/ *EXTRAPYRAMIDAL TRACTS/ EXTRAPYRAMIDAL TRACTS, anatomy & histology/ EXTRAPYRAMIDAL TRACTS, physiology/ HISTOCYTOCHEMISTRY/ MICROSCOPY, FLUORESCENCE/ NERVE ENDINGS, metabolism/ NERVE FIBERS/ NEURONS, analysis/ NOREPINEPHRINE, metabolism/ PARKINSONISM, metabolism/ RATS/ RESERPINE, metabolism/ REVIEW/ SEROTONIN, metabolism/ SUBSTANTIA NIGRA, metabolism

3560. **Santos DE:** Renin and diuretics: a paradox.
Ohio Med J 65:824-5, Aug 69
*DIURETICS, pharmacodynamics/ HUMAN/ *KIDNEY, drug effects/ *RENIN, secretion

3561. **Santos Alves JE dos:** Considerações em tôrno de ovários policísticos e síndrome de Stein-Leventhal.
Hospital (Rio) 75:1297-317, Apr 69 (Por)

ADOLESCENCE/ ADULT/ FEMALE/ HUMAN/ *OVARIAN CYSTS, complications/ OVARY, physiopathology/ *STEIN-LEVENTHAL SYNDROME, complications/ STEROIDS, biosynthesis

3562. Sapák K: Farmakoterapia hypogalakcie.
Bratisl Lek Listy 52:67-71, Jul 69 (Slo)
ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYDROCORTISONE, therapeutic use/ INSULIN, therapeutic use/ IODINE, therapeutic use/ *LACTATION DISORDERS, drug therapy/ PREGNANCY/ *PROGESTATIONAL HORMONES, therapeutic use

3563. Saponara AG, Enger MD: Occurrence of N2,N2,7-trimethylguanosine in minor RNA species of a mammalian cell line.
Nature (London) 223:1365-6, 27 Sep 69
ANIMAL EXPERIMENTS/ CELL LINE/ GUANINE/ HAMSTERS/ *NUCLEOSIDES, isolation & purification/ OVARY/ *RNA, analysis/ SPECTRUM ANALYSIS/ TISSUE CULTURE

3564. Sarkar HB, Rao MA: Effect of thiourea on ovulation in vitro in the skipper frog, Rana cyanophlyctis (Schn).
Acta Endocr (Kobenhavn) 60:173-6, Jan 69
ANIMAL EXPERIMENTS/ FROGS/ *GONADOTROPINS, PITUITARY, antagonists & inhibitors/ IN VITRO/ *OVULATION, drug effects/ PREGNANCY/ THIOUREA, administration & dosage/ *THIOUREA, pharmacodynamics

3565. Sasaki H, Kondo T: The simultaneous fluorimetric determination of corticosterone and cortisol in human plasma. Acta Med Biol (Niigata) 17:65-83, Jun 69
ADULT/ ALCOHOL, ETHYL/ CHLOROFORM/ *CORTICOSTERONE, blood/ CORTICOTROPIN, diagnostic use/ DEXAMETHASONE, diagnostic use/ ENDOCRINE DISEASES, blood/ FEMALE/ FLUORESCENCE/ FLUOROMETRY/ HUMAN/ *HYDROCORTISONE, blood/ INDICATORS AND REAGENTS, isolation & purification/ MALE/ METHODS/ MIDDLE AGE/ PITUITARY-ADRENAL FUNCTION TESTS/ SODIUM HYDROXIDE/ SULFURIC ACIDS/ TEMPERATURE

3566. Sasaki H, Shimada I, Fukuyama K: [Tonsillectomies in the patients under adrenal cortical hormone treatments]
Otolaryngology (Tokyo) 41:233-8, Apr 69 (Jap)
ADOLESCENCE/ *ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ PITUITARY-ADRENAL FUNCTION TESTS/ POSTOPERATIVE CARE/ PREOPERATIVE CARE/ *TONSILLECTOMY

3567. Sasaki T, Tamura T: [Urinary alkaline phosphatase isozymes--its relations to serum alkaline phosphatase]
Jap J Clin Path 17:193-7, Mar 69 (Jap)
*ALKALINE PHOSPHATASE, blood/ *ALKALINE PHOSPHATASE, urine/ ELECTROPHORESIS/ FEMALE/ GEL FILTRATION/ HUMAN/ HYPERTHYROIDISM, enzymology/ *ISOENZYMES, blood/ *ISOENZYMES, urine/ KIDNEY DISEASES, enzymology/ LIVER DISEASES, enzymology/ MALE

3568. Sasano N, Machida J, Tezuka F, et al: [Cushing's syndrome caused by giant adrenal cortex tumor]
Shujutsu 23:780-6, Jun 69 (Jap)
*ADRENAL GLAND NEOPLASMS, complications/ ADULT/ *CUSHING'S SYNDROME, etiology/ FEMALE/ HUMAN/ LUNG NEOPLASMS/ NEOPLASM METASTASIS

3569. Sathyanesan AG: An in situ study of the preoptico-neurohypophysial complex of the freshwater teleost Clarias batrachus (L.).
Z Zellforsch 98:202-16, 1969
ANIMAL EXPERIMENTS/ *FISHES, anatomy & histology/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, anatomy & histology/ STAINS AND STAINING

3570. Sato E, Kanaoka Y: Photoreducation of 4- and 2-thiouracil and 4-thiouridine.
Tetrahedron Lett 40:3547-8, Sep 69
*LIGHT/ *NUCLEOSIDES/ *OXIDATION-REDUCTION/ SPECTROPHOTOMETRY/ *THIOURACIL

3571. Sato I: [Fluctuations in sex hormones in the gyneco-obstetrical field and electroencephalography during sleep]
J Jap Obstet Gynec Soc 21:391-9, Apr 69 (Jap)
ADULT/ *ELECTROENCEPHALOGRAPHY/ FEMALE/ HUMAN/ *MENSTRUATION DISORDERS, physiopathology/ MENSTRUATION DISORDERS, urine/ PREGNANCY/ *SEX HORMONES, urine/ *SLEEP

3572. Sato K: Histochemical studies on N-acetyl-beta-galactosaminidase in the ovary of sexually mature women.
Tohoku J Exp Med 98:75-9, May 69
CORPUS LUTEUM, enzymology/ FEMALE/ *GALACTOSE, metabolism/ GLYCOSIDE HYDROLASES, metabolism/ GRAAFIAN FOLLICLE, enzymology/ HISTOCYTOCHEMISTRY/ HUMAN/ *HYDROLASES, metabolism/ *OVARY, enzymology/ STAINS AND STAINING

3573. Sato T, DeQuattro V: Enzymatic assay for 3,4-dihydroxymandelic acid (DOMA) in human urine, plasma, and tissues. J Lab Clin Med 74:672-81, Oct 69
ADRENAL GLANDS, analysis/ BIOLOGICAL ASSAY/ CARBON ISOTOPES/ CATECHOLAMINES, analysis/ CATECHOLAMINES, urine/ ENZYME TESTS/ HUMAN/ INDICATORS AND REAGENTS/ *MANDELIC ACID, analysis/ MANDELIC ACID, blood/ MANDELIC ACID, urine/ METHODS/ MYOCARDIUM, analysis/ VANILLIN, metabolism

3574. Sato T, Shinada T, Matsumoto S: A clinical and metabolic study of masculinizing arrhenoblastoma.
Amer J Obstet Gynec 104:1124-30, 15 Aug 69
ADRENAL GLANDS, drug effects/ ADULT/ *ARRHENOBLASTOMA, complications/ *ARRHENOBLASTOMA, metabolism/ ARRHENOBLASTOMA, pathology/ BODY TEMPERATURE/ CORTICOTROPIN, secretion/ DEXAMETHASONE, pharmacodynamics/ ESTROGENS, urine/ FEMALE/ FSH, urine/ HIRSUTISM, complications/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ KARYOTYPING/ 17-KETOSTEROIDS, urine/ *OVARIAN NEOPLASMS, complications/ *OVARIAN NEOPLASMS, metabolism/ OVARIAN NEOPLASMS, pathology/ PREGNANEDIOL, urine/ PREGNANETRIOL, urine/ TESTOSTERONE, secretion/ *VIRILISM, complications/ *VIRILISM, metabolism

3575. Saucier JM, Nam NH: Etude spectrophotométique de l'interaction du dérivé hydrogéné de l'Hrehdiamine A avec l'acide désoxyribonucléique.
C R Acad Sci [D] (Paris) 268:2961-4, 16 Jun 69 (Fre)
*ALKALOIDS/ *AMINES/ ANIMAL EXPERIMENTS/ CATTLE/ *DNA/ HEAT/ *HYDROGEN/ KINETICS/ OSMOLAR CONCENTRATION/ SODIUM CHLORIDE/ SPECTROPHOTOMETRY/ *STEROIDS/ THYMUS GLAND

3576. Sauer H: Spezielle Probleme des Ileus im Säuglingsalter.
Wien Med Wschr 119:517-9, 5 Jul 69 (Ger)
ADENOSINE TRIPHOSPHATE, therapeutic use/ DEXAMETHASONE, therapeutic use/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ *INTESTINAL OBSTRUCTION/ INTESTINAL OBSTRUCTION, complications/ INTESTINAL OBSTRUCTION, surgery/ INTESTINE, SMALL/ INTUBATION, GASTROINTESTINAL/ INTUSSUSCEPTION, complications/ MALE/ PHENOXYBENZAMINE,

therapeutic use/ POSTOPERATIVE COMPLICATIONS/ SHOCK, drug therapy

3577. **Sauer H: Uber intestinale Zirkulationsstörungen bei chirurgischen Erkrankungen im Säuglings- und Kindesalter.**
Langenbecks Arch Chir 323:203-45, 1969 **(Ger)**
ADENINE NUCLEOTIDES, therapeutic use/ ANIMAL EXPERIMENTS/ AUTONOMIC NERVE BLOCK/ CHILD/ CHILD, PRESCHOOL/ DEXAMETHASONE, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ FETAL DISEASES, complications/ HEPARIN, therapeutic use/ HUMAN/ INFANT/ INFANT, NEWBORN/ INFANT, NEWBORN, DISEASES, etiology/ INFANT, NEWBORN, DISEASES, surgery/ INTESTINAL ATRESIA, etiology/ *INTESTINAL ATRESIA, surgery/ INTESTINAL DISEASES, etiology/ *INTESTINAL DISEASES, surgery/ INTESTINAL OBSTRUCTION, complications/ *INTESTINAL OBSTRUCTION, surgery/ INTESTINE, SMALL, pathology/ *INTESTINE, SMALL, surgery/ *INTESTINES, blood supply/ MALE/ MESENTERIC ARTERIES, surgery/ *MESENTERIC VASCULAR OCCLUSION, etiology/ MESENTERIC VASCULAR OCCLUSION, pathology/ PHENOXYBENZAMINE, therapeutic use/ PREGNANCY/ PROCAINE/ RABBITS/ SHOCK, ENDOTOXIC, etiology/ SHOCK, ENDOTOXIC, prevention & control/ SYMPATHOLYTICS, therapeutic use/ VASCULAR DISEASES, complications

3578. **Saunders HL, Tomaszewski J, Pauls J, et al: Antifertility effect of 17 alpha-methyl-B-nortestosterone (SK&F 7690).**
Endocrinology 85:960-3, Nov 69
ANDROGENS, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ CHEMOSTERILANTS, pharmacodynamics/ DEPRESSION, CHEMICAL/ FEMALE/ *FERTILITY, drug effects/ LIBIDO, drug effects/ MALE/ MICE/ *NORMETHANDROLONE, pharmacodynamics/ ORGAN WEIGHT/ PREGNANES, pharmacodynamics/ PROSTATE, drug effects/ SEMINAL VESICLES, drug effects/ *STERILITY, MALE

3579. **Savage DC, Forsyth CC, McCafferty E, et al: Individual corticosteroids in the urine of children.**
J Endocr 44:453-4, Jul 69
*ADRENAL CORTEX HORMONES, urine/ AGE FACTORS/ BIOLOGICAL ASSAY/ CHILD/ CHILD, PRESCHOOL/ CHROMATOGRAPHY/ CORTICOSTERONE, metabolism/ FEMALE/ GLUCURONATES, urine/ HUMAN/ HYDROCORTISONE, metabolism/ INFANT/ MALE/ METHODS/ SULFATES, urine

3580. **Saville PD, Whyte MP: Muscle and bone hypertrophy. Positive effect of running exercise in the rat.**
Clin Orthop 65:81-8, Jul-Aug 69
ANIMAL EXPERIMENTS/ BIOMECHANICS/ BODY WEIGHT/ BONE AND BONES, analysis/ *BONE AND BONES, physiopathology/ BONE DISEASES, etiology/ *BONE RESORPTION/ CALCIUM, analysis/ *EXERTION/ FEMUR, analysis/ HUMERUS, analysis/ HYPERTROPHY, etiology/ *LOCOMOTION/ MUSCLES, growth & development/ MUSCLES, physiopathology/ MUSCULAR DISEASES, etiology/ ORGAN WEIGHT/ RATS/ SPECIFIC GRAVITY/ TIBIA, analysis

3581. **Savlov ED, Nahhas WA, May AG: Iliac and femoral arteriosclerosis following pelvic irradiation for carcinoma of the ovary. Report of a case.**
Obstet Gynec 34:345-51, Sep 69
*ADENOCARCINOMA, PAPILLARY, radiotherapy/ ANGIOGRAPHY/ ARTERIES, pathology/ *ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, pathology/ CASE REPORT/ CYSTADENOMA, PAPILLARY, pathology/ FEMALE/ *FEMORAL ARTERY, radiation effects/ HUMAN/ *ILIAC ARTERY, radiation effects/ MIDDLE AGE/ OVARIAN NEOPLASMS, radiotherapy/ *RADIATION INJURY/ *RADIOTHERAPY, adverse effects

3582. **Savu L, Crepy O, Judas O: Incubation d'oestrone-6,7 3H en présence de coupes de foie de ratte et de lapine.**
Bull Soc Chim Biol (Paris) 50:1739-50, 30 Jan 69 **(Fre)**
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ ENGLISH ABSTRACT/ ESTERS, biosynthesis/ ESTRADIOL, biosynthesis/ ESTRIOL, biosynthesis/ ESTROGENIC SUBSTANCES, CONJUGATED, biosynthesis/ *ESTRONE, metabolism/ FEMALE/ GLUCURONATES, biosynthesis/ *LIVER, metabolism/ RABBITS/ RATS/ SULFATES, biosynthesis/ TRITIUM

3583. **Sawasaki C, Takagi S, Yamamoto T, et al: Some considerations on cultured chorionic cells from the human placenta by means of steroid enzymes and an electron microscope.**
Acta Obstet Gynaec Jap 16:177-9, Jul 69
ACETONE/ CYTOPLASM/ FEMALE/ GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ HUMAN/ MICROSCOPY, ELECTRON/ OXIDOREDUCTASES, metabolism/ PERIODIC ACIDS/ *PLACENTA, cytology/ PLACENTA, enzymology/ PREGNANCY/ *SEX HORMONES, metabolism/ STAINS AND STAINING/ *STEROIDS, biosynthesis/ TISSUE CULTURE

3584. **Sawyer WH: The active neurohypophysial principles of two primitive bony fishes, the bichir (Polypterus senegalis) and the African lungfish (Protopterus aethiopicus).**
J Endocr 44:421-35, Jul 69
ARGININE, analysis/ CHROMATOGRAPHY/ CHROMATOGRAPHY, PAPER/ *FISHES/ GEL FILTRATION/ OXYTOCIN, analysis/ *PITUITARY GLAND, POSTERIOR, analysis/ SPECIES SPECIFICITY/ VASOTOCIN, analysis

3585. **Saxena PK: The brain in Cynoglossus bilineatus (Lac.).**
Anat Anz 124:210-7, 1969
ANIMAL EXPERIMENTS/ *BRAIN, anatomy & histology/ CEREBELLUM, anatomy & histology/ CORPORA QUADRIGEMINA, anatomy & histology/ *FISHES, anatomy & histology/ LIMBIC SYSTEM, anatomy & histology/ MEDULLA OBLONGATA, anatomy & histology/ OPTIC LOBE, anatomy & histology/ PINEAL BODY, anatomy & histology/ PITUITARY GLAND, anatomy & histology

3586. **Sbordone M, Sbordone G: Considerazioni cliniche e terapeutiche sul glaucoma da cortisone.**
Minerva Oftal 9:172-6, Sep-Oct 67 **(Ita)**
ADULT/ *CORTISONE, adverse effects/ FEMALE/ *GLAUCOMA, chemically induced/ GLAUCOMA, drug therapy/ HUMAN/ *INTRAOCULAR PRESSURE, drug effects/ MALE/ MIDDLE AGE/ *PILOCARPINE, therapeutic use

3587. **Scano V, Garau A: Nipiofarmacologia delle vitamine.**
Minerva Nipiol 17:325-63, Nov-Dec 67 (626 ref.) **(Ita)**
ASCORBIC ACID, metabolism/ ASCORBIC ACID, pharmacodynamics/ BIOTIN, metabolism/ BIOTIN, pharmacodynamics/ FOLIC ACID, metabolism/ FOLIC ACID, pharmacodynamics/ HUMAN/ INFANT/ *INFANT, NEWBORN/ MILK, analysis/ MILK, HUMAN, analysis/ NICOTINAMIDE, metabolism/ NICOTINAMIDE, pharmacodynamics/ PANTOTHENIC ACID, metabolism/ PANTOTHENIC ACID, pharmacodynamics/ PYRIDOXINE, analysis/ PYRIDOXINE, metabolism/ PYRIDOXINE, pharmacodynamics/ REVIEW/ RIBOFLAVIN, analysis/ RIBOFLAVIN, metabolism/ RIBOFLAVIN, pharmacodynamics/ SUNLIGHT/ THIAMINE, pharmacodynamics/ VITAMIN A, metabolism/ VITAMIN A, pharmacodynamics/ VITAMIN B COMPLEX, metabolism/ VITAMIN B COMPLEX, pharmacodynamics/ VITAMIN B 12, metabolism/ VITAMIN B 12, pharmacodynamics/ VITAMIN D, metabolism/ VITAMIN D, pharmacodynamics/ VITAMIN E, metabolism/ VITAMIN E, pharmacodynamics/

VITAMIN K, metabolism/ VITAMIN K, pharmacodynamics/ *VITAMINS, pharmacodynamics

3588. Scarlato G, Pellegrini G: Bilateral exophthalmic ophthalmoplegia. A case report.
Europ Neurol 2:285-95, 1969
ACID PHOSPHATASE, diagnostic use/ ACID PHOSPHATASE, metabolism/ BIOPSY/ ELECTROMYOGRAPHY/ ENZYME TESTS/ GLUCOSYLTRANSFERASES, metabolism/ *GOITER, EXOPHTHALMIC, complications/ HISTOCYTOCHEMISTRY/ HUMAN/ LONG-ACTING THYROID STIMULATOR, blood/ MALE/ MIDDLE AGE/ MUSCLES, enzymology/ MUSCLES, pathology/ MUSCULAR DISEASES, diagnosis/ MYOFIBRILS/ *OCULOMOTOR PARALYSIS, diagnosis/ SUCCINATE DEHYDROGENASE, metabolism/ THYROID GLAND FUNCTION TESTS/ TRIIODOTHYRONINE, diagnostic use

3589. Scavo D, Iacobelli A, Borgia C: Estudios sobre la aldosterona en la obesidad; la eliminación urinaria de aldosterona y de tetrahidroaldosterona.
Rev Iber Endocr 16:198-215, May-Jun 69 (Spa)
ADOLESCENCE/ ADULT/ AGE FACTORS/ *ALDOSTERONE, urine/ BODY WEIGHT/ ENGLISH ABSTRACT/ HUMAN/ MIDDLE AGE/ *OBESITY, urine/ WATER-ELECTROLYTE BALANCE

3590. Scazziga BR: Goitre et cancer thyroïdien.
Praxis 57:1650-5, 26 Nov 68 (Fre)
DIAGNOSIS, DIFFERENTIAL/ *GOITER, complications/ GOITER, diagnosis/ HUMAN/ THYROID GLAND FUNCTION TESTS/ THYROID NEOPLASMS, diagnosis/ *THYROID NEOPLASMS, etiology

3591. Schaefer K, Schaefer P, Koeppe P, et al: The treatment of uraemic osteopathy.
German Med Monthly 14:238-40, May 69
CALCIUM, metabolism/ CALCIUM ISOTOPES/ HUMAN/ INTESTINAL ABSORPTION, drug effects/ *OSTEOPATHY, drug effects/ *UREMIA, drug therapy/ VITAMIN D, pharmacodynamics/ *VITAMIN D, therapeutic use

3592. Schaison G, Sebaoun J, Gilbert-Dreyfus: Maladie d'Addison et fonction minéralotrope appréciée chez dix addisoniens, par des dosages statiques et dynamiques de la tétrahydroaldostérone urinaire.
Rev Franc Endocr Clin 10:221-31, May-Jun 69 (Fre)
ADDISON'S DISEASE, drug therapy/ *ADDISON'S DISEASE, metabolism/ ADDISON'S DISEASE, physiopathology/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ MINERALOCORTICOIDS, analysis/ *MINERALOCORTICOIDS, metabolism/ PITUITARY GLAND, physiopathology/ *PREGNANES, urine/ WATER-ELECTROLYTE BALANCE

3593. Schally AV, Redding TW, Bowers CY, et al: Isolation and properties of porcine thyrotropin-releasing hormone. J Biol Chem 244:4077-88, 10 Aug 69
AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ COUNTERCURRENT DISTRIBUTION/ DEXTRAN/ ELECTROPHORESIS/ GEL FILTRATION/ *HYPOTHALAMUS, analysis/ IN VITRO/ METHODS/ METHYLCELLULOSE/ MICE/ PITUITARY GLAND, secretion/ RATS/ STIMULATION, CHEMICAL/ SWINE/ THYROTROPIN, secretion/ *THYROTROPIN RELEASING FACTOR/ THYROTROPIN RELEASING FACTOR, analysis/ THYROTROPIN RELEASING FACTOR, isolation & purification/ THYROTROPIN RELEASING FACTOR, pharmacodynamics

3594. Scharf Y, Better O, Gellei B, et al: Long-standing recurrent pancreatitis as manifested in parathyroid carcinoma. Amer J Gastroent 52:111-5, Aug 69
ABDOMEN, ACUTE, etiology/ ADULT/ *CARCINOMA, complications/ CARCINOMA, pathology/ CARCINOMA, surgery/ CHRONIC DISEASE/ FEMALE/ HUMAN/ *PANCREATITIS, complications/ PARATHYROID GLANDS, surgery/ *PARATHYROID NEOPLASMS, complications/ PARATHYROID NEOPLASMS, pathology/ PARATHYROID NEOPLASMS, surgery/ PREGNANCY/ PREGNANCY COMPLICATIONS/ THYROID NEOPLASMS, pathology

3595. Scharoff JR, Serlin N, Atamer MA: Thrombotic thrombocytopenic purpura. Report of a case treated with splenectomy and steroids.
Acta Haemat (Basel) 41:180-5, 1969
ADULT/ BIOPSY/ CASE REPORT/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ KIDNEY, pathology/ LYMPH NODES, pathology/ MUSCLES, pathology/ *PREDNISONE, therapeutic use/ *PURPURA, THROMBOTIC THROMBOPENIC, therapy/ SKIN, pathology/ SPLEEN, pathology/ *SPLENECTOMY

3596. Schatz DL, Sheppard RH, Steiner G, et al: Influence of heparin on serum free thyroxine.
J Clin Endocr 29:1015-22, Aug 69
ADOLESCENCE/ ADULT/ BINDING SITES/ CLINICAL RESEARCH/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ HEMODIALYSIS/ *HEPARIN, pharmacodynamics/ HUMAN/ HYPOTHYROIDISM, blood/ ION EXCHANGE RESINS, diagnostic use/ MALE/ MIDDLE AGE/ PROTAMINES, pharmacodynamics/ PROTEIN BINDING/ THYROID GLAND FUNCTION TESTS/ *THYROXINE, blood/ THYROXINE-BINDING PROTEIN/ TRIIODOTHYRONINE, diagnostic use

3597. Schatz L, Segal HL: Reduction of alpha-ketoglutarate by homogeneous lactic dehydrogenase X of testicular tissue. J Biol Chem 244:4393-7, 25 Aug 69
ANIMAL EXPERIMENTS/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS/ ELECTROPHORESIS, DISK/ GLUTARATES/ *KETOGLUTARIC ACID/ KINETICS/ *LACTATE DEHYDROGENASE ISOENZYMES/ LACTATE DEHYDROGENASE ISOENZYMES, antagonists & inhibitors/ LACTATE DEHYDROGENASE ISOENZYMES, isolation & purification/ MALE/ METHODS/ MOLECULAR WEIGHT/ NAD/ PYRUVATES/ RATS/ SPECTROPHOTOMETRY/ *TESTIS, enzymology

3598. Schatzmann HJ: Zum Wirkungsmechanismus der Herzglykoside.
Naunyn Schmiedeberg Arch Pharm 263:12-23, 1969 (126 ref.) (Ger)
ADENOSINE TRIPHOSPHATASE, metabolism/ BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ *CALCIUM, metabolism/ *CARDIAC GLYCOSIDES, pharmacodynamics/ CELL MEMBRANE PERMEABILITY/ DEPRESSION, CHEMICAL/ HEART, drug effects/ MUSCLE CONTRACTION/ MYOCARDIUM, metabolism/ POTASSIUM, metabolism/ REVIEW/ SODIUM, metabolism

3599. Scheier CA, Rohr HP: Fluoreszenzmikroskopische Beiträge zum Wachstumsablauf am tetracyclinmarkeierten Röhrenknochen der jungen Ratte unter besonderer Berücksichtigung der parathormoninduzierten Knochenveränderungen.
Z Mikr Anat Forsch 79:515-32, 1968 (Ger)
ANIMAL EXPERIMENTS/ *BONE DEVELOPMENT, drug effects/ ENGLISH ABSTRACT/ EPIPHYSES, drug effects/ EPIPHYSES, growth & development/ FEMUR, growth & development/ HISTOLOGICAL TECHNICS/ HUMERUS, growth & development/ INCISOR, growth & development/ INJECTIONS, INTRAPERITONEAL/ METHODS/ *MICROSCOPY, FLUORESCENCE/ OSTEOCLASTS/ *PARATHYROID HORMONE, pharmacodynamics/ RATS/ *TETRACYCLINE, diagnostic use/ TIBIA, growth & development

3600. **Schellen TM:** Treatment of male infertility with human menopausal gonadotrophin (HMG) combined with human chorionic gonadotrophin (HCG).
Int J Fertil 14:222-7, Jul-Sep 69
BIOPSY/ FSH/ *GONADOTROPINS, therapeutic use/ GONADOTROPINS, urine/ *GONADOTROPINS, CHORIONIC, therapeutic use/ HUMAN/ LH/ MALE/ PREGNANCY/ SEMEN, analysis/ SPERMATOZOA/ *STERILITY, MALE, drug therapy/ TESTIS, anatomy & histology

3601. **Schemmel K, Weisbecker L, Müller W, et al:** Synergistic and inhibitory activity of various hormones on the exophthalmo producing factor in sera of patients suffering from endocrine exophthalmos.
Acta Endocr (Kobenhavn) 61:407-14, Jul 69
ANIMAL EXPERIMENTS/ CORTICOTROPIN, pharmacodynamics/ CYPRINIDAE/ DRUG SYNERGISM/ *EXOPHTHALMOS, drug therapy/ EXOPHTHALMOS PRODUCING SUBSTANCE, antagonists & inhibitors/ GONADOTROPINS, pharmacodynamics/ PREDNISOLONE, pharmacodynamics/ THYROTROPIN, pharmacodynamics/ THYROXINE, pharmacodynamics

3602. **Scheuer J, Shaver JA, Harris BC, et al:** Electrocardiographic findings in cardiac transplantation. Circulation 40:289-96, Sep 69
ANTILYMPHOCYTE SERUM, therapeutic use/ ARRHYTHMIA, physiopathology/ BRADYCARDIA, physiopathology/ *ELECTROCARDIOGRAPHY/ *HEART, transplantation/ HUMAN/ HYDROCORTISONE, therapeutic use/ ISOPROTERENOL, therapeutic use/ MALE/ METHYLPREDNISOLONE, therapeutic use/ MIDDLE AGE/ TACHYCARDIA, physiopathology/ TRANSPLANTATION, HOMOLOGOUS/ TRANSPLANTATION IMMUNOLOGY

3603. **Schiatti E, Ulian S:** Alcuni aspetti endocrini della "ipertricosi idiopatica".
ADOLESCENCE/ ADULT/ ENDOCRINE DISEASES/ ENGLISH ABSTRACT/ ESTROGENS, urine/ FEMALE/ HUMAN/ *HYPERTRICHOSIS, etiology/ MALE/ TESTOSTERONE, urine

3604. **Schickedanz H, Koch W, Zwacka G:** Klinik und Prognose der Osteogenesis imperfecta.
Beitr Orthop Trauma 15:628-30, Oct 68 (Ger)
HUMAN/ INFANT/ *OSTEOGENESIS IMPERFECTA, classification/ OSTEOGENESIS IMPERFECTA, radiography/ PROGNOSIS

3605. **Schieche M, Reistel R:** Schilddrüsenfunktion bei Diabetikern. Z Ges Inn Med 24:307-8, 15 May 69 (Ger)
ADULT/ AGED/ DIABETES MELLITUS, complications/ *DIABETES MELLITUS, physiopathology/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERTHYROIDISM, blood/ HYPOTHYROIDISM, blood/ MALE/ MIDDLE AGE/ PROTEIN-BOUND IODINE TEST/ THYROID DISEASES, complications/ *THYROID GLAND, physiopathology

3606. **Schiff M:** Wound healing.
Laryngoscope 79:1419-27, Aug 69
ASCORBIC ACID, metabolism/ ASCORBIC ACID DEFICIENCY/ *COLLAGEN, biosynthesis/ *CONNECTIVE TISSUE CELLS, metabolism/ GRANULATION TISSUE, drug effects/ HISTAMINE LIBERATION/ IRON, metabolism/ KETOGLUTARIC ACID, metabolism/ MICROSCOPY, ELECTRON/ MUCOPOLYSACCHARIDES, metabolism/ THYROTROPIN, pharmacodynamics/ THYROXINE, pharmacodynamics/ *WOUND HEALING/ WOUNDS AND INJURIES, drug therapy

3607. **Schildkraut JJ, Schanberg SM, Breese GR, et al:** Effects of psychoactive drugs on the metabolism of intracisternally administered serotonin in rat brain.
Biochem Pharmacol 18:1971-8, Aug 69
ANIMAL EXPERIMENTS/ BRAIN, metabolism/ *BRAIN CHEMISTRY, drug effects/ CARBON ISOTOPES/ CEREBELLUM, analysis/ CHLORPROMAZINE, pharmacodynamics/ DESIPRAMINE, pharmacodynamics/ ETHERS, pharmacodynamics/ HYPOTHALAMUS, analysis/ IMIPRAMINE, pharmacodynamics/ LYSERGIC ACID DIETHYLAMIDE, pharmacodynamics/ MEDULLA OBLONGATA, analysis/ MESENCEPHALON, analysis/ NOREPINEPHRINE, administration & dosage/ NOREPINEPHRINE, metabolism/ PARGYLINE, pharmacodynamics/ PENTOBARBITAL, pharmacodynamics/ PONS, analysis/ RATS/ RESERPINE, pharmacodynamics/ SEROTONIN, administration & dosage/ *SEROTONIN, metabolism/ TRITIUM

3608. **Schilling F, Oertel GW, Treiber L:** Periodisches Fieber und Atiocholanolon-Fieber bei chronischen rheumatischen Leiden. Eine Kasuistik.
Z Rheumaforsch 28:117-25, Mar-Apr 69 (Ger)
ADULT/ ARTHRITIS, RHEUMATOID, blood/ *ARTHRITIS, RHEUMATOID, complications/ DERMATOMYOSITIS, blood/ *DERMATOMYOSITIS, complications/ ENGLISH ABSTRACT/ ETIOCHOLANOLONE, blood/ FEMALE/ FEVER, blood/ *FEVER, etiology/ GOUT, blood/ *GOUT, complications/ HUMAN/ LUPUS ERYTHEMATOSUS, SYSTEMIC, blood/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ MALE/ MIDDLE AGE/ PERIODIC DISEASE, blood/ *PERIODIC DISEASE, complications/ PERIODICITY

3609. **Schimmelpenning GW:** Probleme der modernen Antikonzeption in nervenärztlicher Sicht.
Hippokrates 39:765-9, 31 Oct 68 (Ger)
ADULT/ CATHOLICISM/ *CONTRACEPTIVES, ORAL, adverse effects/ *DEPRESSION, etiology/ FEMALE/ HUMAN/ PREGNANCY/ *PSYCHOPHYSIOLOGIC DISORDERS

3610. **Schimschock JR, Carlson CB, Ojemann LM:** Massive spasms associated with holoprosencephaly.
Amer J Dis Child 118:520-4, Sep 69
CLEFT LIP, complications/ CLEFT PALATE, complications/ DIABETES INSIPIDUS, complications/ ELECTROENCEPHALOGRAPHY/ FEMALE/ HUMAN/ *HYPSARRHYTHMIA, complications/ INFANT/ *SPASM, complications

3611. **Schindel J:** [Tonsillogenic sepsis]
Dapim Refuiim 27:288-91, Dec 68 (Heb)
ANTIBIOTICS, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ *SEPTICEMIA, etiology/ STEROIDS, therapeutic use/ *TONSILLITIS, complications

3612. **Schirmeyer R:** Ein Beitrag zur Entstehung des angeborenen Klumpfusses (Pathologisch-anatomische Untersuchungen am Föten) Beitr Orthop Trauma 15:591-4, Oct 68 (Ger)
BONE AND BONES, pathology/ *CLUBFOOT, etiology/ *FETUS, pathology/ HUMAN/ MUSCLES, pathology

3613. **Schirren C, Immel L:** Hormonale Theapie der Akne vulgaris. Ovulationshemmer bei prämenstrueller Akne.
Munchen Med Wschr 111:1742-7, 29 Aug 69 (Ger)
*ACNE, drug therapy/ ADOLESCENCE/ ADULT/ CHLORMADINONE, therapeutic use/ *CONTRACEPTIVES, ORAL, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MENSTRUATION/ MESTRANOL, therapeutic use

3614. **Schlack HG:** Transitorischer Hyperparathyreoidismus beim Kind einer hypoparathyreoten Mutter.
Arch Kinderheilk 179:72-7, May 69 (Ger)
CALCIUM, metabolism/ FEMALE/ HUMAN/ HYPERPARATHYROIDISM, drug therapy/ *HYPERPARATHYROIDISM, etiology/ HYPERPARATHYROIDISM, metabolism/ *HYPOPARATHYROIDISM, complications/ INFANT/ MATERNAL-FETAL EXCHANGE/ PARATHYROID HORMONE, physiology/ PREGNANCY/ *PREGNANCY

COMPLICATIONS/ VITAMIN D, therapeutic use

3615. Schlewing P: Beitrag zur Osteogenesis imperfecta.
Beitr Orthop Trauma 15:633-4, Oct 68 (Ger)
ADOLESCENCE/ FEMALE/ HUMAN/ MALE/ *OSTEOGENESIS IMPERFECTA, drug therapy/ OSTEOGENESIS IMPERFECTA, rehabilitation

3616. Schloen LH, Bamburg JR, Sallach HJ: Isozymes of pyruvate kinase in tissues and eggs of Rana pipiens.
Biochem Biophys Res Commun 36:823-9, 22 Aug 69
ANIMAL EXPERIMENTS/ BRAIN, enzymology/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS/ FEMALE/ FROGS/ HEXOSEPHOSPHATES/ *ISOENZYMES, analysis/ KIDNEY, enzymology/ LIVER, enzymology/ LUNG, enzymology/ MALE/ MUSCLES, enzymology/ MYOCARDIUM, enzymology/ OVARY, enzymology/ *OVUM, enzymology/ *PYRUVATE KINASE, analysis/ SPLEEN, enzymology

3617. Schmalz H, Ocklitz HW, Schmitz HH, et al: Pädiatrische Arbeitsrichtlinien. 20. Elektrolyte.
Z Aerztl Fortbild (Jena) 63:478-86, 1 May 69 (Ger)
ACID-BASE EQUILIBRIUM/ ACIDOSIS, diagnosis/ ADRENAL GLAND HYPOFUNCTION, drug therapy/ ALKALOSIS, diagnosis/ BODY FLUIDS/ CHILD/ DIABETIC COMA, drug therapy/ EXTRACELLULAR SPACE/ HUMAN/ HYPERCALCEMIA, diagnosis/ HYPERKALEMIA, diagnosis/ HYPERNATREMIA, diagnosis/ HYPOCALCEMIA, diagnosis/ HYPOKALEMIA, diagnosis/ HYPONATREMIA, diagnosis/ INFUSIONS, PARENTERAL/ NUTRITION DISORDERS, diagnosis/ VOMITING, drug therapy/ *WATER-ELECTROLYTE BALANCE/ WATER INTOXICATION, drug therapy

3618. Schmid A: Wirkung von Thiolen auf Harnvolumen und -osmolarität beim Kaninchen.
Naunyn Schmiedeberg Arch Pharm 264:165-71, 1969 (Ger)
*AET, pharmacodynamics/ *ALANINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *CYSTEINE, pharmacodynamics/ *DIMERCAPROL, pharmacodynamics/ FEMALE/ KIDNEY, drug effects/ OSMOLAR CONCENTRATION/ *PENICILLAMINE, pharmacodynamics/ RABBITS/ RECEPTORS, DRUG/ *SERINE, pharmacodynamics/ *SODIUM CHLORIDE, pharmacodynamics/ *THIOSULFATES, pharmacodynamics/ *URINE/ VASOPRESSIN, physiology

3619. Schmid W, Leppert MF: Rates of DNA synthesis in heterochromatic and euchromatic segments of the chromosome complements of two rodents.
Cytogenetics (Basel) 8:125-35, 1969
ANIMAL EXPERIMENTS/ *CHROMOSOMES, metabolism/ *DNA REPLICATION/ FEMALE/ FIBROBLASTS, cytology/ HAMSTERS/ HETEROCHROMATIN, metabolism/ IN VITRO/ KIDNEY/ MALE/ RADIOAUTOGRAPHY/ RODENTS/ *SEX CHROMOSOMES, metabolism/ THYMIDINE, metabolism/ TRITIUM

3620. Schmidt HG, Schultis K: VII. Zur Therapie der akuten diffusen Glomerulonephritis.
Med Welt 23:1460-2, 10 Jun 67 (Ger)
ANTIHISTAMINICS, therapeutic use/ CARDIAC GLYCOSIDES, therapeutic use/ DIET, SALT-FREE/ GLOMERULONEPHRITIS, complications/ *GLOMERULONEPHRITIS, drug therapy/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ PENICILLIN, administration & dosage/ *PENICILLIN, therapeutic use/ RESERPINE, therapeutic use/ STREPTOCOCCAL INFECTIONS, drug therapy

3621. Schmidt-Elmendorff H: Urinary gonadotrophin excretion during the normal menstrual cycle.
Int J Fertil 14:250-5, Jul-Sep 69
FEMALE/ FSH, urine/ *GONADOTROPINS, PITUITARY, urine/ HUMAN/ LH, urine/ *MENSTRUATION/ OVULATION

3622. Schmidt-Elmendorff H, Kaiser E, Kopera H: The effect of 0.5 mg lynestrenol on the follicle stimulating hormone, luteinizing hormone, oestrogen and pregnanediol excretion during the menstrual cycle.
Arzneimitteiforschung 19:1277-9, Aug 69
CORPUS LUTEUM, drug effects/ DEPRESSION, CHEMICAL/ *ESTROGENS, urine/ FEMALE/ *FSH, urine/ GONADOTROPINS, urine/ HUMAN/ *LH, urine/ *LYNESTRENOL, administration & dosage/ OVULATION, drug effects/ *PREGNANEDIOL, urine

3623. Schmidt-Matthiesen H: Histochemie. Anwendbarkeit histochemischer Methoden in der Gynäkologie.
Arch Gynaek 207:362-9, 1969 (Ger)
ADENOCARCINOMA, diagnosis/ ANIMAL EXPERIMENTS/ CARCINOMA, EPIDERMOID, diagnosis/ CERVIX NEOPLASMS, diagnosis/ DNA, analysis/ ENDOMETRIUM, analysis/ ESTRUS/ FEMALE/ GLUCOSEPHOSPHATE DEHYDROGENASE, analysis/ GRAAFIAN FOLLICLE, enzymology/ *GYNECOLOGY/ *HISTOCYTOCHEMISTRY/ HUMAN/ LACTATE DEHYDROGENASE, analysis/ METHODS/ MICE/ MONOAMINE OXIDASE, analysis/ PLACENTA, enzymology/ RADIOAUTOGRAPHY/ RNA, analysis/ STEIN-LEVENTHAL SYNDROME, enzymology/ STERILITY, FEMALE, diagnosis/ UTERINE NEOPLASMS, diagnosis

3624. Schmied P, Van Rossum P, Fallet GH: Traitement conservateur des rhumatismues inflammatories chroniques.
Schweiz Med Wschr 99:933-41, 28 Jun 69 (49 ref.) (Fre)
ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ ANALGESICS AND ANTIPYRETICS, therapeutic use/ *ANTI-INFLAMMATORY AGENTS, therapeutic use/ ANTIMALARIALS, therapeutic use/ *ARTHRITIS, RHEUMATOID, drug therapy/ CHILD/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ FLUFENAMIC ACID, therapeutic use/ GOLD, therapeutic use/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ INDOMETHACIN, therapeutic use/ INFANT/ LONG TERM CARE/ MALE/ MEFENAMIC ACID, therapeutic use/ MIDDLE AGE/ MUSCLE RELAXANTS, therapeutic use/ OXYPHENBUTAZONE, therapeutic use/ PHENYLBUTAZONE, therapeutic use/ PHYSICAL THERAPY/ PREDNISONE, therapeutic use/ REHABILITATION/ REVIEW/ SALICYLATES, therapeutic use

3625. Schmitt J, Montaut J, Barrucand D: Réflexions sur un cas de tumeur de la région pinéale.
Rev Otoneuroophtal 41:18-25, Jan-Feb 69 (Fre)
ADULT/ BRAIN NEOPLASMS, complications/ *BRAIN NEOPLASMS, diagnosis/ DIABETES INSIPIDUS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ MALE/ PINEALOMA, complications/ *PINEALOMA, diagnosis/ POLYURIA, etiology/ PSYCHOPHYSIOLOGIC DISORDERS, diagnosis/ THIRST

3626. Schneider FH: Secretion from the isolated bovine adrenal medulla.
Proc West Pharmacol Soc 12:107-9, 1969
ADRENAL GLANDS, analysis/ ADRENAL GLANDS, enzymology/ *ADRENAL GLANDS, secretion/ ADRENAL MEDULLA, analysis/ ADRENAL MEDULLA, drug effects/ ADRENAL MEDULLA, enzymology/ *ADRENAL MEDULLA, secretion/ ANIMAL EXPERIMENTS/ CARBACHOL, pharmacodynamics/ *CATECHOLAMINES, analysis/ CATTLE/ DEOXYRIBONUCLEASE, analysis/ LACTATE DEHYDROGENASE, analysis/ PERFUSION

3627. Schneider G, Schimmelpfennig W, Theuer D, et al: Ergebnisse der Therapie aktiver chronischer Hepatophathien mit 6-Merkaptopurin.
Z Ges Inn Med 24:Suppl:124-6, 15 Apr 69 (Ger)
ADOLESCENCE/ ADULT/ *ANTIMETABOLITES, therapeutic use/

AZAGUANINE, therapeutic use/ AZATHIOPRINE, therapeutic use/ CHRONIC DISEASE/ CYCLOPHOSPHAMIDE, therapeutic use/ FEMALE/ *HEPATITIS, drug therapy/ HUMAN/ *LIVER CIRRHOSIS, drug therapy/ MALE/ *MERCAPTOPURINE, therapeutic use/ MIDDLE AGE/ PREDNISONE, therapeutic use/ THIOGUANINE, therapeutic use

3628. **Schneider HR**: Some findings concerning the relationship between ontogenesis and cytoarchitecture of the primate brain.
J Comp Neurol 133:411-27, Aug 68
ANATOMY, COMPARATIVE/ ANIMAL EXPERIMENTS/ *BRAIN, cytology/ BRAIN, growth & development/ BRAIN STEM, cytology/ HUMAN/ HYPOTHALAMUS, cytology/ MONKEYS/ NEURONS, cytology/ PHOTOGRAPHY/ *PRIMATES/ SPECIES SPECIFICITY/ STAINS AND STAINING

3629. **Schneider PB**: Effects of thyrotropin on thyroidal phospholipid and adenosine 5'-triphosphate metabolism. J Biol Chem 244:4490-3, 25 Aug 69
*ADENOSINE TRIPHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ CATTLE/ DEPRESSION, CHEMICAL/ DINITROPHENOLS, pharmacodynamics/ GLYCERIN, metabolism/ IN VITRO/ PHOSPHATES, metabolism/ *PHOSPHOLIPIDS, metabolism/ PHOSPHORUS ISOTOPES/ STIMULATION, CHEMICAL/ THYROID GLAND, drug effects/ *THYROID GLAND, metabolism/ *THYROTROPIN, pharmacodynamics/ TRITIUM

3630. **Schneider WP, Axen U, Lincoln FH, et al**: The synthesis of prostaglandin E1 and related substances.
J Amer Chem Soc 91:5372-8, 10 Sep 69
ALKANES/ ESTERS/ KETONES/ *PROSTAGLANDINS, chem synthesis/ STEREOISOMERS

3631. **Schneider-Reinkens A**: Uber die Behandlung des Klimakteriums in geschlossenen Anstalten.
Z Allgemeinmed 45:870-3, 30 Jun 69 (Ger)
*AMINO ALCOHOLS, therapeutic use/ *ANDROGENS, therapeutic use/ *BARBITURATES, therapeutic use/ *CLIMACTERIC/ ESTROGENS, analysis/ *ESTROGENS, therapeutic use/ FEMALE/ GERMANY, WEST/ HUMAN/ MIDDLE AGE/ *PRISONS/ *PSYCHOPHYSIOLOGIC DISORDERS, drug therapy/ VAGINAL SMEARS

3632. **Schnitzlein HN, Crosby EC**: The epithalamus and thalamus of the lungfish, protopterus.
J Hirnforsch 10:351-71, 1968
*DIENCEPHALON, anatomy & histology/ DIENCEPHALON, physiology/ *FISHES/ HYPOTHALAMUS, anatomy & histology/ NEUROFIBRILS/ NOMENCLATURE/ SPECIES SPECIFICITY/ *THALAMUS, anatomy & histology

3633. **Schofield S, Olds L, Daniels A, et al**: Effect of glutethimide and aminoglutethimide on the pituitary-adrenal system.
Proc West Pharmacol Soc 12:109-11, 1969
ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ CORTICOTROPIN, blood/ CORTICOTROPIN, secretion/ *GLUTETHIMIDE, pharmacodynamics/ MALE/ *PITUITARY-ADRENAL SYSTEM, drug effects/ PITUITARY GLAND, secretion/ RATS/ STRESS

3634. **Schöne D, Hauschild G, Wässer S**: Hypercalciurie unter PAS-Calcium-Medikation als pathogenetischer Faktor der Urolithiasis.
Deutsch Med Wschr 94:1928-32, 19 Sep 69 (Ger)
AMINOSALICYLIC ACID, administration & dosage/ *AMINOSALICYLIC ACID, adverse effects/ *CALCIUM, blood/ CALCIUM, metabolism/ *CALCIUM, urine/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ HUMAN/ HYDROGEN-ION CONCENTRATION/ TUBERCULOSIS, PULMONARY, drug therapy/ *URINARY CALCULI, chemically induced

3635. **Schrader KE**: Schädigungen des vorderen Augenabschnittes durch Medikamente.
Ophthalmologica (Basel) 158:218-31, 1969 (Ger)
ANTIBIOTICS, adverse effects/ ANTICOAGULANTS, adverse effects/ ANTIDEPRESSIVE AGENTS, adverse effects/ CORNEA/ DINITROPHENOLS, adverse effects/ *DRUG THERAPY, adverse effects/ EPIDERMAL NECROLYSIS, TOXIC, chemically induced/ EPINEPHRINE, adverse effects/ *EYE DISEASES, chemically induced/ GLUCOCORTICOIDS, adverse effects/ GOLD, adverse effects/ HUMAN/ HYDANTOINS, adverse effects/ IDOXURIDINE, adverse effects/ KERATOCONJUNCTIVITIS, chemically induced/ MIOTICS, adverse effects/ PHENACETIN, adverse effects/ PHENOTHIAZINES, adverse effects/ RETINAL DETACHMENT, chemically induced/ SILVER NITRATE, adverse effects/ SULFONAMIDES, adverse effects/ THALIDOMIDE, adverse effects/ VISION DISORDERS, chemically induced

3636. **Schreibman MP, Kallman KD**: The effect of hypophysectomy on freshwater surviv in teleosts of the order Atherinifoes.
Gen Comp Endocr 13:27-38, Aug 69
ANIMAL EXPERIMENTS/ ECOLOGY/ EVOLUTION/ *FISHES, physiology/ *HYPOPHYSECTOMY/ MORTALITY/ PITUITARY GLAND, anatomy & histology/ PITUITARY GLAND, physiology/ SEAWATER/ SPECIES SPECIFICITY/ TIME FACTORS/ *WATER/ WATER-ELECTROLYTE BALANCE

3637. **Schriefers H, Kley HK, Brodesser M**: Androgen-Metabolismus und Ostrogen-Produktion in Explantatkulturen von Rattenovarien nach Inkubation mit Androstendion und Testosteron.
Hoppe Seyler Z Physiol Chem 350:999-1007, Aug 69 (Ger)
*ANDROSTANES, metabolism/ ANIMAL EXPERIMENTS/ BIOTRANSFORMATION/ CARBON ISOTOPES/ CHROMATOGRAPHY/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ ESTRADIOL, biosynthesis/ *ESTROGENS, biosynthesis/ FEMALE/ HYDROXYSTEROID DEHYDROGENASE, metabolism/ IN VITRO/ *17-KETOSTEROIDS, metabolism/ KINETICS/ *OVARY, metabolism/ OXIDOREDUCTASES, metabolism/ RADIOISOTOPE DILUTION TECHNIC/ RATS/ *TESTOSTERONE, metabolism/ TISSUE CULTURE

3638. **Schröder J**: Salmonellosen. Klinik, Therapie, Prophylaxe.
Ther Gegenw 107:1556 passim, Dec 68 (Ger)
ADRENAL CORTEX HORMONES, therapeutic use/ ANTIBIOTICS, therapeutic use/ HUMAN/ *SALMONELLA INFECTIONS/ SALMONELLA INFECTIONS, diagnosis/ SALMONELLA INFECTIONS, drug therapy/ SALMONELLA INFECTIONS, prevention & control

3639. **Schröder JH**: X-ray-induced mutations in the poeciliid fish, Lebistes reticulatus Peters.
Mutat Res 7:75-90, Jan-Feb 69
ABNORMALITIES, etiology/ ANIMAL EXPERIMENTS/ DEATH, radiation effects/ FEMALE/ FETAL DEATH, radiation effects/ FISHES/ GERM CELLS, radiation effects/ HYBRIDIZATION/ INBREEDING/ MALE/ *MUTATION, radiation effects/ PIGMENTATION/ *RADIATION GENETICS/ SEX DIFFERENTIATION DISORDERS, etiology/ SEX RATIO, radiation effects

3640. **Schubert K, Hobe G**: Metabolism of steroid drugs. I. Different stereospecific hydrogenation of 19-nortestosterone enantiomers by Mycobacterium smegmatis. Steroids 14:297-300, Sep 69
ANDROSTANES, metabolism/ *MYCOBACTERIUM, metabolism/ *NANDROLONE, metabolism/ STEREOISOMERS

3641. **Schubiger V, Hauser GA**: Praktische Erfahrungen mit

dem Ovulationshemmer Lyndiol 2,5.
Ther Umsch 25:343-8, Jun 68 (Ger)
ADULT/ CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ FEMALE/ HUMAN

3642. **Schuilenburg RM, Durrer D:** Ventricular echo beats in the human heart elicited by induced ventricular premature beats. Circulation 40:337-47, Sep 69
ADULT/ ECHOCARDIOGRAPHY/ ELECTROCARDIOGRAPHY/ FEMALE/ HEART AUSCULTATION/ *HEART CONDUCTION SYSTEM, physiopathology/ *HEART DISEASES, diagnosis/ HEART RATE/ HEART VENTRICLE, physiopathology/ HUMAN/ HYPERTHYROIDISM/ MALE/ *ULTRASONICS, diagnostic use

3643. **Schultz G:** Hormonale Beeinflussung der Bildung von cyclischem Adenosin-3'-5'-monophosphat in der Rattenniere.
Naunyn Schmiedeberg Arch Pharm 263:250-1, 1969 (Ger)
*ADENINE NUCLEOTIDES, biosynthesis/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, biosynthesis/ ADENYL CYCLASE, metabolism/ ANIMAL EXPERIMENTS/ CELL MEMBRANE PERMEABILITY/ *DIURESIS/ *KIDNEY, metabolism/ KIDNEY TUBULES, physiology/ RATS/ *VASOPRESSIN, physiology/ WATER, metabolism

3644. **Schwartz E, Wiedemann E, Simon S, et al:** Estrogenic antagonism of metabolic effects of administered growth hormone. J Clin Endocr 29:1176-81, Sep 69
ADULT/ BONE RESORPTION, drug effects/ CALCIUM, urine/ CLINICAL RESEARCH/ *ESTROGENIC SUBSTANCES, CONJUGATED, pharmacodynamics/ *ETHINYL ESTRADIOL, pharmacodynamics/ FECES, analysis/ HUMAN/ HYDROXYPROLINE, urine/ MALE/ MIDDLE AGE/ NITROGEN, metabolism/ OSTEOPOROSIS, drug therapy/ OSTEOPOROSIS, metabolism/ PHOSPHORUS, blood/ *SOMATOTROPIN, antagonists & inhibitors/ SOMATOTROPIN, therapeutic use

3645. **Schwarz HJ:** EEG-Beurteilungen als Ursache verzögerter Hirntumor-Diagnostik.
Psychiat Neurol Med Psychol (Leipzig) 20:416-20, Nov 68 (Ger)
ADULT/ *BRAIN NEOPLASMS, diagnosis/ *CEREBELLAR NEOPLASMS, diagnosis/ CHILD/ *CRANIOPHARYNGIOMA, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ *ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ *EPILEPSY, diagnosis/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PITUITARY NEOPLASMS, diagnosis

3646. **Schweitzer PM:** Klinische aspecten van insulineresistentie.
Nederl T Geneesk 113:1433-7, 16 Aug 69 (Dut)
ANIMAL EXPERIMENTS/ ANTIDIABETICS, therapeutic use/ GUINEA PIGS/ HEMAGGLUTINATION TESTS/ HUMAN/ INSULIN ANTIBODIES, analysis/ *INSULIN RESISTANCE/ *METABOLIC DISEASES, drug therapy/ PASSIVE CUTANEOUS ANAPHYLAXIS/ PREDNISONE, therapeutic use/ RATS

3647. **Schweppe JS, Jungmann RA:** Hormones and cholesterol ester metabolism.
J Amer Geriat Soc 17:740-54, Aug 69 (67 ref.)
ACETATES, metabolism/ ANIMAL EXPERIMENTS/ ARACHIDONIC ACID, metabolism/ ARTERIOSCLEROSIS, metabolism/ BILE ACIDS AND SALTS, biosynthesis/ BIOLOGICAL TRANSPORT/ CHOLESTEROL, biosynthesis/ CHOLESTEROL, blood/ *CHOLESTEROL, metabolism/ *CORTICOTROPIN, pharmacodynamics/ DIET/ *EPINEPHRINE, pharmacodynamics/ ESTERS, biosynthesis/ ESTERS, blood/ ESTERS, metabolism/ *ESTRADIOL, pharmacodynamics/ FEMALE/ HYDROLASES, metabolism/ *INSULIN, pharmacodynamics/ INTESTINAL ABSORPTION/ LIGASES, metabolism/ LINOLEIC ACID, metabolism/ LIPOPROTEINS, metabolism/ LIVER, metabolism/ MEVALONIC ACID, metabolism/ MICROSOMES, metabolism/ OLEIC ACID, metabolism/ PALMITIC ACID, metabolism/ RATS/ REVIEW/ *TESTOSTERONE, pharmacodynamics/ *THYROXINE, pharmacodynamics/ TRANSFERASES, metabolism

3648. **Schwers J:** La contraception.
Infirmiere 47:12-6, Aug 69 (Fre)
CONTRACEPTION/ CONTRACEPTIVES, ORAL/ INTRAUTERINE DEVICES/ SPECIAL LIST NURSING

3649. **Sciarra F, Piro C, Sorcini G:** Aspetti della biosintesi steroidea nel testicolo umano normale.
Folia Endocr (Roma) 21:412-22, Aug 68 (Ita)
ADULT/ AGED/ CARBON ISOTOPES/ CHROMATOGRAPHY, THIN LAYER/ *DEHYDROEPIANDROSTERONE, biosynthesis/ ENGLISH ABSTRACT/ *ESTRADIOL, biosynthesis/ *ESTRONE, biosynthesis/ GONADOTROPINS, urine/ HUMAN/ 17-KETOSTEROIDS, urine/ MALE/ MIDDLE AGE/ *PREGNENOLONE, biosynthesis/ *PROGESTERONE, biosynthesis/ *TESTIS, metabolism/ *TESTOSTERONE, biosynthesis/ TESTOSTERONE, blood

3650. **Sciarra F, Piro C, Concolino G, et al:** Il metabolismo del deidroepiandrosterone a livello cutaneo: esperimenti in vitro. Folia Endocr (Roma) 21:423-30, Aug 68 (Ita)
ADULT/ CARBON ISOTOPES/ *DEHYDROEPIANDROSTERONE, metabolism/ ENGLISH ABSTRACT/ FEMALE/ *FIBROMA, metabolism/ HUMAN/ IN VITRO/ MENOPAUSE/ MIDDLE AGE/ *SKIN, metabolism/ *TESTOSTERONE, biosynthesis/ TISSUE CULTURE/ *UTERINE NEOPLASMS, metabolism

3651. **Scott D:** Changes in the composition of saliva and blood of lactating sheep grazing heavily fertilised grass.
Res Vet Sci 10:121-6, Mar 69
ALDOSTERONE, physiology/ ANIMAL EXPERIMENTS/ DIET/ FEMALE/ *FERTILIZERS/ *GRASSES/ *MAGNESIUM, blood/ METABOLIC DISEASES, veterinary/ POTASSIUM, analysis/ PREGNANCY/ *SALIVA, analysis/ *SHEEP DISEASES, etiology

3652. **Scott DE:** Ultrastructural changes in the neural lobe of the hypophysis of the kangaroo rat (Dipodomys merriami) following intraperitoneal injection of hypertonic sodium chloride.
Neuroendocrinology 4:347-67, 1969
ANIMAL EXPERIMENTS/ AXONS/ DEHYDRATION, physiopathology/ FEMALE/ HYPERTONIC SOLUTIONS/ INJECTIONS, INTRAPERITONEAL/ MALE/ MICROSCOPY, ELECTRON/ NEUROSECRETION/ OSMIUM/ *PITUITARY GLAND, POSTERIOR, cytology/ PITUITARY GLAND, POSTERIOR, drug effects/ PITUITARY GLAND, POSTERIOR, physiopathology/ RATS/ *SODIUM CHLORIDE, administration & dosage/ SPECIES SPECIFICITY/ STAINS AND STAINING/ SYNAPSES

3653. **Seelig HP, Roemheld R:** Untersuchungen zur histochemischen Lokalisation der Leucin- und Cystinaminopeptidase (Oxytocinase) in der Placenta.
Histochemie 18:30-9, 17 Apr 69 (Ger)
AMINES/ *AMINOPEPTIDASES, analysis/ CYSTINE/ ENGLISH ABSTRACT/ FEMALE/ HISTOCYTOCHEMISTRY/ HUMAN/ *LEUCINE AMINOPEPTIDASE, analysis/ NAPHTHALENES/ *PLACENTA, enzymology/ PREGNANCY

3654. **Seghezzi R, Ercoli A, Bordonaro L:** Trattamento antinfiammatorio delle emorroidi e delle ragadi anali.
Minerva Chir 23:1296-306, 31 Dec 68 (Ita)
ADULT/ AGED/ ANESTHETICS, LOCAL, therapeutic use/ ANTI-INFLAMMATORY AGENTS, TOPICAL, therapeutic use/ BISMUTH, therapeutic use/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FEMALE/ *FISSURE IN ANO, drug therapy/

*FLUOCINOLONE ACETONIDE, therapeutic use/ *GLUCOCORTICOIDS, therapeutic use/ *HEMORRHOIDS, drug therapy/ HUMAN/ MALE/ MIDDLE AGE/ PLACEBOS, therapeutic use

3655. Seiguer AC, Alonso A, Castro AE: Action d'agents vasoactifs sur la diffusion de protéines marquées au niveau du tissu conjonctif.
C R Soc Biol (Paris) 162:2019, May 69 (Fre)
ANIMAL EXPERIMENTS/ *BRADYKININ, pharmacodynamics/ CONNECTIVE TISSUE, drug effects/ *CONNECTIVE TISSUE, metabolism/ DIFFUSION/ FLUORESCENT DYES/ GUINEA PIGS/ *HISTAMINE, pharmacodynamics/ *HYALURONIDASE, pharmacodynamics/ *SEROTONIN, pharmacodynamics/ *VASOMOTOR SYSTEM, drug effects

3656. Seki M, Sekiyama S, Miyahara H, et al: Studies on regenerating adrenal cortex. 2. Autoradiographic and electron microscopic observations.
Endocr Jap 16:361-77, Jun 69
*ADRENAL GLANDS, cytology/ ADRENAL GLANDS, metabolism/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CORTICOSTERONE, blood/ ENDOPLASMIC RETICULUM/ MALE/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ MITOSIS/ RADIOAUTOGRAPHY/ RATS/ *REGENERATION/ THYMIDINE/ TRITIUM

3657. Seki T, Sugase T: Chromatographic separation of 17-ketosteroids and 17-hydroxycorticosteroids on sephadex LH-20. J Chromatogr 42:503-8, 22 Jul 69
ANDROSTERONE, urine/ CHROMATOGRAPHY/ CORTICOSTERONE, urine/ CORTISONE, urine/ DEHYDROEPIANDROSTERONE, urine/ ETIOCHOLANOLONE, urine/ HYDROCORTISONE, urine/ *17-HYDROXYCORTICOSTEROIDS, urine/ *17-KETOSTEROIDS, urine/ SPECTROPHOTOMETRY

3658. Sekino H, Nagai M, Chigasaki H, et al: [Infundibulo-pituicytoma and granular-cell myoblastoma--clinical study]
Brain Nerve (Tokyo) 21:911-20, Aug 69 (Jap)
ADOLESCENCE/ ADULT/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ HEADACHE, complications/ HUMAN/ INTRACRANIAL PRESSURE/ MALE/ MYOBLASTOMA, complications/ *MYOBLASTOMA, pathology/ MYOBLASTOMA, radiography/ PITUITARY NEOPLASMS, complications/ *PITUITARY NEOPLASMS, pathology/ PITUITARY NEOPLASMS, radiography/ PNEUMOENCEPHALOGRAPHY/ URINARY INCONTINENCE, etiology/ VISION DISORDERS, complications

3659. Sekitani T, Ito T: [Cases of tumor of the neck region. 2 cases of thyroid gland tumors misdiagnosed as hypertrophies of the subglottic space and trachea]
Otolaryngology (Tokyo) 41:537-41, Jul 69 (Jap)
AGED/ DIAGNOSIS, DIFFERENTIAL/ DYSPNEA, complications/ ENGLISH ABSTRACT/ FEMALE/ *GLOTTIS/ HOARSENESS, complications/ HUMAN/ *LARYNGEAL NEOPLASMS, diagnosis/ MIDDLE AGE/ *THYROID NEOPLASMS, diagnosis/ *TRACHEAL NEOPLASMS, diagnosis

3660. Sekiya M: [Analytical studies on the relationship between thyroid function tests by means of the "theory of quantification," with proposal of the formulae for estimation of protein-bound iodine and basal metabolic rate]
Folia Endocr Jap 45:45-64, 20 Apr 69 (Jap)
ADOLESCENCE/ ADULT/ AGED/ *BASAL METABOLISM/ BLOOD PRESSURE/ CHILD/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ EXOPHTHALMOS, diagnosis/ FEMALE/ HUMAN/ HYPERTHYROIDISM, diagnosis/ HYPOTHYROIDISM, diagnosis/ MATHEMATICS/ MIDDLE AGE/ *PROTEIN-BOUND IODINE TEST/ PULSE

3661. Sekiyama S, Iwai Y, Amitani J: Electron microscopic study on adrenal medullary cells of rats following whole body x-irradiation.
J Radiat Res (Tokyo) 10:8-16, Mar 69
ADRENAL MEDULLA, pathology/ *ADRENAL MEDULLA, radiation effects/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ CATECHOLAMINES, metabolism/ ENDOPLASMIC RETICULUM, radiation effects/ MALE/ MICROSCOPY, ELECTRON/ MITOCHONDRIA, radiation effects/ *RADIATION EFFECTS/ RATS/ RIBOSOMES, radiation effects

3662. Selezneva ND: Opyt primeneniia ul'trazvuka dlia diagnostiki opukholeĭ matki i pridatkov.
Akush Ginek (Moskva) 43:49-52, Apr 67 (Rus)
*ADNEXAL DISEASES, diagnosis/ CARCINOMA, diagnosis/ CARCINOMA, PAPILLARY, diagnosis/ CYSTADENOMA, diagnosis/ CYSTS, diagnosis/ FEMALE/ HUMAN/ *LEIOMYOMA, diagnosis/ OVARIAN NEOPLASMS, diagnosis/ *ULTRASONICS, diagnostic use/ *UTERINE DISEASES, diagnosis/ *UTERINE NEOPLASMS, diagnosis

3663. Selivanova LN: K toksikologicheskoĭ otsenke perkhlorata ammoniia kak antitireoidnogo preparata.
Farmakol Toksik 32:331-3, May-Jun 69 (Rus)
AMMONIUM COMPOUNDS, metabolism/ *AMMONIUM COMPOUNDS, toxicity/ ANIMAL EXPERIMENTS/ CHINCHILLAS/ COMPARATIVE STUDY/ DEPRESSION, CHEMICAL/ DOGS/ ENGLISH ABSTRACT/ HEMATOPOIESIS, drug effects/ IODINE ISOTOPES/ MICE/ PERCHLORIC ACIDS, metabolism/ *PERCHLORIC ACIDS, toxicity/ POTASSIUM, pharmacodynamics/ RABBITS/ RATS/ SODIUM, pharmacodynamics/ STIMULATION, CHEMICAL/ THYROID ANTAGONISTS, metabolism/ *THYROID ANTAGONISTS, toxicity/ *THYROID GLAND, drug effects/ THYROID GLAND FUNCTION TESTS

3664. Sellinger OZ, Nordrum LM: A regional study of some osmotic, ionic and age factors affecting the stability of cerebral lysosomes. J Neurochem 16:1219-29, Aug 69
AGE FACTORS/ ANIMAL EXPERIMENTS/ BRAIN, cytology/ *BRAIN, enzymology/ BRAIN, growth & development/ CENTRIFUGATION, DENSITY GRADIENT/ CEREBRAL CORTEX, enzymology/ FEMALE/ GLYCOSIDE HYDROLASES, analysis/ HISTOCYTOCHEMISTRY/ HYPOTHALAMUS, enzymology/ HYPOTONIC SOLUTIONS/ *IONS, pharmacodynamics/ *LYSOSOMES, enzymology/ MAGNESIUM, pharmacodynamics/ MALE/ NERVE TISSUE PROTEINS, analysis/ OSMOLAR CONCENTRATION/ *OSMOSIS/ RATS/ SUCROSE, pharmacodynamics/ SULFATASES, analysis/ THALAMUS, enzymology

3665. Selye H, Mécs I, Savoie L: Inhibition of anesthetics and sedative actions by spironolactone.
Anesthesiology 31:261-4, Sep 69
ALCOHOL, ETHYL, antagonists & inhibitors/ *ANESTHETICS, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ BROMIDES, antagonists & inhibitors/ CHLORAL HYDRATE, antagonists & inhibitors/ CHLORIDES, antagonists & inhibitors/ CHLORPROMAZINE, antagonists & inhibitors/ DEHYDROEPIANDROSTERONE, antagonists & inhibitors/ DESOXYCORTICOSTERONE, antagonists & inhibitors/ DIAZEPAM, antagonists & inhibitors/ DIETHYLSTILBESTROL, antagonists & inhibitors/ FEMALE/ HYDROXYDIONE, antagonists & inhibitors/ *HYPNOTICS AND SEDATIVES, antagonists & inhibitors/ MAGNESIUM, antagonists & inhibitors/ MORPHINE, antagonists & inhibitors/ PENTOBARBITAL, antagonists & inhibitors/ PHENOXYBENZAMINE, antagonists & inhibitors/ POTASSIUM, antagonists & inhibitors/ PREGNANES, antagonists & inhibitors/ PROGESTERONE, antagonists & inhibitors/ RATS/ RESERPINE, antagonists &

inhibitors/ SODIUM, antagonists & inhibitors/ *SPIRONOLACTONE, pharmacodynamics/ TESTOSTERONE, antagonists & inhibitors

3666. Semmler H, Mittmann W: Tetraplegie infolge Hypokaliämie. Z Ges Inn Med 24:283-6, 1 May 69 (Ger)
ADULT/ DIET, SALT-FREE/ ENGLISH ABSTRACT/ HUMAN/ *HYPOKALEMIA, complications/ MALE/ PARALYSIS, FAMILIAL PERIODIC, diagnosis/ PARALYSIS, FAMILIAL PERIODIC, drug therapy/ *PARALYSIS, FAMILIAL PERIODIC, etiology/ POTASSIUM, therapeutic use/ SPIRONOLACTONE, therapeutic use/ TRIAMCINOLONE, therapeutic use

3667. Sen DK, Mohan H, Gupta DK: Acute bilateral proptosis in acute lymphatic leukaemia.
J All India Ophthal Soc 16:89-90, Jun 68
ADULT/ *EXOPHTHALMOS, etiology/ HUMAN/ *LEUKEMIA, LYMPHOBLASTIC, complications/ MALE

3668. Seng P, Hasche HH, Rebensvurg W, et al: Systematic investigations on the influence of a contraceptive on some biochemical parameters of fat and carbohydrate metabolism.
Acta Endocr (Kobenhavn) 62:181-92, Sep 69
BLOOD SUGAR, analysis/ *CARBOHYDRATES, metabolism/ CHOLESTEROL, blood/ CHROMATOGRAPHY/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ ELECTROPHORESIS/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ GLYCERIDES, blood/ HUMAN/ *LIPIDS, metabolism/ LIPOPROTEINS, blood/ *LYNESTRENOL, pharmacodynamics/ *MESTRANOL, pharmacodynamics/ PYRUVATES, blood/ TRIGLYCERIDES, blood

3669. Sensi G, Curiel P, Pieroni G: Esperienze con un progestinico ritardo.
Riv Ostet Ginec 22:772-9, 10 Oct 67 (Ita)
ADULT/ DELAYED-ACTION PREPARATIONS/ *ENDOMETRIUM, drug effects/ FEMALE/ FIBROMA, surgery/ HUMAN/ MIDDLE AGE/ PROGESTERONE, administration & dosage/ *PROGESTERONE, pharmacodynamics/ UTERINE NEOPLASMS, surgery/ UTERINE PROLAPSE, surgery/ VAGINAL SMEARS

3670. Sensi S, Capani F, Caradonna P, et al: Aspetti della risposta insulinemica al carico di glucosio-cortisone nel soggetto "prediabetico".
Folia Endocr (Roma) 21:459-84, Aug 68 (Ita)
ADOLESCENCE/ ADULT/ *CORTISONE, blood/ DIABETES MELLITUS, familial & genetic/ ENGLISH ABSTRACT/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ *GLUCOSE TOLERANCE TEST/ HUMAN/ *INSULIN, blood/ MALE/ MIDDLE AGE/ *PREDIABETIC STATE, metabolism

3671. Sepinwall J: Enhancement and impairment of avoidance behavior by chemical stimulation of the hypothalamus. J Comp Physiol Psychol 68:393-9, Jul 69
ANIMAL EXPERIMENTS/ ATROPINE, pharmacodynamics/ *AVOIDANCE LEARNING, drug effects/ CARBACHOL, pharmacodynamics/ ELECTROSHOCK/ HYPOTHALAMUS, drug effects/ *HYPOTHALAMUS, physiology/ MALE/ PENTOBARBITAL, pharmacodynamics/ RATS/ REACTION TIME/ *STIMULATION, CHEMICAL/ STRYCHNINE, pharmacodynamics

3672. Serci M, Vrcha L, Baštecká H: Therapy of vascular headaches in the light of experience gained at the consulting station for headaches.
Sborn Ved Prac Lek Fak Karlov Univ 11:741-8, 1968
DISABILITY EVALUATION/ HEADACHE, etiology/ *HEADACHE, therapy/ HUMAN/ MALEATES, therapeutic use/ *METHYSERGIDE, therapeutic use/ *SEROTONIN, antagonists & inhibitors

3673. Sergienko AI, Vol'fson DG, Pasechnik IA: Opyt preduprezhdeniia besplodiia krupnogo rogatogo skota vo L'vovskoi oblasti.
Veterinariia 44:78-80, Dec 67 (Rus)
CATTLE/ *CATTLE DISEASES, prevention & control/ ESTRUS/ FEMALE/ HORMONES, therapeutic use/ INSEMINATION, ARTIFICIAL/ PREGNANCY/ RUSSIAN FEDERATION (EUROPE)/ STERILITY, FEMALE, prevention & control/ *STERILITY, FEMALE, veterinary

3674. Sernka TJ, Borie AB: Calcium in the intestinal contents of rats on different calcium diets.
Proc Soc Exp Biol Med 131:1420-3, Sep 69
ANIMAL EXPERIMENTS/ *CALCIUM, analysis/ CALCIUM, metabolism/ *CALCIUM, DIETARY/ DUODENUM/ HYDROGEN-ION CONCENTRATION/ ILEUM/ INTESTINAL ABSORPTION/ *INTESTINE, SMALL, metabolism/ JEJUNUM/ MALE/ PHOSPHORUS, analysis/ PROTEIN BINDING/ RATS

3675. Seroshevskii Iu, Liaudanskaia E, Komorovskaia A, et al: Vliianie gestagenov na uroven' vydeliaemykh s mochoi steroidnykh gormonov.
Akush Ginek (Moskva) 45:36-9, May 69 (Rus)
*CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ *17-KETOSTEROIDS, urine/ *PREGNANEDIOL, urine/ *STEROIDS, urine

3676. Seta K, Kawamura T: [Parathyroidectomy]
Shujutsu 23:552-8, May 69 (Jap)
HUMAN/ HYPERPARATHYROIDISM, surgery/ METHODS/ *PARATHYROID GLANDS, surgery

3677. Sethi AS, Singh M: Intra-uterine growth and development. Indian J Pediat 36:82-90, Mar 69 (65 ref.)
BIRTH WEIGHT/ BODY WEIGHT/ FEMALE/ FETAL DISEASES/ *FETUS, growth & development/ GESTATIONAL AGE/ HUMAN/ MATERNAL AGE/ NUTRITION/ PARITY/ PLACENTA, physiology/ PREGNANCY/ PREGNANCY COMPLICATIONS/ PRENATAL CARE/ REVIEW

3678. Sevastik J, Lemperg R: Lokala bendestruktioner efter intraartikulär injektion av kortikosteroider.
Nord Med 81:949-51, 31 Jul 69 (Swe)
ADOLESCENCE/ ADULT/ AGED/ *BONE RESORPTION, chemically induced/ *CORTISONE, adverse effects/ *ELBOW, radiography/ FEMALE/ HUMAN/ INJECTIONS, INTRA-ARTICULAR/ *KNEE, radiography/ MALE/ MIDDLE AGE/ *WRIST, radiography

3679. Seyahi V: Tiroid hastaliklarinda tibbî tedavinin esaslari. Turk Tip Cem Mec 35:227-35, Apr 69 (Tur)
EXOPHTHALMOS, therapy/ HUMAN/ HYPERTHYROIDISM, therapy/ HYPOTHYROIDISM, drug therapy/ THYROID ANTAGONISTS, therapeutic use/ *THYROID DISEASES, therapy/ THYROID HORMONES, therapeutic use/ THYROIDITIS, drug therapy

3680. Seyss R: Biostatik bei pathologisch verändertem Wirbelkörper. Med Klin 64:1428-31, 8 Aug 69 (Ger)
*BIOMECHANICS/ BONE NEOPLASMS/ HUMAN/ NEOPLASM METASTASIS/ OSTEITIS DEFORMANS/ OSTEOPOROSIS/ SCHEUERMANN'S DISEASE/ *SPINAL DISEASES, physiopathology/ SPINE, pathology/ *SPINE, physiopathology/ SPINE, radiography/ SPONDYLITIS

3681. Shah DH, Patel MC, Sulakhe PV: Effect of actinomycin D on the uptake of radioiodine by thyroidal and extrathyroidal tissues. I.
Biochem Pharmacol 18:1487-93, Jun 69
ANIMAL EXPERIMENTS/ BARIUM/ CARBON ISOTOPES/ CHROMIUM ISOTOPES/ *DACTINOMYCIN, pharmacodynamics/ GASTROINTESTINAL MOTILITY, drug effects/ INTESTINES, metabolism/ *IODINE, metabolism/ IODINE ISOTOPES/ KIDNEY, drug effects/ LIVER, metabolism/ MALE/ MICE/ STOMACH, drug effects/ STOMACH, metabolism/ THYROID GLAND, drug effects/ *THYROID GLAND, metabolism

3682. Shah PN: Further observations on the clinical effectivity of new low-dosage oral pills for

contraception in Indian women: a four-year study.
Indian J Med Res 57:642-9, Apr 69
*CONTRACEPTIVES, ORAL, administration & dosage/ CONTRACEPTIVES, ORAL, adverse effects/ CONTRACEPTIVES, ORAL, pharmacodynamics/ *ETHYNODIOL DIACETATE, administration & dosage/ ETHYNODIOL DIACETATE, pharmacodynamics/ FEMALE/ HUMAN/ INDIA/ MENSTRUATION, drug effects/ PREGNANCY

3683. **Shaliapina VG:** Opredelenie adrenalina i noradrenalina v tkani nadpochechnikov. Lab Delo 4:249, 1969 **(Rus)**
*ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ *EPINEPHRINE, analysis/ METHODS/ *NOREPINEPHRINE, analysis/ RATS

3684. **Shamis AA:** K voprosu ob arenoblastome laichnika. Akush Ginek (Moskva) 43:58-9, Apr 67 **(Rus)**
ADULT/ *ARRHENOBLASTOMA/ CASE REPORT/ FEMALE/ HUMAN/ MIDDLE AGE/ *OVARIAN NEOPLASMS

3685. **Shane SM, Young RJ, Krook L:** Renal and parathyroid changes produced by high calcium intake in growing pullets. Avian Dis 13:558-67, Aug 69
ANIMAL EXPERIMENTS/ *CALCIUM, DIETARY/ *CHICKENS/ KIDNEY FAILURE, ACUTE, chemically induced/ *KIDNEY FAILURE, ACUTE, veterinary/ PARATHYROID DISEASES, chemically induced/ *PARATHYROID DISEASES, veterinary/ *POULTRY DISEASES, chemically induced

3686. **Shapiro AP, Perez-Stable E, Scheib ET, et al:** Renal artery stenosis and hypertension. Observations on current status of therapy from a study of 115 patients.
Amer J Med 47:175-93, Aug 69
ADULT/ AGE FACTORS/ ANGIOTENSIN, diagnostic use/ AORTOGRAPHY/ ARTERIOSCLEROSIS, complications/ BIOPSY/ BLOOD PRESSURE/ DIABETES MELLITUS, complications/ FEMALE/ HUMAN/ HYPERTENSION, RENAL, diagnosis/ HYPERTENSION, RENAL, mortality/ *HYPERTENSION, RENAL, surgery/ KIDNEY FUNCTION TESTS/ MALE/ MIDDLE AGE/ NEPHRECTOMY/ *RENAL ARTERY OBSTRUCTION, complications/ RENAL ARTERY OBSTRUCTION, surgery/ RENIN, blood/ UROGRAPHY

3687. **Shapiro LR:** Repeated abortions in XO-XX mosaicism.
Lancet 2:806, 11 Oct 69
*ABORTION, HABITUAL, familial & genetic/ FEMALE/ HUMAN/ *MOSAICISM/ PREGNANCY/ *SEX CHROMOSOMES

3688. **Sharpe LG, Myers RD:** Feeding and drinking following stimulation of the diencephalon of the monkey with amines and other substances.
Exp Brain Res 8:295-310, 1969
ACETYLCHOLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ATROPINE, pharmacodynamics/ *BRAIN MAPPING/ CARBACHOL, pharmacodynamics/ DIENCEPHALON, drug effects/ *DIENCEPHALON, physiology/ DOPAMINE, pharmacodynamics/ *DRINKING BEHAVIOR/ EPINEPHRINE, pharmacodynamics/ *FEEDING BEHAVIOR/ HYPOTHALAMUS, physiology/ *MONKEYS/ NOREPINEPHRINE, pharmacodynamics/ PHYSOSTIGMINE, pharmacodynamics/ SEROTONIN, pharmacodynamics/ SPECIES SPECIFICITY/ STIMULATION, CHEMICAL

3689. **Shchepotin BM, Shevchenko-Grodzinskaia:** Narushenie élektrolitnogo obmena v miokarde pri éksperimental'nom tireotosikoze.
Vrach Delo 6:76-9, Jun 69 **(Rus)**
ANIMAL EXPERIMENTS/ *ELECTROLYTES, metabolism/ ENGLISH ABSTRACT/ *HYPERTHYROIDISM, metabolism/ *MYOCARDIUM, metabolism/ POTASSIUM, metabolism/ RABBITS/ SODIUM, metabolism

3690. **Sheid B, Bilik E:** Studies on DNA methylase activity in mammalian tissue. Experientia 25:361-2, 15 Apr 69
AMMONIUM COMPOUNDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ DEPRESSION, CHEMICAL/ *DNA/ DNA, biosynthesis/ EDTA/ *HEPATOMA, enzymology/ *LIVER, enzymology/ METHIONINE/ *METHYLATION/ NEOPLASMS, EXPERIMENTAL/ NUCLEOSIDES/ SALMONIDAE/ TESTIS/ TRANSFERASES, antagonists & inhibitors/ *TRANSFERASES, metabolism

3691. **Shein HM, Wurtman RJ:** Cyclic adenosine monophosphate: stimulation of melatonin and serotonin synthesis in cultured rat pineals.
Science 166:519-20, 24 Oct 69
*ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ FEMALE/ *MELATONIN, biosynthesis/ NOREPINEPHRINE, pharmacodynamics/ *PINEAL BODY, drug effects/ RATS/ *SEROTONIN, biosynthesis/ TISSUE CULTURE/ TRYPTOPHAN, metabolism

3692. **Shelkovnikov IA:** Ob izmenenii napriazheniia kisloroda v korkovom sloe nadpochechnikov pri deĭstvii na organizm razlichnykh razdrazhiteleĭ.
Pat Fiziol Eksp Ter 11:26-9, Mar-Apr 67 **(Rus)**
ADIPOSE TISSUE, metabolism/ *ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ BRAIN, metabolism/ *BURNS, metabolism/ *COLD/ ENGLISH ABSTRACT/ *EPINEPHRINE, pharmacodynamics/ FEMALE/ KIDNEY, metabolism/ MUSCLES, metabolism/ *OXYGEN CONSUMPTION/ *PAIN/ PARTIAL PRESSURE/ RATS

3693. **Sherlock S:** The treatment of hepatitis.
Bull NY Acad Med 45:189-209, Feb 69
ADRENAL CORTEX HORMONES, therapeutic use/ *DIET THERAPY/ *EXCHANGE TRANSFUSION/ FOLLOW-UP STUDIES/ HEPATITIS, INFECTIOUS, drug therapy/ *HEPATITIS, INFECTIOUS, therapy/ HUMAN/ PREDNISOLONE, therapeutic use

3694. **Sherratt M, Exley D, Rogers AW:** Failure to demonstrate uptake of 3H-testosterone by the hypothalamus of young rats.
Neuroendocrinology 4:374-6, 1969
AGE FACTORS/ ANIMAL EXPERIMENTS/ BRAIN, metabolism/ CEREBRAL CORTEX, metabolism/ FEMALE/ *HYPOTHALAMUS, metabolism/ INJECTIONS, SUBCUTANEOUS/ RADIOMETRY/ RATS/ *TESTOSTERONE, metabolism/ TIME FACTORS/ TRITIUM

3695. **Shibuya T:** [Neuropharmacological investigation of serotonin] J Tokyo Med Coll 27:257-67, 1969 **(Jap)**
ANIMAL EXPERIMENTS/ BEHAVIOR, ANIMAL, drug effects/ CATS/ CENTRAL NERVOUS SYSTEM, analysis/ *CENTRAL NERVOUS SYSTEM, drug effects/ ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ MALE/ MICE/ MONKEYS/ RABBITS/ RATS/ SEROTONIN, analysis/ *SEROTONIN, pharmacodynamics/ SEROTONIN, physiology/ SPINAL CORD, physiology

3696. **Shida B, Katayama Y, Kobatake H, et al:** [Activities of N-acetyl-hexosaminidase and hexosidase and histochemical study of N-acetyl-beta-glucosaminidase in the human placental chorion]
Sanfujin Jissai 18:473-9, May 69 **(Jap)**
FEMALE/ *FETAL MEMBRANES, enzymology/ *GALACTOSIDASE, metabolism/ *GLYCOSIDE HYDROLASES, metabolism/ HISTOCYTOCHEMISTRY/ HUMAN/ *PLACENTA, enzymology/ PREGNANCY

3697. **Shikita M, Ogiso T, Tamaoki BI:** Identification of 17alpha, 20alpha-dihydroxypregn-4-en-3-one produced from 17alpha-hydroxyprogesterone by a soluble enzyme of porcine testes.
Endocr Jap 16:11-6, Feb 69
ACETATES/ ALCOHOL, METHYL/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/

CENTRIFUGATION/ CHROMATOGRAPHY, THIN LAYER/ CRYSTALLIZATION/ *HYDROXYPROGESTERONE/ *OXIDOREDUCTASES/ *PROGESTATIONAL HORMONES, analysis/ RADIOAUTOGRAPHY/ RADIOCHEMISTRY/ SPECTRUM ANALYSIS/ SULFURIC ACIDS/ *SWINE/ *TESTIS, enzymology/ TIME FACTORS/ ULTRAVIOLET RAYS

3698. **Shikita M, Sato F:** 2-Alphahydroxysteroid dehydrogenase and reductive metabolism of progesterone in mammalian cell cultures.
Arch Biochem 133:336-44, Sep 69
CARBON ISOTOPES/ CELL LINE/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ CONNECTIVE TISSUE, enzymology/ ENZYME INDUCTION/ FIBROBLASTS, enzymology/ *HEPATOMA, enzymology/ *HYDROXYSTEROID DEHYDROGENASE/ HYDROXYSTEROID DEHYDROGENASE, antagonists & inhibitors/ HYDROXYSTEROID DEHYDROGENASE, biosynthesis/ KIDNEY, enzymology/ *LIVER NEOPLASMS, enzymology/ MICE/ MONKEYS/ NADP, metabolism/ PREGNANEDIOL, biosynthesis/ PREGNANEDIOL, isolation & purification/ PREGNANES, biosynthesis/ PREGNANES, isolation & purification/ *PROGESTERONE, metabolism/ PROGESTERONE, pharmacodynamics/ RATS/ STIMULATION, CHEMICAL

3699. **Shimada K, Sugino Y:** Cyclic phosphodiesterase having 3'-nucleotidase activity from Bacillus subtilis. Purification and some properties of the enzyme.
Biochim Biophys Acta 185:367-80, 1969
ACID PHOSPHATASE, analysis/ ADENOSINE CYCLIC 3',5'-PHOSPHATE/ ALKALINE PHOSPHATASE, analysis/ *BACILLUS SUBTILIS, enzymology/ CHEMISTRY/ CHROMATOGRAPHY/ CHROMATOGRAPHY, ION EXCHANGE/ CULTURE MEDIA/ DEAE-CELLULOSE/ DEXTRAN/ DINITROPHENOLS/ ELECTROPHORESIS, DISK/ GEL FILTRATION/ HEAT/ HYDROXYAPATITE/ METHODS/ MOLECULAR WEIGHT/ *NUCLEOTIDASES/ NUCLEOTIDASES, isolation & purification/ NUCLEOTIDES/ *PHOSPHATASES/ PHOSPHATASES, analysis/ PHOSPHATASES, isolation & purification/ PHOSPHORUS ISOTOPES/ PRECIPITATION/ ULTRACENTRIFUGATION

3700. **Shimada T:** [Study on iron absorption of the intestines. 1] Nippon Ika Daig Z 36:170-5, 1969 **(Jap)**
ANIMAL EXPERIMENTS/ ARABINOSE, metabolism/ CALCIUM, metabolism/ FERRITIN, metabolism/ GUINEA PIGS/ IN VITRO/ *INTESTINAL ABSORPTION/ *IRON, metabolism/ MALE/ RABBITS

3701. **Shimamoto T:** Experimental study on atherosclerosis--an attempt at its prevention and treatment.
Acta Path Jap 19:15-43, Feb 69
ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ AORTA, pathology/ ARTERIES, enzymology/ ARTERIES, pathology/ ARTERIOSCLEROSIS, drug therapy/ ARTERIOSCLEROSIS, enzymology/ ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, pathology/ *ARTERIOSCLEROSIS, prevention & control/ CAPILLARIES, pathology/ CARBAMATES, therapeutic use/ CELL MEMBRANE PERMEABILITY/ CELL WALL/ CHICKENS/ CHOLESTEROL/ CYPROHEPTADINE, therapeutic use/ DIETHYLSTILBESTROL, therapeutic use/ DOGS/ EDEMA, chemically induced/ EDEMA, pathology/ ENDOTOXINS/ EPINEPHRINE/ ESTROGENS, therapeutic use/ FEMALE/ GLUCOCORTICOIDS, therapeutic use/ HISTOCYTOCHEMISTRY/ HUMAN/ LACTATE DEHYDROGENASE, metabolism/ MALE/ MICROSCOPY, ELECTRON/ MONKEYS/ NIALAMIDE, therapeutic use/ PHOSPHATASES, metabolism/ PIGEONS/ PREDNISOLONE, therapeutic use/ RABBITS/ RATS/ SPECIES SPECIFICITY/ SUCCINATE DEHYDROGENASE, metabolism/ VASA VASORUM, pathology

3702. **Shimazaki J, Furuya N, Yamanaka H, et al:** Effects of estrogen administration on testosterone-induced growth and increase in enzyme activities in the ventral prostate of castrated rats.
Endocr Jap 16:163-9, Feb 69
ACID PHOSPHATASE, metabolism/ ALKALINE PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ CASTRATION/ CITRATES/ DNA/ DNA NUCLEOTIDYL-TRANSFERASE, metabolism/ *DRUG SYNERGISM/ *ESTRADIOL, pharmacodynamics/ ISOCITRATE DEHYDROGENASE, metabolism/ LACTATE DEHYDROGENASE, metabolism/ MALATE DEHYDROGENASE, metabolism/ MALE/ NUCLEIC ACIDS, biosynthesis/ ORGAN WEIGHT/ *PROSTATE, drug effects/ *PROSTATE, enzymology/ RATS/ STIMULATION, CHEMICAL/ TESTOSTERONE, pharmacodynamics/ THYMIDINE/ TIME FACTORS

3703. **Shimizu H, LaBrosse EH:** Metabolism of catecholamines--identification and quantification of 3-methoxy-4-hydroxyphenylglycol glucuronide in human urine.
Biochem Pharmacol 18:1643-54, Jul 69
ADOLESCENCE/ ADULT/ CARBON ISOTOPES/ CATECHOLAMINES, metabolism/ CHILD/ CHILD, PRESCHOOL/ CHROMATOGRAPHY/ CREATININE/ FEMALE/ GANGLIONEUROMA, urine/ GLUCURONATES, isolation & purification/ GLUCURONATES, metabolism/ *GLUCURONATES, urine/ GLYCOLS, metabolism/ *GLYCOLS, urine/ HUMAN/ INFANT/ MALE/ MIDDLE AGE/ NEUROBLASTOMA, urine/ NOREPINEPHRINE, metabolism/ PHEOCHROMOCYTOMA, urine/ STEREOISOMERS/ TRITIUM/ URINE, analysis/ URINE, enzymology

3704. **Shimizu N:** [Histochemistry of monoamine metabolism]
Advances Neurol Sci (Tokyo) 12:851-8, Dec 68 (36 ref.) **(Jap)**
*AMINES, metabolism/ ANIMAL EXPERIMENTS/ *BRAIN, metabolism/ CARBON ISOTOPES/ *CATECHOLAMINES, metabolism/ DOPAMINE, metabolism/ EPINEPHRINE, metabolism/ HISTOCYTOCHEMISTRY/ MICE/ MICROSCOPY, ELECTRON/ MICROSCOPY, FLUORESCENCE/ MONOAMINE OXIDASE, metabolism/ NOREPINEPHRINE, metabolism/ RABBITS/ REVIEW/ *SEROTONIN, metabolism/ TRITIUM

3705. **Shimizu Y, Furuuchi S, Hayashi S, et al:** Porcine kidney cell line persistently contaminated with avirulent swine fever virus.
J Gen Virol 4:625-8, Jun 69
CELL LINE/ CYTOPATHOGENIC EFFECT, VIRAL/ HOG CHOLERA, microbiology/ KIDNEY/ NEUTRALIZATION TESTS/ NEWCASTLE DISEASE VIRUS/ *RNA VIRUSES/ RNA VIRUSES, pathogenicity/ SWINE/ TESTIS/ *TISSUE CULTURE/ VIRULENCE/ *VIRUS CULTIVATION

3706. **Shimmins JG, Harden RM, Alexander WD:** Loss of pertechnetate from the human thyroid.
J Nucl Med 10:637-40, Oct 69
HUMAN/ HYPERTHYROIDISM, diagnosis/ *RADIOISOTOPE SCANNING/ *TECHNETIUM, metabolism/ *THYROID DISEASES, diagnosis/ *THYROID GLAND, metabolism

3707. **Shinebourne EA, Hess ML, White RJ, et al:** The effect of noradrenaline on the calcium uptake of the sarcoplasmic reticulum.
Cardiovasc Res 3:113-7, Apr 69
ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ DOGS/ *ENDOPLASMIC RETICULUM, drug effects/ ENDOPLASMIC RETICULUM, metabolism/ FEMALE/ HEART, drug effects/ IN VITRO/ MALE/ MUSCLE CONTRACTION,

drug effects/ *MYOCARDIUM, metabolism/ NOREPINEPHRINE, pharmacodynamics

3708. **Shio H:** On the active principles in Toh's alkaline tissue extracts which cause release of serotonin from blood platelets.
Naunyn Schmiedeberg Arch Pharm 264:147-64, 1969
ALCOHOL, ETHYL/ ALCOHOL, METHYL/ ANIMAL EXPERIMENTS/ BLOOD PLATELETS, drug effects/ *BLOOD PLATELETS, metabolism/ BRAIN/ CHLOROFORM/ CHROMATOGRAPHY, THIN LAYER/ ETHERS/ GEL FILTRATION/ *KIDNEY/ LINOLEIC ACID, pharmacodynamics/ LIVER/ MUSCLES/ OLEIC ACID, pharmacodynamics/ RABBITS/ *SEROTONIN, blood/ *SEROTONIN, metabolism/ SODIUM HYDROXIDE/ STIMULATION, CHEMICAL/ STOMACH/ SWINE/ *TISSUE EXTRACTS, pharmacodynamics

3709. **Shioda R, Wood PD, Kinsell LW:** Determination of individual conjugated bile acids in human bile.
J Lipid Res 10:546-54, Sep 69
*BILE, analysis/ *BILE ACIDS AND SALTS, analysis/ BILE ACIDS AND SALTS, biosynthesis/ CARBON ISOTOPES/ *CHOLESTEROL, analysis/ CHOLESTEROL, metabolism/ CHROMATOGRAPHY, THIN LAYER/ DIGITALIS GLYCOSIDES/ DUODENUM/ GELS/ GLYCINE/ HUMAN/ HYDROGEN-ION CONCENTRATION/ LECITHINS, analysis/ METHODS/ METHYLATION/ *PHOSPHOLIPIDS, analysis/ SILICA/ SPECTROPHOTOMETRY/ STEROIDS, analysis/ TIME FACTORS/ ULTRAVIOLET RAYS

3710. **Shiono H:** Dermatoglyphics of XXYY Klinefelter's syndrome. Tohoku J Exp Med 98:1-6, May 69
ADOLESCENCE/ *DERMATOGLYPHICS/ HUMAN/ KARYOTYPING/ *KLINEFELTER'S SYNDROME/ MALE/ SEX CHROMATIN

3711. **Shiotani Y, Sakagami M, Fujimoto K, et al:** [Effect of the hypothalamus on ultrastructure of the anterior pituitary cells, with special reference to various findings on somatotrophs and gonadotrophs]
Saishin Igaku 24:956-62, May 69 (Jap)
ANIMAL EXPERIMENTS/ CASTRATION/ ELECTRIC STIMULATION/ *GONADOTROPINS, PITUITARY, secretion/ *HYPOTHALAMUS, physiology/ INSULIN, pharmacodynamics/ MALE/ MICROSCOPY, ELECTRON/ *PITUITARY GLAND, cytology/ RABBITS/ *SOMATOTROPIN, secretion

3712. **Shirley IM, Cooke BA:** Metabolism of dehydroepiandrosterone by the separated zones of the human foetal and newborn adrenal cortex.
J Endocr 44:411-9, Jul 69
ADRENAL GLANDS, anatomy & histology/ *ADRENAL GLANDS, metabolism/ DEHYDROEPIANDROSTERONE, biosynthesis/ *DEHYDROEPIANDROSTERONE, metabolism/ FEMALE/ *FETUS, metabolism/ HISTOCYTOCHEMISTRY/ HUMAN/ HYDROCEPHALUS, metabolism/ *INFANT, NEWBORN/ 17-KETOSTEROIDS, biosynthesis/ METHODS/ PERFUSION/ PREGNANCY/ TRITIUM

3713. **Shizume K:** [Early diagnosis and treatment of hyperthyroidism and hypothyroidism]
Naika 23:1209-13, Jun 69 (Jap)
HUMAN/ *HYPERTHYROIDISM, diagnosis/ *HYPERTHYROIDISM, drug therapy/ *HYPOTHYROIDISM, diagnosis/ *HYPOTHYROIDISM, drug therapy/ THYROXINE, therapeutic use/ TRIIODOTHYRONINE, therapeutic use

3714. **Shizume K:** [Determination of hormones by radiostereoassay] Naika 24:80-4, Jul 69 (Jap)
*HORMONES, analysis/ HORMONES, blood/ IODINE ISOTOPES/ METHODS/ PROTEIN BINDING/ *RADIOIMMUNOASSAY

3715. **Shlain BI:** Vnutrigrudnoĭ zob zadnego sredostenila.
Grudn Khir 9:118, Nov-Dec 67 (Rus)
CASE REPORT/ FEMALE/ *GOITER, EXOPHTHALMIC/ HUMAN/ *MEDIASTINAL DISEASES/ MIDDLE AGE/ *THYROID GLAND, abnormalities

3716. **Shopsin B, Blum M, Gershon S:** Lithium-induced thyroid disturbance: case report and review.
Compr Psychiat 10:215-23, May 69
ADULT/ FEMALE/ *GOITER, chemically induced/ HUMAN/ *HYPOTHYROIDISM, chemically induced/ *LITHIUM, adverse effects/ *PSYCHOSES, MANIC-DEPRESSIVE, drug therapy/ THYROIDITIS, LYMPHOMATOUS, complications

3717. **Short PM, Lincoln SV, Rhodes CT:** Analysis of pharmaceutical particle size data obtained with the Coulter Counter. Pharmazie 24:319-22, Jun 69
*ACETATES, standards/ COMPUTERS, DIGITAL/ *HYDROCORTISONE, standards/ METHODS/ TIME FACTORS

3718. **Shortland JR, Darke CS, Crane WA:** Electron microscopy of desquamative interstitial pneumonia.
Thorax 24:192-208, Mar 69
ADULT/ AEROSOLS/ FEMALE/ HUMAN/ LUNG, physiopathology/ MALE/ MICROSCOPY, ELECTRON/ PREDNISOLONE, therapeutic use/ PULMONARY ALVEOLI, pathology/ PULMONARY FIBROSIS, diagnosis/ PULMONARY FIBROSIS, drug therapy/ PULMONARY FIBROSIS, etiology/ *PULMONARY FIBROSIS, pathology/ PULMONARY FIBROSIS, physiopathology/ PULMONARY FIBROSIS, radiography

3719. **Shpakov AE:** K metodike razdel'nogo opredeleniia obshcheĭ, redutsirovannoĭ i degidroaskorbinovoĭ kislot. Lab Delo 5:305-6, 1967 (Rus)
ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ *ASCORBIC ACID, analysis/ KIDNEY, analysis/ LIVER, analysis/ METHODS/ RATS/ SPLEEN, analysis/ THYROID GLAND, analysis

3720. **Shperling ID:** Eksperimental'naia spermatozoidnaia anulema pridatka iaichka.
Eksp Khir Anest 12:61-2, Mar-Apr 67 (Rus)
ANIMAL EXPERIMENTS/ *EPIDIDYMIS/ *GRANULOMA, etiology/ GUINEA PIGS/ MALE/ *TESTICULAR DISEASES

3721. **Shtacher G:** Selective renal involvement in the early development of hypercalcemia and hypophosphatemia in VX-2 carcinoma-bearing rabbits: studies on serum and tissues alkaline phosphatase and renal handling of phosphorus.
Cancer Res 29:1512-8, Aug 69
ACID PHOSPHATASE, blood/ *ALKALINE PHOSPHATASE, analysis/ ALKALINE PHOSPHATASE, blood/ ANIMAL EXPERIMENTS/ BLOOD PROTEINS, analysis/ BONE AND BONES, analysis/ CALCIUM, blood/ CARCINOMA, chemically induced/ *CARCINOMA, metabolism/ CREATININE, blood/ CREATININE, urine/ GLOMERULAR FILTRATION RATE/ HYPERCALCEMIA/ HYPERPARATHYROIDISM, chemically induced/ *HYPERPARATHYROIDISM, metabolism/ HYPOPHOSPHATASIA/ INTESTINES, analysis/ KIDNEY, analysis/ *KIDNEY TUBULES, metabolism/ LIVER, analysis/ MAGNESIUM, blood/ MALE/ PHOSPHORUS, blood/ *PHOSPHORUS, urine/ RABBITS/ THIGH

3722. **Shtenberg AI, Rybakova MN:** Effect of carbaryl on the neuroendocrine system of rats.
Food Cosmet Toxic 6:461-7, Dec 68
ACETYLCHOLINESTERASE, blood/ ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ *CARBAMATES, pharmacodynamics/ CHOLINESTERASE INHIBITORS, pharmacodynamics/ CORPUS LUTEUM, drug effects/ *ENDOCRINE GLANDS, drug effects/ ESTRUS, drug effects/ FEMALE/ GONADS, drug effects/ MALE/ OVARY, drug effects/

PESTICIDES, administration & dosage/ *PESTICIDES, pharmacodynamics/ PITUITARY GLAND, drug effects/ PITUITARY GLAND, pathology/ RATS/ SPERMATOZOA, drug effects/ TESTIS, pathology/ THYROID GLAND, drug effects/ THYROID GLAND, pathology

3723. **Shub NI**: K klinike sarkoidoza.
Vrach Delo 12:32-4, Dec 67 (Rus)
ADULT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PREDNISOLONE, therapeutic use/ *SARCOIDOSIS/ SARCOIDOSIS, diagnosis/ SARCOIDOSIS, drug therapy

3724. **Shub NI**: O periodicheskoĭ bolezni.
Vrach Delo 5:87-90, May 67 (Rus)
ADULT/ ANTIHISTAMINICS, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *PERIODIC DISEASE, diagnosis/ PERIODIC DISEASE, drug therapy/ SPIRONOLACTONE, therapeutic use

3725. **Shukhgalter IA**: Kkirurgicheskoe lechenie retsidivnogo zoba.
Vestn Khir Grekov 99:50-5, Sep 67 (Rus)
ADOLESCENCE/ ADULT/ FEMALE/ GOITER, etiology/ *GOITER, surgery/ GOITER, EXOPHTHALMIC, surgery/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS

3726. **Shul'man VA**: Fazovyĭ analiz serdechnoĭ deiatel'nosti u bol'nykh gipotireozom.
Probl Endokr (Moskva) 15:52-5, Mar-Apr 69 (Rus)
ADULT/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ *HEART, physiopathology/ HUMAN/ *HYPOTHYROIDISM, physiopathology/ MIDDLE AGE/ PHONOCARDIOGRAPHY

3727. **Shvets LV**: Al'dosteron, élektrolity i legochno-serdechnaia nedostatochnost'.
Vrach Delo 6:149-50, Jun 69 (Rus)
ADULT/ *ALDOSTERONE, metabolism/ *ELECTROLYTES, metabolism/ ERYTHROCYTES, metabolism/ FEMALE/ *HEART FAILURE, CONGESTIVE, metabolism/ HUMAN/ *LUNG DISEASES, metabolism/ MALE/ MIDDLE AGE/ NATRIURESIS/ POTASSIUM, blood/ POTASSIUM, urine/ SODIUM, blood

3728. **Sidorov KA**: Immunopathologicheskie izmeneniia pri éutireoidom zobe.
Probl Endokr (Moskva) 14:41-4, May-Jun 68 (Rus)
ADULT/ ANTIBODIES, analysis/ AUTOANTIBODIES, analysis/ CHOLESTEROL, blood/ ENGLISH ABSTRACT/ FEMALE/ *GOITER, immunology/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ 17-KETOSTEROIDS, urine/ MALE/ MIDDLE AGE/ PROTEIN-BOUND IODINE TEST/ SERUM GLOBULIN

3729. **Sidorov KA**: Autokonduktsiia (fenolii autoimmunologicheskoĭ stimuliatsii rosta) pri novoobrazovaniiakh i nekotorykh drugikh zabolevaniiakh shchitovidnoĭ zhelezy.
Probl Endokr (Moskva) 14:94-6, May-Jun 68 (Rus)
ADULT/ AGED/ CARCINOMA, immunology/ CHRONIC DISEASE/ ENGLISH ABSTRACT/ FEMALE/ GOITER, EXOPHTHALMIC, immunology/ *GROWTH/ HUMAN/ MALE/ MIDDLE AGE/ *THYROID DISEASES, immunology/ THYROID NEOPLASMS, immunology/ THYROIDITIS, LYMPHOMATOUS, immunology

3730. **Sidorov KA**: Vliianie operatsiĭ na shitovidnoĭ zheleze na protsess autoimmunizatsii k sostavnym komponentam tireoidnoĭ.
Probl Endokr (Moskva) 13:13-7, May-Jun 67 (Rus)
AUTOANTIBODIES/ *AUTOIMMUNE DISEASES/ ENGLISH ABSTRACT/ FEMALE/ *GOITER, surgery/ HUMAN/ *HYPERTHYROIDISM, surgery/ HYPOTHYROIDISM, etiology/ MALE/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS

3731. **Sidorov KA**: Znachenie immunologicheskikh mekanizmov v potogeneze gipotireozo.
Probl Endokr (Moskva) 14:23-7, Nov-Dec 68 (Rus)
*AUTOANTIBODIES/ ENGLISH ABSTRACT/ FEMALE/ HEMAGGLUTINATION TESTS/ HUMAN/ HYPOTHYROIDISM, etiology/ *HYPOTHYROIDISM, immunology/ MALE/ PRECIPITIN TESTS

3732. **Siegmund H**: Panzytopenie nach Virushepatitis.
Med Klin 64:1073-5, 6 Jun 69 (Ger)
ANEMIA, APLASTIC, drug therapy/ *ANEMIA, APLASTIC, etiology/ ANTIBIOTICS, therapeutic use/ BLOOD TRANSFUSION/ BONE MARROW EXAMINATION/ CHLORAMPHENICOL, adverse effects/ CHLORAMPHENICOL, therapeutic use/ DIARRHEA, drug therapy/ *HEPATITIS, INFECTIOUS, complications/ HEPATITIS, INFECTIOUS, drug therapy/ HUMAN/ LEUKOCYTE COUNT/ MALE/ MIDDLE AGE/ PREDNISONE, therapeutic use

3733. **Sieh JB, Sterling C**: Charging of glycogen in salt solutions. Biochim Biophys Acta 184:281-6, 30 Jul 69
ACRYLATES/ CHEMISTRY/ ELECTROLYTES/ ELECTROPHORESIS, DISK, instrumentation/ GELS/ *GLYCOGEN/ HALOGENS/ HYDROGEN-ION CONCENTRATION/ METHODS/ MOLLUSCA/ NITRATES/ *POLYSACCHARIDES/ SODIUM/ SULFATES/ THIOCYANATES

3734. **Sierakowska H**: Rozmieszczenie specyficznych nukleaz i ich rola w metabolizmie kwasów nukleinowych.
Postepy Biochem 15:193-213, Apr 69 (107 ref.) (Pol)
ADENOSINE CYCLIC 3',5'-PHOSPHATE/ ANIMAL EXPERIMENTS/ *DNA, metabolism/ ENGLISH ABSTRACT/ HISTOCYTOCHEMISTRY/ NAPHTHALENES/ *PHOSPHATASES/ POLYNUCLEOTIDES, metabolism/ RATS/ REVIEW/ *RIBONUCLEASE/ *RNA, metabolism

3735. **Siering H, Abendroth K**: Experimentelle Untersuchungen zur Wirkung der Aristolochiasäure bei immunsuppressiver Therapie.
Z Ges Inn Med 24:155-6, 15 May 69 (Ger)
ANIMAL EXPERIMENTS/ *BONE MARROW CELLS, drug effects/ CHLOROQUINE, pharmacodynamics/ GOLD, pharmacodynamics/ *IMMUNOSUPPRESSIVE AGENTS, pharmacodynamics/ PLANT EXTRACTS, pharmacodynamics/ *PLANTS, MEDICINAL/ *PLASMA CELLS, drug effects/ PREDNISONE, pharmacodynamics/ QUINONES, pharmacodynamics/ RATS

3736. **Siersbaek-Nielsen K, Hansen JM, Hippe E**: Familial elevation of serum thyroxine-binding globulin capacity. Acta Endocr (Kobenhavn) 60:130-6, Jan 69
ADOLESCENCE/ ADULT/ DENMARK/ ECTODERMAL DYSPLASIA, complications/ FEMALE/ GENES, DOMINANT/ GENETICS, HUMAN/ HUMAN/ INFANT/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ MIDDLE AGE/ PEDIGREE/ PROTEIN-BOUND IODINE TEST/ THYROID GLAND FUNCTION TESTS/ THYROXINE, blood/ *THYROXINE-BINDING PROTEIN

3737. **Sievers P, Leverenz S, Schwartz KD**: Erfahrungen bei der Bestimmung von Schilddrüsenantikörpern.
Z Ges Inn Med 24:Suppl:101-3, 1 Apr 69 (Ger)
*AUTOANTIBODIES, analysis/ GOITER, immunology/ HEMAGGLUTINATION TESTS/ HUMAN/ HYPERTHYROIDISM, immunology/ HYPERTHYROIDISM, radiotherapy/ HYPOTHYROIDISM, immunology/ MYXEDEMA, immunology/ RADIOISOTOPES, therapeutic use/ *THYROID DISEASES, immunology/ THYROID NEOPLASMS, immunology

3738. **Sigel A**: Moderne Diagnose und Therapie der malignen germinalen Hodentumoren.
Deutsch Med J 19:730-6, 20 Oct 68 (Ger)
*CHORIOCARCINOMA, pathology/ DIAGNOSIS,

DIFFERENTIAL/ *DISGERMINOMA, pathology/ *TERATOID TUMOR, pathology/ *TESTICULAR NEOPLASMS/ TESTICULAR NEOPLASMS, diagnosis/ TESTICULAR NEOPLASMS, drug therapy/ TESTICULAR NEOPLASMS, pathology/ TESTICULAR NEOPLASMS, radiotherapy/ TESTICULAR NEOPLASMS, surgery

3739. **Siggins GR, Hoffer BJ, Bloom FE:** Cyclic adenosine monophosphate: possible mediator for norepinephrine effects on cerebellar Purkinje cells. Science 165:1018-20, 5 Sep 69
ACTION POTENTIALS, drug effects/ *ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ BRAIN CHEMISTRY/ *CEREBELLUM, drug effects/ ELECTROPHORESIS/ MICROMANIPULATION/ *NOREPINEPHRINE, pharmacodynamics/ *PURKINJE CELLS, drug effects/ RATS

3740. **Sikov MR, Mahlum DD:** Effect of age and physicochemical form on plutonium toxicity and metabolism in the rat. BNWL-714.
US AEC Battelle Northwest 5.8-5+, May 68
AGE FACTORS/ ANIMAL EXPERIMENTS/ BODY WEIGHT, radiation effects/ BONE AND BONES, radiation effects/ LIVER, radiation effects/ PLUTONIUM, metabolism/ *PLUTONIUM, toxicity/ *RADIATION INJURY, EXPERIMENTAL/ RATS

3741. **Silberman S, Krmpotic E:** Refractory anemia with leukemic transformation and chromosomal change. Acta Haemat (Basel) 41:186-92, 1969
ADENOCARCINOMA, surgery/ AGED/ ALKALINE PHOSPHATASE/ *ANEMIA, SIDEROBLASTIC, complications/ BLOOD CELL COUNT/ BLOOD TRANSFUSION/ BONE MARROW EXAMINATION/ CASE REPORT/ *CHROMOSOME ABERRATIONS/ HEMATOCRIT/ HEMOSIDEROSIS/ HUMAN/ IRON, blood/ *LEUKEMIA, MYELOBLASTIC, etiology/ LIVER, pathology/ MALE/ PROSTATECTOMY/ PROSTATIC NEOPLASMS, surgery/ TESTIS, surgery

3742. **Silva Pozo J, Moreno de Heredia E:** Trombosis cerebral tras el uso de anovulatorios orales (presentación de un caso) Rev Clin Esp 114:71-2, 15 Jul 69 (Spa)
ADULT/ *CEREBRAL EMBOLISM AND THROMBOSIS, chemically induced/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN

3743. **Silver S:** Active transport of magnesium in escherichia coli. Proc Nat Acad Sci USA 62:764-71, Mar 69
BIOLOGICAL TRANSPORT, drug effects/ *BIOLOGICAL TRANSPORT, ACTIVE/ CALCIUM, metabolism/ CYANIDES, pharmacodynamics/ DINITROPHENOLS, pharmacodynamics/ *ESCHERICHIA COLI, metabolism/ *MAGNESIUM, metabolism/ MANGANESE, metabolism/ METHODS/ POTASSIUM, metabolism/ RADIOISOTOPES/ TEMPERATURE/ TOLUENE

3744. **Silverstein A, Siltzbach LE:** Muscle involvement in sarcoidosis. Asymptomatic, myositis, and myopathy. Arch Neurol (Chicago) 21:235-41, Sep 69
ACUTE DISEASE/ ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ CHRONIC DISEASE/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *MUSCULAR DISEASES, complications/ MUSCULAR DISEASES, pathology/ MYOSITIS, complications/ MYOSITIS, pathology/ *SARCOIDOSIS, complications/ SARCOIDOSIS, drug therapy/ SARCOIDOSIS, pathology

3745. **Silvi G, Zucchelli GP:** La valutazione dell'età media della surrenale in relazione al grado di obesità. G Geront 15:1455-60, Dec 67 (Ita)
*ADOLESCENCE/ *ADRENAL GLANDS, physiopathology/ *ADULT/ *AGING/ *BODY HEIGHT/ FEMALE/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, urine/ *17-KETOSTEROIDS, urine/ MALE/ *MIDDLE AGE/ *OBESITY, physiopathology

3746. **Simeonov L:** Vliianie operativnogo vmeshatel'stva na fagotsitarnuiu aktovnost' leĭkotsitov pri nekotorykh zabolevaniiakh shchitovidnoĭ zhelezy.
Probl Endokr (Moskva) 13:30-3, May-Jun 67 (Rus)
ADOLESCENCE/ ADULT/ AGED/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ GOITER, immunology/ GOITER, surgery/ GOITER, EXOPHTHALMIC, immunology/ GOITER, EXOPHTHALMIC, surgery/ HUMAN/ *LEUKOCYTES, immunology/ MALE/ MIDDLE AGE/ *PHAGOCYTOSIS/ *THYROID DISEASES, immunology/ THYROID NEOPLASMS, immunology/ THYROID NEOPLASMS, surgery

3747. **Simeonov L, Razpopova M:** Immunologicheskiĭ patogenez posleoperatsionnogo gipotireoza.
Probl Endokr (Moskva) 14:36-9, Jul-Aug 68 (Rus)
ADULT/ ANTIBODIES/ FEMALE/ GOITER, surgery/ HUMAN/ HYPOTHYROIDISM, etiology/ *HYPOTHYROIDISM, immunology/ MALE/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS/ THYROIDITIS, LYMPHOMATOUS, surgery

3748. **Simmonds MA:** Effect of environmental temperature on the turnover of noradrenaline in hypothalamus and other areas of rat brain.
J Physiol (London) 203:199-210, Jul 69
ANIMAL EXPERIMENTS/ BODY TEMPERATURE REGULATION/ *BRAIN, metabolism/ CEREBELLUM, metabolism/ ENVIRONMENT/ HYPOTHALAMUS, analysis/ *HYPOTHALAMUS, metabolism/ MALE/ MEDULLA OBLONGATA, metabolism/ NOREPINEPHRINE, analysis/ *NOREPINEPHRINE, metabolism/ RATS/ *TEMPERATURE/ TRITIUM

3749. **Simmons JE, Lusk M:** Response of neonatal female rats to reserpine and testosterone.
Acta Endocr (Kobenhavn) 61:302-6, Jun 69
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ ESTRUS/ FEMALE/ *GENITALIA, FEMALE, drug effects/ OVARY, pathology/ RATS/ *RESERPINE, pharmacodynamics/ *TESTOSTERONE, pharmacodynamics/ VAGINA, pathology

3750. **Simon KH:** Ein vereinfachter Nachweis der Produktion von Wachstumshormon.
Med Mschr 23:85-6, Feb 69 (Ger)
ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INFANT/ MALE/ *SOMATOTROPIN

3751. **Simone M, Barusco G, Coan B:** Impiego della NLA tipo II nel trattamento chirurgico del feocromocitoma.
Acta Anaesth (Padova) 19:Suppl 4:233+, 1968 (Ita)
ADRENALECTOMY/ *ANESTHESIA/ BENPERIDOL/ ENGLISH ABSTRACT/ FEMALE/ FENTANYL/ HUMAN/ HYPERTENSION, complications/ *HYPOTENSION, prevention & control/ MALE/ MIDDLE AGE/ *NEUROLEPTOANALGESIA/ *PHEOCHROMOCYTOMA, surgery/ PREANESTHETIC MEDICATION/ *SHOCK, prevention & control

3752. **Simone M, Barusco G, Marzotti A:** Tiroide ed anestesia.
Acta Anaesth (Padova) 19:Suppl 4:145+, 1968 (124 ref.) (Ita)
*ANESTHESIA/ ANESTHETICS, pharmacodynamics/ ENDOCRINE GLANDS, physiology/ ENGLISH ABSTRACT/ HUMAN/ IODINE, metabolism/ POSTOPERATIVE CARE/ POSTOPERATIVE COMPLICATIONS/ PREANESTHETIC MEDICATION/ PREOPERATIVE CARE/ REVIEW/ THYROID DISEASES, physiopathology/ *THYROID DISEASES, surgery/ THYROID GLAND, physiology/ THYROID GLAND, physiopathology/ THYROID HORMONES, biosynthesis/ *THYROIDECTOMY

3753. **Simonović M:** Labirintopatije i njihovo lečenje.

Srpski Arh Celok Lek 96:1109-14, 1968 (Ser)
ANTIHISTAMINICS, therapeutic use/ ENGLISH ABSTRACT/ GANGLIONIC-BLOCKING AGENTS, therapeutic use/ HORMONES, therapeutic use/ HUMAN/ *LABYRINTH DISEASES, therapy/ VITAMINS, therapeutic use

3754. **Simpson JL, Christakos AC:** Hereditary factors in obstetrics and gynecology.
Obstet Gynec Survey 24:580-601, Jul 69 (162 ref.)
ADENOCARCINOMA, familial & genetic/ ADRENOGENITAL SYNDROME, familial & genetic/ ADULT/ ANENCEPHALUS, congenital/ ANENCEPHALUS, familial & genetic/ AUTOSOME ABNORMALITIES/ BREAST DISEASES, familial & genetic/ ENDOMETRIOSIS, familial & genetic/ FEMALE/ *GENES, DOMINANT/ *GENES, RECESSIVE/ HEMORRHAGIC DIATHESIS, familial & genetic/ HERMAPHRODITISM, familial & genetic/ HUMAN/ HYDROCEPHALUS, congenital/ HYMEN/ INFANT, NEWBORN/ MALE/ MICROCEPHALY, familial & genetic/ OVARIAN NEOPLASMS, complications/ PEUTZ-JEGHERS SYNDROME, complications/ REVIEW/ SEX CHROMOSOMES/ STEIN-LEVENTHAL SYNDROME, familial & genetic/ TESTICULAR FEMINIZATION, familial & genetic/ TURNER'S SYNDROME, familial & genetic/ UTERINE HEMORRHAGE, familial & genetic/ UTERINE NEOPLASMS, familial & genetic/ VAGINA, abnormalities

3755. **Simpson JL, Morillo-Cucci G:** Testicular feminization syndrome. Amer J Dis Child 118:531, Sep 69
HUMAN/ *INGUINAL HERNIA, complications/ KARYOTYPING/ SEX CHROMATIN/ *SEX DIFFERENTIATION DISORDERS, complications/ TESTICULAR FEMINIZATION

3756. **Singh DV, Turner CW:** Effect of light and darkness upon thyroid secretion rate and on the endocrine glands of female rats.
Proc Soc Exp Biol Med 131:1296-9, Sep 69
ANIMAL EXPERIMENTS/ *DARKNESS/ FEMALE/ *LIGHT/ ORGAN WEIGHT/ *OVARY, radiation effects/ *PITUITARY GLAND, radiation effects/ RADIATION EFFECTS/ RATS/ SECRETORY RATE/ THYROID GLAND, radiation effects/ *THYROID HORMONES, secretion/ *UTERUS, radiation effects

3757. **Singh K, Mathur RS:** Effect of lut-ovocyclin on some testicular enzymes of the Indian desert gerbil Meriones hurrianae Jerdon.
Endocr Jap 16:149-55, Feb 69
*ACID PHOSPHATASE, metabolism/ *ALKALINE PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ DEPRESSION, CHEMICAL/ *ESTERASES, metabolism/ ESTRADIOL, administration & dosage/ *ESTRADIOL, pharmacodynamics/ HISTOCYTOCHEMISTRY/ INJECTIONS, INTRAMUSCULAR/ LIPIDS, metabolism/ PROGESTERONE, administration & dosage/ *PROGESTERONE, pharmacodynamics/ RODENTS/ *SUCCINATE DEHYDROGENASE, metabolism/ *TESTIS, enzymology

3758. **Singh KB:** Induction of polycystic ovarian disease in rats by continuous ght. IV. Effect of a bovine pineal gland extract.
Amer J Obstet Gynec 105:274-5, 15 Sep 69
ANIMAL EXPERIMENTS/ CATTLE/ ESTRUS/ FEMALE/ LH, antagonists & inhibitors/ LH, urine/ *LIGHT/ OVARY, drug effects/ *PINEAL BODY/ RATS/ *STEIN-LEVENTHAL SYNDROME, etiology/ *TISSUE EXTRACTS, pharmacodynamics/ VAGINA, drug effects

3759. **Singh KB:** Induction of polycystic ovarian disease in rats by continuous light. VI. Some effects of autologous and homologous grafting of the polycystic ovary. Amer J Obstet Gynec 105:276-8, 15 Sep 69
ANIMAL EXPERIMENTS/ *LIGHT/ *OVARY, transplantation/ RATS/ *STEIN-LEVENTHAL SYNDROME, etiology/ STEIN-LEVENTHAL SYNDROME, physiopathology/ TRANSPLANTATION, AUTOLOGOUS/ TRANSPLANTATION, HOMOLOGOUS

3760. **Singh KB:** Induction of polycystic ovarian disease in rats by continuous light. V. Results of the deciduoma test and cervical stimulation.
Amer J Obstet Gynec 105:275-6, 15 Sep 69
ANIMAL EXPERIMENTS/ CERVIX UTERI/ FEMALE/ GONADOTROPINS, CHORIONIC, diagnostic use/ *LIGHT/ OVULATION/ PROGESTERONE, diagnostic use/ RATS/ *STEIN-LEVENTHAL SYNDROME, etiology/ STEIN-LEVENTHAL SYNDROME, physiopathology/ *UTERUS, anatomy & histology/ VAGINAL SMEARS

3761. **Singh SP, McKenzie JM:** Effects of thyrotropin on 35S-sulfate uptake by mouse Harderian gland.
Endocrinology 85:952-5, Nov 69
ANIMAL EXPERIMENTS/ EXOPHTHALMOS, etiology/ FEMALE/ HYPOPHYSECTOMY/ LACRIMAL APPARATUS, drug effects/ *LACRIMAL APPARATUS, metabolism/ LONG-ACTING THYROID STIMULATOR, pharmacodynamics/ MICE/ *MUCOPOLYSACCHARIDES, biosynthesis/ PANCREAS, metabolism/ STIMULATION, CHEMICAL/ SUBMANDIBULAR GLAND, metabolism/ *SULFATES, metabolism/ SULFUR ISOTOPES/ *THYROTROPIN, pharmacodynamics

3762. **Singh TP:** Maintenance of thyroid activity with some steroids in hypophysectomized and gonadectomized catfish, Mystus vittatus (Bloch).
Experientia 25:431, 15 Apr 69
ANIMAL EXPERIMENTS/ CASTRATION/ *CORTISONE, pharmacodynamics/ *ESTROGENS, pharmacodynamics/ *FISHES, physiology/ HYPOPHYSECTOMY/ IODINE, metabolism/ IODINE ISOTOPES/ MALE/ STIMULATION, CHEMICAL/ TESTOSTERONE, pharmacodynamics/ THYROID GLAND, drug effects/ *THYROID GLAND, physiology

3763. **Singhal RL, Valadares JR, Ling GM:** Estrogenic regulation of uterine carbohydrate metabolism during senescence. Amer J Physiol 217:793-7, Sep 69
*AGING/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ *CARBOHYDRATES, metabolism/ CASTRATION/ *ESTRADIOL, pharmacodynamics/ FEMALE/ GLUCOSEPHOSPHATE ISOMERASE, metabolism/ GLYCOGEN, metabolism/ ORGAN WEIGHT/ *OVARY, physiology/ PHOSPHOFRUCTOKINASE, metabolism/ RATS/ UTERUS, enzymology/ *UTERUS, metabolism

3764. **Siniscalco M, Klinger HP, Eagle H, et al:** Evidence for intergenic complementation in hybrid cells derived from two human diploid strains each carrying an X-linked mutation.
Proc Nat Acad Sci USA 62:793-9, Mar 69
CHROMOSOMES/ CYTOGENETICS/ DIPLOIDY/ FEMALE/ FIBROBLASTS/ *GLUCOSEPHOSPHATE DEHY- DROGENASE DEFICIENCY, familial & genetic/ HUMAN/ *HYBRIDIZATION/ MALE/ MENTAL RETARDATION, familial & genetic/ METHODS/ PENTOSEPHOSPHATES/ PHENOTYPE/ PURINES/ RADIOAUTOGRAPHY/ SEX CHROMATIN/ *SEX CHROMOSOMES/ SKIN, cytology/ THYMIDINE/ TISSUE CULTURE/ *TRANSFERASES/ TRITIUM

3765. **Sinkovic B:** The influence of Mg and Ca ions on the maintenance of avian kidney cells in tissue cultures.
Vet Rec 85:292-3, 6 Sep 69
ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ CHICK EMBRYO/ CHICKENS/ *CULTURE MEDIA/ IN VITRO/ *KIDNEY, metabolism/ *MAGNESIUM, metabolism/ TISSUE CULTURE

3766. **Sircus W:** Peptide-secreting tumours with special reference to the pancreas.

Gut 10:506-15, Jul 69 (66 ref.)
ADENOMA, metabolism/ CATECHOLAMINES, secretion/ CORTICOSTERONE, secretion/ CORTICOTROPIN, secretion/ GASTRIN, secretion/ GLUCAGON, secretion/ HUMAN/ HYDROXYTRYPTOPHAN, secretion/ INSULIN, secretion/ ISLET CELL TUMOR, metabolism/ KININS, secretion/ PANCREAS, abnormalities/ *PANCREATIC NEOPLASMS, metabolism/ *PEPTIDES, secretion/ PROSTAGLANDINS, secretion/ REVIEW/ SECRETIN, secretion/ SOMATOTROPIN, secretion/ THYROCALCITONIN, secretion/ THYROTROPIN, secretion/ VASOPRESSIN, secretion/ ZOLLINGER-ELLISON SYNDROME, metabolism

3767. Sirek OV, Niki A, Niki H, et al: Serotonin and the plasma amino acid reduction caused by a single injection of growth hormone.
Canad J Physiol Pharmacol 47:611-7, Jul 69
*AMINO ACIDS, blood/ ANIMAL EXPERIMENTS/ CATTLE/ DEPRESSION, CHEMICAL/ DOGS/ DRUG SYNERGISM/ ERGOTAMINE, pharmacodynamics/ GLUCONEOGENESIS/ HYPOPHYSECTOMY/ LIVER, metabolism/ LYSERGIC ACID DIETHYLAMIDE, pharmacodynamics/ *PANCREAS, physiology/ PANCREATECTOMY/ *PITUITARY GLAND, physiology/ PROTEINS, metabolism/ PUROMYCIN, pharmacodynamics/ *SEROTONIN, physiology/ SOMATOTROPIN, antagonists & inhibitors/ *SOMATOTROPIN, pharmacodynamics/ SYMPATHETIC NERVOUS SYSTEM, drug effects

3768. Sirett NE, Kendall JW: Hypothalamic control of ACTH release from ectopic pituitary glands.
Endocrinology 85:784-8, Oct 69
ANIMAL EXPERIMENTS/ BODY WEIGHT/ CEREBRAL CORTEX DECORTICATION/ CORTICOSTERONE, blood/ CORTICOSTERONE, secretion/ *CORTICOTROPIN, secretion/ *CORTICOTROPIN RELEASING FACTOR, physiology/ FRONTAL LOBE, surgery/ HYPOPHYSECTOMY/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ MALE/ PITUITARY GLAND, transplantation/ RATS

3769. Sitka U, Inke G: Wirkung von Thyreostatika (J2,MTU,POP) und Alloxan auf das Auftreten von Ringbinden im M. rectus oculi superior bei der weissen Ratte.
Gegenbaur Morph Jahrb 112:480-3, 1968 (Ger)
*ALLOXAN, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ANTINEOPLASTIC AGENTS, pharmacodynamics/ *HYDROXYPROPIOPHENONE, pharmacodynamics/ INJECTIONS, INTRAPERITONEAL/ *IODIDES, pharmacodynamics/ MALE/ *METHYLTHIOURACIL, pharmacodynamics/ *OCULOMOTOR MUSCLES, drug effects/ RATS

3770. Sivula A: Symptomatology of thyroid cancer in different age groups.
Bull Soc Int Chir 27:607-11, Nov-Dec 68
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ SEX FACTORS/ THYROID NEOPLASMS, diagnosis/ *THYROID NEOPLASMS, occurrence

3771. Sixma JJ, Nijessen JG, Geuze JJ: Comparison between 5HT release and platelet factor-3 release during ADP-induced aggregation.
Brit J Haemat 17:307, Sep 69
*ADENINE NUCLEOTIDES/ *BLOOD COAGULATION FACTORS, secretion/ *BLOOD PLATELETS, secretion/ CARBON ISOTOPES/ CREATININE/ HUMAN/ IN VITRO/ *PHOSPHOLIPIDS, secretion/ SECRETORY RATE/ *SEROTONIN, secretion/ TEMPERATURE

3772. Sjöholm I, Rydén G: Uptake of oxytocin in tissues after intravenous administration of tritiated oxytocin in rats.
Acta Endocr (Kobenhavn) 61:432-40, Jul 69
ANIMAL EXPERIMENTS/ INJECTIONS, INTRAVENOUS/ *KIDNEY, metabolism/ *LIVER, metabolism/ *MUSCLES, metabolism/ OXYTOCIN, administration & dosage/ *OXYTOCIN, metabolism/ RATS/ TRITIUM/ *UTERUS, metabolism

3773. Skakkebaek NE: Two types of tubules containing only Sertoli cells in adults with Klinefelter's syndrome.
Nature (London) 223:643-5, 9 Aug 69
ADOLESCENCE/ ADULT/ AGED/ BIOPSY/ HUMAN/ *KLINEFELTER'S SYNDROME, pathology/ MALE/ MIDDLE AGE/ *SERTOLI CELLS, cytology/ SPERMATOZOA/ *TESTIS, pathology

3774. Skaličková O, Dejmal V, Pavlovský P: A study of families of schizophrenics from the genetic aspect.
Acta Univ Carol [Med] (Praha) 15:343-63, 1969
ADOLESCENCE/ CAPILLARIES/ CENTRAL NERVOUS SYSTEM, physiopathology/ CZECHOSLOVAKIA/ ENDOCRINE DISEASES, familial & genetic/ FEMALE/ GENETICS, HUMAN/ HUMAN/ MALE/ NAILS/ PEDIGREE/ PERSONALITY DISORDERS/ *SCHIZOPHRENIA, familial & genetic

3775. Skamkov ME, Tikhaia NI: Osnovnoĭ obmen i morfologicheskie osobennosti shchitovidnoĭ zhelezy mysheĭ linii C3H i C57BL v norme i pri vozdeĭstvii tireoidinom i metiltiouratsilom.
Biull Eksp Biol Med 67:104-6, Feb 69 (Rus)
ANIMAL EXPERIMENTS/ *BASAL METABOLISM, drug effects/ ENGLISH ABSTRACT/ FEMALE/ METHYLTHIOURACIL, pharmacodynamics/ *MICE/ *SPECIES SPECIFICITY/ *THYROID GLAND, drug effects/ *THYROID HORMONES, pharmacodynamics

3776. Skebel'skaia IuB: Reaktsiia gipofiza (AKTG) plodov krys na izmenenie urovnia estrogenov vkovi.
Probl Endokr (Moskva) 15:45-9, Jan-Feb 69 (Rus)
ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ ASCORBIC ACID, analysis/ CASTRATION/ CORTICOTROPIN, analysis/ *CORTICOTROPIN, secretion/ ENGLISH ABSTRACT/ *ESTROGENS, blood/ PITUITARY GLAND, analysis/ *PITUITARY GLAND, embryology/ PITUITARY GLAND, secretion/ PREGNANCY/ PROGESTERONE, therapeutic use/ RATS

3777. Skinner DM: Deoxyribonucleic acid sequences complementary to ribosomal ribonucleic acid in a crustacean.
Biochemistry (Wash) 8:1467-73, Apr 69
ANIMAL EXPERIMENTS/ CENTRIFUGATION, DENSITY GRADIENT/ *CRUSTACEA/ CRUSTACEA, metabolism/ CYTOSINE/ *DNA/ DNA, biosynthesis/ *GENES, STRUCTURAL/ GENETIC CODE/ GUANINE/ HELA CELLS/ LIVER/ MOLECULAR WEIGHT/ PANCREAS/ PHOSPHATES, metabolism/ PHOSPHORUS ISOTOPES/ *RIBOSOMES/ *RNA/ TESTIS/ THYMIDINE, metabolism/ TOADS/ TRITIUM/ URIDINE

3778. Skinner SJ, Akhtar M: The stereospecific removal of a C-19 hydrogen atom in oestrogen biosynthesis.
Biochem J 114:75-81, Aug 69
ANDROGENS, chem synthesis/ *ANDROSTANES, metabolism/ *ESTROGENS, biosynthesis/ ESTRONE, biosynthesis/ FEMALE/ FORMATES, biosynthesis/ HUMAN/ IN VITRO/ MICROSOMES, metabolism/ PLACENTA, metabolism/ PREGNANCY/ TRITIUM

3779. Slavin RG, Stanczyk DJ, Lonigro AJ, et al: Allergic bronchopulmonary aspergillosis--a North American Rarity. Clinical and immunologic characteristics.
Amer J Med 47:306-13, Aug 69
ADULT/ AMPHOTERICIN B, therapeutic use/ *ASPERGILLOSIS, diagnosis/ ASPERGILLOSIS, drug therapy/ *ASPERGILLOSIS, immunology/ ASPERGILLOSIS, occurrence/ ASPERGILLUS, immunology/ BRONCHIAL DISEASES, etiology/ BRONCHIAL DISEASES, immunology/ CASE REPORT/ HUMAN/

IODINE, therapeutic use/ LUNG DISEASES, etiology/ *LUNG DISEASES, FUNGAL/ MALE/ PRECIPITIN TESTS/ PREDNISONE, therapeutic use/ *RESPIRATORY HYPERSENSITIVITY, complications/ SKIN TESTS/ SODIUM, therapeutic use/ UNITED STATES

3780. **Slavina LS, Kazeev KN:** K klinicheskoĭ otsenke élektrokardiograficheskikh priznakov koronarnoĭ nedostatochnosti pri feokhromotsitome.
Probl Endokr (Moskva) 14:27-33, May-Jun 68 (Rus)
ADOLESCENCE/ *ADRENAL GLAND NEOPLASMS, physiopathology/ ADRENAL GLANDS, radiography/ ADULT/ CATECHOLAMINES, urine/ CHILD/ *CORONARY VESSELS, physiopathology/ *ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ HISTAMINE, diagnostic use/ MIDDLE AGE/ *PHEOCHROMOCYTOMA, physiopathology/ PHEOCHROMOCYTOMA, surgery/ RETROPNEUMOPERITONEUM

3781. **Slebodziński A, Srebro Z:** The course of radiation disease in hyper-and hypothyreotic rats.
Folia Biol (Krakow) 17:145-58, 1969
ANIMAL EXPERIMENTS/ BODY WEIGHT, radiation effects/ FEMALE/ *HYPERTHYROIDISM/ HYPERTHYROIDISM, chemically induced/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, pathology/ *HYPOTHYROIDISM/ HYPOTHYROIDISM, chemically induced/ MALE/ PROPYLTHIOURACIL/ *RADIATION INJURY, EXPERIMENTAL/ RADIATION INJURY, EXPERIMENTAL, mortality/ RATS/ THYROID GLAND, pathology/ THYROID GLAND, physiopathology/ *THYROID GLAND, radiation effects/ THYROXINE/ TIME FACTORS

3782. **Sleptsov VP, Timchenko AD:** Sluchaĭ semeĭnogo germafroditizma.
Probl Endokr (Moskva) 15:56-7, Mar-Apr 69 (Rus)
ADOLESCENCE/ CASE REPORT/ FEMALE/ *HERMAPHRODITISM, familial & genetic/ HUMAN/ MALE

3783. **Slobodian LM:** Reaktsiia serdechno-sosudistoĭ sistemy deteĭ na lechebnye dozy vitamina D2.
Pediatriia 48:48-50, Mar 69 (Rus)
*CARDIOVASCULAR SYSTEM, drug effects/ CHILD/ CHILD, PRESCHOOL/ *ERGOCALCIFEROL, adverse effects/ FEMALE/ HUMAN/ INFANT/ MALE

3784. **Slonim RR, Kiem IM, Howell DS, et al:** Evaluation of drug responses in the patient severely afflicted with rheumatoid arthritis.
J Florida Med Ass 56:336-41, May 69
ADULT/ *ARTHRITIS, RHEUMATOID, drug therapy/ FEMALE/ HUMAN/ MALE/ *METHYLPREDNISOLONE, administration & dosage/ MIDDLE AGE

3785. **Sluzhinskaia ZA:** Bystryĭ i prostoĭ metod prigotovleniia postoiannykh preparatov dlia vyiavleniia polovogo khromatina. Lab Delo 9:571-2, 1968 (Rus)
BREAST NEOPLASMS/ FEMALE/ HUMAN/ METHODS/ MOUTH MUCOSA/ PUNCTURES/ *SEX CHROMATIN/ *SEX DETERMINATION/ TIME FACTORS/ VAGINAL SMEARS

3786. **Smadich VD, Girniak IaI, Kossak OI:** O zobe u kornia iazyka.
Probl Endokr (Moskva) 14:49-50, May-Jun 68 (Rus)
ADOLESCENCE/ CASE REPORT/ FEMALE/ *GOITER/ HUMAN/ *THYROID GLAND, abnormalities/ *TONGUE, abnormalities

3787. **Smelik PG:** The regulation of ACTH secretion.
Acta Physiol Pharmacol Neerl 15:123-35, Jun 69
ANIMAL EXPERIMENTS/ *CORTICOTROPIN, secretion/ DEXAMETHASONE, administration & dosage/ FEEDBACK/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ HYPOTHALAMUS, physiology/ PITUITARY HORMONE RELEASING FACTORS/ RATS/ STRESS

3788. **Smidt D:** Endogene und exogene Einflüsse auf Ovarialfunktion und embryonale Entwicklung.
Arch Gynaek 207:155-64, 1969 (Ger)
AGE FACTORS/ ANDROGENS, pharmacodynamics/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ *EMBRYO, growth & development/ ENDOMETRIUM, physiology/ ESTRADIOL, pharmacodynamics/ FEMALE/ GONADOTROPINS, pharmacodynamics/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ GONADOTROPINS, EQUINE, pharmacodynamics/ GRAAFIAN FOLLICLE, drug effects/ LACTATION/ NUTRITION/ *OVARY, drug effects/ OVULATION, drug effects/ OVUM, transplantation/ PROGESTATIONAL HORMONES, pharmacodynamics/ SWINE/ TEMPERATURE/ UTERUS, drug effects

3789. **Smith BR, Munro DS, Dorrington KJ:** The distribution of the long-acting thyroid stimulator among gamma G-immunoglobulins.
Biochim Biophys Acta 188:89-100, 12 Aug 69
AMMONIUM COMPOUNDS/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CHROMATOGRAPHY, ION EXCHANGE/ ELECTROPHORESIS/ *GAMMA GLOBULIN, 7S, analysis/ GEL FILTRATION/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IMMUNOELECTROPHORESIS/ IODINE ISOTOPES/ *LONG-ACTING THYROID STIMULATOR, analysis/ MICE/ OSMOLAR CONCENTRATION/ PRECIPITATION/ SULFATES/ THYROID GLAND, analysis

3790. **Smith C:** Fever, tachycardia and goiter.
Med Ann DC 38:442-5 passim, Aug 69
FEMALE/ HUMAN/ HYPERPLASIA/ MIDDLE AGE/ *MYOCARDITIS, pathology/ *THYROID CRISIS, pathology/ *THYROID DISEASES, pathology

3791. **Smith GP, Root AW:** Effect of feeding on hormonal responses to 2-deoxy-D-glucose in conscious monkeys.
Endocrinology 85:963-6, Nov 69
ANIMAL EXPERIMENTS/ *FEEDING BEHAVIOR/ GASTROINTESTINAL HORMONES, physiology/ *HEXOSES, pharmacodynamics/ 17-HYDROXYCORTICOSTEROIDS, blood/ HYPERGLYCEMIA/ *INSULIN, secretion/ MONKEYS/ SOMATOTROPIN, blood

3792. **Smith LD, Ecker RE:** The biochemistry of amphibian development. ANL-7535.
US AEC Argonne Nat Lab 19-25, Dec 68
ANIMAL EXPERIMENTS/ CELL NUCLEUS, metabolism/ CYTOPLASM, metabolism/ DACTINOMYCIN, pharmacodynamics/ *FROGS, embryology/ IN VITRO/ *OVUM, drug effects/ *OVUM, growth & development/ *PROGESTERONE, pharmacodynamics/ *PROTEINS, biosynthesis/ PUROMYCIN, pharmacodynamics

3793. **Smith R, Ross EJ, Marshall-Jones P:** Aldosterone and sodium excretion in obese subjects on water diet.
Metabolism 18:700-5, Aug 69
ADULT/ *ALDOSTERONE, urine/ FEMALE/ HUMAN/ *NATRIURESIS/ *OBESITY, urine/ POTASSIUM, blood/ POTASSIUM, urine/ SODIUM, blood/ SODIUM, metabolism/ SODIUM ISOTOPES/ STARVATION

3794. **Smith R, Stern G:** Muscular weakness in osteomalacia and hyperparathyroidism.
J Neurol Sci 8:511-20, May-Jun 69
ADOLESCENCE/ ADULT/ CALCIUM, blood/ FEMALE/ HUMAN/ *HYPERPARATHYROIDISM, complications/ MALE/ *MUSCULAR DISEASES, complications/ MUSCULAR DISEASES, drug therapy/ MUSCULAR DISEASES, metabolism/ *OSTEOMALACIA, complications/ PHOSPHORUS, blood/ VITAMIN D, metabolism/ VITAMIN D, therapeutic use

3795. **Smith RE, Moscovici C:** The oncogenic effects of nontransforming viruses from avian myeloblastosis virus. Cancer Res 29:1356-66, Jul 69

ANIMAL EXPERIMENTS/ AVIAN LEUKOSIS, etiology/ AVIAN LEUKOSIS VIRUS, immunology/ *AVIAN LEUKOSIS VIRUS, pathogenicity/ BIRDS/ CHICK EMBRYO/ CHICKENS/ FIBROBLASTS/ FLUORESCENT ANTIBODY TECHNIC/ IMMUNE SERUMS/ IN VITRO/ *NEOPLASMS, EXPERIMENTAL/ NEPHROBLASTOMA, etiology/ NEUTRALIZATION TESTS/ OSTEOPETROSIS, etiology/ PHENOTYPE/ RHABDOMYOSARCOMA, etiology

3796. **Smith SW, Axelrod LR:** Studies on the metabolism of steroid hormones and their precursors by the human placenta at various stages of gestation. II. In vitro metabolism of 3 beta-hydroxyandrost-5-en-17-one.
J Clin Endocr 29:1182-90, Sep 69
ANDROSTANES, isolation & purification/ BIOTRANSFORMATION/ CHROMATOGRAPHY, PAPER/ CRYSTALLIZATION/ *DEHYDROEPIANDROSTERONE, metabolism/ ESTRADIOL, isolation & purification/ ESTRONE, isolation & purification/ FEMALE/ HUMAN/ IN VITRO/ 17-KETOSTEROIDS, isolation & purification/ *PLACENTA, metabolism/ *PREGNANCY/ RADIOISOTOPE DILUTION TECHNIC/ TRITIUM

3797. **Smolenskiĭ VS, Gel'fond MB, Khodzhamirov VS, et al:** Klinicheskoe primenenie knkurentnykh antagonistov al'dosterona u bol'nykh s serdechnoĭ nedostatochnost'iu. Kardiologiia 9:13-9, Jun 69 (Rus)
ADULT/ *ALDOSTERONE, antagonists & inhibitors/ ARRHYTHMIA, drug therapy/ CAPROATES/ CARDIAC GLYCOSIDES, adverse effects/ CARDIAC GLYCOSIDES, therapeutic use/ COMPARATIVE STUDY/ DIURETICS, therapeutic use/ DRUG TOLERANCE, drug effects/ ENGLISH ABSTRACT/ ETHISTERONE, therapeutic use/ *ETHISTERONE, therapeutic use/ FEMALE/ HEART FAILURE, CONGESTIVE, blood/ HEART FAILURE, CONGESTIVE, complications/ *HEART FAILURE, CONGESTIVE, drug therapy/ HUMAN/ HYDROXYPROGESTERONE, therapeutic use/ HYPERALDOSTERONISM, complications/ HYPERALDOSTERONISM, diagnosis/ MALE/ MEDROXYPROGESTERONE, adverse effects/ *MEDROXYPROGESTERONE, therapeutic use/ MIDDLE AGE/ POTASSIUM, blood/ PROGESTERONE, adverse effects/ *PROGESTERONE, therapeutic use/ SODIUM, blood/ SPIRONOLACTONE, adverse effects/ *SPIRONOLACTONE, therapeutic use/ WATER-ELECTROLYTE BALANCE, drug effects

3798. **Smolik R, Lange A, Kasza S, et al:** Kliniczny obraz zespołu nadnerczowopłciowego z blokiem enzymatycznym 11-hydroksylazy u dwóch braci.
Pol Arch Med Wewnet 42:937-41, Jun 69 (Pol)
*ADRENOGENITAL SYNDROME, enzymology/ ADRENOGENITAL SYNDROME, familial & genetic/ ADULT/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ *HYDROXYLASES, metabolism/ 17-KETOSTEROIDS, urine/ MALE

3799. **Smollich A, Döcke F:** Nervale Einflussnahme des Hypothalamus auf die Funktion der Nebennierenrinde.
J Neurovisc Relat 31:128-35, 1969 (Ger)
ADRENAL GLANDS, anatomy & histology/ ADRENAL GLANDS, cytology/ *ADRENAL GLANDS, physiology/ ANIMAL EXPERIMENTS/ CELL NUCLEUS/ ENGLISH ABSTRACT/ *HYPOTHALAMUS, physiology/ NEURAL INTERCONNECTIONS/ RATS/ THALAMUS, anatomy & histology

3800. **Smorto M, Castro V, Biondi L:** Studio su un caso di atrofia muscolare progressiva associata a macrogenitosomia precoce.
Osped Psichiat 36:209-30, Jul-Dec 68 (Ita)
ALDOLASE, metabolism/ AMINOTRANSFERASES, metabolism/ CHILD/ CREATINE, metabolism/ ELECTROENCEPHALOGRAPHY/ ELECTROMYOGRAPHY/ HUMAN/ 17-KETOSTEROIDS, metabolism/ MALE/ *MUSCULAR ATROPHY, complications/ PENIS, abnormalities/ *PUBERTY, PRECOCIOUS, complications/ SKULL, radiography

3801. **Smythies JR, Antun F:** Binding of tryptamine and allied compounds to nucleic acids.
Nature (London) 223:1061-3, 6 Sep 69
*BINDING SITES/ DNA/ FLUORESCENCE/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ *NUCLEIC ACIDS/ RNA/ SEROTONIN/ SPECTROPHOTOMETRY/ *TRYPTAMINES

3802. **Sneddon I:** Iatrogenic dermatitis.
Brit Med J 2:49, 4 Oct 69
ADOLESCENCE/ *BETAMETHASONE, adverse effects/ *DERMATITIS MEDICAMENTOSA, etiology/ ERYTHEMA, chemically induced/ *FLUOCINOLONE ACETONIDE, adverse effects/ HUMAN/ MALE/ ROSACEA, chemically induced/ TRIAMCINOLONE, adverse effects

3803. **Snipes CA, Forest MG, Migeon CJ:** Plasma androgen concentrations in several species of Old and New World monkeys. Endocrinology 85:941-5, Nov 69
ANDROSTANES, blood/ ANIMAL EXPERIMENTS/ *DEHYDROEPIANDROSTERONE, blood/ DIALYSIS/ HUMAN/ 17-KETOSTEROIDS, blood/ MALE/ *MONKEYS/ PHYSIOLOGY, COMPARATIVE/ SEX FACTORS/ SPECIES SPECIFICITY/ *TESTOSTERONE, blood

3804. **Snipes CA, Forest MG, Migeon CJ:** Plasma androgen concentrations in several species of Old and New World monkeys. Endocrinology 85:941-5, Nov 69
ANDROSTANES, blood/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ *DEHYDROEPIANDROSTERONE, blood/ DIALYSIS/ HUMAN/ 17-KETOSTEROIDS, blood/ MALE/ *MONKEYS/ PHYSIOLOGY, COMPARATIVE/ SEX FACTORS/ SPECIES SPECIFICITY/ *TESTOSTERONE, blood/ TRITIUM

3805. **Snoeyenbos GH, Smyser CF, Van Roekel H:** Salmonella infections of the ovary and peritoneum of chickens.
Avian Dis 13:668-70, Aug 69
*CHICKENS/ OVARIAN DISEASES, microbiology/ *OVARIAN DISEASES, veterinary/ PERITONEAL DISEASES, microbiology/ PERITONEAL DISEASES, veterinary/ *POULTRY DISEASES/ SALMONELLA, isolation & purification/ *SALMONELLA INFECTIONS, ANIMAL

3806. **Snyder RD, Collipp PJ, Ferreria M:** Oral glucose tolerance tests and growth hormone assays in children with asthma. Ann Allerg 27:425-8, Sep 69
*ASTHMA, physiopathology/ CHILD/ *GLUCOSE TOLERANCE TEST/ HUMAN/ HYPOTHALAMUS, pathology/ INSULIN, blood/ LACTATES, blood/ RADIOIMMUNOASSAY/ *SOMATOTROPIN, analysis

3807. **Socarides CW:** Transsexualism. Reply.
Amer J Psychiat 126:270, Aug 69
*HERMAPHRODITISM, surgery/ HUMAN

3808. **Socquet Y, Brenez J, Crabbe J:** Néphrocolcinose, hyperoxalurie primitive, hypervitaminose D. Relation de 2 cas. Acta Urol Belg 35:545-72, Oct 67 (Fre)
ADOLESCENCE/ ADULT/ CHILD/ FEMALE/ HUMAN/ MALE/ *METABOLISM, INBORN ERRORS/ MIDDLE AGE/ *NEPHROCALCINOSIS/ *NUTRITION DISORDERS/ *OXALATES, urine/ *VITAMIN D

3809. **Soiva K:** Klimakteriumin hormonihoito.
Duodecim 85:360-4, 1969 (14 ref.) (Fin)
*ESTROGENS, therapeutic use/ FEMALE/ HUMAN/ *MENOPAUSE, drug effects/ REVIEW/ STERILITY, FEMALE, drug therapy

3810. **Sokol AE:** Kompensatornye mekhanizmy gemodinamiki i sokratitel'naia sposobnost' miokarda

u bol'nykh addisonovoĭ bolezn'iu.
Probl Endokr (Moskva) 14:20-4, May-Jun 68 (Rus)
*ADDISON'S DISEASE, physiopathology/ ADULT/ BLOOD PRESSURE/ ENGLISH ABSTRACT/ FEMALE/ *HEART, physiopathology/ *HEMODYNAMICS/ HUMAN/ MALE/ MIDDLE AGE/ MUSCLE CONTRACTION

3811. **Sokolova NM, Chen-Maĭransaeva TP, Klechikov LZ:** O bakteriemii u bol'nykh zlokachestvennymi opukholiami laichnikov.
Vop Onkol 15:46-50, 1969 (Rus)
*ANTINEOPLASTIC AGENTS, adverse effects/ ENGLISH ABSTRACT/ *ESCHERICHIA COLI INFECTIONS/ FEMALE/ HUMAN/ L FORMS/ *OVARIAN NEOPLASMS, complications/ OVARIAN NEOPLASMS, drug therapy/ *SEPTICEMIA/ *STAPHYLOCOCCAL INFECTIONS

3812. **Sokolova ZA, Kubli SKh, Nevstrueva VS:** Fraktsionnyĭ sostav belkov pochek i pecheni u belykh krys pri razlichnykh funktsional'nykh sostoianiiakh shchitovodnoĭ.
Probl Endokr (Moskva) 15:87-90, Mar-Apr 69 (Rus)
ANIMAL EXPERIMENTS/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ HYPERTHYROIDISM, metabolism/ HYPOTHYROIDISM, metabolism/ *KIDNEY, analysis/ *LIVER, analysis/ *PROTEINS, analysis/ RATS/ *THYROID DISEASES, metabolism

3813. **Solatunturi E:** Effect of chlorpromazine on the fine structure of rabbit blood platelets.
Ann Med Exp Biol Fenn 46:435-40, 1968
ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, drug effects/ CELL MEMBRANE, drug effects/ *CHLORPROMAZINE, pharmacodynamics/ HISTOCYTOCHEMISTRY/ MALE/ METHODS/ MICROSCOPY, ELECTRON/ RABBITS/ SEROTONIN, analysis/ STAINS AND STAINING

3814. **Solatunturi E, Tuomisto J:** Uptake of 5-hydroxytryptamine and histamine by intracellular particles of rabbit blood platelets.
Ann Med Exp Biol Fenn 46:447-52, 1968
ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, metabolism/ CARBON ISOTOPES/ CENTRIFUGATION, DENSITY GRADIENT/ *HISTAMINE, metabolism/ MALE/ METHODS/ RABBITS/ RESERPINE, pharmacodynamics/ *SEROTONIN, metabolism

3815. **Solbach HG:** Endokrine Symptomatik bei Hirnerkrankungen.
Med Welt 7:325-31, 15 Feb 69 (Ger)
*BRAIN DISEASES, diagnosis/ *BRAIN NEOPLASMS, diagnosis/ *ENDOCRINE DISEASES, diagnosis/ HUMAN

3816. **Soliman FA, Ayoub L, Soliman MK:** The hypothalamic regulation of thyrotrophic hormone secretion during the estrous cycle.
Zbl Veterinaermed [A] 16:471-5, Jul 69
*ESTRUS, physiology/ *HYPOTHALAMUS, physiology/ *THYROID HORMONES

3817. **Solomskaia EA:** K metodike opredeleniia intensivnosti razrusheniia serotonina tkaniami.
Lab Delo 1:13-4, 1969 (Rus)
HUMAN/ METHODS/ *MONOAMINE OXIDASE, analysis/ SEROTONIN, analysis/ *SEROTONIN, metabolism/ TISSUE EXTRACTS

3818. **Solomon DH:** Treatment of extrathyroidal manifestations of Graves' disease.
Mod Treatm 6:516-33, May 69
*GOITER, EXOPHTHALMIC, therapy/ HUMAN

3819. **Solsona F:** Tratamiento por el iodo 131 de afecciones no tiroideas. Rev Iber Endocr 16:217-22, May-Jun 69 (Spa)
ENGLISH ABSTRACT/ *HEART DISEASES, drug therapy/ HUMAN/ *IODINE ISOTOPES, therapeutic use/ *LUNG DISEASES, drug therapy/ *PARKINSONISM, drug therapy/ *THYROID GLAND, drug effects

3820. **Somogyi A, Selye H:** Tourniquet poditis--an experimental pedal inflammation in the rat.
Arzneimitteiforschung 19:977-81, Jun 69
ANIMAL EXPERIMENTS/ *ANTIBIOTICS, therapeutic use/ CHLORPROMAZINE, therapeutic use/ COMPARATIVE STUDY/ COMPOUND 48-80, therapeutic use/ CYPROHEPTADINE, therapeutic use/ DEPRESSION, CHEMICAL/ DEXTRAN/ DIBENAMINE, therapeutic use/ EDEMA, chemically induced/ *EDEMA, drug therapy/ FEMALE/ *FOOT DISEASES, drug therapy/ FORMALDEHYDE/ HISTAMINE, therapeutic use/ HYDROCORTISONE, therapeutic use/ *INFLAMMATION, drug therapy/ ISCHEMIA, drug therapy/ LEAD/ PHENOXYBENZAMINE, therapeutic use/ PHENTOLAMINE, therapeutic use/ POLYMYXIN, therapeutic use/ RATS/ SCANDIUM/ SEROTONIN, therapeutic use/ SODIUM SALICYLATE, therapeutic use/ STIMULATION, CHEMICAL/ *SYMPATHOLYTICS, therapeutic use/ TOURNIQUETS

3821. **Sonnenschein C, Yerganian G:** Autoradiographic patterns of chromosome replication in male and female cell derivatives of the Armenian hamster (Cricetulus migratorius). Exp Cell Res 57:13-8, Sep 69
ANIMAL EXPERIMENTS/ COLCHICINE, pharmacodynamics/ *DNA REPLICATION/ EVOLUTION/ FEMALE/ FIBROBLASTS/ *HAMSTERS/ KARYOTYPING/ MALE/ MITOSIS/ RADIOAUTOGRAPHY/ *SEX CHROMOSOMES/ SPECIES SPECIFICITY/ THYMIDINE, pharmacodynamics/ TISSUE CULTURE/ TRITIUM

3822. **Sorisio F, Cellino Tosi A, Proscia N:** Indagini elettroforetiche e spettrografiche nell'infrarosso su siero di portatori di neoplasia.
Minerva Chir 23:1286-95, 31 Dec 68 (Ita)
BLADDER NEOPLASMS, blood/ *BLOOD PROTEIN ELECTROPHORESIS/ BREAST NEOPLASMS, blood/ CARCINOMA, blood/ DISGERMINOMA, blood/ ENGLISH ABSTRACT/ ESOPHAGEAL NEOPLASMS, blood/ GASTROINTESTINAL NEOPLASMS, blood/ HUMAN/ INFRARED RAYS/ LIVER NEOPLASMS, blood/ MELANOMA, blood/ *NEOPLASMS, blood/ PAPILLOMA, blood/ SARCOMA, OSTEOGENIC, blood/ SARCOMA, RETICULUM CELL, blood/ *SPECTRUM ANALYSIS/ UTERINE NEOPLASMS, blood

3823. **Soskin LS, Ravikovich MA, Bogdanovich LG, et al:** Nekotorye voprosy geneza bolezni Itsenko-Kushinga.
Vop Neirokhir 33:14-8, May-Jun 69 (Rus)
ADOLESCENCE/ ADRENAL GLAND NEOPLASMS, complications/ ADRENALECTOMY/ ADULT/ BRAIN DISEASES, complications/ CUSHING'S SYNDROME, cerebrospinal fluid/ CUSHING'S SYNDROME, diagnosis/ *CUSHING'S SYNDROME, etiology/ CUSHING'S SYNDROME, surgery/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HUMAN/ INTRACRANIAL PRESSURE/ MIDDLE AGE/ PITUITARY NEOPLASMS, complications/ PNEUMOENCEPHALOGRAPHY/ VENTRICULOGRAPHY

3824. **Soumar J, Schönfeld V, Bednář J, et al:** [Thyroid gland function in women with repeated spontaneous aborions] Z Geburtsh Gynaek 170:242-51, 1969
ABORTION, HABITUAL, diagnosis/ *ABORTION, HABITUAL, etiology/ ADOLESCENCE/ ADULT/ CHOLESTEROL, blood/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, complications/ IODINE, blood/ PREGNANCY/ PROTEIN-BOUND IODINE TEST/ *THYROID GLAND, metabolism/ THYROID GLAND FUNCTION TESTS

3825. **Southwick FS, Crelin ES:** The development of sexual dimorphism in transplanted mouse pelves.
Yale J Biol Med 41:446-7, Jun 69
ANIMAL EXPERIMENTS/ BACK, surgery/ FEMALE/ MALE/ MICE/ PELVIC BONES, drug effects/ *PELVIC BONES, growth &

development/ *PELVIC BONES, transplantation/ *SEX CHARACTERISTICS/ TESTOSTERONE, pharmacodynamics/ TRANSPLANTATION, HOMOLOGOUS

3826. Sowiński S, Zawadzki J, Sikorska A, et al: Ocena zastosowania lateksu krajowego w serologicznych próbach ciążowych.
Przegl Lek 25:495-7, 24 Jun 69 (Pol)
ENGLISH ABSTRACT/ FEMALE/ *GONADOTROPINS, urine/ HUMAN/ *LATEX PARTICLES/ PREGNANCY/ *PREGNANCY TESTS

3827. Spaeth GL: General medications, glaucoma, and disturbances of intraocular pressure.
Med Clin N Amer 53:1109-21, Sep 69
ANTERIOR CHAMBER/ ANTIHYPERTENSIVE AGENTS, adverse effects/ CARBONIC ANHYDRASE INHIBITORS, pharmacodynamics/ *DRUG THERAPY, adverse effects/ *GLAUCOMA, chemically induced/ GLAUCOMA, diagnosis/ GLAUCOMA, drug therapy/ GLUCOCORTICOIDS, adverse effects/ GLUCOCORTICOIDS, pharmacodynamics/ HUMAN/ *INTRAOCULAR PRESSURE, drug effects/ OSMOLAR CONCENTRATION

3828. Spechtmeyer H: Klinische Methoden zur Erfassung der Wirkung von Antihypertensiva.
Arzneimittelforschung 19:805-6, May 69 (Ger)
*ANTIHYPERTENSIVE AGENTS, therapeutic use/ *CARDIOVASCULAR SYSTEM, physiopathology/ CLINICAL RESEARCH/ ELECTROCARDIOGRAPHY/ *ENDOCRINE GLANDS, physiopathology/ ENGLISH ABSTRACT/ GUANETHIDINE, therapeutic use/ *HEART FUNCTION TESTS/ HEMODYNAMICS/ HUMAN/ HYDROCHLOROTHIAZIDE, therapeutic use/ HYPERTENSION, drug therapy/ HYPERTENSION, radiography/ *KIDNEY FUNCTION TESTS/ *LIVER FUNCTION TESTS/ METHYLDOPA, therapeutic use/ PLACEBOS/ RESERPINE, therapeutic use

3829. Spellacy WN: Human placental lactogen (HPL): the review of a protein hormone important to obstetrics and gynecology. Southern Med J 62:1054-7, Sep 69
ANIMAL EXPERIMENTS/ CARBOHYDRATES, metabolism/ CHEMISTRY/ ELECTROLYTES, metabolism/ ESTRIOL, urine/ FEMALE/ HUMAN/ LIPIDS, metabolism/ *PLACENTA, metabolism/ *PLACENTAL HORMONES/ PLACENTAL LACTOGEN, biosynthesis/ PLACENTAL LACTOGEN, blood/ PLACENTAL LACTOGEN, metabolism/ PLACENTAL LACTOGEN, physiology/ PREGNANCY/ PREGNANCY IN DIABETES, metabolism/ PROTEINS, metabolism/ REVIEW

3830. Spellacy WN, Buhi WC, Bendel RP: Human growth hormone levels during the menstrual cycle.
Amer J Obstet Gynec 104:1138-42, 15 Aug 69
BASAL METABOLISM/ BLOOD SUGAR, analysis/ BODY TEMPERATURE/ FASTING/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ HUMAN/ INSULIN, metabolism/ *MENSTRUATION/ OVULATION/ PITUITARY GLAND, secretion/ *SOMATOTROPIN, blood

3831. Spellberg MA: Treatment of hepatolenticular degeneration. (Wilson's disease).
Amer J Gastroent 52:121-6, Aug 69 (34 ref.)
ACUTE DISEASE/ CERULOPLASMIN, blood/ COPPER, blood/ COPPER, urine/ DIET THERAPY/ DIMERCAPROL, administration & dosage/ EDTA, administration & dosage/ ETHINYL ESTRADIOL, administration & dosage/ HEPATOLENTICULAR DEGENERATION, blood/ *HEPATOLENTICULAR DEGENERATION, drug therapy/ HEPATOLENTICULAR DEGENERATION, therapy/ HUMAN/ INJECTIONS, INTRAVENOUS/ ION EXCHANGE RESINS, therapeutic use/ PENICILLAMINE, administration & dosage/ POTASSIUM, therapeutic use/ PROGNOSIS/ REVIEW/ SULFIDES, therapeutic use/ TROPANES, therapeutic use

3832. Spencer DA: An unusual sex chromosome mosaicism.
Brit J Psychiat 115:747, Jun 69
ADULT/ BODY HEIGHT/ DERMATOGLYPHICS/ HUMAN/ KLINEFELTER'S SYNDROME, complications/ MALE/ MENTAL RETARDATION, complications/ *MOSAICISM/ *SEX CHROMOSOME ABNORMALITIES, complications

3833. Spencer DA, Eyles JW, Mason MK: XYY syndrome, and XYY-XXYY mosaicism also showing features of Klinefelter's syndrome. J Med Genet 6:159-65, Jun 69
ADULT/ BODY HEIGHT/ CHEEK, cytology/ HUMAN/ JAW ABNORMALITIES, familial & genetic/ KARYOTYPING/ *KLINEFELTER'S SYNDROME/ MALE/ MANDIBLE, abnormalities/ MENTAL RETARDATION, familial & genetic/ *MOSAICISM/ *SEX CHROMOSOME ABNORMALITIES/ SOCIOPATHIC PERSONALITY

3834. Speranskiĭ VV: Gonadotropiny v preparatakh gamma-globulina i al'bumina, poluchennykh iz syvorotki abortnoĭ i platsentarnoĭ.
Probl Gemat 13:54-5, Nov 68 (Rus)
*ABORTION, blood/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ FEMALE/ *GAMMA GLOBULIN/ *GONADOTROPINS, blood/ MICE/ *PLACENTA, blood supply/ PREGNANCY/ *SERUM ALBUMIN

3835. Sperzani GL, Marinoni V: Il problema diagnostico dell'amebiasi cronica silente con il test al prednisone.
Arch Ital Sci Med Trop 48:295-8, Nov-Dec 67 (Ita)
*ADRENAL CORTEX HORMONES, adverse effects/ *AMEBIASIS, diagnosis/ CHRONIC DISEASE/ FEMALE/ HUMAN/ MALE/ *PREDNISONE, diagnostic use

3836. Spičáková V, Poláček E, Lacková E, et al: Komplikace léčby u případu adrenogenitálního syndrome se solnou poruchou.
Cas Lek Cesk 106:689-93, 23 Jun 67 (Cze)
*ADRENOGENITAL SYNDROME, complications/ ANOREXIA NERVOSA, chemically induced/ *DESOXYCORTICOSTERONE, adverse effects/ POLYURIA, chemically induced/ PREDNISONE, therapeutic use/ *WATER-ELECTROLYTE BALANCE

3837. Spiegel AM, Bitensky MW: Effects of chemical and enzymatic modifications of glucagon on its activation of hepatic adenyl cyclase.
Endocrinology 85:638-43, Oct 69
*ADENINE NUCLEOTIDES, metabolism/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ ADENYL CYCLASE, metabolism/ AMINO ACID SEQUENCE/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ BROMINE/ COMPARATIVE STUDY/ CYANIDES/ *ENZYMES, metabolism/ FEMALE/ GLUCAGON, analysis/ *GLUCAGON, pharmacodynamics/ *LIVER, enzymology/ *PEPTIDES, pharmacodynamics/ RATS/ *SECRETIN, pharmacodynamics/ STIMULATION, CHEMICAL/ TRYPSIN

3838. Spiers AS: Cerebral metastases from carcinoma of the lung. Med J Aust 2:178-83, 26 Jul 69
AGED/ BETAMETHASONE, therapeutic use/ BRAIN, radiography/ *BRAIN NEOPLASMS/ BRAIN NEOPLASMS, diagnosis/ BRAIN NEOPLASMS, drug therapy/ BRAIN NEOPLASMS, surgery/ *CARCINOMA, pathology/ CAROTID ARTERIES, radiography/ CRANIOTOMY/ FEMALE/ HUMAN/ *LUNG NEOPLASMS, pathology/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ PNEUMOENCEPHALOGRAPHY/ PREDNISOLONE, therapeutic use/ RADIOISOTOPE SCANNING/ THORACIC RADIOGRAPHY/ VENTRICULOGRAPHY

3839. Spirito L, Guarino M, Gusmano R, et al: Alterazioni epatiche nel corso della nefropatia del ratto da antigene renale omologo. Influenza dei corticosteroidi e degli steroidi anabolizzanti.
Pathologica 60:71-81, Mar-Apr 68 (Ita)

*ANABOLIC STEROIDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ *AUTOIMMUNE DISEASES/ ENGLISH ABSTRACT/ FREUND'S ADJUVANT/ KIDNEY/ *KIDNEY DISEASES, immunology/ KIDNEY DISEASES, pathology/ *LIVER, pathology/ MALE/ *PREDNISOLONE, pharmacodynamics/ RATS

3840. **Spooner CE, Mandell AJ, Winters WD, et al:** Pharmacological and biochemical correlates of 5-hydroxytryptamine entry into the central nervous system during maturation.
Proc West Pharmacol Soc 11:98-104, 1968
AGE FACTORS/ ANIMAL EXPERIMENTS/ *BRAIN CHEMISTRY/ CEREBELLUM, analysis/ CHICKENS/ DEPRESSION, chemically induced/ DIENCEPHALON, analysis/ ELECTROENCEPHALOGRAPHY/ HYDROXYTRYPTOPHAN, blood/ INULIN, blood/ MEDULLA OBLONGATA, analysis/ MESENCEPHALON, analysis/ *NEURAL TRANSMISSION/ OPTIC CHIASM, analysis/ PONS, analysis/ *SEROTONIN, blood/ TIME FACTORS/ TRITIUM

3841. **Sprawls P Jr:** Digital-computer interpretation of radioisotope distribution patterns.
J Nucl Med 10:618-20, Oct 69
*COMPUTERS, DIGITAL/ HUMAN/ MATHEMATICS/ METHODS/ *RADIOISOTOPE SCANNING/ *THYROID DISEASES, diagnosis

3842. **Sprung M:** Hormonoovisni karcinomi i mogućnosti hormonalne terapije.
Vojnosanit Pregl 26:248-50, May 69 (Cro)
*BREAST NEOPLASMS, drug therapy/ *CARCINOMA, drug therapy/ FEMALE/ *HORMONES, therapeutic use/ HUMAN

3843. **Srael H:** Pubertal influence upon the growth and sexual differentiation of the human mandible.
Arch Oral Biol 14:583-90, Jun 69
ADOLESCENCE/ ADULT/ CEPHALOMETRY/ FEMALE/ HUMAN/ MALE/ MANDIBLE, anatomy & histology/ *MANDIBLE, growth & development/ PERIODONTIUM, anatomy & histology/ *PUBERTY/ SEX FACTORS/ STEROIDS, physiology

3844. **Srinivasan V, Neal MJ, Mitchell JF:** The effect of electrical stimulation and high potassium concentrations on the efflux of (3H) gamma-aminobutyric acid from brain slices.
J Neurochem 16:1235-44, Aug 69
ACETIC ACIDS, pharmacodynamics/ *AMINOBUTYRIC ACID, metabolism/ AMINOISOBUTYRIC ACID, metabolism/ AMINOTRANSFERASES, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ CALCIUM, metabolism/ CARBON ISOTOPES/ CEREBRAL CORTEX, drug effects/ *CEREBRAL CORTEX, metabolism/ CEREBRAL CORTEX, physiology/ CHROMATOGRAPHY/ CHROMATOGRAPHY, PAPER/ ELECTRIC STIMULATION/ GLUTAMINE, metabolism/ IN VITRO/ LEUCINE, metabolism/ MALE/ NOREPINEPHRINE, metabolism/ *POTASSIUM, pharmacodynamics/ RATS/ TRITIUM/ UREA, metabolism

3845. **Stabenfeldt GH, Ewing LL, McDonald LE:** Peripheral plasma progesterone levels during the bovine oestrous cycle. J Reprod Fertil 19:433-42, Aug 69
ANIMAL EXPERIMENTS/ CATTLE/ CHROMATOGRAPHY, THIN LAYER/ CORPUS LUTEUM, metabolism/ *ESTRUS/ FEMALE/ GRAAFIAN FOLLICLE, metabolism/ JUGULAR VEIN, analysis/ PROGESTERONE, analysis/ *PROGESTERONE, blood/ TIME FACTORS

3846. **Stabrovskii EM:** Vliianie gormonov korkovogo beshchestva nadpochechnikov na sintez adrenalina v nadpochechnikakh kurinykh émbrionov i tsypliat.
Probl Endokr (Moskva) 15:89-93, May-Jun 69 (Rus)
ADRENAL GLANDS, anatomy & histology/ *ADRENAL GLANDS, secretion/ ANIMAL EXPERIMENTS/ CHICK EMBRYO/ CHICKENS/ *CORTICOTROPIN, pharmacodynamics/ ENGLISH ABSTRACT/ EPINEPHRINE, analysis/ *EPINEPHRINE, biosynthesis/ *HYDROCORTISONE, pharmacodynamics/ NOREPINEPHRINE, analysis/ ORGAN WEIGHT

3847. **Staeffen J:** Le coma hépatique des cirrhoses.
Sem Hop Paris 45:1112-3, 8 Apr 69 (Fre)
AMMONIA, blood/ BLOOD TRANSFUSION/ CHLORINE, therapeutic use/ DIAGNOSIS, DIFFERENTIAL/ ELECTROENCEPHALOGRAPHY/ GLUCOSE, therapeutic use/ HEMORRHAGE, GASTROINTESTINAL, complications/ *HEPATIC COMA/ HEPATIC COMA, diagnosis/ HEPATITIS, complications/ HEPATITIS, TOXIC, complications/ HUMAN/ HYDROCORTISONE, therapeutic use/ HYDROTHERAPY/ HYPONATREMIA, complications/ *LIVER CIRRHOSIS, complications/ NEOMYCIN, therapeutic use/ NEUROLOGIC MANIFESTATIONS/ NITROGEN, blood/ PERFUSION

3848. **Staffeldt K, Kreuzer G, Hoffbauer H:** Histologische und gerinnungsanalytische Untersuchung zur Wirkung der niedrig dosierten Gestagen-Dauerapplikation auf das Endometrium. Arch Gynaek 207:50-2, 1969 (Ger)
*BLOOD COAGULATION, drug effects/ BLOOD COAGULATION TESTS/ CHLORMADINONE, administration & dosage/ *CHLORMADINONE, pharmacodynamics/ ENDOMETRIUM, cytology/ *ENDOMETRIUM, drug effects/ FEMALE/ HUMAN/ TIME FACTORS

3849. **Staid G, Egli F:** Zur Therapie der Malignome im Kindesalter. Praxis 58:714-6, 3 Jun 69 (Ger)
*ANTINEOPLASTIC AGENTS, therapeutic use/ CHILD, PRESCHOOL/ CORTICOTROPIN, therapeutic use/ EOSINOPHILIC GRANULOMA, drug therapy/ HAND-SCHUELLER-CHRISTIAN SYNDROME, drug therapy/ HUMAN/ LETTERER-SIWE DISEASE, drug therapy/ LEUKEMIA, drug therapy/ METHOTREXATE, therapeutic use/ *NEOPLASMS, therapy/ NEPHROBLASTOMA, surgery/ NEUROBLASTOMA, surgery/ PREDNISONE, therapeutic use/ SARCOMA, EWING'S, radiotherapy/ VINCRISTINE, therapeutic use

3850. **Stamatiadis Y:** Paratiroid bezlerinin arter dolaşimi.
Tip Fak Mec (Istanbul) 31:375-400, 1968 (Tur)
*ARTERIES/ CADAVER/ COLLATERAL CIRCULATION/ ENGLISH ABSTRACT/ HUMAN/ *PARATHYROID GLANDS, blood supply

3851. **Stampfer M, Baltimore D, Huang AS:** Ribonucleic acid synthesis of vesicular stomatitis virus. I. Species of ribonucleic acid found in Chinese hamster ovary cells infected with plaque-forming and defective particles.
J Virol 4:154-61, Aug 69
CARBON ISOTOPES/ CELL LINE/ CENTRIFUGATION, DENSITY GRADIENT/ DACTINOMYCIN, pharmacodynamics/ DEFECTIVE VIRUS, metabolism/ DENSITOMETRY/ HAMSTERS/ OVARY/ RNA, VIRAL, analysis/ *RNA, VIRAL, biosynthesis/ TRITIUM/ URIDINE, metabolism/ *VESICULAR STOMATITIS VIRUS, metabolism

3852. **Stanbury SW, Lumb GA, Mawer EB:** Osteodystrophy developing spontaneously in the course of chronic renal failure.
Arch Intern Med (Chicago) 124:274-81, Sep 69
HUMAN/ HYPERPARATHYROIDISM, drug therapy/ HYPERTHYROIDISM, etiology/ *KIDNEY FAILURE, CHRONIC, complications/ KIDNEY FAILURE, CHRONIC, drug therapy/ PARATHYROID GLANDS, surgery/ PHOSPHORUS METABOLISM DISORDERS, etiology/ RICKETS, RENAL, drug therapy/ *RICKETS, RENAL, etiology/ VITAMIN D, therapeutic use

3853. **Standaert FG, Levitt B, Roberts J, et al:** Antagonism of ventricular arrhythmias induced by digitalis--a neural

phenomenon. Europ J Pharmacol 6:209-16, 1969
AMINO ALCOHOLS, pharmacodynamics/ ANIMAL EXPERIMENTS/ CATS/ DEPRESSION, CHEMICAL/ DIGITALIS GLYCOSIDES, pharmacodynamics/ *HEART RATE, drug effects/ HEART VENTRICLE, drug effects/ MOTOR NEURONS, drug effects/ MUSCLE CONTRACTION, drug effects/ *NERVE ENDINGS, drug effects/ PHENETHYLAMINES, pharmacodynamics/ PRONETHALOL, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ STEREOISOMERS/ *SYMPATHOLYTICS, pharmacodynamics/ TETANY

3854. **Stanton SL:** Pregnancy and acromegaly.
Proc Roy Soc Med 62:835, Aug 69
*ACROMEGALY/ ADULT/ CASE REPORT/ FEMALE/ HUMAN/ MYXEDEMA/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ PREGNANCY IN DIABETES

3855. **Starčević Z, Davidović-Milovanov D:** Izlučivanje testosterona kod idiopatskog hirzutizma.
Lijecn Vjesn 90:837-42, Sep 68 (Cro)
ADOLESCENCE/ ADULT/ FEMALE/ *HIRSUTISM, urine/ HUMAN/ *TESTOSTERONE, urine

3856. **Starkova NT, Alekseev LG:** Vliianie muzhskikh polovykh gormonov na funktsiiu shchitovidnoĭ zhelezy pri gipogonadizme i sindrome Klaĭnfel'tera.
Probl Endokr (Moskva) 14:23-9, Jul-Aug 68 (Rus)
ADOLESCENCE/ ADULT/ GONADOTROPINS, CHORIONIC, therapeutic use/ HUMAN/ HYPOGONADISM, drug therapy/ *HYPOGONADISM, physiopathology/ IODINE ISOTOPES, DIAGNOSTIC/ KLINEFELTER'S SYNDROME, drug therapy/ *KLINEFELTER'S SYNDROME, physiopathology/ MALE/ PROTEIN-BOUND IODINE TEST/ TESTOSTERONE, pharmacodynamics/ *TESTOSTERONE, therapeutic use/ THYROID GLAND, drug effects/ *THYROID GLAND, physiopathology/ THYROTROPIN, therapeutic use

3857. **Starkova NT, Bukhman AI, Kharitonov EI:** Sostoianie ko stno-sustavnoĭ sistemy pri muzhskom gipogonadizme (kliniko-rentgenologicheskoe issledovanie)
Probl Endokr (Moskva) 15:3-7, May-Jun 69 (Rus)
ALKALINE PHOSPHATASE, blood/ BONE AND BONES, physiopathology/ *BONE AND BONES, radiography/ CALCIUM, blood/ ENGLISH ABSTRACT/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ *HYPOGONADISM, physiopathology/ HYPOGONADISM, radiography/ JOINTS, radiography/ 17-KETOSTEROIDS, urine/ MALE/ OSTEOPOROSIS, etiology/ PHOSPHORUS, blood

3858. **Starkova NT, Kotova GA:** K voprosu o testikuliarnoĭ feminizatsii.
Probl Endokr (Moskva) 14:10-4, Nov-Dec 68 (Rus)
ADOLESCENCE/ ADULT/ ANDROSTERONE, urine/ DEHYDROEPIANDROSTERONE, urine/ ENGLISH ABSTRACT/ ESTRADIOL, urine/ ESTRIOL, urine/ ESTRONE, urine/ ETIOCHOLANOLONE, urine/ FEMALE/ HUMAN/ 17-KETOSTEROIDS, urine/ *SEX DIFFERENTIATION DISORDERS/ TESTICULAR FEMINIZATION

3859. **Starzyk H, Rzucidlo Z, Djaczenko W, et al:** Some morphologic, biologic and metabolic properties of transplantable Kirkman-Robbins hepatoma in hamsters. Arch Immun Ther Exp 17:523-35, 1969
ADRENAL GLANDS, pathology/ ANIMAL EXPERIMENTS/ GLYCOLYSIS/ HAMSTERS/ HEPATOMA, metabolism/ *HEPATOMA, pathology/ KIDNEY, pathology/ LIVER, pathology/ LUNG, pathology/ MICROSCOPY, ELECTRON/ NEOPLASM METASTASIS/ NEOPLASM TRANSPLANTATION/ NEOPLASMS, EXPERIMENTAL, metabolism/ *NEOPLASMS, EXPERIMENTAL, pathology

3860. **Šťastný J, Sponarová J, Stoklasová H:** Untersuchungen über die analytische und klinische Zuverlässigkeit einer Modifikatin der direkten Fluorometride der Harnöstrogene nach Ittrich.
Acta Univ Carol [Med] (Praha) 14:27-57, 1968 (Ger)
ENGLISH ABSTRACT/ *ESTROGENS, urine/ FEMALE/ FILTERS/ FLUORESCENCE/ *FLUOROMETRY/ HUMAN/ MALE/ METHODS/ PREGNANCY

3861. **Stavem P, Hjort PF, Vogt E, et al:** Ring-shaped nuclei of granulocytes in a patient with acute erythroleukaemia. Scand J Haemat 6:31-2, 1969
AGED/ BLOOD TRANSFUSION/ BONE MARROW EXAMINATION/ CASE REPORT/ *CELL NUCLEUS/ *ERYTHREMIC MYELOSIS, blood/ ERYTHREMIC MYELOSIS, therapy/ HUMAN/ KARYOTYPING/ *LEUKOCYTES, cytology/ MALE/ PREDNISONE, therapeutic use

3862. **Steckel RJ, Tobin P, Ross G, et al:** Radiation protection of vital organs, using a selective arterial catheter. Experimental and clinical aspects.
Amer J Roentgen 106:841-7, Aug 69
ABDOMINAL NEOPLASMS, radiotherapy/ ANIMAL EXPERIMENTS/ *CATHETERIZATION/ CYSTADENOMA, MUCINOUS, radiotherapy/ DOGS/ EPINEPHRINE, administration & dosage/ FEMALE/ HUMAN/ INFUSIONS, PARENTERAL/ INTESTINE, SMALL, radiation effects/ KIDNEY, radiation effects/ MESENTERIC ARTERIES/ METHODS/ MIDDLE AGE/ OVARIAN NEOPLASMS, radiotherapy/ PROPRANOLOL, administration & dosage/ RADIATION INJURY, occurrence/ *RADIATION INJURY, prevention & control/ *RADIATION PROTECTION/ RENAL ARTERY

3863. **Steer P, Marnell R, Werk EE Jr:** Clinical alcohol hypoglycemia and isolated adrenocorticotrophic hormone deficiency. Ann Intern Med 71:343-8, Aug 69
ADULT/ ALCOHOL, ETHYL, therapeutic use/ *ALCOHOLISM, complications/ BLOOD SUGAR, analysis/ COMA/ *CORTICOTROPIN, blood/ DEFICIENCY DISEASES, complications/ GLUCOSE TOLERANCE TEST/ HUMAN/ HYDROCORTISONE, blood/ HYDROCORTISONE, therapeutic use/ *HYPOGLYCEMIA, complications/ MALE/ PITUITARY-ADRENAL FUNCTION TESTS/ PROTEIN-BOUND IODINE TEST/ TOLBUTAMIDE, metabolism

3864. **Stegner HE:** Die funktionellen Wechselwirkungen zwischen Tube und befruchtetem Ei.
Arch Gynaek 207:136-54, 1969 (64 ref.) (Ger)
ACETYLCHOLINE, physiology/ AMPHIBIA/ ANIMAL EXPERIMENTS/ CLOMIPHENE, pharmacodynamics/ DIFFUSION/ ESTROGENS, pharmacodynamics/ FALLOPIAN TUBES, analysis/ FALLOPIAN TUBES, cytology/ FALLOPIAN TUBES, drug effects/ FALLOPIAN TUBES, metabolism/ *FALLOPIAN TUBES, physiology/ FEMALE/ *FERTILIZATION/ HISTAMINE, physiology/ HUMAN/ KININS, pharmacodynamics/ MICROSCOPY, ELECTRON/ MUCOUS MEMBRANE/ OVUM, analysis/ OVUM, metabolism/ *OVUM, physiology/ OXYTOCIN, physiology/ PEPTIDES, physiology/ PHAGOCYTOSIS/ PINOCYTOSIS/ PROGESTATIONAL HORMONES, pharmacodynamics/ PROTEINS, analysis/ RABBITS/ RATS/ REVIEW

3865. **Stegner HE, Iwata M:** Elektronenmikroskopische Untersuchungen am Scheidenepithel der Ratte während des Oestrischen Zyklus.
Z Mikr Anat Forsch 76:491-508, 1967 (Ger)
ENGLISH ABSTRACT/ *EPITHELIUM, cytology/ *ESTRUS/ FEMALE/ MICROSCOPY, ELECTRON/ *RATS/ *VAGINA, cytology

3866. **Steigrad SJ:** The incidence of neoplastic trophoblastic disease in Australia.
Aust New Zeal J Obstet Gynaec 9:100-2, May 69
AUSTRALIA/ CHORIOCARCINOMA, occurrence/ FEMALE/ HUMAN/

HYDATIDIFORM MOLE, occurrence/ PREGNANCY/ *TROPHOBLASTIC TUMOR, occurrence

3867. Stein DG, Rosen JJ, Graziadei J, et al: Central nervous system: recovery of function.
Science 166:528-30, 24 Oct 69
*AMYGDALOID BODY, physiology/ ANIMAL EXPERIMENTS/ *DISCRIMINATION LEARNING/ *FRONTAL LOBE, physiology/ HIPPOCAMPUS, physiology/ MALE/ RATS

3868. Steinbach HL, Brown RA: Epiphyseal dysostosis.
Amer J Roentgen 105:860-9, Apr 69
ACETABULUM, radiography/ ADULT/ CERVICAL VERTEBRAE, radiography/ DISLOCATIONS/ DWARFISM, radiography/ ELBOW, radiography/ *EPIPHYSES/ EPIPHYSES, radiography/ FEMALE/ FEMUR, radiography/ FOOT, radiography/ HAND, radiography/ HAND DEFORMITIES, radiography/ HIP, injuries/ HUMAN/ INFANT/ KYPHOSIS, radiography/ LUMBAR VERTEBRAE, radiography/ MALE/ METACARPUS, radiography/ METATARSUS, radiography/ *OSSIFICATION, PATHOLOGIC/ OSSIFICATION, PATHOLOGIC, radiography/ PELVIC BONES, injuries/ RADIUS, injuries/ SPINAL CORD, injuries/ ULNA, radiography

3869. Steiner FA, Akert K, Ruf K: Steroid-sensitive neurones in rat brain: anatomical localization and responses to neurohumours and ACTH. Brain Res 12:74-85, Jan 69
ACETYLCHOLINE, pharmacodynamics/ ACTION POTENTIALS/ ANIMAL EXPERIMENTS/ *BRAIN MAPPING/ CEREBRAL CORTEX, drug effects/ *CORTICOTROPIN, pharmacodynamics/ CYBERNETICS/ DEXAMETHASONE, pharmacodynamics/ ELECTROPHORESIS/ FEEDBACK/ HIPPOCAMPUS, drug effects/ HYPOTHALAMUS, drug effects/ *HYPOTHALAMUS, physiology/ MALE/ MESENCEPHALON, drug effects/ *MESENCEPHALON, physiology/ *NEURONS, drug effects/ NEURONS, physiology/ NOREPINEPHRINE, pharmacodynamics/ RATS/ STEREOTAXIC TECHNICS/ THALAMUS, drug effects

3870. Steinert G, Urbani E: Communications intercellulaires dans les ovarioles de Dytiscus marginalis L.
J Embryol Exp Morph 22:45-54, Aug 69 (Fre)
ANIMAL EXPERIMENTS/ *BEETLES/ CELL MEMBRANE/ CYTOPLASM/ ENGLISH ABSTRACT/ FEMALE/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ ORGANOIDS/ *OVARY, cytology/ OVUM, cytology

3871. Steinhausen M, Eisenbach GM, Helmstädter V: Concentration of Lissamine green in proximal tubules of antidiuretic and mercury poisoned rats and the permeability of these tubules.
Pflueger Arch 311:1-15, 1969
ABSORPTION/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CASTOR OIL/ CELL MEMBRANE PERMEABILITY/ *DYES, metabolism/ INULIN, metabolism/ *KIDNEY TUBULES, metabolism/ MALE/ *MERCURY POISONING, metabolism/ MOTION PICTURES/ PERFUSION/ RATS/ TIME FACTORS/ VASOPRESSIN

3872. Steinmann EP: Styloid syndrome in absence of an elongated process.
Acta Otolaryng (Stockholm) 66:347-56, Oct 68
ADULT/ ANESTHETICS, LOCAL, therapeutic use/ CORTISONE, therapeutic use/ DEGLUTITION DISORDERS, etiology/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HEAT, therapeutic use/ HISTAMINE, therapeutic use/ HOARSENESS, etiology/ HUMAN/ *HYOID BONE/ IONTOPHORESIS/ MALE/ MIDDLE AGE/ *TEMPORAL BONE/ *TEMPORAL BONE, abnormalities/ TENDINITIS, complications/ *TENDINITIS, diagnosis/ TENDINITIS, therapy

3873. Stekol'nikov LI, Katkovskiĭ SB, Tepelina OM, et al: Fiziko-khimicheskie i biologicheskie osobennosti kompleksov tirokal'tsitionina s vysokomolekuliarnymi soedineniiami.
Vop Med Khim 15:276-9, May-Jun 69 (Rus)
AMINO ACIDS/ ANIMAL EXPERIMENTS/ CHEMISTRY/ ENGLISH ABSTRACT/ *HEPARIN/ HEPARIN, pharmacodynamics/ HYPOCALCEMIA, etiology/ MACROMOLECULAR SYSTEMS/ MOLECULAR WEIGHT/ PHOSPHORUS, blood/ *POLYVINYLPYRROLIDONE/ POLYVINYLPYRROLIDONE, pharmacodynamics/ RABBITS/ RATS/ *THYROCALCITONIN/ THYROCALCITONIN, pharmacodynamics

3874. Stekol'nikov LI, Katkovskiĭ SB, Briskin AI, et al: Fiziko-khimicheskie svoĭstva biologicheski aktivnykh kompleksov tirokal'tsitonina.
Biokhimiia 34:115-8, Jan-Feb 69 (Rus)
ANIMAL EXPERIMENTS/ ANTIHISTAMINICS/ CHEMISTRY/ *DEXTRAN/ ENGLISH ABSTRACT/ *HEPARIN/ HISTAMINE/ HYPOCALCEMIA, chemically induced/ SEROTONIN/ *THYROCALCITONIN/ TIME FACTORS

3875. Stellwagen RH, Cole RD: Chromosomal proteins.
Ann Rev Biochem 38:951-90, 1969 (290 ref.)
ANIMAL EXPERIMENTS/ ARGININE/ CHEMISTRY/ *CHROMOSOMES/ DNA/ HISTONES/ HISTONES, analysis/ HISTONES, biosynthesis/ HISTONES, metabolism/ HORMONES/ HUMAN/ LYSINE/ METHODS/ MICE/ MOLECULAR BIOLOGY/ NUCLEOPROTEINS/ PROTAMINES/ PROTAMINES, analysis/ PROTAMINES, metabolism/ *PROTEINS/ PROTEINS, analysis/ PROTEINS, biosynthesis/ PROTEINS, metabolism/ RATS/ REVIEW/ RNA

3876. Stelzer M, Mertz DP: Fehlender biologischer Nachweis von "long-acting thyroid stimulator" (LATS) bei endemischem euthyreotem Jodmangelkropf.
Munchen Med Wschr 111:1306-9, 6 Jun 69 (Ger)
ADULT/ AGED/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ FEMALE/ GAMMA GLOBULIN, 7S, metabolism/ *GOITER, blood/ GOITER, immunology/ GOITER, metabolism/ GOITER, ENDEMIC, blood/ HUMAN/ IODINE/ IODINE ISOTOPES, DIAGNOSTIC/ *LONG-ACTING THYROID STIMULATOR, blood/ MALE/ METHODS/ MICE/ MIDDLE AGE

3877. Stenchever MA, Jarvis JA, Kreger NK: Effect of selected estrogens and progestins on human chromosomes in vitro. Obstet Gynec 34:249-51, Aug 69
CHLORMADINONE, adverse effects/ CHROMOSOME ABERRATIONS/ *CHROMOSOMES, drug effects/ *CONTRACEPTIVES, ORAL, adverse effects/ DIMETHISTERONE, adverse effects/ ESTRADIOL, adverse effects/ *ESTROGENS, adverse effects/ ETHINYL ESTRADIOL, adverse effects/ FEMALE/ HUMAN/ IN VITRO/ LEUKOCYTES, drug effects/ LYMPHOCYTES, cytology/ MEGESTROL, adverse effects/ MESTRANOL, adverse effects/ NORETHINDRONE, adverse effects/ *PROGESTATIONAL HORMONES, adverse effects/ PROGESTERONE, adverse effects/ TISSUE CULTURE

3878. Stenlake JB, Williams WD, Davidson AG, et al: The effect of anti-inflammatory drugs on the protein-binding of 11-hydroxysteroids in human plasma in vitro. J Pharm Pharmacol 21:451-9, Jul 69
*ADRENAL CORTEX HORMONES, blood/ *ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ ARTHRITIS, RHEUMATOID, blood/ ASPIRIN, pharmacodynamics/ *BLOOD PROTEINS/ CORTICOTROPIN, pharmacodynamics/ FEMALE/ HUMAN/ INDOMETHACIN, pharmacodynamics/ OXYPHENBUTAZONE, pharmacodynamics/ PEPTIDES, pharmacodynamics/ PHENYLACETATES, pharmacodynamics/ PHENYLBUTAZONE/ PREGNANCY/ PROTEIN BINDING/ SERUM ALBUMIN

3879. **Stepanian ES, Blokh EL, Poliakova LA:** Kolichestvo trombotsitov i uroven' serotonina u bol'nykh tuberkulezom pri razlichnom sostoianii legochnogo krovoobrashcheniia.
Probl Tuberk 45:59-63, 1967 (Rus)
ADOLESCENCE/ ADULT/ *BLOOD CELL COUNT/ *BLOOD PLATELETS/ ELECTROKYMOGRAPHY/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PULMONARY CIRCULATION/ *SEROTONIN, blood/ *TUBERCULOSIS, PULMONARY, blood/ TUBERCULOSIS, PULMONARY, physiopathology

3880. **Stepanov GS, Shliakhtina LG:** Iod, sviazannyi s belkami, i soderzhanie gormnv schitovidnoi zhelezy v krovi bol'nykh autoimmunnym tireoiditom.
Probl Endokr (Moskva) 15:3-6, Jan-Feb 69 (Rus)
ADULT/ AGED/ *AUTOIMMUNE DISEASES/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPOTHYROIDISM, blood/ MALE/ MIDDLE AGE/ *PROTEIN-BOUND IODINE TEST/ *THYROIDITIS, immunology/ *THYROXINE-BINDING PROTEIN, blood

3881. **Stepanova NG:** Vliianie anabolicheskogo gormona (metandrostenolona) na aktivnost' NADF-fermentov v serdtse krys.
Vop Med Khim 15:291-5, May-Jun 69 (Rus)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *ISOCITRATE DEHYDROGENASE, metabolism/ *MALATE DEHYDROGENASE, metabolism/ METHANDROSTENOLONE, chem synthesis/ *METHANDROSTENOLONE, pharmacodynamics/ *MYOCARDIUM, enzymology/ *NADP, metabolism/ NUCLEIC ACIDS/ NUCLEOTIDES/ *OXIDOREDUCTASES, metabolism/ PENTOSEPHOSPHATES, biosynthesis/ RATS/ STIMULATION, CHEMICAL/ TESTOSTERONE/ TIME FACTORS

3882. **Stepanova PA:** Morfologicheskie osobennosti zheltogo tela pri perenashivanii beremennosti.
Akush Ginek (Moskva) 43:69-70, Oct 67 (Rus)
*CORPUS LUTEUM, pathology/ HUMAN/ PREGNANCY/ *PREGNANCY COMPLICATIONS, pathology/ *PREGNANCY, PROLONGED

3883. **Stephens CL, Braunstein H:** Hypocalcemic activity of serum in patients with medullary carcinoma of the thyroid. Amer J Clin Path 52:170-2, Aug 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CALCIUM, blood/ *CARCINOMA, blood/ FOLLOW-UP STUDIES/ HUMAN/ *HYPOCALCEMIA/ MALE/ METHODS/ NEOPLASM METASTASIS, diagnosis/ RATS/ *THYROCALCITONIN, blood/ *THYROID NEOPLASMS, blood/ THYROID NEOPLASMS, diagnosis

3884. **Stěrba R:** Několik zkušeností s účinkem injekčních progestagenů. Cesk Gynek 34:407-9, Sep 69 (Cze)
ADULT/ *DOSAGE FORMS/ ENDOMETRIUM, cytology/ *ENDOMETRIUM, drug effects/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYDROXYPROGESTERONE, pharmacodynamics/ MESTRANOL, pharmacodynamics/ PROGESTERONE, administration & dosage/ PROGESTERONE, blood/ *PROGESTERONE, pharmacodynamics/ TIME FACTORS

3885. **Stern E, Mickey MR, Osvalido L:** Tumorigenesis in the androgen-sterile rat: reciprocal incidence of carcinogen induced-mammary gland and ovarian tumors. Rass Neurol Veg 21:99-117, 30 Apr 67
*ANDROGENS/ ANIMAL EXPERIMENTS/ FEMALE/ GRANULOSA CELL TUMOR, chemically induced/ GRANULOSA CELL TUMOR, pathology/ *MAMMARY NEOPLASMS, EXPERIMENTAL, chemically induced/ MAMMARY NEOPLASMS, EXPERIMENTAL, pathology/ *OVARIAN NEOPLASMS, chemically induced/ OVARIAN NEOPLASMS, pathology/ RATS

3886. **Stern JM, Eisenfeld AJ:** Androgen accumulation andbinding to macromolecules in seminal vesicles: inhibition cyproterone. Science 166:233-5, 10 Oct 69
ANIMAL EXPERIMENTS/ *BINDING SITES/ CASTRATION/ INJECTIONS, INTRAVENOUS/ MACROMOLECULAR SYSTEMS/ MALE/ RABBITS/ *SEMINAL VESICLES, metabolism/ STEROIDS, chem synthesis/ *TESTOSTERONE, antagonists & inhibitors/ TESTOSTERONE, metabolism/ TRITIUM

3887. **Stern L:** Adaptation to extrauterine life.
Int Anesth Clin 6:875-909, Fall 68 (33 ref.)
*ADAPTATION, PHYSIOLOGICAL/ ALBUMINS, metabolism/ BILIRUBIN, metabolism/ BLOOD CIRCULATION/ BLOOD PRESSURE/ BODY TEMPERATURE REGULATION/ DRUG THERAPY/ DRUGS, administration & dosage/ DRUGS, metabolism/ DUCTUS ARTERIOSUS, physiology/ FEMALE/ FETUS, physiology/ HEART, physiology/ HUMAN/ *INFANT, NEWBORN/ KERNICTERUS, physiopathology/ KIDNEY, physiology/ LIVER, enzymology/ LIVER, metabolism/ LIVER, physiology/ LUNG, physiology/ MATERNAL-FETAL EXCHANGE/ PLACENTA, physiology/ PREGNANCY/ PULMONARY ARTERY/ RESPIRATION/ RESPIRATORY DISTRESS SYNDROME, physiopathology/ REVIEW/ SURFACE TENSION/ UMBILICAL ARTERIES, physiology/ UMBILICAL CORD, physiology/ UMBILICAL VEINS, physiology

3888. **Stern PH:** Inhibition by steroids of parathyroid hormone-induced Ca45 release from embryonic ra bone in vitro. J Pharmacol Exp Ther 168:211-7, Aug 6
ALDOSTERONE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BONE AND BONES, embryology/ *BONE RESORPTION, drug effects/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ CHOLESTEROL, pharmacodynamics/ COMPARATIVE STUDY/ CORTICOSTERONE, pharmacodynamics/ DEXAMETHASONE, pharmacodynamics/ ESTRADIOL, pharmacodynamics/ HYDROCORTISONE, pharmacodynamics/ IN VITRO/ *PARATHYROID HORMONE, pharmacodynamics/ RADIUS, embryology/ RATS/ *STEROIDS, pharmacodynamics/ TESTOSTERONE, pharmacodynamics/ TISSUE CULTURE/ ULNA, embryology

3889. **Sternadel Z, Wasilewska B:** Wpływ syntetycznycl progestagenów na błone, śluzową macicy kobie zdrowych. Ginek Pol 40:677-84, Jun 69 (Pol
ADULT/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ EDEMA, chemically induced/ *ENDOMETRIUM, drug effects/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERTROPHY, chemically induced/ OVULATION, drug effects/ *PROGESTATIONAL HORMONES, pharmacodynamics

3890. **Stevenson JA:** VI. Sensory mechanisms and multi-factor models in the regulation of food an water intake. Mechanisms in the control of food an water intake.
Ann NY Acad Sci 157:1069-83, 15 May 69 (45 ref.
ANIMAL EXPERIMENTS/ BLOOD SUGAR/ BODY TEMPERATURE/ BODY WEIGHT/ CHEMORECEPTORS, physiology/ DIET/ *DRINKING BEHAVIOR/ ELECTRIC STIMULATION/ *FEEDING BEHAVIOR/ HYPOTHALAMUS, physiology/ LIMBIC SYSTEM/ RATS/ *RECEPTORS, NEURAL, physiology/ REVIEW

3891. **Stewart JH, Neale FC, Blomfield J:** Magnesium and th haemodialysis patient. Lancet 2:798-9, 11 Oct 6
*HEMODIALYSIS/ HUMAN/ *MAGNESIUM, administration & dosage/ MAGNESIUM, blood PARATHYROID HORMONE, secretion/ UREMIA, therapy

3892. **Stifel FB, Herman RH, Rosensweig NS:** Dietar regulation of glycolytic enzymes. IV.
Biochim Biophys Acta 184:495-502, 2 Sep 69
ALDOLASE/ ANIMAL EXPERIMENTS/ DIETHYLSTILBESTROL/ ESTRADIOL/ FEMALE/ GLYCOLYSIS/ HEXOKINASE/

HEXOSEDIPHOSPHATASE/ *JEJUNUM, enzymology/ MALE/ *PHOSPHOFRUCTOKINASE/ PROGESTERONE/ *PYRUVATE KINASE/ RATS/ SEX FACTORS/ *SEX HORMONES/ TESTOSTERONE/ TUBE FEEDING

3893. Stinson EB, Dong E Jr, Bieber CP, et al: Cardiac transplantation in man. II. Immunosuppressive therapy. J Thorac Cardiovasc Surg 58:326-37, Sep 69
ADULT/ ANTILYMPHOCYTE SERUM, therapeutic use/ AZATHIOPRINE, therapeutic use/ CORONARY DISEASE, surgery/ DACTINOMYCIN, therapeutic use/ FEMALE/ *HEART, transplantation/ HISTOCOMPATIBILITY/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, adverse effects/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ LONG TERM CARE/ MALE/ METHYLPREDNISOLONE, therapeutic use/ MIDDLE AGE/ MYOCARDIAL DISEASES, PRIMARY, surgery/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY

3894. Stoba C, Iwaniukowicz A: Mięsak limfatyczny krezki z przerzutami do jajników u dziewczynki 4-letniej. Nowotwory 19:161-4, Apr-Jun 69 (Pol)
CASE REPORT/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LYMPHOSARCOMA, pathology/ MESENTERY, pathology/ NEOPLASM METASTASIS/ *OVARIAN NEOPLASMS, pathology/ *PERITONEAL NEOPLASMS, pathology

3895. Stöber G, Poppe W: Zur Diagnostik und Therapie der Myasthenia gravis pseudoparalytica.
Z Aerztl Fortbild (Jena) 63:549-51, 15 May 69 (Ger)
DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ MIDDLE AGE/ *MYASTHENIA GRAVIS/ MYASTHENIA GRAVIS, diagnosis/ MYASTHENIA GRAVIS, drug therapy/ MYASTHENIA GRAVIS, radiotherapy/ PHYSOSTIGMINE, therapeutic use/ SPIRONOLACTONE, therapeutic use

3896. Stöckel K, Stöcklin W, Reichstein T: Die Glykoside von Vincetoxicum hirundinaria Medikus. I. Isolierungen und Spaltprodukte.
Helv Chim Acta 52:1175-202, 1969 (Ger)
CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ *GLYCOSIDES, isolation & purification/ *PLANTS, analysis/ SPECTROPHOTOMETRY/ *STEROIDS, isolation & purification

3897. Stöckli A: Beitrag zur Behandlung der anovulatorischen Sterilität mit menopausalem Gonadotropin.
Gynaecologia (Basel) 167:439-42, 1969 (Ger)
ADULT/ *AMENORRHEA, drug therapy/ ESTRADIOL, urine/ ESTRIOL, urine/ FEMALE/ GONADOTROPINS, PITUITARY, administration & dosage/ *GONADOTROPINS, PITUITARY, therapeutic use/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ 17-KETOSTEROIDS, urine/ OVULATION, drug effects/ PREGNANCY/ PREGNANEDIOL, urine/ *STERILITY, FEMALE, drug therapy/ STERILITY, FEMALE, etiology/ STERILITY, FEMALE, urine

3898. Stoddard FJ: Case studies in reproduction and sexual adjustment. Med Clin N Amer 53:1019-38, Sep 69
ABORTION, MISSED/ ACCIDENTS, TRAFFIC/ ADHESIONS, complications/ ADULT/ *AMENORRHEA, chemically induced/ *CONTRACEPTIVES, ORAL, adverse effects/ CURETTAGE, adverse effects/ FEMALE/ *FETAL DEATH, etiology/ FETUS, injuries/ *HEART ARREST/ HUMAN/ INFANT, NEWBORN/ *INFANT, PREMATURE/ *INTESTINAL OBSTRUCTION, etiology/ MALE/ *PELVIS injuries/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ STERILITY/ *UTERUS, injuries

3899. Stoeckel ME, Porte A: Etude ultrastructurale des corps ultimobranchiaux du poulet. I. Aspect normal et développement embryonnaire.
Z Zellforsch 94:495-512, 1969 (Fre)
ANIMAL EXPERIMENTS/ CHICK EMBRYO/ *CHICKENS, anatomy & histology/ *HEMATOPOIETIC SYSTEM, cytology/ HORMONES, secretion/ MALE/ MICROSCOPY, ELECTRON/ PARATHYROID GLANDS, cytology

3900. Stojanović I, Spasojević L, Koturović L, et al: Naši rezultati lečenja gonatroze.
Reumatizam 16:65-9, 1969 (Cro)
ADULT/ AGED/ *ANALGESICS AND ANTIPYRETICS, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYDROCORTISONE, therapeutic use/ INJECTIONS, INTRA-ARTICULAR/ *KNEE JOINT/ MALE/ MIDDLE AGE/ OSTEOARTHRITIS, drug therapy/ *OSTEOARTHRITIS, therapy/ *PHYSICAL THERAPY

3901. Stokes GS: Studies of plasma renin activity in patients with hypertension.
Israel J Med Sci 5:598-604, Jul-Aug 69
ADRENALECTOMY/ BLOOD PRESSURE/ CONTRACEPTIVES, ORAL, adverse effects/ HUMAN/ HYPERALDOSTERONISM, blood/ HYPERKALEMIA, blood/ *HYPERTENSION, blood/ HYPERTENSION, surgery/ HYPOKALEMIA, complications/ PLASMA/ POTASSIUM, blood/ *RENIN, blood/ SPIRONOLACTONE, therapeutic use

3902. Stolbach LL, Krant MJ, Fishman WH: Ectopic production of an alkaline phosphatase isoenzyme in patients with cancer.
New Eng J Med 281:757-62, 2 Oct 69
ADENOCARCINOMA, enzymology/ ADENOCARCINOMA, PAPILLARY, enzymology/ *ALKALINE PHOSPHATASE, biosynthesis/ ALKALINE PHOSPHATASE, blood/ ANIMAL EXPERIMENTS/ BREAST NEOPLASMS, enzymology/ CARCINOMA, enzymology/ CARCINOMA, BRONCHOGENIC, enzymology/ CARCINOMA, EPIDERMOID, enzymology/ CARCINOMA, SCIRRHOUS, enzymology/ CERVIX NEOPLASMS, enzymology/ COLONIC NEOPLASMS, enzymology/ ELECTROPHORESIS/ EXUDATES AND TRANSUDATES, enzymology/ FEMALE/ GELS/ HISTOCYTOCHEMISTRY/ HODGKIN'S DISEASE, enzymology/ HUMAN/ IMMUNE SERUMS/ *ISOENZYMES, biosynthesis/ ISOENZYMES, blood/ LUNG NEOPLASMS, enzymology/ MULTIPLE MYELOMA, enzymology/ NEOPLASM METASTASIS/ *NEOPLASMS, enzymology/ OVARIAN NEOPLASMS, enzymology/ PLACENTA, enzymology/ PREGNANCY/ SARCOMA, RETICULUM CELL, enzymology/ STARCH/ UTERINE NEOPLASMS, enzymology

3903. Stolzenberg SJ, Eggert RG, Linkenheimer WH: Effect of oestradiol benzoate on corpora lutea in rats bearing pituitary autografts.
Acta Endocr (Kobenhavn) 60:184-98, Feb 69
ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ *CORPUS LUTEUM, drug effects/ CORPUS LUTEUM, physiology/ ESTRADIOL, administration & dosage/ *ESTRADIOL, pharmacodynamics/ FEMALE/ HYPOPHYSECTOMY/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ ORGAN WEIGHT/ OVARY, drug effects/ PITUITARY GLAND, drug effects/ *PITUITARY GLAND, physiology/ PITUITARY GLAND, transplantation/ RATS/ TRANSPLANTATION, AUTOLOGOUS/ UTERUS, drug effects/ VAGINAL SMEARS

3904. Storry JE, Sutton JD: The effect of change from low-roughage to high-roughage diets on rumen fermentation, blood composition and milk fat secretion in the cow. Brit J Nutr 23:511-21, Aug 69
ACETIC ACIDS, analysis/ ACETIC ACIDS, blood/ ANIMAL EXPERIMENTS/ CATTLE/ DIET/ *DIET/ *FATTY ACIDS, analysis/ *FATTY ACIDS, blood/ FEMALE/

FERMENTATION/ HYDROGEN-ION CONCENTRATION/ HYDROXYBUTYRATES, blood/ LACTATES, analysis/ *LACTATION/ LINOLEIC ACID, analysis/ *MILK, analysis/ OLEIC ACID, analysis/ PREGNANCY/ PROPIONATES, analysis/ RUMEN, analysis/ *RUMEN, metabolism/ TRIGLYCERIDES, blood/ VALERATES, analysis

3905. **Storti E, Traldi A, Tosatti E, et al:** Synovectomy, a new approach to haemophilic arthropathy.
Acta Haemat (Basel) 41:193-205, 1969
ADOLESCENCE/ ANKLE JOINT, surgery/ ANTIFIBRINOLYTIC AGENTS, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ CORTISONE, therapeutic use/ HEMARTHROSIS, drug therapy/ *HEMARTHROSIS, surgery/ HEMORRHAGE/ HUMAN/ KNEE JOINT, surgery/ *SYNOVIAL MEMBRANE, surgery

3906. **Stoupel N, Monseu G, Pardoe A, et al:** Encephalitis with myoclonus in Whipple's disease.
J Neurol Neurosurg Psychiat 32:338-43, Aug 69
AGED/ AMYGDALOID BODY, pathology/ ANEMIA, complications/ BRAIN STEM, pathology/ EMACIATION, complications/ *ENCEPHALITIS, complications/ FEMALE/ HUMAN/ HYPOTHALAMUS, pathology/ LIMBIC SYSTEM, pathology/ *LIPODYSTROPHY, INTESTINAL, complications/ *MYOCLONUS, complications/ OCULOMOTOR PARALYSIS, complications/ RETICULAR FORMATION, pathology/ SPINAL CORD, pathology/ TRIGEMINAL NEURALGIA, complications

3907. **Strat C, Russu G, Stanciu C, et al:** Acetatul de dezoxicorticosteron in tratamentul ulcerului gastro-duodenal.
Rev Medicochir Iasi 73:15-8, Jan-Mar 69 (Rum)
ADULT/ *DESOXYCORTICOSTERONE, administration & dosage/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PEPTIC ULCER, drug therapy

3908. **Straub DG, Lucas LA, McMahon NJ, et al:** Apparent reversal of X-condensation mechanism in tumors of the female. Cancer Res 29:1233-43, Jun 69
ADENOCARCINOMA, enzymology/ *ADENOCARCINOMA, familial & genetic/ ADENOCARCINOMA, pathology/ ANIMAL EXPERIMENTS/ COLONIC NEOPLASMS, enzymology/ COLONIC NEOPLASMS, familial & genetic/ COLONIC NEOPLASMS, pathology/ CYTOGENETICS/ FEMALE/ GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ KARYOTYPING/ MAMMALS/ MESONEPHROMA, enzymology/ *MESONEPHROMA, familial & genetic/ MESONEPHROMA, pathology/ NEOPLASMS, enzymology/ *NEOPLASMS, familial & genetic/ NEOPLASMS, pathology/ *SEX CHROMATIN/ *SEX CHROMOSOMES/ SEX FACTORS/ TISSUE CULTURE

3909. **Straub M:** Determination of enzymatically produced adenosine 3',5'-monophosphate.
Biochim Biophys Acta 184:649-50, 2 Sep 69
*ADENINE NUCLEOTIDES, analysis/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, analysis/ ADENOSINE TRIPHOSPHATE/ ADENYL CYCLASE/ ANIMAL EXPERIMENTS/ *BRAIN, enzymology/ CARBON ISOTOPES/ CHEMISTRY/ CHROMATOGRAPHY, PAPER/ DOGS/ ELECTROPHORESIS/ *ENZYMES/ METHODS/ RADIOAUTOGRAPHY/ TRITIUM/ ULTRAVIOLET RAYS

3910. **Strauch G, Modigliani E, Luton JP, et al:** Partial somatotrophin insufficiency in Cushing's syndrome.
Acta Endocr (Kobenhavn) 60:121-9, Jan 69
ADULT/ ARGININE, blood/ ARGININE, diagnostic use/ *CUSHING'S SYNDROME, blood/ CUSHING'S SYNDROME, physiopathology/ FEMALE/ GLUCOSE TOLERANCE TEST/ HUMAN/ HYPOGLYCEMIA, chemically induced/ MALE/ MIDDLE AGE/ *PITUITARY HORMONE RELEASING FACTORS/ RADIOIMMUNOASSAY/ SOMATOTROPIN, antagonists & inhibitors/ *SOMATOTROPIN, blood/ SOMATOTROPIN, secretion/ TOLBUTAMIDE, diagnostic use

3911. **Strauer BE, Reploh HD, Cott L, et al:** Koronar- und allgemeine Kreislaufwirkungen von Octapressin (Phenylalanin-Lysin-Vasopressin) am intakten, narkotisierten Hund.
Aerztl Forsch 23:227-35, 10 Jul 69 (Ger)
ANIMAL EXPERIMENTS/ ARTERIES/ BLOOD PRESSURE, drug effects/ CARDIAC OUTPUT, drug effects/ CARDIAC VOLUME, drug effects/ CARDIOVASCULAR SYSTEM, physiology/ *CORONARY VESSELS, drug effects/ CORONARY VESSELS, physiology/ DOGS/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ *HEART, drug effects/ HEART CATHETERIZATION/ HEART RATE, drug effects/ INJECTIONS, INTRAVENOUS/ *LYSINE, pharmacodynamics/ OXYGEN CONSUMPTION, drug effects/ *PHENYLALANINE, pharmacodynamics/ *REGIONAL BLOOD FLOW, drug effects/ VASCULAR RESISTANCE, drug effects/ *VASOCONSTRICTOR AGENTS, pharmacodynamics/ *VASOPRESSIN, pharmacodynamics

3912. **Streeten DH, Schletter FE, Clift GV, et al:** Studies of the renin-angiotensin-aldosterone system in patients with hypertension and in normal subjects.
Amer J Med 46:844-61, Jun 69
*ALDOSTERONE, physiology/ ALDOSTERONE, urine/ ANGIOTENSIN, pharmacodynamics/ *ANGIOTENSIN, physiology/ BLOOD UREA NITROGEN/ BODY WEIGHT/ CREATININE, blood/ CREATININE, urine/ DIET/ DIET, SALT-FREE/ HUMAN/ HYPERALDOSTERONISM, physiopathology/ *HYPERTENSION, physiopathology/ HYPERTENSION, RENAL, physiopathology/ PLASMA VOLUME/ POSTURE/ RENAL ARTERY OBSTRUCTION, physiopathology/ *RENIN, physiology/ SODIUM, blood/ *SODIUM, pharmacodynamics/ SODIUM, urine

3913. **Streeten DH, Stevenson CT, Dalakos TG, et al:** The diagnosis of hypercortisolism. Biochemical criteria differentiating patients from lean and obese normal subjects and from females on oral contraceptives.
J Clin Endocr 29:1191-211, Sep 69
ADOLESCENCE/ *ADRENAL GLAND HYPERFUNCTION, diagnosis/ ADRENAL GLANDS, drug effects/ ADULT/ AGED/ CARBON ISOTOPES/ CHEMISTRY, CLINICAL/ CHILD/ CREATININE, urine/ CUSHING'S SYNDROME, blood/ CUSHING'S SYNDROME, urine/ DEXAMETHASONE, diagnostic use/ FEMALE/ HUMAN/ *HYDROCORTISONE, secretion/ HYDROCORTISONE, urine/ *17-HYDROXYCORTICOSTEROIDS, blood/ *17-HYDROXYCORTICOSTEROIDS, urine/ MIDDLE AGE/ NORETHYNODREL, pharmacodynamics/ *OBESITY, physiopathology/ PARAPLEGIA, urine/ PITUITARY-ADRENAL FUNCTION TESTS/ SECRETORY RATE

3914. **Strehlow CD, Kneip TJ:** The distribution of lead and zinc in the human skeleton.
Amer Industr Hyg Ass J 30:372-8, Jul-Aug 69
ADOLESCENCE/ ADULT/ AGE FACTORS/ *BONE AND BONES, analysis/ CHILD/ HUMAN/ *LEAD, analysis/ MALE/ MATHEMATICS/ MIDDLE AGE/ SPECTROPHOTOMETRY/ *TOOTH, analysis/ *ZINC, analysis

3915. **Strickland AL, French FS:** Absence of response to dihydrotestosterone in the syndrome of testicular feminization. J Clin Endocr 29:1284-6, Sep 69
ADULT/ ANDROSTANES, biosynthesis/ CASTRATION/ CITRATES, urine/ FEMALE/ HUMAN/ HYDROXYSTEROID DEHYDROGENASE, metabolism/ NITROGEN, urine/ PHOSPHORUS, urine/ *SEX DIFFERENTIATION DISORDERS, metabolism/

*STANOLONE, pharmacodynamics/ STANOLONE, therapeutic use/ STEROLS, biosynthesis/ TESTICULAR FEMINIZATION, drug therapy/ TESTICULAR FEMINIZATION, metabolism/ TESTOSTERONE, metabolism/ *TESTOSTERONE, pharmacodynamics/ TESTOSTERONE, therapeutic use

3916. **Stroev' EA, Ukhov IuI:** O metabolizme miokarda pri alloksanovom diabete i ego sochetaniiakh s tiroksinovym toksikozom ili hipotireozom. Kardiologiia 9:134-8, Jun 69 **(Rus)**
*ALLOXAN DIABETES, metabolism/ ANIMAL EXPERIMENTS/ CITRATES, analysis/ CITRATES, metabolism/ COENZYME A, metabolism/ ENGLISH ABSTRACT/ HISTOCYTOCHEMISTRY/ *HYPERTHYROIDISM, metabolism/ *HYPOTHYROIDISM, metabolism/ LACTATE DEHYDROGENASE, metabolism/ MALATE DEHYDROGENASE, metabolism/ METHODS/ MYOCARDIUM, analysis/ MYOCARDIUM, enzymology/ *MYOCARDIUM, metabolism/ PYRUVATES, analysis/ PYRUVATES, metabolism/ RATS/ RIBOFLAVIN, analysis/ RIBOFLAVIN, metabolism/ SUCCINATE DEHYDROGENASE, metabolism/ THIAMINE, analysis/ THIAMINE, metabolism/ THYROIDECTOMY

3917. **Stroev EA, Ikhov IuI:** Metabolizm miokarda pri éksperimental'nom tiroksinovom toksikoze i posle tireoidéktomii. Kardiologiia 8:130-4, Nov 68 **(Rus)**
ANIMAL EXPERIMENTS/ CITRATES, analysis/ COENZYME A, analysis/ ENGLISH ABSTRACT/ GLYCOLYSIS/ HISTOCYTOCHEMISTRY/ *HYPERTHYROIDISM, metabolism/ KREBS CYCLE/ MALE/ METHODS/ MYOCARDIUM, analysis/ MYOCARDIUM, enzymology/ *MYOCARDIUM, metabolism/ OXIDOREDUCTASES, analysis/ PYRUVATES, analysis/ RATS/ RIBOFLAVIN, analysis/ THIAMINE, analysis/ *THYROIDECTOMY/ *THYROXINE, poisoning

3918. **Strokovskii S:** K voprosu o dizostozakh u detei. Pediatriia 48:80-2, Jun 69 **(Rus)**
ADOLESCENCE/ *BONE AND BONES, abnormalities/ *BONE DISEASES, familial & genetic/ CHILD/ FEMALE/ HUMAN/ MALE

3919. **Strott CA, Yoshimi T, Ross GT, et al:** Ovarian physiology: relationship between plasma LH and steroidogenesis by the follicle and corpus luteum; effect of HCG. J Clin Endocr 29:1157-67, Sep 69
ADULT/ CORPUS LUTEUM, metabolism/ FEMALE/ *GONADOTROPINS, CHORIONIC, pharmacodynamics/ GONADOTROPINS, CHORIONIC, physiology/ HUMAN/ HYDROXYPROGESTERONE, biosynthesis/ *HYDROXYPROGESTERONE, blood/ *LH, blood/ *MENSTRUATION/ METABOLIC CLEARANCE RATE/ OVARY, drug effects/ *OVARY, physiology/ OVULATION/ *PROGESTERONE, blood/ STERILITY, FEMALE, etiology/ STIMULATION, CHEMICAL

3920. **Strukov AI, Kop'eva TN:** Dermatomiozit. Arkh Pat 30:3-12, 1968 (43 ref.) **(Rus)**
ADOLESCENCE/ ADRENAL GLANDS, pathology/ ADULT/ AUTOIMMUNE DISEASES/ CENTRAL NERVOUS SYSTEM, pathology/ CHILD/ CHILD, PRESCHOOL/ CONNECTIVE TISSUE, pathology/ *DERMATOMYOSITIS/ DERMATOMYOSITIS, drug therapy/ DERMATOMYOSITIS, etiology/ DERMATOMYOSITIS, immunology/ DERMATOMYOSITIS, pathology/ FEMALE/ HISTOCYTOCHEMISTRY/ HUMAN/ MALE/ MIDDLE AGE/ MUSCLES, pathology/ MYOCARDIUM, pathology/ NEOPLASMS, complications/ NEOPLASMS, immunology/ REVIEW/ SKIN, pathology/ SPINAL CORD, pathology/ STEROIDS, therapeutic use/ THYMUS GLAND, pathology/ THYROID GLAND, pathology

3921. **Stuart BO:** Long-term studies of inhaled 144Ce-144Pro2 in beagles. BNWL-714.
US AEC Battelle Northwest 3.27-3+, May 68
AEROSOLS/ ANIMAL EXPERIMENTS/ BONE AND BONES, analysis/ CESIUM ISOTOPES, analysis/ *CESIUM ISOTOPES, metabolism/ FROGS/ LIVER, analysis/ LUNG, analysis/ PRASEODYMIUM, analysis/ *PRASEODYMIUM, metabolism/ *RADIATION INJURY, EXPERIMENTAL, metabolism/ TIME FACTORS

3922. **Stuart BO:** Inhalation studies with promethium oxide in beagle dogs. BNWL-714.
US AEC Battelle Northwest 3.29-3+, May 68
AEROSOLS/ ANIMAL EXPERIMENTS/ BONE AND BONES, analysis/ *BONE AND BONES, metabolism/ DOGS/ LIVER, analysis/ *LIVER, metabolism/ LUNG, analysis/ *LUNG, metabolism/ OXIDES/ PROMETHIUM, analysis/ *PROMETHIUM, metabolism/ TIME FACTORS

3923. **Studer H:** Augensymptome bei Schilddrüsenerkrankungen.
Ther Umsch 26:355-7, Jun 69 **(Ger)**
*EYE MANIFESTATIONS/ *GOITER, EXOPHTHALMIC/ HUMAN/ *HYPERTHYROIDISM/ HYPOTHYROIDISM

3924. **Sturm G:** Lokale fibrinolytische Blutungen bei orthopädischen Operationen.
Beitr Orthop Trauma 15:437-44, Aug 68 **(Ger)**
*ANTIFIBRINOLYTIC AGENTS, therapeutic use/ BLOOD PLATELETS, analysis/ BONE AND BONES, surgery/ FIBRINOGEN, analysis/ *FIBRINOLYSIS/ *HEMORRHAGE, etiology/ ORTHOPEDICS/ *POSTOPERATIVE COMPLICATIONS, blood

3925. **Sturm G, Heilinger J:** Untersuchungen zur fibrinolytischen Aktivität menschlicher Gewebe.
Z Orthop 105:492-7, Jan 69 **(Ger)**
BONE AND BONES/ CARTILAGE/ *FIBRINOLYSIS/ HUMAN/ MUSCLES/ *MUSCULOSKELETAL SYSTEM, physiology/ POSTOPERATIVE COMPLICATIONS/ SYNOVIAL MEMBRANE

3926. **Stylos WA, Rose NR:** Splitting of human thyroglobulin. II. Enzymatic digestion.
Clin Exp Immun 5:285-97, Sep 69
ANIMAL EXPERIMENTS/ ANTIBODIES/ ANTIBODY FORMATION/ *ANTIGENS, analysis/ AUTOANTIBODIES/ CHYMOTRYPSIN/ FREUND'S ADJUVANT/ GEL FILTRATION/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ IMMUNOELECTROPHORESIS/ PAPAIN/ PEPSIN/ RABBITS/ *THYROGLOBULIN, analysis/ THYROIDITIS, immunology/ TRYPSIN

3927. **Su C:** A superfused and transmurally stimulated artery preparation. Proc West Pharmacol Soc 11:143-4, 1968
ANIMAL EXPERIMENTS/ *ARTERIES, physiology/ BRETYLIUM COMPOUNDS, pharmacodynamics/ ELECTRIC STIMULATION/ GUANETHIDINE, pharmacodynamics/ IN VITRO/ METHODS/ *MUSCLE CONTRACTION, drug effects/ *MUSCLE, SMOOTH, drug effects/ NOREPINEPHRINE, metabolism/ NOREPINEPHRINE, pharmacodynamics/ PHENOXYBENZAMINE, pharmacodynamics/ RABBITS/ SEROTONIN, pharmacodynamics/ TETRODOTOXIN, pharmacodynamics/ TRITIUM

3928. **Suchowsky GK, Pegrassi L, Bonsignori A, et al:** Some pharmacological properties of 4H-3-methylcarboxamide 1,3-benzoxazine-2-one (FI 6654). Europ J Pharmacol 6:327-32, 1969
ACETYLCHOLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ANTIDEPRESSIVE AGENTS, pharmacodynamics/ AROUSAL, drug effects/ ATROPINE, pharmacodynamics/ BARIUM, pharmacodynamics/ CONVULSIONS, chemically induced/ DUODENUM, drug effects/ ELECTROENCEPHALOGRAPHY/ GUINEA PIGS/ HISTAMINE, pharmacodynamics/ ILEUM, drug effects/ IMIPRAMINE, pharmacodynamics/ IN VITRO/ MALE/ MICE/ *MUSCLE CONTRACTION,

drug effects/ *MUSCLE, SMOOTH, drug effects/ NICOTINE/ *OXAZINES, pharmacodynamics/ PAPAVERINE, pharmacodynamics/ PHYSOSTIGMINE, pharmacodynamics/ RABBITS/ RATS/ SEROTONIN, pharmacodynamics

3929. **Suda T, DeLuca HF, Schnoes HK, et al:** The isolation and identification of 25-hydroxyergocalciferol.
Biochemistry (Wash) 8:3515-20, Sep 69
ANIMAL EXPERIMENTS/ CHEMISTRY/ CHOLESTANES, blood/ CHOLESTANES, isolation & purification/ CHROMATOGRAPHY, GAS/ ERGOCALCIFEROL, blood/ ERGOCALCIFEROL, isolation & purification/ *ERGOCALCIFEROL, metabolism/ ERGOCALCIFEROL, therapeutic use/ ETHERS/ INJECTIONS, INTRAPERITONEAL/ METHODS/ NUCLEAR MAGNETIC RESONANCE/ RATS/ RICKETS, drug therapy/ SECOSTEROIDS, blood/ SECOSTEROIDS, isolation & purification/ SPECTROPHOTOMETRY/ SPECTRUM ANALYSIS/ *STEROLS, blood/ STEROLS, isolation & purification/ SWINE/ TRITIUM/ ULTRAVIOLET RAYS

3930. **Suematsu H:** [Studies on the regulation of thyroid hormone secretion, with special emphasis on the effect of acute reduction of thyroid hormones in the blood] Folia Endocr Jap 45:29-44, 20 Apr 69 (Jap)
ANIMAL EXPERIMENTS/ DINITROPHENOLS/ DOGS/ ENGLISH ABSTRACT/ FEEDBACK/ FEMALE/ HYPOPHYSECTOMY/ HYPOTHYROIDISM/ MICE/ PARABIOSIS/ PROTEIN-BOUND IODINE TEST/ THYROID HORMONES, blood/ *THYROID HORMONES, secretion/ THYROIDECTOMY/ *THYROTROPIN, secretion/ TIME FACTORS

3931. **Suematsu H, Matsuda K, Shizume K:** [Response of TSH liberation to decrease in the thyroid hormone level in the blood] Saishin Igaku 24:972-5, May 69 (Jap)
ANIMAL EXPERIMENTS/ BLOOD TRANSFUSION/ DOGS/ FEEDBACK/ HYPOPHYSECTOMY/ PROTEIN-BOUND IODINE TEST/ *THYROID HORMONES, blood/ THYROIDECTOMY/ *THYROTROPIN, secretion/ TIME FACTORS

3932. **Sueyoshi Y, Fukuo N, Ebina K:** Studies on esterifying activity of cholesterol-esterase.
Keio J Med 18:1-12, Mar 69
ADRENAL GLANDS, enzymology/ ANIMAL EXPERIMENTS/ ASCORBIC ACID, pharmacodynamics/ *CHOLESTEROL, metabolism/ DEPRESSION, CHEMICAL/ *ESTERASES, metabolism/ FATTY ACIDS, pharmacodynamics/ GUINEA PIGS/ INTESTINAL ABSORPTION/ INTESTINAL MUCOSA, enzymology/ LIPIDS, pharmacodynamics/ LIVER, enzymology/ PANCREAS, enzymology/ RATS

3933. **Sugawa T, Tamori C, Moriyama I, et al:** [Effect of salivary gland hormone on leukopenia, with special reference to patients with tumors of the cervix under radiotherapy]
Clin Endocr (Tokyo) 17:537-8, Jun 69 (Jap)
ADULT/ AGED/ *CERVIX NEOPLASMS, radiotherapy/ FEMALE/ *HORMONES, pharmacodynamics/ HUMAN/ LEUKOCYTE COUNT/ *LEUKOPENIA, prevention & control/ LIPOPROTEINS/ MIDDLE AGE/ *SALIVARY GLANDS

3934. **Sugihara H, Muto Y, Tsuchiyama H:** Neuro-Behçet's syndrome: report of two autopsy cases.
Acta Path Jap 19:95-101, Feb 69
ADRENAL CORTEX HORMONES, therapeutic use/ ADULT/ *BEHCET'S SYNDROME, pathology/ *BRAIN, pathology/ BRONCHOPNEUMONIA, complications/ CENTRAL NERVOUS SYSTEM DISEASES/ DEMYELINATION, complications/ HEMIPLEGIA, complications/ HUMAN/ ILEUM/ INTESTINAL DISEASES, surgery/ MALE/ MELENA, complications/ MENINGOENCEPHALITIS, complications/ MESENCEPHALON, pathology/ PANCREATITIS, complications/ PARAPLEGIA, complications/ PEPTIC ULCER PERFORATION, surgery/ PERITONITIS, etiology/ PONS, pathology/ POSTOPERATIVE COMPLICATIONS/ PYELONEPHRITIS, complications

3935. **Sugimoto T, Sumiya R, Imai T, et al:** [Observation on long-term treatment of 5 cases of Addison's disease]
Clin Endocr (Tokyo) 17:531-6, Jun 69 (Jap)
*ADDISON'S DISEASE, drug therapy/ ADULT/ CORTISONE, therapeutic use/ DESOXYCORTICOSTERONE, therapeutic use/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ HYDROCORTISONE, therapeutic use/ MALE/ MIDDLE AGE/ TIME FACTORS

3936. **Sugita H:** [Genetics of progressive muscle dystrophy]
Naika 23:670-7, Apr 69 (40 ref.) (Jap)
ADOLESCENCE/ ADULT/ ANIMAL EXPERIMENTS/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ MALE/ MICE/ MIDDLE AGE/ MOSAICISM/ MUSCULAR DYSTROPHY, classification/ *MUSCULAR DYSTROPHY, familial & genetic/ PEDIGREE/ REVIEW/ SEX CHROMOSOMES/ SEX FACTORS

3937. **Sugita Y, Shimoda SI, Shichijo K:** Recovery of thyroid hormone biosynthesis after a single injection of methylthiouracil as judged by thyroidal radioiodine uptake, thyroidal protein-bound iodine, thyroidal radioiodinated amino acids and thyroglobulin in the rat. Endocr Jap 16:21-8, Feb 69
AMINO ACIDS/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, PAPER/ DIIODOTYROSINE/ INJECTIONS, INTRAPERITONEAL/ IODINE ISOTOPES, blood/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ *METHYLTHIOURACIL, pharmacodynamics/ PROTEIN-BOUND IODINE TEST/ PROTEINS, analysis/ RADIOAUTOGRAPHY/ RATS/ THYROGLOBULIN/ THYROID GLAND, metabolism/ *THYROID HORMONES, biosynthesis/ THYROXINE/ TIME FACTORS/ TRIIODOTHYRONINE/ ULTRACENTRIFUGATION

3938. **Sugiyama S, Kito J, Yokota S:** On the problem of the development of the parafollicular cells from the human ultimobranchial body in prenatal life.
Okajima Folia Anat Jap 46:59-63, Apr 69
FETUS/ HUMAN/ THYROID GLAND, cytology/ *THYROID GLAND, embryology

3939. **Sukhanov AA:** Rol' narusheniĭ sosudistoĭ pronitsaemosti i lipidnogo obmena v vosproizvedenii beskholesterinovogo ateroskleroza u sobak.
Kardiologiia 9:119-23, Apr 69 (Rus)
ANIMAL EXPERIMENTS/ AORTA, pathology/ ARTERIES, pathology/ ARTERIOSCLEROSIS, chemically induced/ *ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, pathology/ BISHYDROXYCOUMARIN, pharmacodynamics/ *CAPILLARY PERMEABILITY/ CHOLESTEROL, blood/ CORONARY VESSELS, pathology/ DOGS/ ENGLISH ABSTRACT/ *LIPIDS, metabolism/ LIPOPROTEINS, blood/ METHODS/ METHYLTHIOURACIL, pharmacodynamics

3940. **Sulek K:** Rok 1966 nagroda dla Francis Peyton Rousa za odkrycie rakotwórczych wirusów i dla Charles Huginsa za zastosowanie hormonów w leczeniu nowotworow. Wiad Lek 22:1161-2, 15 Jun 69 (Pol)
CURRENT BIOG-OBIT/ ESTROGENS, history/ ESTROGENS, therapeutic use/ HISTORICAL ARTICLE/ HISTORICAL BIOGRAPHY/ HISTORY OF MEDICINE, 20TH CENT./ NEOPLASMS, drug therapy/ *NOBEL PRIZE, history/ ONCOGENIC VIRUSES/ UNITED STATES

3941. **Sulser F, Owens ML, Strada SJ, et al:** Modification by desipramine (DMI) of the availability of norepinephrine released by reserpine in the hypothalamus of the rat in vivo.
J Pharmacol Exp Ther 168:272-82, Aug 69
ANIMAL EXPERIMENTS/ BRAIN, metabolism/

BRAIN CHEMISTRY/ BRAIN STEM, analysis/ BRAIN STEM, metabolism/ CARBON ISOTOPES/ *DESIPRAMINE, pharmacodynamics/ HYPOTHALAMUS, analysis/ *HYPOTHALAMUS, metabolism/ MALE/ MEMBRANES, metabolism/ NOREPINEPHRINE, administration & dosage/ NOREPINEPHRINE, analysis/ *NOREPINEPHRINE, metabolism/ NORMETANEPHRINE, analysis/ RATS/ RECEPTORS, NEURAL, drug effects/ RECEPTORS, NEURAL, metabolism/ *RESERPINE, pharmacodynamics/ TRITIUM/ UREA, metabolism

3942. **Summitt RL**: Turner syndrome and Noonan's syndrome. J Pediat 75:730-1, Oct 69
HEART DEFECTS, CONGENITAL, complications/ HUMAN/ HYPOGONADISM, complications/ KARYOTYPING/ MALE/ PHENOTYPE/ *SEX CHROMOSOMES/ *TURNER'S SYNDROME, familial & genetic

3943. **Sundsfjord JA**: Renal production of agiotensin II. Lancet 2:807, 11 Oct 69
ADULT/ ALDOSTERONE, blood/ *ANGIOTENSIN, biosynthesis/ ANGIOTENSIN, blood/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ *KIDNEY, metabolism/ MALE/ MIDDLE AGE/ RADIOIMMUNOASSAY/ RENAL ARTERY/ RENAL VEINS

3944. **Surin V**: Die Versuchsosteoporose der Fersenbeines. Z Orthop 106:373-9, May 69 (Ger)
ACHILLES TENDON, surgery/ ANIMAL EXPERIMENTS/ BONE REGENERATION/ BONE RESORPTION/ *CALCANEUS, physiopathology/ CALCANEUS, radiography/ ENGLISH ABSTRACT/ FLUORESCENCE/ IMMOBILIZATION/ METHODS/ MICRORADIOGRAPHY/ OSTEOPOROSIS, etiology/ *OSTEOPOROSIS, physiopathology/ RABBITS/ SCIATIC NERVE, surgery/ TETRACYCLINE/ ULTRAVIOLET RAYS

3945. **Surkovich SV, Doletskiĭ SIa, Dul'tsin MS, et al**: Timéktomiia i rentgenovskoe obluchenie zobnoĭ zhelezy u deteĭ s ostrym leĭkozom v periode remissii. Pediatriia 48:30-4, May 69 (Rus)
ACUTE DISEASE/ ADOLESCENCE/ CHILD/ CHILD, PRESCHOOL/ HUMAN/ LEUKEMIA, radiotherapy/ *LEUKEMIA, therapy/ MALE/ *THYMUS GLAND, surgery/ *THYROID GLAND, radiation effects

3946. **Surks MI, Shapiro HC**: Preparation of high specific activity nonphenolic-ring 125-I- and 14C-labeled thyroxine. J Clin Endocr 29:1263-5, Sep 69
CARBON ISOTOPES/ CHROMATOGRAPHY, ION EXCHANGE/ *DIIODOTYROSINE/ HYDROXIDES/ IODINE ISOTOPES/ PHENYLPYRUVIC ACID/ *THYROXINE, chem synthesis

3947. **Surowiak J**: Quantitative changes of acid phosphatase in the hypothalamus, pituitary, adrenals, and thyroid of mice (Mus musculus L.) exposed to large, single doses of UV or x-rays, taking into account the circadian rhythm. Folia Biol (Krakow) 17:105-40, 1969
*ACID PHOSPHATASE, metabolism/ ADRENAL GLANDS, enzymology/ ANIMAL EXPERIMENTS/ CIRCADIAN RHYTHM/ FEMALE/ HYPOTHALAMUS, enzymology/ MALE/ MICE/ PITUITARY GLAND, enzymology/ PITUITARY GLAND, POSTERIOR, enzymology/ *RADIATION EFFECTS/ SEX FACTORS/ THYROID GLAND, enzymology/ ULTRAVIOLET RAYS

3948. **Süss W, Hanke H**: Uber die Dispergierung suspendierter Festostoffe durch Ultraschall. Pharmazie 24:211-20, Apr 69 (Ger)
ACETATES/ ALUMINUM SILICATES/ BISMUTH/ CALCIUM CARBONATE/ CARBONATES/ *CHEMISTRY, PHYSICAL/ DENSITOMETRY/ MICROSCOPY/ OXIDES/ PREDNISOLONE/ PREDNISONE/ SALICYLATES/ SOLVENTS/ SULFATHIAZOLES/ SULFIDES/ SULFUR/ SURFACE-ACTIVE AGENTS, administration & dosage/ SUSPENSIONS/ TALC, administration & dosage/ TIME FACTORS/ TITANIUM/ *ULTRASONICS/ VISCOSITY/ ZINC

3949. **Suter ER**: The fine structure of brown adipose tissue. 3. The effect of cold exposure and its mediation in newborn rats. Lab Invest 21:259-68, Sep 69
ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, physiology/ ADENYL CYCLASE, physiology/ *ADIPOSE TISSUE, cytology/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ *BODY TEMPERATURE REGULATION/ BROWN FAT, analysis/ BROWN FAT, cytology/ BROWN FAT, drug effects/ *COLD/ GLYCOGEN, analysis/ LIPIDS, analysis/ LYSOSOMES/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ NOREPINEPHRINE, pharmacodynamics/ RATS/ SYMPATHOLYTICS, pharmacodynamics/ THEOPHYLLINE, pharmacodynamics

3950. **Sutton JR, Young JD, Lazarus L, et al**: The hormonal response to physical exercise.
Aust Ann Med 18:84-90, May 69 (48 ref.)
ADULT/ BLOOD SUGAR, analysis/ *EXERTION/ FATTY ACIDS, NONESTERIFIED, blood/ GLUCAGON, blood/ HUMAN/ HYDROCORTISONE, blood/ INJECTIONS, INTRAVENOUS/ INSULIN, blood/ LACTATES, administration & dosage/ LH, blood/ MALE/ *PHYSICAL FITNESS/ REVIEW/ SOMATOTROPIN, blood/ *SOMATOTROPIN, secretion

3951. **Suzuki C, Shibata A, Onodera S, et al**: [Case suspected to be thrombotic thrombocytopenic purpura]
Jap J Clin Med 27:1295-300, Apr 69 (Jap)
BLOOD TRANSFUSION/ CHILD/ FEMALE/ HUMAN/ PREDNISOLONE, therapeutic use/ *PURPURA, THROMBOTIC THROMBOPENIC, diagnosis/ PURPURA, THROMBOTIC THROMBOPENIC, therapy

3952. **Suzuki H**: [Hashimoto's disease]
Clin Endocr (Tokyo) 17:457-61, May 69 (24 ref.) (Jap)
ADULT/ AGE FACTORS/ AGED/ ANTIGENS/ AUTOANTIBODIES, analysis/ FEMALE/ HUMAN/ IODINE ISOTOPES/ MALE/ MIDDLE AGE/ MYXEDEMA, complications/ PROTEIN-BOUND IODINE TEST/ REVIEW/ SEX FACTORS/ *THYROIDITIS, LYMPHOMATOUS/ THYROIDITIS, LYMPHOMATOUS, pathology/ THYROIDITIS, LYMPHOMATOUS, therapy

3953. **Suzuki H, Iino S, Oda T**: [Determination of serum alkaline phosphatase isoenzyme and its clinical significance] Naika 24:43-51, Jul 69 (35 ref.) (Jap)
*ALKALINE PHOSPHATASE, blood/ ANIMAL EXPERIMENTS/ BONE NEOPLASMS, enzymology/ CHEMISTRY/ ELECTROPHORESIS/ ENZYME TESTS/ FEMALE/ HUMAN/ INTESTINES, enzymology/ *ISOENZYMES, blood/ LIVER, enzymology/ LIVER DISEASES, enzymology/ LIVER NEOPLASMS, enzymology/ PLACENTA, enzymology/ PREGNANCY/ REVIEW

3954. **Suzuki H, Osawa M, Endo H**: Effect of hydrocortisone on HeLa cells with special reference to the RNA metabolism. Endocr Jap 16:121-7, Feb 69
ACID PHOSPHATASE, metabolism/ ALKALINE PHOSPHATASE, metabolism/ CHROMATOGRAPHY/ DNA, biosynthesis/ GLUCURONIDASE, metabolism/ *HELA CELLS, drug effects/ HELA CELLS, enzymology/ HUMAN/ HYDROCORTISONE, antagonists & inhibitors/ *HYDROCORTISONE, pharmacodynamics/ PHOSPHORUS ISOTOPES/ RNA, biosynthesis/ *RNA, metabolism/ SERUM ALBUMIN, BOVINE/ STIMULATION, CHEMICAL/ TIME FACTORS

3955. **Suzuki M, Mitropoulos KA, Myant NB**: The effect of thyroxine on the distribution of cholesterol in rat liver cells. Biochim Biophys Acta 184:455-8, 30 Jul 69
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ *CHOLESTEROL, metabolism/ ENDOPLASMIC RETICULUM, metabolism/

LIVER, cytology/ LIVER, drug effects/ *LIVER, metabolism/ *MICROSOMES, metabolism/ *MITOCHONDRIA, LIVER, metabolism/ RATS/ SOLUBILITY/ STIMULATION, CHEMICAL/ *THYROXINE, pharmacodynamics/ TIME FACTORS

3956. **Suzuki T, Abiko Y, Funaki T:** [Effects of prostaglandin E1 on the cardiovascular system]
Folia Pharmacol Jap 65:1-6, 20 Mar 69 **(Jap)**
ALCOHOL, ETHYL, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ DEPRESSION, CHEMICAL/ DOGS/ ELECTROCARDIOGRAPHY/ ENGLISH ABSTRACT/ HEART, drug effects/ HEART RATE, drug effects/ *HEMODYNAMICS, drug effects/ INJECTIONS, INTRAVENOUS/ MUSCLE CONTRACTION, drug effects/ *PROSTAGLANDINS, pharmacodynamics/ RESPIRATION, drug effects

3957. **Suzuki Y, Uchino J, Igarashi Y, et al:** [Clinical aspects of hypothalamic diseases in childhood]
Advances Neurol Sci (Tokyo) 12:987-99, Dec 68 **(Jap)**
ADOLESCENCE/ *BRAIN DISEASES/ *BRAIN NEOPLASMS/ CHILD/ CHILD, PRESCHOOL/ CRANIOPHARYNGIOMA/ DIABETES INSIPIDUS, etiology/ FEMALE/ HORMONES, metabolism/ HUMAN/ *HYPOTHALAMUS/ INFANT/ MALE/ OBESITY, etiology/ PINEALOMA/ POLYURIA, etiology

3958. **Sveshnikov AA, Koroleva LV:** K mekhanizmu tormozheniia vospalitel'noĭ reaktsii pri narkoze.
Pat Fiziol Eksp Ter 11:74-6, Mar-Apr 67 **(Rus)**
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ *ANESTHESIA, INHALATION/ ANIMAL EXPERIMENTS/ ETHYL ETHER/ *INFLAMMATION, etiology/ MALE/ RATS/ *XYLENE

3959. **Sviatkina OB, Kandror VI:** Obnovlenie RNK miokarda krolikov v dinamike éksperimental'nogo tireotoksikoza.
Probl Endokr (Moskva) 15:83-7, Mar-Apr 69 **(Rus)**
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *HYPERTHYROIDISM, metabolism/ MYOCARDIUM, analysis/ *MYOCARDIUM, metabolism/ PHOSPHORUS ISOTOPES/ RABBITS/ RNA, analysis/ *RNA, biosynthesis

3960. **Sviderskaia TA, Goncharova VA:** Fenolftaleinfosfatnyĭ metod opredeleniia aktivnosti shchelochnoĭ fosfatazy v tkaniakh.
Lab Delo 1:57, 1969 **(Rus)**
*ALKALINE PHOSPHATASE, analysis/ ANIMAL EXPERIMENTS/ BONE AND BONES, enzymology/ COLORIMETRY/ *INDICATORS AND REAGENTS/ INTESTINE, SMALL, enzymology/ KIDNEY, enzymology/ LIVER, enzymology/ METHODS/ MYOCARDIUM, enzymology/ *PHENOLPHTHALEINS/ RATS/ SPLEEN, enzymology

3961. **Sweetnam R:** Corticosteroid arthropathy and tendon rupture.
J Bone Joint Surg [Brit] 51:397-8, Aug 69
ANIMAL EXPERIMENTS/ CARTILAGE, ARTICULAR, drug effects/ HUMAN/ *HYDROCORTISONE, adverse effects/ INJECTIONS, INTRA-ARTICULAR/ *JOINT DISEASES, chemically induced/ OSTEOARTHRITIS, drug therapy/ RABBITS/ RUPTURE, chemically induced/ *TENDON INJURY, chemically induced/ TENDON INJURY, drug therapy

3962. **Swiętochowski A, Podwiński A:** Ocena wyników operacji wnętrostwa sposobem Petrivalsky'ego-Shoemackera.
Pol Przegl Chir 41:Suppl 4a:525+, 1969 **(Pol)**
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ *CRYPTORCHISM, surgery/ ENGLISH ABSTRACT/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ RETROSPECTIVE STUDIES

3963. **Sycheva IM, Vinogradov AV, Kuz'mina AE, et al:** Raspredelenie zhidkosti mezhdu kletkami i vekletochnoĭ sredoĭ i mineralokortikoidnaia funktsiia nadpochenchnikov pri serdechnoĭ nedostatochnosti.
Kardiologiia 9:19-25, Jun 69 **(Rus)**
*ADRENAL GLANDS, secretion/ ADULT/ *ALDOSTERONE, secretion/ ALDOSTERONE, urine/ ANTIPYRINE, diagnostic use/ *BODY FLUIDS/ CHROMATOGRAPHY, PAPER/ CORONARY DISEASE, complications/ ENGLISH ABSTRACT/ *EXTRACELLULAR SPACE/ FEMALE/ HEART FAILURE, CONGESTIVE, metabolism/ *HEART FAILURE, CONGESTIVE, physiopathology/ HEART FAILURE, CONGESTIVE, urine/ HUMAN/ INDICATOR DILUTION TECHNICS/ MALE/ METHODS/ MIDDLE AGE/ RHEUMATIC HEART DISEASE, complications/ SPIRONOLACTONE, pharmacodynamics/ SPIRONOLACTONE, therapeutic use/ THIOSULFATES, diagnostic use/ WATER-ELECTROLYTE BALANCE/ WATER-ELECTROLYTE BALANCE, drug effects

3964. **Sylvester ES:** Evidence of transovarial passage of the sowthistle yellow vein virus in the aphid Hyperomyzus lactucae.
Virology 38:440-6, Jul 69
ANIMAL EXPERIMENTS/ *INSECT VECTORS/ *INSECTS/ MICROBIOLOGY/ OVARY, microbiology/ *PLANT VIRUSES

3965. **Symonds HW:** The effect of thyroidectomy and thyroparathyroidectomy on the accretion of phosphorus into the skeleton of young goats.
Res Vet Sci 10:218-21, Mar 69
ANIMAL EXPERIMENTS/ *BONE AND BONES, metabolism/ CALCIUM, blood/ GOATS/ MALE/ *PARATHYROID GLANDS, physiology/ PARATHYROID GLANDS, surgery/ PHOSPHORUS, blood/ *PHOSPHORUS, metabolism/ PHOSPHORUS ISOTOPES/ *THYROID GLAND, physiology/ THYROIDECTOMY

3966. **Synovets AS:** Vliianie épinefréktomii i vvedeniia dezoksikortikosterona na techenie éksperimental'noĭ kishechnoĭ neprokhodimosti.
Klin Khir (Kiev) 2:40-2, Feb 68 **(Rus)**
*ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *DESOXYCORTICOSTERONE, pharmacodynamics/ *ELECTROLYTES, metabolism/ FEMALE/ *INTESTINAL OBSTRUCTION/ MALE/ RATS

3967. **Syrkin AB, Plotnikov NP, Zaĭtseva LA, et al:** Farmakologicheskie svoĭstva antibiotika, vydelennogo iz Aspergillus fumigatus.
Antibiotiki 14:522-5, Jun 69 **(Rus)**
ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ ANTIBIOTICS, ANTINEOPLASTIC, administration & dosage/ ANTIBIOTICS, ANTINEOPLASTIC, isolation & purification/ *ANTIBIOTICS, ANTINEOPLASTIC, pharmacodynamics/ *ANTIBIOTICS, ANTINEOPLASTIC, toxicity/ ASPERGILLUS, analysis/ BEHAVIOR, ANIMAL, drug effects/ BLOOD PRESSURE, drug effects/ BODY TEMPERATURE, drug effects/ CARDIOVASCULAR SYSTEM, drug effects/ DEPRESSION, CHEMICAL/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ HEART, drug effects/ HEMORRHAGE, chemically induced/ HYPEREMIA, chemically induced/ INFLAMMATION, chemically induced/ INJECTIONS, INTRAMUSCULAR/ INJECTIONS, INTRAPERITONEAL/ INJECTIONS, INTRAVENOUS/ INTESTINAL MUCOSA, drug effects/ KIDNEY, drug effects/ KIDNEY FUNCTION TESTS/ KIDNEY TUBULES, drug effects/ LIVER, drug effects/ LIVER FUNCTION TESTS/ LUNG, drug effects/ MICE/ NECROSIS, chemically induced/ PENTOBARBITAL, pharmacodynamics/ RABBITS/ RATS/ RESPIRATION, drug effects/ STIMULATION, CHEMICAL

3968. **Syrnikov NG, Spitsyna OB:** Vnutrigrudnaia operatsiia u bol'noĭ s nadpochechnikovoĭ nedostatochnost'iu.
Grudn Khir 9:109, Sep-Oct 67 **(Rus)**
*ADRENAL GLAND HYPOFUNCTION, complications/ ADULT/ CASE REPORT/ FEMALE/ *HEART ARREST, etiology/

HUMAN/ *MEDIASTINAL CYST, surgery/ *PERICARDIUM

3969. **Szafarz D, Yamamoto RS, Weisburger JH:** Hormonal control of serum albumin synthesis.
Proc Soc Exp Biol Med 131:1250-2, Sep 69
ANIMAL EXPERIMENTS/ BLOOD PROTEIN ELECTROPHORESIS/ ENDOPLASMIC RETICULUM, drug effects/ LIVER, cytology/ LIVER, drug effects/ *LIVER, metabolism/ MALE/ MICROSOMES/ NEOPLASM TRANSPLANTATION/ NEOPLASMS, EXPERIMENTAL/ ORGAN WEIGHT/ *PITUITARY HORMONES, ANTERIOR, physiology/ *PITUITARY NEOPLASMS/ PLASMA VOLUME/ RATS/ RIBOSOMES, metabolism/ RNA, analysis/ RNA, biosynthesis/ SERUM ALBUMIN, analysis/ *SERUM ALBUMIN, biosynthesis/ STIMULATION, CHEMICAL/ TRICHLOROACETIC ACID

3970. **Szamatowicz M:** Diagnostyka i wnioski terapeutyczne w przypadkach nadmiernego owl'osienia u kobiet.
Ginek Pol 40:659-67, Jun 69 (Pol)
ADRENOGENITAL SYNDROME, diagnosis/ ADULT/ ANDROSTERONE, urine/ CUSHING'S SYNDROME, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ FEMALE/ *HIRSUTISM, diagnosis/ *HIRSUTISM, therapy/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ 17-KETOSTEROIDS, urine/ PREGNANETRIOL, urine/ STEIN-LEVENTHAL SYNDROME, diagnosis

3971. **Szamatowicz M:** Wydalanie frakcji 17-ketosterydów u dziewcząt przed okresem pokwitania.
Ginek Pol 40:541-7, May 69 (Pol)
ANDROSTERONE, urine/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *17-KETOSTEROIDS, urine/ *PUBERTY

3972. **Szántó L:** Sekundäre subakute TYREOIDITIS.
Z Ges Inn Med 24:Suppl:103-5, 1 Apr 69 (Ger)
GLUCOCORTICOIDS, therapeutic use/ HUMAN/ *RESPIRATORY TRACT INFECTIONS, complications/ THYROIDITIS, blood/ THYROIDITIS, drug therapy/ *THYROIDITIS, etiology/ THYROXINE, blood/ THYROXINE-BINDING PROTEIN

3973. **Szczepski O, Goncerzewicz M, Walczak M, et al:** W sprawie zespołu Turnera.
Endokr Pol 20:279-88, 1969 (Pol)
ENGLISH ABSTRACT/ FEMALE/ HUMAN/ KARYOTYPING/ MALE/ *NOMENCLATURE/ PHENOTYPE/ *TURNER'S SYNDROME/ TURNER'S SYNDROME, classification

3974. **Szczepski O, Walczak M, Chmielowa M, et al:** Postępowanie diagnostyczne i problem wyboru płci u dzieci z obojnaczymi narządami płciowymi.
Endokr Pol 20:289-94, 1969 (Pol)
CHILD/ ENGLISH ABSTRACT/ FEMALE/ HERMAPHRODITISM, diagnosis/ HUMAN/ MALE/ *SEX DETERMINATION/ *SEX DIFFERENTIATION DISORDERS

3975. **Szepesi B, Freedland RA:** A possible method for estimating hormone effects on enzyme synthesis.
Arch Biochem 133:60-9, Aug 69
ALANINE AMINOTRANSFERASE, biosynthesis/ ANIMAL EXPERIMENTS/ ASPARTATE AMINOTRANSFERASE, biosynthesis/ CASEIN/ DIETARY CARBOHYDRATES/ DIETARY PROTEINS/ *ENZYMES, biosynthesis/ GLUCOSE/ GLUCOSEPHOSPHATE DEHYDROGENASE, biosynthesis/ GLYCOGEN, metabolism/ *HORMONES, physiology/ *HYDROCORTISONE, pharmacodynamics/ LIVER, anatomy & histology/ LIVER, drug effects/ LIVER, enzymology/ MALE/ METHODS/ RATS/ SERINE DEHYDRATASE, biosynthesis

3976. **Szewczuk A, Mastalerz P, Nadwyczawski W:** A simple method for the determination of 5-vinyloxazolidine-2-thione in rapeseed meal.
Canad J Biochem 47:817-8, Aug 69
ALKENES/ AZIDES/ CHEMISTRY/ COMPARATIVE STUDY/ CONDUCTOMETRY/ IODINE/ METHODS/ *OXAZOLES, analysis/ *PLANTS, analysis/ SEEDS, analysis/ SPECTROPHOTOMETRY/ SULFUR/ THYROID GLAND, drug effects

3977. **Szijj I, Kovács K:** Einfluss von Fibrinolyse-Inhibitoren auf die durch Hexadimethrinbromid verursachten Gewebsveränderungen.
Folia Haemat (Leipzig) 91:487-95, 1969 (Ger)
ADRENAL GLANDS, pathology/ *AMINES, pharmacodynamics/ *AMINOCAPROIC ACID, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ANTIFIBRINOLYTIC AGENTS, pharmacodynamics/ BENZOATES, pharmacodynamics/ DRUG SYNERGISM/ ENGLISH ABSTRACT/ *KIDNEY, drug effects/ KIDNEY, pathology/ NECROSIS/ *PITUITARY GLAND, drug effects/ PITUITARY GLAND, pathology/ RATS

3978. **Szłązak W, Dipont T:** Leczenie chorych na raka jajnika 5-fluorouracylem. Ginek Pol 40:929-33, Aug 69 (Pol)
ENGLISH ABSTRACT/ FEMALE/ *FLUOROURACIL, therapeutic use/ HUMAN/ *OVARIAN NEOPLASMS, drug therapy/ OVARIAN NEOPLASMS, mortality

3979. **Sznapka Z, Bogacki W, Bożek P, et al:** Mięsak tarczycy.
Nowotwory 19:125-7, Apr-Jun 69 (Pol)
AGED/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *SARCOMA/ *THYROID NEOPLASMS

T

3980. **Tabei R, Spector S, Louis WJ, et al:** Antihypertensive and noradrenaline-depleting effects of alpha-methyl-5-hydroxytryptophan in the rat.
Europ J Pharmacol 7:39-44, Jul 69
ANIMAL EXPERIMENTS/ *BLOOD PRESSURE, drug effects/ BRAIN STEM, metabolism/ FEMALE/ HYDRAZINES, pharmacodynamics/ HYDROXYTRYPTOPHAN, administration & dosage/ *HYDROXYTRYPTOPHAN, pharmacodynamics/ HYDROXYTRYPTOPHAN, therapeutic use/ HYPERTENSION, drug therapy/ *METHYLTYROSINES, pharmacodynamics/ MYOCARDIUM, metabolism/ *NOREPINEPHRINE, metabolism/ RATS/ SEROTONIN, metabolism/ SPLEEN, metabolism

3981. **Tachezy R:** Pseudohermaphroditism and physical efficiency. J Sports Med 9:119-22, Jun 69
ADULT/ FEMALE/ *HERMAPHRODITISM/ HUMAN/ MALE/ MIDDLE AGE/ *PHYSICAL FITNESS/ *SPORT MEDICINE

3982. **Tachibana T, Matsuoka M, Oi T:** [Case of thyroid crisis developing after cesarean section]
Naika 23:987-91, May 69 (Jap)
ADULT/ *CESAREAN SECTION/ FEMALE/ HUMAN/ *POSTOPERATIVE COMPLICATIONS/ PREGNANCY/ *THYROID CRISIS

3983. **Tafintsev BF:** Vliianie operatsionnoĭ travmy na obmen vitaminov B1 i B2 u bol'nykh zobom.
Vestn Khir Grekov 99:55-7, Sep 67 (Rus)
ADOLESCENCE/ ADULT/ AGED/ AVITAMINOSIS, complications/ FEMALE/ GOITER, complications/ GOITER, metabolism/ *GOITER, surgery/ GOITER, urine/ HUMAN/ MALE/ MIDDLE AGE/ POSTOPERATIVE CARE/ PREOPERATIVE CARE/ RIBOFLAVIN, metabolism/ RIBOFLAVIN, therapeutic use/ RIBOFLAVIN, urine/ *THIAMINE, metabolism/ THIAMINE, therapeutic use/ THIAMINE, urine

3984. **Taguchi N:** [New chemotherapy of malignant tumors in pediatrics]
Jap J Clin Med 27:1602-9, Jun 69 (38 ref.) (Jap)
ADRENAL CORTEX HORMONES, therapeutic use/ *ANTINEOPLASTIC AGENTS, therapeutic use/ CHILD/ EYE NEOPLASMS, drug therapy/ HUMAN/ LEUKEMIA, drug

therapy/ LIVER NEOPLASMS, drug therapy/ LYMPHOMA, drug therapy/ *NEOPLASMS, drug therapy/ NEPHROBLASTOMA, drug therapy/ NEUROBLASTOMA, drug therapy/ OSTEOMA, drug therapy/ RETINOBLASTOMA, drug therapy/ REVIEW/ RHABDOMYOSARCOMA, drug therapy

3985. Tait GR, Barfuss DW, Ellis LC: Pineal gland, melatonin synthesis, and testicular development in the rat. Life Sci 8:717-25, 1 Jul 69
AGE FACTORS/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ BODY WEIGHT/ DARKNESS/ EYE, growth & development/ FEMALE/ MALE/ *MELATONIN, biosynthesis/ ORGAN WEIGHT/ PINEAL BODY, anatomy & histology/ *PINEAL BODY, metabolism/ PREGNANCY/ RATS/ *TESTIS, growth & development/ UTERUS, physiology

3986. Takahara J: [Feedback mechanism of ACTH secretion] Jap J Clin Med 27:1389-91, May 69 (Jap)
*CORTICOTROPIN, secretion/ *FEEDBACK/ HUMAN/ STRESS, metabolism

3987. Takahashi M, Suzuki Y: The dependency of the rat estrous cycle on the daily alternation of light and dark. Endocr Jap 16:87-102, Feb 69
ANIMAL EXPERIMENTS/ *DARKNESS/ EPITHELIUM/ *ESTRUS/ FEMALE/ LEUKOCYTES/ *LIGHT/ OVULATION/ PREGNANCY/ RATS/ TIME FACTORS/ VAGINAL SMEARS

3988. Takahashi R: [Catecholamine metabolism and depression]
Advances Neurol Sci (Tokyo) 12:870-3, Dec 68 (Jap)
ADULT/ AGED/ *CATECHOLAMINES, metabolism/ *DEPRESSION, metabolism/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PERIODICITY/ THYRONINE, urine/ TYROSINE, blood/ *TYROSINE, metabolism/ VITAMINS, pharmacodynamics

3989. Takahashi S: [Clinicopathological studies of latent carcinoma of thyroid]
Folia Endocr Jap 45:65-76, 20 Apr 69 (Jap)
*ADENOCARCINOMA, pathology/ *ADENOCARCINOMA, PAPILLARY, pathology/ ADULT/ AGE FACTORS/ AGED/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ NEOPLASMS, MULTIPLE PRIMARY/ SEX FACTORS/ THYROID NEOPLASMS, occurrence/ *THYROID NEOPLASMS, pathology

3990. Takahashi T, Yamamoto R: [Studies on the stability of vitamin D2 powder preparations. II. Relationship between surface acidity of excipients and isomerization of vitamin D2. (2)]
J Pharm Soc Jap 89:914-8, Jul 69 (Jap)
ACIDS/ CHEMISTRY, PHARMACEUTICAL/ CHROMATOGRAPHY/ *DRUG STABILITY/ ENGLISH ABSTRACT/ *ERGOCALCIFEROL/ HUMIDITY/ HYDROGEN-ION CONCENTRATION/ PHARMACEUTIC AIDS/ POWDERS/ ULTRAVIOLET RAYS

3991. Takahashi T, Yamamoto R: [Studies on the stability of vitamin D2 powder preparations. IV. Isomerization of vitamin D2 and related compounds catalyzed by surface acid on excipients, and active site for catalytic reactions] J Pharm Soc Jap 89:925-32, Jul 69 (Jap)
ACIDS/ CATALYSIS/ CHEMISTRY, PHARMACEUTICAL/ *DRUG STABILITY/ ENGLISH ABSTRACT/ *ERGOCALCIFEROL/ PHARMACEUTIC AIDS/ POWDERS/ SPECTROPHOTOMETRY

3992. Takahashi T, Yamamoto R: [Studies on the stability of vitamin D2 powder preparations. V. Separation and determination of vitamin D2 and its isomers]
J Pharm Soc Jap 89:933-7, Jul 69 (Jap)
CHROMATOGRAPHY/ COLORIMETRY/ *DRUG STABILITY/ ENGLISH ABSTRACT/ *ERGOCALCIFEROL, analysis/ POWDERS

3993. Takahashi T, Yamamoto R: [Studies on the stability of vitamin D2 powder preparations. VI. Influence of some vitamins and acids on the isomerization of vitamin D2] J Pharm Soc Jap 89:938-42, Jul 69 (Jap)
*ACIDS/ ASCORBIC ACID/ CHEMISTRY, PHARMACEUTICAL/ CITRATES/ *DRUG STABILITY/ ENGLISH ABSTRACT/ *ERGOCALCIFEROL/ FOLIC ACID/ HUMIDITY/ PHOSPHORIC ACIDS/ POWDERS/ PYRIDOXINE/ THIAMINE/ *VITAMINS

3994. Takahashi T, Yamamoto R: [Studies on the stability of vitamin D2 powder preparations. VII. Prevention of vitamin D2 isomerization catalyzed by surface acid on solids] J Pharm Soc Jap 89:943-6, Jul 69 (Jap)
ACIDS/ AMINO ALCOHOLS/ CATALYSIS/ CHEMISTRY, PHARMACEUTICAL/ *DRUG STABILITY/ ENGLISH ABSTRACT/ *ERGOCALCIFEROL/ PHARMACEUTIC AIDS/ POLYMERS/ POWDERS

3995. Takahashi T, Yamamoto R: [Studies on the stability of vitamin D2 powder preparations. 3. Structure of a new isomer of vitamin D2]
J Pharm Soc Jap 89:919-24, Jul 69 (Jap)
CHEMISTRY, PHARMACEUTICAL/ CHROMATOGRAPHY/ *DRUG STABILITY/ ENGLISH ABSTRACT/ *ERGOCALCIFEROL/ INFRARED RAYS/ MODELS, STRUCTURAL/ POWDERS/ SPECTRUM ANALYSIS/ ULTRAVIOLET RAYS

3996. Takahashi T, Yamamoto R: [Studies on the stability of vitamin D2 powder preparations. I. Relationship between surface acidity of excipients and isomerization of vitamin D2. (1)]
J Pharm Soc Jap 89:909-13, Jul 69 (Jap)
AMINES, pharmacodynamics/ CHEMISTRY, PHARMACEUTICAL/ CHROMATOGRAPHY/ *DRUG STABILITY/ ENGLISH ABSTRACT/ *ERGOCALCIFEROL/ HYDROGEN-ION CONCENTRATION/ PHARMACEUTIC AIDS/ POWDERS/ TEMPERATURE

3997. Takahisa F: [Erythropoietin secreting tumor]
Jap J Clin Med 27:1718-9, Jun 69 (Jap)
*ERYTHROPOIETIN, secretion/ *HORMONES, ECTOPIC, secretion/ HUMAN/ *NEOPLASMS, metabolism

3998. Takaishi K, Torii Y: [Studies on the decoction of chinese medicines. I. On the interaction of some chemicals with starch in aqueous solution]
J Pharm Soc Jap 89:538-43, Apr 69 (Jap)
CHEMISTRY/ IODINE/ *MEDICINE, ORIENTAL/ PHENOLS/ RUTIN/ SOLUBILITY/ SOLUTIONS/ *STARCH

3999. Takakusaki I: Fine structure of the human palperbral conjunctiva with special reference to the pathological changes in vernal conjunctivitis.
Arch Histol Jap 30:247-82, Apr 69
CAPILLARIES, pathology/ CONJUNCTIVA, blood supply/ CONJUNCTIVA, cytology/ CONJUNCTIVA, innervation/ *CONJUNCTIVA, pathology/ CONJUNCTIVITIS, drug therapy/ *CONJUNCTIVITIS, pathology/ EOSINOPHILS/ EPITHELIUM, pathology/ EXTRACELLULAR SPACE/ HISTIOCYTES/ HUMAN/ HYDROCORTISONE, therapeutic use/ MAST CELLS/ MICROSCOPY, ELECTRON/ NEUTROPHILS/ PLASMA CELLS/ SEASONS

4000. Takaoka Y, Usa T, Izumi M: [Brain diseases with hypernatremia]
Jap J Clin Med 27:1227-30, Apr 69 (Jap)
ADULT/ *BRAIN DISEASES, complications/ *DIABETES INSIPIDUS, complications/ FEMALE/ HUMAN/ *HYPERNATREMIA, complications/ MALE

4001. Takatsu T, Oumi K: [Key points in the etiology and therapy of leukemia in children]
Saishin Igaku 24:805-15, Apr 69 (Jap)
ADOLESCENCE/ ADRENAL CORTEX HORMONES, therapeutic use/ ANTIGENS, analysis/ ANTINEOPLASTIC AGENTS, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INFANT/ *LEUKEMIA, drug therapy/ *LEUKEMIA, etiology/ LEUKEMIA, immunology/ MALE/ VINCRISTINE, therapeutic use

4002. **Takebe K, Kunita H, Horiuchi Y:** [Feedback mechanism of ACTH secretion]
Jap J Clin Med 27:1379-89, May 69 **(Jap)**
ADRENAL CORTEX HORMONES, blood/ ANIMAL EXPERIMENTS/ CIRCADIAN RHYTHM/ *CORTICOTROPIN, secretion/ CORTICOTROPIN RELEASING FACTOR/ DACTINOMYCIN, pharmacodynamics/ DEXAMETHASONE, pharmacodynamics/ *FEEDBACK/ HUMAN/ HYDROCORTISONE, blood/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, secretion/ *PITUITARY-ADRENAL SYSTEM/ RATS/ STIMULATION, CHEMICAL/ STRESS, metabolism

4003. **Takei H, Asaka A, Kurihara T:** [2 cases of triplo-X with epileptic seizure]
Brain Nerve (Tokyo) 21:523-32, May 69 **(Jap)**
CEREBRAL HEMORRHAGE, complications/ CHORIORETINITIS, complications/ ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ *EPILEPSY, complications/ EPILEPSY, familial & genetic/ FEMALE/ HUMAN/ INTELLIGENCE TESTS/ KARYOTYPING/ MENTAL RETARDATION, complications/ MIDDLE AGE/ PSYCHOSES, complications/ RORSCHACH TEST/ SCHIZOPHRENIA, complications/ *SEX CHROMOSOME ABNORMALITIES, complications/ TUBERCULOSIS, LYMPH NODE, complications

4004. **Takemoto J:** [Studies on fibrinolytic enzymes in the field of obstetrics and gynecology, especially tissue activator]
J Kumamoto Med Soc 43:332-59, 25 Apr 69 **(Jap)**
ANIMAL EXPERIMENTS/ CATTLE/ DOGS/ ESTROGENS, pharmacodynamics/ FEMALE/ FIBRINOLYSIS/ *FIBRINOLYTIC AGENTS/ HUMAN/ PLASMINOGEN, metabolism/ RABBITS/ *UTERUS, enzymology/ UTERUS, surgery

4005. **Takeuchi H:** [Clinical study of bone metastases of prostatic tumor]
Orthop Surg (Tokyo) 20:397-405, Mar 69 **(Jap)**
*BONE NEOPLASMS/ ESTROGENS, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ PHOSPHATASES, blood/ *PROSTATIC NEOPLASMS/ PROSTATIC NEOPLASMS, diagnosis/ PROSTATIC NEOPLASMS, therapy

4006. **Takhchi KG, Zadoiannyi VV:** Primenenie steroidnykh gormonov pri tiazhelom gemorragicheskom sindrome u bol'nogo leikozom i diabetom.
Vrach Delo 10:128-30, Oct 67 **(Rus)**
AGED/ CASE REPORT/ *DIABETES MELLITUS, complications/ *HEMORRHAGE, GASTROINTESTINAL/ *HEMORRHAGIC DIATHESIS, drug therapy/ HUMAN/ *LEUKEMIA, LYMPHOCYTIC, complications/ MALE/ *PREDNISOLONE, therapeutic use/ THROMBOPENIA, complications

4007. **Talanti S:** Effect of excess L-thyroxine on the hypothalamus of thyroidectomized rat.
Ann Med Exp Biol Fenn 46:132-6, 1968
ANIMAL EXPERIMENTS/ BLOOD PROTEINS, analysis/ BODY WEIGHT/ HISTOLOGICAL TECHNICS/ HYPOTHALAMUS, cytology/ *HYPOTHALAMUS, drug effects/ IODINE, blood/ IODINE ISOTOPES/ KARYOMETRY/ MALE/ METHODS/ *NEUROSECRETION, drug effects/ PHOTOMETRY/ PITUITARY GLAND, POSTERIOR, cytology/ PITUITARY GLAND, POSTERIOR, metabolism/ PROTEIN BINDING/ RATS/ *THYROIDECTOMY/ *THYROXINE, pharmacodynamics

4008. **Talbert JR, Sherry JB:** Adenocarcinoma-like lesion of cervix--a "pill-induced" problem?
Amer J Obstet Gynec 105:117-20, 1 Sep 69
*ADENOCARCINOMA, chemically induced/ ADENOCARCINOMA, diagnosis/ ADENOCARCINOMA, pathology/ ADULT/ CARCINOMA, EPIDERMOID, diagnosis/ CARCINOMA, EPIDERMOID, pathology/ *CERVIX NEOPLASMS, chemically induced/ CERVIX NEOPLASMS, diagnosis/ CERVIX NEOPLASMS, pathology/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ HYPERPLASIA, diagnosis

4009. **Talbert LM, Easterling WE Jr, Roberson WE:** Urinary estriol in the management of complicated pregnancies. Southern Med J 62:1090-2, Sep 69
*ESTRIOL, urine/ FEMALE/ FETAL DEATH, urine/ GESTATIONAL AGE/ HUMAN/ HYPERTENSION, urine/ PREGNANCY/ *PREGNANCY COMPLICATIONS, urine/ PREGNANCY COMPLICATIONS, CARDIOVASCULAR, urine/ PREGNANCY IN DIABETES, urine

4010. **Taleisnik S, Caligaris L, Astrada JJ:** Sex difference in the release of luteinizing hormone evoked by progesterone. J Endocr 44:313-21, Jul 69
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ CASTRATION/ ESTRADIOL, administration & dosage/ FEEDBACK/ FEMALE/ LH, blood/ *LH, secretion/ MALE/ *PROGESTERONE, pharmacodynamics/ RATS/ *SEX FACTORS/ STERILIZATION, SEXUAL/ TESTOSTERONE, administration & dosage/ TIME FACTORS

4011. **Täljedal IB:** Presence, induction and possible role of glucose 6-phosphatase in mammalian pancreatic islets. Biochem J 114:387-94, Sep 69
ANIMAL EXPERIMENTS/ CENTRIFUGATION/ CORTISONE, antagonists & inhibitors/ CORTISONE, pharmacodynamics/ *ENZYME INDUCTION/ ETHIONINE, pharmacodynamics/ FEMALE/ GLUCOSE, pharmacodynamics/ GLUCOSEPHOSPHATASE, analysis/ *GLUCOSEPHOSPHATASE, metabolism/ GLYCEROPHOSPHATES, metabolism/ GUINEA PIGS/ HAMSTERS/ HYDROGEN-ION CONCENTRATION/ HYPERGLYCEMIA, metabolism/ INSULIN, secretion/ *ISLANDS OF LANGERHANS, enzymology/ KINETICS/ MALE/ MICE/ MICROSOMES, metabolism/ OBESITY, metabolism/ PUROMYCIN, pharmacodynamics/ SPECIES SPECIFICITY

4012. **Tallgren LG, Knorring J von:** Renal vascular involvement in a case of polymyalgia rheumatica with temporal arteritis. A study of successive biopsies.
Acta Med Scand 185:421-5, May 69
AGED/ BIOPSY/ BLOOD PROTEIN ELECTROPHORESIS/ BLOOD SEDIMENTATION/ FEMALE/ GAMMA GLOBULIN, analysis/ HUMAN/ KIDNEY, pathology/ *KIDNEY DISEASES, etiology/ *POLYMYALGIA RHEUMATICA, complications/ PREDNISONE, therapeutic use/ TEMPORAL ARTERIES, pathology/ *TEMPORAL ARTERITIS, complications/ TEMPORAL ARTERITIS, drug therapy

4013. **Tam WH, Phillips JG, Lofts B:** Seasonal changes in the in vitro production of testicular androgens by the cobra (Naja naja Linn).
Gen Comp Endocr 13:117-25, Aug 69
ALDOSTERONE, isolation & purification/ *ANDROSTANES, biosynthesis/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CHROMATOGRAPHY, THIN LAYER/ CRYSTALLIZATION/ DESOXYCORTICOSTERONE, isolation & purification/ IN VITRO/ *17-KETOSTEROIDS, biosynthesis/ LEYDIG CELLS, metabolism/ ORGAN WEIGHT/ *PROGESTERONE, metabolism/ *SEASONS/ *SNAKES, metabolism/ *TESTIS, metabolism/ *TESTOSTERONE, biosynthesis

4014. **Tamada T, Tsukui Y, Matsumoto S, et al:** On diluent and dilution method in hemagglutination inhibition test for human chorionic gonadotropin.
Endocr Jap 16:399-402, Jun 69
*GONADOTROPINS, CHORIONIC, analysis/ *HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ IMMUNE SERUMS/ *INDICATOR DILUTION TECHNICS/ *INDICATORS AND REAGENTS/ METHODS/ PHOSPHATES/ PROTEINS, analysis/ SERUM ALBUMIN, BOVINE, analysis/ URINE

4015. **Tamaki N: Zur Klinik, Morphologie und Behandling der Tumoren der Pinealisregion.**
Kobe J Med Sci 14:293-326, Dec 68 (Ger)
ADOLESCENCE/ ADULT/ *BRAIN NEOPLASMS, pathology/ BRAIN NEOPLASMS, radiography/ *BRAIN NEOPLASMS, therapy/ CHILD/ FEMALE/ HUMAN/ MALE/ *PINEAL BODY

4016. **Tamaoki BI: A comparative study of steroid biosyntheses in vitro. In clear cell adenoma and its adjacent tissue of human adrenal gland.**
Endocr Jap 16:47-54, Feb 69
*ADENOMA, metabolism/ *ADRENAL CORTEX HORMONES, biosynthesis/ *ADRENAL GLAND NEOPLASMS, metabolism/ *ADRENAL GLANDS, metabolism/ ADULT/ CARBON ISOTOPES/ CHROMATOGRAPHY, THIN LAYER/ CORTICOSTERONE, metabolism/ CUSHING'S SYNDROME, complications/ DEHYDROEPIANDROSTERONE, metabolism/ FEMALE/ HUMAN/ HYDROCORTISONE, biosynthesis/ HYDROXYPROGESTERONE, metabolism/ IN VITRO/ PREGNENOLONE, metabolism/ PROGESTERONE, metabolism/ *STEROIDS, biosynthesis/ STEROIDS, isolation & purification/ TESTOSTERONE, metabolism

4017. **Tamási G, Cseh G, Gráf L: Effects of porcine beta-lipotropic hormone on lipid metabolism.**
Experientia 25:360-1, 15 Apr 69
ADIPOSE TISSUE, drug effects/ *ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ FATTY ACIDS, NONESTERIFIED, blood/ IN VITRO/ KETONE BODIES, blood/ *LIPIDS, metabolism/ LIPOTROPIN, pharmacodynamics/ LIVER, metabolism/ MYOCARDIUM, metabolism/ *PITUITARY HORMONES, ANTERIOR, pharmacodynamics/ RABBITS/ RATS/ STIMULATION, CHEMICAL/ SWINE/ TRIGLYCERIDES, metabolism

4018. **Tamm J: Neuere klinische und experimentelle Aspekte der Androgene.**
Deutsch Med J 20:452-3, Jul 69 (Ger)
ANDROGENS, metabolism/ *ANDROGENS, physiology/ ENDOCRINE DISEASES, diagnosis/ ENDOCRINE DISEASES, metabolism/ *ENDOCRINE DISEASES, physiopathology/ FEMALE/ HUMAN/ MALE/ TESTOSTERONE, physiology

4019. **Tammisto T: Increased toxicity of 5-hydroxytryptamine by ethanol in rats and mice.**
Ann Med Exp Biol Fenn 46:382-4, 1968
*ALCOHOL, ETHYL, toxicity/ ANESTHESIA, GENERAL/ ANIMAL EXPERIMENTS/ DRUG SYNERGISM/ MICE/ PENTOBARBITAL, toxicity/ RATS/ *SEROTONIN, toxicity/ TIME FACTORS

4020. **Tamura K, Yoshimura T, Oshita K, et al: [Case of hyperthyroidism associated with periodic paralysis]**
Naika 23:779-82, Apr 69 (Jap)
ADULT/ HUMAN/ *HYPERTHYROIDISM, complications/ HYPERTHYROIDISM, drug therapy/ MALE/ *PARALYSIS, etiology/ *PERIODIC DISEASE, etiology/ PROPYLTHIOURACIL, therapeutic use

4021. **Tan KK: Multicentricity and management of well differentiated carcinoma in the thyroid.**
Singapore Med J 10:117-20, Jun 69
ADENOCARCINOMA, occurrence/ *ADENOCARCINOMA, surgery/ ADOLESCENCE/ ADULT/ CHILD/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ NEOPLASM RECURRENCE, LOCAL/ SINGAPORE/ THYROID NEOPLASMS, occurrence/ *THYROID NEOPLASMS, surgery/ THYROIDECTOMY

4022. **Tanabe Y, Ishii T, Tamaki Y: Comparison of thyroxine-binding plasma proteins of various vertebrates and their evolutionary aspects.**
Gen Comp Endocr 13:14-21, Aug 69
AMPHIBIA/ ANIMAL EXPERIMENTS/ BIRDS/ BLOOD PROTEIN ELECTROPHORESIS/ EVOLUTION/ FISHES/ IODINE ISOTOPES/ MAMMALS/ PHYSIOLOGY, COMPARATIVE/ RADIOAUTOGRAPHY/ REPTILES/ SPECIES SPECIFICITY/ THYROXINE, blood/ *THYROXINE-BINDING PROTEIN, analysis/ *VERTEBRATES

4023. **Tanaka O: Cortisone-induced nephropathy in young and adult rabbits.**
Acta Med Biol (Niigata) 17:9-22, Jun 69
AGE FACTORS/ ANIMAL EXPERIMENTS/ BLOOD PROTEINS, analysis/ BLOOD UREA NITROGEN/ BODY WEIGHT/ CALCIUM, blood/ CHOLESTEROL, blood/ *CORTISONE, adverse effects/ FATTY ACIDS, blood/ FEMALE/ GLYCOSURIA/ INJECTIONS, INTRAMUSCULAR/ KIDNEY, pathology/ *KIDNEY DISEASES, chemically induced/ MALE/ MICROSCOPY, ELECTRON/ PHOSPHOLIPIDS, blood/ PHOSPHORUS, blood/ PROTEINURIA/ RABBITS

4024. **Tanaka S: [Electron microscopic studies of the rabbit parathyroid gland. On the secretory activity of the chief cell]**
Folia Endocr Jap 45:335-8, 20 Jun 69 (Jap)
ANIMAL EXPERIMENTS/ CELL MEMBRANE/ CELL NUCLEUS/ EDTA, pharmacodynamics/ ENGLISH ABSTRACT/ GOLGI APPARATUS/ INJECTIONS, INTRAVENOUS/ MALE/ MICROSCOPY, ELECTRON/ *PARATHYROID GLANDS, cytology/ PARATHYROID GLANDS, secretion/ RABBITS

4025. **Tanaka Y: [Combined effect of HMG and HCG on ovulaton (statistical reports in Japan)]**
Sanfujin Jissai 18:314-9, Apr 69 (Jap)
*AMENORRHEA, drug therapy/ FEMALE/ *GONADOTROPINS, administration & dosage/ *GONADOTROPINS, CHORIONIC, administration & dosage/ HUMAN/ INJECTIONS/ JAPAN/ *OVULATION, drug effects/ PREGNANCY/ STATISTICS

4026. **Tanaka Y, Gore I: Arterial acid mucopolysaccharides following vitamin D induced injury.**
Kurume Med J 16:43-51, 1969
ANIMAL EXPERIMENTS/ *AORTA, analysis/ *AORTIC DISEASES, chemically induced/ *ERGOCALCIFEROL/ ERGOCALCIFEROL, analysis/ FEMALE/ HYDROXYPROLINE, analysis/ MALE/ MINERALS, analysis/ *MUCOPOLYSACCHARIDES, analysis/ RABBITS/ SEX FACTORS/ *VASCULAR DISEASES, chemically induced

4027. **Tanda H, Hikita M: [Studies on sex chromatin. Alteration in the frequency of sex chromatin induced by various exogenous hormones]**
Jap J Urol 60:427-32, May 69 (Jap)
ADULT/ AGED/ CHILD, PRESCHOOL/ CHROMOSOME ABERRATIONS/ CIRCADIAN RHYTHM/ *DEXAMETHASONE, pharmacodynamics/ ENGLISH ABSTRACT/ *ESTRADIOL, pharmacodynamics/ FEMALE/ HUMAN/ MALE/ PREGNANCY/ *PROGESTERONE, pharmacodynamics/ *SEX CHROMATIN, drug effects/ *TESTOSTERONE, pharmacodynamics

4028. **Tandon GS, Mehrotra BK, Shukla RC: Study of gastric secretion during lactation period in Indian women.**
J Indian Med Ass 52:500-2, 1 Jun 69
ADOLESCENCE/ ADULT/ CAUCASIAN RACE/ FEMALE/ *GASTRIC JUICE, secretion/ HUMAN/ INDIA/ *LACTATION/ PREGNANCY/ *STOMACH, secretion

4029. **Tangheroni W: Nipiofarmacologia degli ormoni, delle vitamine e degli enzimi. Introduzione.**
Minerva Nipiol 17:199-203, Nov-Dec 67 (Ita)
*ENZYMES, therapeutic use/ *HORMONES, therapeutic use/ HUMAN/ INFANT/ PEDIATRICS/ *VITAMINS, therapeutic use

4030. **Tao M, Lipmann F: Isolation of adenyl cyclase from Escherichia coli.**
Proc Nat Acad Sci USA 63:86-92, May 69
*ADENINE NUCLEOTIDES/ ADENYL CYCLASE, isolation & purification/ CHROMATOGRAPHY, THIN LAYER/ *ENZYMES, isolation & purification/

*ESCHERICHIA COLI, enzymology/ MAGNESIUM/ METHODS

4031. **Tapley N duV, Fletcher GH:** Radiation therapy with electron beam: current techniques.
Radiol Clin N Amer 7:301-17, Aug 69
BONE AND BONES, radiation effects/ BREAST NEOPLASMS, radiotherapy/ CARCINOMA, radiotherapy/ CONNECTIVE TISSUE, radiation effects/ *ELECTRONS/ FEMALE/ HUMAN/ LARYNGEAL NEOPLASMS, radiotherapy/ LYMPHOMA, radiotherapy/ MALE/ MOUTH, radiation effects/ MOUTH NEOPLASMS, radiotherapy/ MUSCLES, radiation effects/ NEOPLASM METASTASIS, radiotherapy/ NEOPLASM RECURRENCE, LOCAL, radiotherapy/ *NEOPLASMS, radiotherapy/ PHARYNGEAL NEOPLASMS, radiotherapy/ RADIATION PROTECTION/ *RADIOTHERAPY DOSAGE/ *RADIOTHERAPY, HIGH ENERGY/ RADIOTHERAPY, HIGH ENERGY, adverse effects/ RADIOTHERAPY, HIGH ENERGY, instrumentation/ RESPIRATORY SYSTEM, radiation effects/ SKIN, radiation effects/ THORAX

4032. **Tarakanov EI, Dashev G:** Ob immunogistokhimicheskoĭ differentsiatsii atsidofil'nykh kletok adenogipofiza.
Probl Endokr (Moskva) 13:100-1, May-Jun 67 (Rus)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *FLUORESCENT ANTIBODY TECHNIC/ MALE/ *PITUITARY GLAND, anatomy & histology/ RATS/ SOMATOTROPIN, analysis

4033. **Tarakanov EI, Kabolova ZA:** Gistologicheskie igistokhimicheskie izmeneniia timusa pri adrenaléktomii.
Probl Endokr (Moskva) 15:96-100, Jan-Feb 69 (Rus)
*ADRENAL GLANDS, physiology/ *ADRENALECTOMY/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ MALE/ ORGAN WEIGHT/ RATS/ *THYMUS GLAND, pathology/ TIME FACTORS

4034. **Tarasenkova NS:** Otoskleroz i fiziologicheskaia giperéstrogeniia.
Vestn Otorinolaring 29:52-6, Nov-Dec 67 (Rus)
ADULT/ ENGLISH ABSTRACT/ *ESTROGENS, physiology/ FEMALE/ HUMAN/ *MENSTRUATION/ MIDDLE AGE/ *OTOSCLEROSIS/ PREGNANCY/ *PREGNANCY COMPLICATIONS

4035. **Tarazi RC, Dustan HP, Frohlich ED:** Relation of plasma to interstitial fluid volume in essential hypertension.
Circulation 40:357-66, Sep 69
*BLOOD VOLUME/ BODY HEIGHT/ BROMINE/ EQUILIBRIUM/ *EXTRACELLULAR SPACE, analysis/ HEMATOCRIT/ HUMAN/ *HYPERTENSION, metabolism/ MALE/ MATHEMATICS/ PLASMA VOLUME/ RADIOISOTOPES/ *RENIN, blood/ SERUM ALBUMIN, RADIO-IODINATED/ TIME FACTORS

4036. **Tarkowska A:** Catapresan--nowy lek hipotensyjny.
Pol Tyg Lek 24:934-6, 16 Jun 69 (Pol)
ACROMEGALY, complications/ ADULT/ *ANTIHYPERTENSIVE AGENTS, therapeutic use/ CLINICAL RESEARCH/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERTENSION, drug therapy/ HYPERTENSION, RENAL, drug therapy/ *IMIDAZOLES, therapeutic use/ MALE/ MIDDLE AGE/ PYELONEPHRITIS, complications

4037. **Tarsoly E, Kiss A, Balogh B:** Knochen- und Knochenmarkregeneration bei rachitischen Tieren nach Knochenfrakturen.
Acta Chir Acad Sci Hung 10:1-11, 1969 (Ger)
ALKALINE PHOSPHATASE, blood/ ANIMAL EXPERIMENTS/ *BONE MARROW, physiopathology/ *BONE REGENERATION/ BONE REGENERATION, drug effects/ CALCIUM, administration & dosage/ ENGLISH ABSTRACT/ FEMORAL FRACTURES, physiopathology/ FEMUR, physiopathology/ *FRACTURES, physiopathology/ HEMATOCRIT/ MEGAKARYOCYTES/ RATS/ REGENERATION/ RICKETS, complications/ *RICKETS, physiopathology/ WOUND HEALING, drug effects

4038. **Taschdjian CL, Cuesta MB, Kozinn PJ, et al:** A modified antigen for serodiagnosis of systemic candidiasis.
Amer J Clin Path 52:468-72, Oct 69
*ANTIGENS/ AUTOIMMUNE DISEASES, complications/ ENDOCRINE DISEASES, complications/ FALSE POSITIVE REACTION/ *GEL DIFFUSION TESTS/ HUMAN/ IMMUNOELECTROPHORESIS/ MONILIASIS, complications/ *MONILIASIS, diagnosis/ MONILIASIS, immunology

4039. **Tateno M:** [Study on the etiological factors in neonatal jaundice and chemotherapy]
Sanfujin Jissai 18:545-57, Jun 69 (Jap)
ABO FACTORS/ BILIRUBIN, blood/ BLOOD GROUP INCOMPATIBILITY, complications/ BLOOD SUGAR, analysis/ COENZYME A, therapeutic use/ CORTICOTROPIN, therapeutic use/ GLUTATHIONE, therapeutic use/ HUMAN/ HYPERBILIRUBINEMIA, drug therapy/ INFANT, NEWBORN/ *JAUNDICE, NEONATAL, drug therapy/ *JAUNDICE, NEONATAL, etiology/ VITAMIN K, therapeutic use

4040. **Tatra G, Nissel W:** Zur Frage der östrogenen Wirksamkeit von Herzglykosiden.
Wien Med Wschr 119:460-3, 14 Jun 69 (Ger)
AGED/ ANIMAL EXPERIMENTS/ *CARDIAC GLYCOSIDES, pharmacodynamics/ DIGITOXIN, pharmacodynamics/ DIGOXIN, pharmacodynamics/ EPITHELIUM, cytology/ EPITHELIUM, drug effects/ ESTROGENS, pharmacodynamics/ FEMALE/ HUMAN/ LANATOSIDES, pharmacodynamics/ MENOPAUSE/ MICE/ MIDDLE AGE/ STROPHANTHIN, pharmacodynamics/ VAGINA, cytology/ *VAGINA, drug effects/ VAGINAL SMEARS

4041. **Tatsumi A:** [Histochemical study on lactic dehydrogenase of the seminal vesicles]
Acta Urol Jap 15:428-46, Jun 69 (Jap)
ACID PHOSPHATASE, metabolism/ AGE FACTORS/ AGED/ ALKALINE PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ CASTRATION/ ENGLISH ABSTRACT/ EPITHELIUM, enzymology/ ESTRADIOL, pharmacodynamics/ GUINEA PIGS/ HISTOCYTOCHEMISTRY/ HUMAN/ *LACTATE DEHYDROGENASE, metabolism/ MALE/ MIDDLE AGE/ *SEMINAL VESICLES, enzymology/ TESTOSTERONE, pharmacodynamics/ TIME FACTORS

4042. **Tauchnitz C, Luschnitz E, Keller HP:** Virusneutralisierende Antikörper gegen ein tierexperimentelles Tumorvirus (Adenovirus 18) bei Patienten mit neoplastischen Erkrankungen im Vergleich zur Normalbevölkerung.
Z Ges Inn Med 24:Suppl:114-5, 15 Apr 69 (Ger)
*ADENOVIRUS, immunology/ ADOLESCENCE/ ADULT/ AGED/ *ANTIBODIES, analysis/ BREAST NEOPLASMS, immunology/ BRONCHIAL NEOPLASMS, immunology/ CARCINOMA, immunology/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HEMAGGLUTINATION INHIBITION TESTS/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ MIDDLE AGE/ *NEOPLASMS, immunology/ NEUTRALIZATION TESTS/ ONCOGENIC VIRUSES, immunology/ PARA-INFLUENZA VIRUSES, immunology/ SARCOMA, immunology/ TESTICULAR NEOPLASMS, immunology

4043. **Tausk M:** Practically applicable results of twenty years of research in endocrinology.
Fortschr Arzneimitteiforsch 12:137-64, 1968 (130 ref.)
ALDOSTERONE, pharmacodynamics/ ANABOLIC STEROIDS, pharmacodynamics/ ANDROGENS, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTIDIABETICS/ CHEMISTRY/ CONTRACEPTIVES, ORAL/

CORTICOTROPIN/ CORTISONE, pharmacodynamics/ DIABETES MELLITUS/ *ENDOCRINOLOGY/ ESTROGENS, pharmacodynamics/ ESTROGENS, therapeutic use/ FEMALE/ GONADOTROPINS/ HUMAN/ INSULIN/ IODINE ISOTOPES/ PREGNANCY/ PREGNANCY, drug effects/ PREGNANCY TESTS/ PROGESTATIONAL HORMONES/ PROGESTERONE, pharmacodynamics/ PROGESTERONE, therapeutic use/ RATS/ *RESEARCH/ REVIEW/ THYROCALCITONIN/ THYROID GLAND

4044. **Taylor JD, Kennedy WJ:** The influence of the periostracum on the shell structure of bivalve molluscs. Calcif Tissue Res 3:274-83, 1969
ANIMAL EXPERIMENTS/ *CALCIFICATION, PHYSIOLOGIC/ *CALCIUM CARBONATE, metabolism/ CRYSTALLIZATION/ MEMBRANES/ MICROSCOPY, ELECTRON/ *MOLLUSCA, growth & development/ MOLLUSCA, physiology/ REGENERATION

4045. **Taylor S:** Carcinoma of the thyroid gland. J Roy Coll Surg Edinb 14:183-92, Jul 69
*ADENOCARCINOMA/ *CARCINOMA/ HUMAN/ *THYROID NEOPLASMS

4046. **Taylor W:** Steroid metabolism in the cat. Biliary and urinary excretion of metabolites of [4-14C]cortisone. Biochem J 113:259-61, Jun 69
ACIDS/ ANIMAL EXPERIMENTS/ *BILE, analysis/ CARBON ISOTOPES/ CATS/ *CORTISONE, metabolism/ *CORTISONE, urine/ GLUCURONIDASE/ MALE

4047. **Tazieff-Depierre F, Czajka M, Lowagie C:** Action pharmacologique de fractions pures de venin de Naja nigricollis et libération de calcium dans les muscles striés.
C R Acad Sci [D] (Paris) 268:2511-4, 19 May 69 (Fre)
ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ CATS/ CHOLINESTERASE INHIBITORS, pharmacodynamics/ HEART, drug effects/ MUSCLE RELAXANTS, pharmacodynamics/ *MUSCLES, drug effects/ MUSCLES, metabolism/ MYOCARDIUM, metabolism/ PARALYSIS, chemically induced/ SCORPIONS/ SNAKES/ *VENOMS, pharmacodynamics

4048. **Tchertkoff V, Garret R, Salomon MI:** Adrenal "tumors" and benign hypertension.
New York J Med 69:2319-22, 1 Sep 69
*ADENOMA, complications/ ADENOMA, pathology/ *ADRENAL GLAND NEOPLASMS, complications/ ADRENAL GLAND NEOPLASMS, pathology/ ADULT/ HUMAN/ *HYPERTENSION, etiology

4049. **Tchobroutsky G:** Données récentes concernant le controle de l'insulino-sécrétion.
Rev Franc Endocr Clin 10:237-42, May-Jun 69 (Fre)
ADENYL CYCLASE, physiology/ ANIMAL EXPERIMENTS/ ANTIDIABETICS, pharmacodynamics/ ARGININE, physiology/ BLOOD SUGAR, pharmacodynamics/ DEPRESSION, CHEMICAL/ DIABETES MELLITUS, metabolism/ DIETARY CARBOHYDRATES/ EPINEPHRINE, pharmacodynamics/ FATTY ACIDS, physiology/ GLUCOSE/ GLYCOGEN, physiology/ HUMAN/ *INSULIN, secretion/ KETONE BODIES, physiology/ NOREPINEPHRINE, pharmacodynamics/ PROLACTIN, physiology/ SECRETIN, physiology/ SOMATOTROPIN, physiology/ STIMULATION, CHEMICAL/ SULFONAMIDES, pharmacodynamics/ SYMPATHETIC NERVOUS SYSTEM, physiology

4050. **Tedde G:** Dismorfismo ovarico in Rinolophus ferrum equinum. Attività delle fosfatasi alcaline nelle ovaie dei due lati.
Arch Ital Anat Embriol 73:363-78, 1968 (Ita)
*ALKALINE PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ *CHIROPTERA/ ENGLISH ABSTRACT/ FEMALE/ *OVARY, enzymology/ OVULATION

4051. **Teisinger P, Vyhnánek L, Voborová A:** Die Bedeutung der Arteriographie beim Ulcus cruris.
Hautarzt 19:271-4, Jun 68 (Ger)
ADULT/ AGED/ *ANGIOGRAPHY/ ARTERIES, abnormalities/ ARTERIOSCLEROSIS, radiography/ BONE AND BONES, radiography/ FEMALE/ HUMAN/ *LEG ULCER, radiography/ MALE/ MIDDLE AGE

4052. **Telford JM:** Hormonal influences on mediators of allergic reactions. Int Arch Allerg 36:29-30, 1969
ACETYLCHOLINE/ ADRENALECTOMY/ *ANAPHYLAXIS, metabolism/ ANAPHYLAXIS, prevention & control/ BLOOD VESSELS, drug effects/ CALCIUM/ CATECHOLAMINES/ DEXAMETHASONE, pharmacodynamics/ *GLUCOCORTICOIDS, pharmacodynamics/ HISTAMINE, administration & dosage/ HISTAMINE, metabolism/ HISTAMINE LIBERATION, drug effects/ INJECTIONS, INTRAVENOUS/ INTESTINES, drug effects/ IONS/ MYOCARDIUM, drug effects/ PREDNISOLONE, pharmacodynamics/ SEROTONIN, metabolism/ *THYROID HORMONES, pharmacodynamics/ THYRONINE, pharmacodynamics/ THYROXINE, pharmacodynamics/ TRIAMCINOLONE, pharmacodynamics/ UTERUS, drug effects

4053. **Tempesta M:** Affezioni miste microcitemico-emoglobiniche d'interesse radiologico.
Nunt Radiol 33:Suppl:188-200, 1967 (Ita)
ADULT/ *ERYTHROCYTES, ABNORMAL/ *HEMOGLOBINOPATHIES, complications/ HEMOGLOBINOPATHIES, familial & genetic/ HEMOGLOBINOPATHIES, radiography/ HEMOGLOBINS, ABNORMAL/ HETEROZYGOTE/ HUMAN/ OSTEOPOROSIS, radiography/ THALASSEMIA, complications/ THALASSEMIA, familial & genetic/ *THALASSEMIA, radiography

4054. **Temple DM:** Isolation techniques for pharmacologically active substances (animal).
Ann Rev Pharmacol 9:407-18, 1969 (165 ref.)
ACETYLCHOLINE, isolation & purification/ ADRENAL CORTEX HORMONES, isolation & purification/ AMINO ACIDS, isolation & purification/ ANIMAL EXPERIMENTS/ HISTAMINE, isolation & purification/ *HORMONES, isolation & purification/ INVERTEBRATES/ KININS, isolation & purification/ METHODS/ MUSCLE, SMOOTH, drug effects/ MYOCARDIUM, analysis/ PARATHYROID HORMONE, isolation & purification/ PEPTIDES, isolation & purification/ PITUITARY HORMONES, ANTERIOR, isolation & purification/ PITUITARY HORMONES, POSTERIOR, isolation & purification/ REVIEW/ SEROTONIN, isolation & purification/ SUBSTANCE P, isolation & purification/ THYROID HORMONES, isolation & purification/ *TISSUE EXTRACTS, isolation & purification

4055. **Temple TE Jr, Jones DJ Jr, Liddle GW, et al:** Treatment of Cushing's disease. Correction of hypercortisolism by o,p'DDD without induction of aldosterone deficiency. New Eng J Med 281:801-5, 9 Oct 69
ADRENAL GLANDS, cytology/ ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, secretion/ ADULT/ AGED/ *ALDOSTERONE, secretion/ CORTICOTROPIN, blood/ CORTICOTROPIN, diagnostic use/ *CUSHING'S SYNDROME, drug therapy/ DDD, administration & dosage/ DDD, adverse effects/ DDD, pharmacodynamics/ *DDD, therapeutic use/ DEXAMETHASONE, therapeutic use/ DRUG TOLERANCE/ FEMALE/ GASTROINTESTINAL SYSTEM, drug effects/ HUMAN/ HYDROCORTISONE, secretion/ 17-HYDROXYCORTICOSTEROIDS, blood/ KIDNEY, physiology/ MALE/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ MITOCHONDRIA/ SODIUM, metabolism

4056. **Tenconi L, Guardamagna C, Samaja U, et al:** L'influenza del clomifene sulla funzionalità epatica.
Minerva Ginec 20:1875-8, 15 Dec 68 (Ita)

*CLOMIPHENE, adverse effects/ CLOMIPHENE, pharmacodynamics/ CLOMIPHENE, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LIVER DISEASES, chemically induced/ *LIVER FUNCTION TESTS/ MENSTRUATION DISORDERS, drug therapy

4057. **Tenczyński L, Kudelski R:** Pancytopenia a wirusowe zapalenie wątroby. Wiad Lek 22:1215-20, 1 Jul 69 **(Pol)**
ADOLESCENCE/ *ANEMIA, APLASTIC, complications/ ANEMIA, APLASTIC, drug therapy/ FEMALE/ *HEPATITIS, INFECTIOUS, complications/ HUMAN/ TESTOSTERONE, therapeutic use

4058. **Teng CS, Hamilton TH:** Role of chromatin in estrogen action in the uterus. II. Hormone-induced synthesis of nonhistone acidic proteins which restore histone-inhibited DNA-dependent RNA synthesis.
Proc Nat Acad Sci USA 63:465-72, Jun 69
ANIMAL EXPERIMENTS/ CASTRATION/ CATTLE/ *ESTROGENS, physiology/ FEMALE/ *GENETIC CODE/ *HISTONES, pharmacodynamics/ NUCLEOPROTEINS, biosynthesis/ PROTEINS, biosynthesis/ RATS/ RNA, biosynthesis/ RNA NUCLEOTIDYL-TRANSFERASES, metabolism/ *SEX CHROMATIN, physiology/ *UTERUS, physiology

4059. **Teodosiev L, Shapiro GA, Bol'shakova TD, et al:** K obmenu biogennykh aminov pri nekotorykh éndokrinnykh zabolevaniiakh.
Probl Endokr (Moskva) 14:46-9, Nov-Dec 68 **(Rus)**
*ACROMEGALY, metabolism/ *CUSHING'S SYNDROME, metabolism/ ENGLISH ABSTRACT/ EPINEPHRINE, metabolism/ EPINEPHRINE, urine/ FEMALE/ HUMAN/ MALE/ NOREPINEPHRINE, metabolism/ NOREPINEPHRINE, urine/ SEROTONIN, blood/ SEROTONIN, metabolism/ *SYMPATHOMIMETICS, metabolism

4060. **Teoh ES:** Quantitation of human chorionic gonadotrophin in the management of hydatidiform mole. (A review of the literature and a summary of the Singapore experience with 254 cases).
Singapore Med J 10:11-7, Mar 69
FEMALE/ *GONADOTROPINS, CHORIONIC, analysis/ HUMAN/ *HYDATIDIFORM MOLE, diagnosis/ HYDATIDIFORM MOLE, therapy

4061. **Terenius L:** Oestrogen binding sites in the chicken oviduct similar to those of the mouse uterus.
Acta Endocr (Kobenhavn) 60:79-90, Jan 69
ANIMAL EXPERIMENTS/ *BINDING SITES/ CHICKENS/ *ESTRADIOL, metabolism/ ETHYLMALEIMIDE, pharmacodynamics/ FEMALE/ GIZZARD, metabolism/ IN VITRO/ MICE/ *OVIDUCTS, metabolism/ PROGESTERONE, pharmacodynamics/ TESTOSTERONE, pharmacodynamics/ TRITIUM

4062. **Terroine T, Buisson F, Bertaux O, et al:** Dégénérescence testiculaire et activité dnasique II dans diverses avitaminoses.
Ann Nutr (Paris) 23:A89-95, 1969 **(Fre)**
ANIMAL EXPERIMENTS/ ASCORBIC ACID DEFICIENCY, complications/ *ASCORBIC ACID DEFICIENCY, enzymology/ BODY WEIGHT/ *DEOXYRIBONUCLEASE, metabolism/ DNA, biosynthesis/ GUINEA PIGS/ MALE/ ORGAN WEIGHT/ PYRIDOXINE DEFICIENCY, complications/ *PYRIDOXINE DEFICIENCY, enzymology/ RATS/ RIBOFLAVIN DEFICIENCY, complications/ *RIBOFLAVIN DEFICIENCY, enzymology/ *TESTICULAR DISEASES, enzymology/ TESTICULAR DISEASES, etiology/ TESTIS, anatomy & histology

4063. **Tessitore V, Giammanco S, La Grutta V:** Contributo alla conoscenza delle correlazioni tra bulbi olfattivi e sistema neuroendocrino. II. Modificazioni istomorfologiche del sistema ipotalamo-neuroipofisario e di alcune ghiandole endocrine del ratto sottoposto ad asportazione dei bulbi olfattivi in epoca prepuberale.
Boll Soc Ital Biol Sper 44:1804-7, 15 Nov 68 **(Ita)**
*ADRENAL GLANDS, physiology/ ANIMAL EXPERIMENTS/ *GONADS, physiology/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ *LIMBIC SYSTEM, physiology/ RATS/ *THYROID GLAND, physiology/ *UTERUS, physiology

4064. **Teter J:** O potrzebie ograniczenia wskazań do stosowania testosteronu w leczeniu hormonalnym u kobiet. Pol Tyg Lek 24:1185-7, Aug 69 (18 ref.) **(Pol)**
BREAST NEOPLASMS, chemically induced/ ENDOMETRIOSIS, drug therapy/ ESTROGENS, adverse effects/ FEMALE/ HUMAN/ *MENSTRUATION DISORDERS, drug therapy/ METRORRHAGIA, drug therapy/ REVIEW/ *TESTOSTERONE, adverse effects/ TESTOSTERONE, therapeutic use/ UTERINE NEOPLASMS, chemically induced

4065. **Teuscher A:** Diabetische Retinopathie. Uberwachung der Diabetiker und Indikation zur Hypophysektomie.
Ther Umsch 26:349-54, Jun 69 **(Ger)**
AMINOSALICYLIC ACID, therapeutic use/ DIABETES MELLITUS, therapy/ DIABETIC RETINOPATHY, drug therapy/ DIABETIC RETINOPATHY, surgery/ *DIABETIC RETINOPATHY, therapy/ DIET THERAPY/ GENERAL PRACTICE/ HUMAN/ HYPOPHYSECTOMY/ PHYSICIAN-PATIENT RELATIONS

4066. **Tevaarwerk GM, Fraser TR, Joplin GF:** Pituitary apoplexy in a woman with chromophobe adenoma.
Proc Roy Soc Med 62:707-9, 7 Jul 69
*ADENOMA, CHROMOPHOBE, complications/ ADENOMA, CHROMOPHOBE, radiotherapy/ ADULT/ *CEREBROVASCULAR DISORDERS, complications/ FEMALE/ HUMAN/ *PITUITARY NEOPLASMS, complications/ YTTRIUM ISOTOPES

4067. **Thakkar AL, Kuehn PB:** Solubilization of some steroids in aqueous solutions of a steroidal nonionic surfactant. J Pharm Sci 58:850-2, Jul 69
CHOLESTEROL/ GLYCOLS/ *METHYLTESTOSTERONE/ POLYETHYLENES/ PROPIONATES/ SOLUBILITY/ SPECTROPHOTOMETRY/ *TESTOSTERONE/ ULTRAVIOLET RAYS

4068. **Thaler MM, Cox MC, Villee CA Jr:** Isolation of nuclei from sea urchin eggs and embryos.
J Cell Biol 42:846-50, Sep 69
ANIMAL EXPERIMENTS/ *CELL NUCLEUS/ CENTRIFUGATION, DENSITY GRADIENT/ *ECHINODERMATA, cytology/ *EMBRYO, cytology/ MEMBRANES/ METHODS/ MICROSCOPY, ELECTRON/ *OVUM, cytology/ SEX CHROMATIN/ SURFACE-ACTIVE AGENTS

4069. **Tharp BR, Pfeiffer JB:** Sarcoidosis and the acoustic nerve. Arch Otolaryng (Chicago) 90:360-6, Sep 69
*ACOUSTIC NERVE/ ADULT/ AUDIOMETRY/ GAMMA GLOBULIN, analysis/ GAMMA GLOBULIN, 7S, analysis/ GAMMA GLOBULIN, 19S, analysis/ HUMAN/ MALE/ OPTIC NERVE/ PERIPHERAL NERVE DISEASES, etiology/ PREDNISONE, therapeutic use/ *SARCOIDOSIS, complications/ SARCOIDOSIS, drug therapy/ SARCOIDOSIS, pathology

4070. **Theobald GW:** Active labour.
Brit Med J 3:653-4, 13 Sep 69
AMNION, surgery/ DELIVERY/ FEMALE/ HUMAN/ *LABOR/ LABOR COMPLICATIONS, prevention & control/ *LABOR, INDUCED/ OXYTOCIN, administration & dosage/ PARITY/ PREGNANCY

4071. **Théoleyre M, Jutisz M:** Utilisation de l'acide sulfosalicylique dans la purification de l'hormone folliculo-stimulante (FSH) urinaire de ménopause.
C R Acad Sci [D] (Paris) 268:1994-7, 14 Apr 69 **(Fre)**
CHROMATOGRAPHY, ION EXCHANGE/ FEMALE/ FSH, isolation & purification/ FSH, urine/ GEL FILTRATION/ HUMAN/ LH, urine/ *MENOPAUSE/ METHODS/ PRECIPITATION/ *SALICYLIC ACID

4072. **Thiébaut F, Philippides D, Buchheit F, et al:** Adénomes hypophysaires à expansion pharyngée.
Rev Otoneuroophtal 41:14-8, Jan-Feb 69 **(Fre)**
*ADENOCARCINOMA/ ADOLESCENCE/ ADULT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ *PHARYNGEAL NEOPLASMS/ *PITUITARY NEOPLASMS

4073. **Thieblot L, Berthelay S:** Principe anti-gonadotrope de la glande pinéale.
J Physiol (Paris) 60:Suppl 2:554, 1968 **(Fre)**
ANIMAL EXPERIMENTS/ CATTLE/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ GEL FILTRATION/ *GONADOTROPINS, antagonists & inhibitors/ MALE/ *PINEAL BODY, analysis/ RATS/ SPECTROPHOTOMETRY/ ULTRAVIOLET RAYS

4074. **Thieffry S, Arthuis M, Martin C, et al:** Dermatomyosite de l'enfant. Etude de huit cas personnels.
Ann Pediat (Paris) 14:554-78, Aug-Sep 67 **(Fre)**
ADRENAL CORTEX HORMONES, therapeutic use/ ANTIMALARIALS, therapeutic use/ CALCINOSIS, complications/ DEGLUTITION DISORDERS, complications/ *DERMATOMYOSITIS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ MALE/ PHARYNGEAL DISEASES, complications/ PHYSICAL THERAPY

4075. **Thielemann H:** Zur Reinheitsprüfung bzw. quantitativen Bestimmung von Cyanidionen in Thiocyanaten. Pharmazie 24:421-2, Jul 69 **(Ger)**
*CYANIDES, analysis/ METHODS/ *THIOCYANATES, analysis/ THIOCYANATES, standards

4076. **Thijs LG, Poelman JR, Noll WL:** De zure-en alkalische-fosfatase-activiteit in het serum van patiënten met prostaatcarcinoom. Het effect van de endocriene behandeling.
Nederl T Geneesk 113:1303-9, 26 Jul 69 **(Dut)**
*ACID PHOSPHATASE, blood/ AGED/ *ALKALINE PHOSPHATASE, blood/ ENGLISH ABSTRACT/ ETHINYL ESTRADIOL, therapeutic use/ HUMAN/ MALE/ PROSTATIC NEOPLASMS, drug therapy/ *PROSTATIC NEOPLASMS, enzymology

4077. **Thoa NB, Eccleston D, Axelrod J:** The accumulation of C14-serotonin in the guinea-pig vas deferens.
J Pharmacol Exp Ther 169:68-73, Sep 69
ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ CARBON ISOTOPES/ COCAINE, pharmacodynamics/ DESIPRAMINE, pharmacodynamics/ DOPAMINE, pharmacodynamics/ GUINEA PIGS/ HYDROXYINDOLEACETIC ACID, analysis/ HYDROXYINDOLEACETIC ACID, metabolism/ IMIPRAMINE, pharmacodynamics/ IN VITRO/ KINETICS/ MALE/ MICROSOMES, analysis/ MITOCHONDRIA, MUSCLE, analysis/ NOREPINEPHRINE, analysis/ NOREPINEPHRINE, pharmacodynamics/ OUABAIN, pharmacodynamics/ RESERPINE, pharmacodynamics/ SEROTONIN, analysis/ *SEROTONIN, metabolism/ TEMPERATURE/ TIME FACTORS/ TRYPTAMINES, pharmacodynamics/ TYRAMINE, pharmacodynamics/ *VAS DEFERENS, metabolism

4078. **Thomalske G, Lyagoubi S:** Nouveau modèle d'un foyer épileptique amygdalien d'apparition très rapide et restant très focalisé.
Neurochirurgia (Stuttgart) 12:115-22, Jul 69 **(Fre)**
ALUMINUM/ AMYGDALOID BODY/ ANIMAL EXPERIMENTS/ CATS/ CEREBRAL CORTEX, drug effects/ COBALT/ *CONVULSIONS, chemically induced/ ENGLISH ABSTRACT/ GALLAMINE TRIETHIODIDE/ INJECTIONS, INTRATHECAL/ MODELS, BIOLOGIC/ PHOSPHATES/ POWDERS/ RESPIRATION, ARTIFICIAL/ TIME FACTORS

4079. **Thomas C, Schäfer H:** Durch Ultraschallbehandlung beschleunigte Entkalkung von Gewebsproben.
Zbl Allg Path 112:194-5, 1969 **(Ger)**
ANIMAL EXPERIMENTS/ BONE AND BONES/ *DECALCIFICATION TECHNIC/ EDTA/ FORMIC ACIDS/ HUMAN/ METHODS/ NITRATES/ RATS/ TIME FACTORS/ *ULTRASONICS

4080. **Thomas CG, Starr LB, Shields LM:** I-131-labeled triiodothyronine (T-3) values for populations of a semi-rural mountainous area in New Mexico.
Southwest Med 50:125-7, Aug 69
ADULT/ AGE FACTORS/ ETHNIC GROUPS/ FASTING/ FEMALE/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ MIDDLE AGE/ NEW MEXICO/ RURAL POPULATION/ SEX FACTORS/ *TRIIODOTHYRONINE, blood

4081. **Thomas CG Jr, Pepper FD, Owen J:** Differentiation of malignant from benign lesions of the thyroid gland using complementary scanning with 75Selenomethionine and radioiodide.
Ann Surg 170:396-408, Sep 69
ADENOMA, diagnosis/ ADULT/ AGED/ CARCINOMA, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ GOITER, diagnosis/ HUMAN/ *IODINE ISOTOPES, DIAGNOSTIC/ LYMPHOMA, diagnosis/ LYMPHOMA, pathology/ MALE/ *METHIONINE, diagnostic use/ METHIONINE, metabolism/ MIDDLE AGE/ NEOPLASM METASTASIS/ *RADIOISOTOPE SCANNING/ *RADIOISOTOPES, diagnostic use/ *SELENIUM, diagnostic use/ SELENIUM, metabolism/ *THYROID NEOPLASMS, diagnosis/ THYROID NEOPLASMS, pathology/ THYROIDITIS, diagnosis

4082. **Thomas JA, Hollande E, Henry M, et al:** Le cycle du virus de l'denocarcinome mammaire de la souris et ses relations avec la sécrétion lactée.
C R Acad Sci [D] (Paris) 269:396-9, 1969 **(Fre)**
*ADENOCARCINOMA, microbiology/ ANIMAL EXPERIMENTS/ BREAST NEOPLASMS, pathology/ CELL MEMBRANE/ GOLGI APPARATUS/ *LACTATION/ *MAMMARY CANCER VIRUS, growth & development/ *MAMMARY NEOPLASMS, EXPERIMENTAL/ MICE/ MICROSCOPY, ELECTRON/ PERIODICITY

4083. **Thomas PA:** Preservation of alveolar cell metabolism by successful immune suppression after canine lung transplantation. Ann Thorac Surg 8:219-28, Sep 69
ANIMAL EXPERIMENTS/ *AZATHIOPRINE, therapeutic use/ *CHLORAMPHENICOL, therapeutic use/ COMPARATIVE STUDY/ DOGS/ FEMALE/ LUNG, anatomy & histology/ LUNG, pathology/ *LUNG, transplantation/ MALE/ *PREDNISONE, therapeutic use/ *PULMONARY ALVEOLI, metabolism/ SURFACE TENSION/ TISSUE EXTRACTS/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY, drug effects

4084. **Thomas PK, Lascelles RG, Hallpike JF, et al:** Recurrent and chronic relapsing Guillain-Barré polyneuritis.
Brain 92:589-606, 1969
ADULT/ AGED/ BIOPSY/ CEREBROSPINAL FLUID PROTEINS/ CHILD/ CHRONIC DISEASE/ CORTICOTROPIN, therapeutic use/ FEMALE/ GANGLIA, SPINAL, surgery/ HUMAN/ MALE/ NEURAL CONDUCTION/ NEURITIS, immunology/ PERIPHERAL NERVES, surgery/ *POLYRADICULITIS/ POLYRADICULITIS, cerebrospinal fluid/ POLYRADICULITIS, drug therapy/ POLYRADICULITIS, etiology/ POLYRADICULITIS, immunology/ POLYRADICULITIS, pathology/ POLYRADICULITIS, physiopathology/ PREDNISONE, therapeutic use/ SPINAL CORD, surgery/ SPINAL NERVES, surgery

4085. **Thomas TR, Gerall AA:** Dissociation of reproductive physiology and behavior induced by neonatal treatment with steroids.
Endocrinology 85:781-4, Oct 69
ADRENAL GLANDS, anatomy & histology/ ANIMAL EXPERIMENTS/ ANIMALS,

NEWBORN/ DEPRESSION, CHEMICAL/ *DESOXYCORTICOSTERONE, pharmacodynamics/ ESTRUS/ FEMALE/ HYPOTHALAMUS, physiology/ ORGAN WEIGHT/ OVARY, anatomy & histology/ OVULATION/ PITUITARY GLAND, anatomy & histology/ RATS/ *SEX BEHAVIOR, ANIMAL, drug effects/ *TESTOSTERONE, pharmacodynamics/ UTERUS, anatomy & histology/ VAGINAL SMEARS

4086. **Thomas WC Jr, Moore TH:** Fibrinogenesis imperfecta ossium. Trans Amer Clin Climat Ass 80:54-62, 1969
AGED/ CALCIUM, blood/ *CALCIUM METABOLISM DISORDERS/ HUMAN/ MALE/ OSTEOMALACIA, blood/ OSTEOMALACIA, diagnosis/ *OSTEOMALACIA, etiology/ OSTEOMALACIA, pathology/ PHOSPHORUS, blood/ *PHOSPHORUS METABOLISM DISORDERS/ TESTOSTERONE, therapeutic use

4087. **Thompson DW:** Oral contraceptives and cervical atypia: a plea for objective appraisal. Canad Med Ass J 101:285-6, 6 Sep 69
AGE FACTORS/ *ATTITUDE OF HEALTH PERSONNEL/ *CERVIX NEOPLASMS, chemically induced/ CERVIX UTERI, drug effects/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ HYPERPLASIA/ METAPLASIA/ *PRECANCEROUS CONDITIONS, chemically induced

4088. **Thompson JC, Miller JH, Jansen I, et al:** Ultrastructural changes in the mucosa of canine gastric allografts. Virchow Arch [Zellpath] 3:137-55, 1969
ACTINOMYCIN, therapeutic use/ ANIMAL EXPERIMENTS/ AZATHIOPRINE, therapeutic use/ DOGS/ *GASTRIC JUICE, secretion/ GASTRIC MUCOSA, immunology/ *GASTRIC MUCOSA, pathology/ HISTAMINE/ INJECTIONS, INTRAVENOUS/ MICROSCOPY, ELECTRON/ PREDNISOLONE, therapeutic use/ SECRETORY RATE/ STOMACH, secretion/ *STOMACH, transplantation/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY

4089. **Thompson JF, Schweisthal MR:** Study of closure of the embryonic rat palate in vitro with the effects of certain chemicals. J Dent Res 48:568-72, Jul-Aug 69
ANIMAL EXPERIMENTS/ *CORTISONE, pharmacodynamics/ *GLUCAGON, pharmacodynamics/ IN VITRO/ *PALATE, drug effects/ *PALATE, embryology/ RATS/ TISSUE CULTURE/ *VITAMIN A, pharmacodynamics

4090. **Thompson JH, Angulo M:** Prostaglandin-induced serotonin release. Experientia 25:721-2, 1969
ANILINE COMPOUNDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ GASTRIC MUCOSA, metabolism/ INTESTINAL MUCOSA, metabolism/ MALE/ *PROSTAGLANDINS, pharmacodynamics/ RATS/ RESERPINE, pharmacodynamics/ *SEROTONIN, metabolism

4091. **Thompson JN, Howell JM, Pitt GA, et al:** The biological activity of retinoic acid in the domestic fowl and the effects of vitamin A deficiency on the chick embryo. Brit J Nutr 23:471-90, Aug 69
ABNORMALITIES, etiology/ ANIMAL EXPERIMENTS/ CHICK EMBRYO, drug effects/ CHICK EMBRYO, metabolism/ CHICKENS/ FEMALE/ MALE/ OVULATION/ RETINA, pathology/ TESTIS, anatomy & histology/ VISION DISORDERS, drug therapy/ *VITAMIN A, metabolism/ VITAMIN A, therapeutic use/ VITAMIN A, toxicity/ VITAMIN A DEFICIENCY, drug therapy/ *VITAMIN A DEFICIENCY, metabolism/ VITAMIN A DEFICIENCY, pathology

4092. **Thompson JN Jr, Braver G:** Lethal effect of attached-X deletion in Drosophila melanogaster. Genet Res 13:325-7, Jun 69
ANIMAL EXPERIMENTS/ *CHROMOSOME ABERRATIONS/ DROSOPHILA/ FEMALE/ HETEROCHROMATIN/ MALE/ *SEX CHROMOSOMES

4093. **Thompson JS, Severson CD, Reilly RW:** Autoradiographic study of the effect of estradiol and irradiation on nucleic acid metabolism of the thymus and lymph node of mice. Radiat Res 40:46-62, Oct 69
ANIMAL EXPERIMENTS/ *ESTRADIOL, pharmacodynamics/ FEMALE/ LYMPH NODES, drug effects/ LYMPH NODES, metabolism/ *LYMPH NODES, radiation effects/ MICE/ *NUCLEIC ACIDS, metabolism/ ORGAN WEIGHT/ *RADIATION EFFECTS/ RADIOAUTOGRAPHY/ THYMIDINE, metabolism/ THYMUS GLAND, drug effects/ THYMUS GLAND, metabolism/ *THYMUS GLAND, radiation effects/ TIME/ TRITIUM/ URIDINE, metabolism

4094. **Thompson JS, Simmons EL, Crawford MK, et al:** Studies on the mechanisms of estradiol-induced radioprotection. Radiat Res 40:70-84, Oct 69
ANIMAL EXPERIMENTS/ BENZOATES, pharmacodynamics/ *ESTRADIOL, pharmacodynamics/ FEMALE/ *HEMATOPOIETIC SYSTEM, radiation effects/ INJECTIONS, INTRAMUSCULAR/ MICE/ *RADIATION EFFECTS/ *RADIATION-PROTECTIVE AGENTS, pharmacodynamics/ TIME

4095. **Thompson RC Jr, Gaull GE, Horwitz SJ, et al:** Hereditary hyperphosphatasia. Studies of three siblings. Amer J Med 47:209-19, Aug 69
ACID PHOSPHATASE, blood/ ADOLESCENCE/ ADULT/ ALKALINE PHOSPHATASE, blood/ AMINO ACIDS, urine/ BONE AND BONES, pathology/ CALCIUM, blood/ CHILD/ FEMALE/ FRACTURES, complications/ HUMAN/ HYDROXYPROLINE, urine/ *HYPEROSTOSIS, CORTICAL CONGENITAL/ HYPEROSTOSIS, CORTICAL CONGENITAL, complications/ HYPEROSTOSIS, CORTICAL CONGENITAL, diagnosis/ HYPEROSTOSIS, CORTICAL CONGENITAL, radiography/ MALE/ PHOSPHORANES, blood

4096. **Thomsen K:** Placenta-Insuffizienz. Arch Gynaek 207:401-5, 1969 (Ger)
ELECTROCARDIOGRAPHY/ ESTROGENS, metabolism/ FEMALE/ FETAL HEART/ GYNECOLOGIC DISEASES, diagnosis/ GYNECOLOGIC DISEASES, metabolism/ GYNECOLOGIC DISEASES, pathology/ HUMAN/ OXYGEN CONSUMPTION/ *PLACENTA/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ PREGNENOLONE, diagnostic use/ PREGNENOLONE, metabolism

4097. **Thomson JA, McGirr EM:** Defective deiodinase activity and abnormal thyroidal iodoproteins. J Clin Endocr 29:1259-60, Sep 69
CENTRIFUGATION, DENSITY GRADIENT/ DIIODOTYROSINE, metabolism/ GOITER, metabolism/ HUMAN/ HYPERPLASIA/ HYPOTHYROIDISM, metabolism/ IN VITRO/ *IODINE, metabolism/ IODINE ISOTOPES/ IODOPROTEINS, analysis/ IODOPROTEINS, metabolism/ IODOTYROSINE, metabolism/ *METABOLISM, INBORN ERRORS/ *PROTEINS, metabolism/ RADIOAUTOGRAPHY/ *THYROID GLAND, enzymology/ THYROID GLAND, metabolism

4098. **Thoron A:** Interprétation du caractère nutritionnel particulier de l'huile de colza; essais sur le porc et le rat. Ann Nutr (Paris) 23:103-16, 1969 (Fre)
*ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ CHEMISTRY/ DIET/ *DIETARY FATS/ *FATS, UNSATURATED/ FATTY ACIDS, metabolism/ GENITALIA, MALE, physiology/ HYDROGEN/ *LIPIDS, metabolism/ *LIVER, metabolism/ MALE/ NUTRITION/ OILS/ ORGAN WEIGHT/ PHOSPHOLIPIDS, metabolism/ RATS/ REPRODUCTION/ SEEDS/ SEMEN, analysis/ SPECIES SPECIFICITY/ SWINE/ *TESTIS, metabolism/ TIME FACTORS

4099. **Thümmel E, Stubbe E:** Klinische Erfahrungen mit der Anwendung von Oxytocin-Bukkaltabletten in der Geburtshilfe.
Geburtsh Frauenheilk 29:653-60, Jul 69 (Ger)
ADULT/ BLOOD PRESSURE, drug effects/ ENGLISH ABSTRACT/ FEMALE/ FETAL MEMBRANES/ HUMAN/ LABOR, drug effects/ LABOR COMPLICATIONS/ *LABOR, INDUCED/ *OXYTOCIN, administration & dosage/ OXYTOCIN, adverse effects/ OXYTOCIN, pharmacodynamics/ PREGNANCY/ PREGNANCY, PROLONGED/ RUPTURE/ TABLETS/ TIME FACTORS

4100. **Thygeson P:** Complications of staphylococcic blepharitis. Amer J Ophthal 68:446-9, Sep 69
ADRENAL CORTEX HORMONES, therapeutic use/ ANTIBIOTICS, therapeutic use/ BLEPHARITIS, complications/ CHRONIC DISEASE/ CONJUNCTIVITIS, etiology/ CORNEAL ULCER, etiology/ ECZEMA, etiology/ EYE DISEASES, complications/ EYE DISEASES, etiology/ *EYELIDS/ HORDEOLUM, etiology/ HUMAN/ INFLAMMATION/ INFLAMMATION, drug therapy/ KERATITIS, etiology/ MONILIASIS, complications/ MYCOSES, etiology/ *STAPHYLOCOCCAL INFECTIONS, complications/ STAPHYLOCOCCAL INFECTIONS, drug therapy

4101. **Tiavokin VV:** Ob étiologii i nekotorykh pervoocherednykh merakh profilaktiki ateroskleroza i ishemicheskoĭ bolezni serdtsa.
Kardiologiia 9:141-7, May 69 (Rus)
ANIMAL EXPERIMENTS/ AORTA, innervation/ AORTA, pathology/ ARTERIOSCLEROSIS, blood/ ARTERIOSCLEROSIS, enzymology/ *ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, pathology/ *ARTERIOSCLEROSIS, prevention & control/ ASPARTATE AMINOTRANSFERASE, blood/ CATECHOLAMINES, analysis/ CHOLESTEROL, blood/ *CORONARY DISEASE, etiology/ CORONARY DISEASE, pathology/ *CORONARY DISEASE, prevention & control/ CORONARY VESSELS, pathology/ CORTICOSTERONE, blood/ ELECTROCARDIOGRAPHY/ EXERTION/ IMMOBILIZATION/ LIPOPROTEINS, blood/ METHODS/ MYOCARDIUM, analysis/ MYOCARDIUM, pathology/ RABBITS/ STRESS, complications/ TIME FACTORS

4102. **Tibbling G, Cederquist E, Lundquist A:** Plasma glycerol and glycerol turnover during treatment of hyperthyroidism. Clin Chim Acta 25:189-98, Aug 69
ADULT/ AUTOANALYSIS/ CAPILLARIES/ CARBIMAZOLE, therapeutic use/ FEMALE/ FLUOROMETRY/ *GLYCERIN, blood/ GLYCERIN, metabolism/ HUMAN/ *HYPERTHYROIDISM, blood/ HYPERTHYROIDISM, diagnosis/ HYPERTHYROIDISM, drug therapy/ HYPERTHYROIDISM, metabolism/ HYPOTHYROIDISM, blood/ *IMIDAZOLES, therapeutic use/ *IODINE ISOTOPES, therapeutic use/ IODINE ISOTOPES, DIAGNOSTIC/ MALE/ MICROCHEMISTRY/ MIDDLE AGE/ PROTEIN-BOUND IODINE TEST/ *THYROID ANTAGONISTS, therapeutic use/ *THYROID GLAND, physiopathology/ THYROID GLAND FUNCTION TESTS/ TIME FACTORS/ VEINS

4103. **Tidd MJ:** Hyperaldosteronism.
Brit Med J 2:52-3, 4 Oct 69
HUMAN/ *HYPERALDOSTERONISM, drug therapy/ *SPIRONOLACTONE, administration & dosage/ SPIRONOLACTONE, adverse effects

4104. **Tikhonov NM:** Izmenenie bioelektricheskoĭ aktivnosti matki korov pod vliianiem gormonal'nykh preparatov.
Veterinariia 44:97-9, May 67 (Rus)
ANIMAL EXPERIMENTS/ CATTLE/ *ELECTROPHYSIOLOGY/ *ESTRONE, pharmacodynamics/ FEMALE/ *HEXESTROL, pharmacodynamics/ *PITUITARY HORMONES, POSTERIOR, pharmacodynamics/ *UTERUS, drug effects/ *VETERINARY MEDICINE

4105. **Timms AR, Kelly LA, Ho RS, et al:** Laboratory studies of 1-methyl-4-piperidyl bis(p-chlorophenoxy) acetate (SaH 42-348)--a new hypolipidemic agent.
Biochem Pharmacol 18:1861-71, Aug 69
ACETATES, metabolism/ ANIMAL EXPERIMENTS/ ANTICHOLESTEREMIC AGENTS, antagonists & inhibitors/ *ANTICHOLESTEREMIC AGENTS, pharmacodynamics/ ANTILIPEMIC AGENTS, pharmacodynamics/ BODY WEIGHT/ BUTYRATES, antagonists & inhibitors/ BUTYRATES, pharmacodynamics/ CARBON ISOTOPES/ *CHOLESTEROL, analysis/ CHOLESTEROL, biosynthesis/ CHOLESTEROL, blood/ HYPERLIPEMIA, blood/ LIPIDS, analysis/ LIPIDS, blood/ LIVER, analysis/ MALE/ ORGAN WEIGHT/ PHOSPHOLIPIDS, analysis/ PHOSPHOLIPIDS, blood/ PIPERIDINES, antagonists & inhibitors/ *PIPERIDINES, pharmacodynamics/ PROPYLTHIOURACIL, pharmacodynamics/ RATS/ TRIGLYCERIDES, analysis/ TRIGLYCERIDES, blood

4106. **Timsit J:** Catalepsie provoquée par électrochoc chez la souris. Analyse pharmacologique.
Therapie 24:595-608, Jul-Aug 69 (Fre)
AMPHETAMINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTIDEPRESSIVE AGENTS, pharmacodynamics/ APOMORPHINE, pharmacodynamics/ *CATALEPSY, etiology/ CHOLINESTERASE INHIBITORS, pharmacodynamics/ COCAINE, pharmacodynamics/ DOPA, pharmacodynamics/ *DRUG ANTAGONISM/ *ELECTROSHOCK/ ENGLISH ABSTRACT/ HIPPOCAMPUS, drug effects/ MALE/ MECAMYLAMINE, pharmacodynamics/ MICE/ NICOTINE, pharmacodynamics/ PHENOXYBENZAMINE, pharmacodynamics/ SEROTONIN, pharmacodynamics

4107. **Timson J:** Chromosomes and an oral contraceptive (Lyndiol 2.5). J Reprod Fertil 19:581-3, Aug 69
ADULT/ *CHROMOSOME ABERRATIONS/ *CHROMOSOME ABNORMALITIES, chemically induced/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ IN VITRO/ KARYOTYPING/ LYMPHOCYTES, drug effects/ *LYNESTRENOL, adverse effects/ *MESTRANOL, adverse effects/ MITOSIS, drug effects/ PLANT AGGLUTININS, pharmacodynamics/ PREGNANCY

4108. **Tipton SR:** Some effects of thyroid hormone on polyribosomes in rat liver.
Alabama J Med Sci 6:259-65, Jul 69
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CENTRIFUGATION, ZONAL/ *LIVER, drug effects/ MALE/ MITOCHONDRIA, LIVER, metabolism/ PROTEINS, biosynthesis/ RATS/ *RIBOSOMES, drug effects/ RIBOSOMES, metabolism/ *THYROID HORMONES, pharmacodynamics

4109. **Tănoveanu G, Cighir R, Georgescu MI, et al:** Contribuţii clinico-radiologice, biochimice şi genetice la studiul displaziilor periostale.
Rev Medicochir Iasi 73:327-32, Apr-Jun 69 (Rum)
ADOLESCENCE/ ADULT/ *BONE AND BONES, abnormalities/ *BONE DISEASES, familial & genetic/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ *PERIOSTEUM

4110. **Tishenina RS, Gol'ber LM:** Vliianie gonadéktomii i vvedeniia testosteron-propionata na biosintez tsitoplazmaticheskikh fraktsiĭ RNK v pecheni krys.
Probl Endokr (Moskva) 14:64-8, Jul-Aug 68 (Rus)
ACTINOMYCIN, pharmacodynamics/ AGE FACTORS/ ANIMAL EXPERIMENTS/ GONADS, surgery/ LIVER, cytology/ *LIVER, drug effects/ RATS/ RNA, analysis/ *RNA, biosynthesis/ *TESTOSTERONE, pharmacodynamics

4111. **Titmov VN, Perpelova OI:** Khirurgicheskoe lechenie diffuznogo toksicheskogo zoba u bol'noi s boleznʹiu dauna.
Probl Endokr (Moskva) 15:64-5, May-Jun 69 **(Rus)**
ADOLESCENCE/ CASE REPORT/ FEMALE/ GOITER, complications/ *GOITER, surgery/ HUMAN/ *HYPERTHYROIDISM, complications/ *MONGOLISM, complications

4112. **Tixier-Vidal A, Follett BK, Farner DS:** The anterior pituitary of the Japanese quail, Coturnix coturnix japonica. The cytological effects of photoperiodic stimulation. Z Zellforsch 92:610-35, 1968
ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ *BIRDS, anatomy & histology/ *CASTRATION/ GONADOTROPINS, PITUITARY, metabolism/ HISTOCYTOCHEMISTRY/ INJECTIONS, INTRAMUSCULAR/ *LIGHT/ MALE/ *METYRAPONE, pharmacodynamics/ ORGAN WEIGHT/ PERIODICITY/ PITUITARY-ADRENAL SYSTEM, physiology/ PITUITARY GLAND, anatomy & histology/ *PITUITARY GLAND, cytology/ PITUITARY GLAND, drug effects/ PITUITARY GLAND, metabolism/ STAINS AND STAINING/ *THIOUREA, pharmacodynamics/ THYROID GLAND, drug effects/ THYROID GLAND, physiology/ *THYROXINE, pharmacodynamics

4113. **Toaff R, Ashkenazi H, Schwartz A, et al:** Effects of oestrogen and progestagen on the composition of human milk. J Reprod Fertil 19:475-82, Aug 69
*ETHINYL ESTRADIOL, pharmacodynamics/ FATS, analysis/ FEMALE/ HUMAN/ *LACTATION, drug effects/ LACTOSE, analysis/ *MILK, HUMAN, analysis/ PLACEBOS/ PREGNANCY/ *PROGESTATIONAL HORMONES, pharmacodynamics/ PROTEINS, analysis/ STATISTICS

4114. **Tobian L:** Modifying elevated blood pressure: a practical office approach. Minn Med 52:1307-10, Aug 69
CHLOROTHIAZIDE, therapeutic use/ CHLORTHALIDONE, therapeutic use/ *DIURETICS, therapeutic use/ HUMAN/ *HYPERTENSION, drug therapy/ METHYLDOPA, therapeutic use/ RAUWOLFIA, therapeutic use/ SPIRONOLACTONE, therapeutic use/ SYMPATHOLYTICS, therapeutic use/ VASODILATOR AGENTS, therapeutic use/ VASOMOTOR SYSTEM, physiology

4115. **Tobian L, Coffee K, McCrea P:** Contrasting exchangeable sodium in rats with different types of Goldblatt hypertension.
Amer J Physiol 217:458-60, Aug 69
ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ *HYPERTENSION, RENAL, metabolism/ METHODS/ RATS/ RENAL ARTERY/ RENIN, blood/ *SODIUM, metabolism/ SODIUM ISOTOPES

4116. **Todd JK, Mack AJ:** A study of human bladder detrusor muscle. Brit J Urol 41:448-54, Aug 69
ACETYLCHOLINE, antagonists & inhibitors/ ACETYLCHOLINE, pharmacodynamics/ ATROPINE, pharmacodynamics/ *BLADDER, drug effects/ DEPRESSION, CHEMICAL/ HEXAMETHONIUM COMPOUNDS, pharmacodynamics/ HISTAMINE, pharmacodynamics/ HUMAN/ IN VITRO/ MORPHINE, pharmacodynamics/ MUSCLE CONTRACTION, drug effects/ *MUSCLE, SMOOTH, drug effects/ NICOTINE, pharmacodynamics/ PHENYLEPHRINE, pharmacodynamics/ PHYSOSTIGMINE, pharmacodynamics/ SEROTONIN, pharmacodynamics/ STIMULATION, CHEMICAL/ VASOPRESSIN, pharmacodynamics

4117. **Tojo S:** [New endocrine disorders attracting current interest--female gonadal system]
Clin Endocr (Tokyo) 17:422-6, May 69 **(Jap)**
CHIARI-FROMMEL SYNDROME/ *ENDOCRINE DISEASES/ ESTROGENS, urine/ FEMALE/ FSH, secretion/ GONADOTROPINS, secretion/ *GYNECOLOGIC DISEASES/ HORMONES, ECTOPIC, secretion/ HUMAN/ LH, secretion/ OVARIAN DISEASES/ REVIEW/ SEX CHROMOSOMES/ SHEEHAN'S SYNDROME/ STEIN-LEVENTHAL SYNDROME/ TESTICULAR FEMINIZATION/ TURNER'S SYNDROME

4118. **Tojo S, Fukunishi H:** [Endocrinological consideration of ovulation]
Sanfujin Jissai 18:285-93, Apr 69 (46 ref.) **(Jap)**
AMENORRHEA, drug therapy/ FEMALE/ GONADOTROPINS, physiology/ HUMAN/ OVARIAN DISEASES, drug therapy/ OVARY, metabolism/ *OVULATION/ OVULATION, drug effects/ REVIEW

4119. **Tojo S, Mochizuki M, Tokura Y, et al:** [Radioimmunoassay of chorionic gonadotropin (HCG), with special reference to the practice of its theory and its significance as a clinical examination]
Clin Endocr (Tokyo) 17:523-9, Jun 69 **(Jap)**
ANIMAL EXPERIMENTS/ CHORIOCARCINOMA, immunology/ COMPARATIVE STUDY/ FEMALE/ *GONADOTROPINS, CHORIONIC, analysis/ GONADOTROPINS, CHORIONIC, blood/ GONADOTROPINS, CHORIONIC, urine/ GUINEA PIGS/ HUMAN/ IMMUNE SERUMS/ LH, blood/ PERIODICITY/ POSTOPERATIVE CARE/ PREGNANCY/ RABBITS/ *RADIOIMMUNOASSAY

4120. **Tokuda G:** [Clinical aspect of oral contraceptive pills]
Sanfujin Jissai 18:327-33, Apr 69 **(Jap)**
*CONTRACEPTIVES, ORAL/ CONTRACEPTIVES, ORAL, administration & dosage/ CONTRACEPTIVES, ORAL, adverse effects/ ESTROGENS, administration & dosage/ FEMALE/ HUMAN/ OVULATION, drug effects/ PREGNANCY/ PROGESTERONE, administration & dosage

4121. **Tokuda G, Hiroji O:** [Advances and problems in quantitative measurement of progesterone in the blood]
Clin Endocr (Tokyo) 17:317-24, Apr 69 (36 ref.) **(Jap)**
CARBON ISOTOPES/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, PAPER/ COLORIMETRY/ FEMALE/ FLUORESCENCE/ FLUOROMETRY/ HUMAN/ METHODS/ PREGNANCY/ *PROGESTERONE, blood/ PROTEIN BINDING/ RADIOIMMUNOASSAY/ REVIEW

4122. **Toncescu N, Garoiu M, Rădulescu RN:** Effekte der Epiphysenextrakte auf die psychomotorische Labilität des Kindes.
Psychiat Neurol Med Psychol (Leipzig) 21:37-9, Jan 69 **(Ger)**
AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ *PINEAL BODY/ *PSYCHOMOTOR DISORDERS, drug therapy/ STATISTICS/ *TISSUE EXTRACTS, therapeutic use

4123. **Tonge SR, Leonard BE:** The effects of some hallucinogenic drugs upon the metabolism of 5-hydroxy-tryptamine in the brain.
Life Sci 8:805-14, 1 Aug 69
ANIMAL EXPERIMENTS/ BRAIN, enzymology/ *BRAIN, metabolism/ BRAIN CHEMISTRY, drug effects/ CARBOXY-LYASES, analysis/ *HALLUCINOGENS, pharmacodynamics/ HYDROXYINDOLEACETIC ACID, analysis/ LYSERGIC ACID DIETHYLAMIDE, pharmacodynamics/ MESCALINE, pharmacodynamics/ MONOAMINE OXIDASE, analysis/ PHENCYCLIDINE, pharmacodynamics/ PHENYLALANINE, pharmacodynamics/ RATS/ RESERPINE, pharmacodynamics/ SEROTONIN, analysis/ *SEROTONIN, metabolism/ STATISTICS

4124. **Tongue WS:** Ornithine vasopressin (POR-8) as a haemostatic agent in vaginal surgery.
New Zeal Med J 69:350-3, Jun 69
BLOOD PRESSURE, drug effects/ CHEMISTRY/ COMPARATIVE STUDY/ EPINEPHRINE, therapeutic use/ FEMALE/

GASTROINTESTINAL MOTILITY, drug effects/ HEMORRHAGE, prevention & control/ *HEMOSTATICS, therapeutic use/ HUMAN/ *ORNITHINE, therapeutic use/ PHELYPRESSIN, therapeutic use/ PULSE, drug effects/ TIME FACTORS/ *VAGINA, surgery/ *VASOPRESSIN, therapeutic use/ WOUND HEALING, drug effects

4125. **Torda C:** Biochemical and bioelectric processes related to sleep, paradoxical sleep, and arousal.
Psychol Rep 24:807-24, Jun 69
ANIMAL EXPERIMENTS/ *AROUSAL/ *BRAIN CHEMISTRY/ ELECTROENCEPHALOGRAPHY/ ENZYMES, antagonists & inhibitors/ *NOREPINEPHRINE, analysis/ RATS/ *SEROTONIN, analysis/ *SLEEP

4126. **Torikai T:** [Aspect of hormones and hypertension]
J Jap Soc Intern Med 58:579-92, 10 Jul 69 (29 ref.) (Jap)
ADOLESCENCE/ ADRENAL GLAND NEOPLASMS, complications/ ADULT/ AGE FACTORS/ AGED/ ALDOSTERONE, secretion/ BLOOD PRESSURE/ CATECHOLAMINES, urine/ CUSHING'S SYNDROME, complications/ *ENDOCRINE DISEASES, complications/ FEMALE/ GLUCOCORTICOIDS, secretion/ HUMAN/ HYPERALDOSTERONISM, complications/ HYPERALDOSTERONISM, diagnosis/ *HYPERTENSION, etiology/ HYPERTENSION, metabolism/ MALE/ METYRAPONE, diagnostic use/ MIDDLE AGE/ PHEOCHROMOCYTOMA, complications/ RENIN, blood/ RESERPINE, pharmacodynamics/ REVIEW/ TIME FACTORS

4127. **Torikai T:** [Hypertension and endocrinology]
J Jap Soc Intern Med 57:13-6, 31 Dec 68 (Jap)
CATECHOLAMINES, urine/ CUSHING'S SYNDROME, diagnosis/ *ENDOCRINE DISEASES, complications/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ HYPERALDOSTERONISM, diagnosis/ *HYPERTENSION, complications/ RENIN, blood

4128. **Tornaghi A, Maggi GC, Damiani A:** Il contenuto in iodio sieroproteico nel sangue venoso periferico e nel sangue refluo tiroideo in un gruppo di soggetti ipertiroidei. Arch Ital Chir 94:764-72, 1968 (Ita)
ADULT/ *BLOOD PROTEINS/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, blood/ *IODINE, blood/ MALE/ MIDDLE AGE/ PROTEIN BINDING/ PROTEIN-BOUND IODINE TEST/ VEINS

4129. **Tőh F, Gergely I:** Hormonelle Untersuchungen, Behandlungsmethoden mit Tranquillantien und Norsteroiden bei juveniler Metropathie.
Z Geburtsh Gynaek 170:302-7, 1969 (Ger)
ADOLESCENCE/ CHILD/ ENGLISH ABSTRACT/ ESTROGENS, urine/ FEMALE/ GONADOTROPINS, PITUITARY, urine/ HUMAN/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiopathology/ *METRORRHAGIA/ METRORRHAGIA, drug therapy/ METRORRHAGIA, etiology/ METRORRHAGIA, urine/ NORSTEROIDS, therapeutic use/ PREGNANEDIOL, urine/ TRANQUILIZING AGENTS, therapeutic use

4130. **Tőh F, Hajós F:** Histologische und elektronenmikroskopische Untersuchungen an mit Lynoestrenol behandelten und hypophysekomierten Ratten. Z Geburtsh Gynaek 170:257-64, 1969 (Ger)
ADRENAL GLANDS, pathology/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ FEMALE/ *HYPOPHYSECTOMY/ *LYNESTRENOL, pharmacodynamics/ MICROSCOPY, ELECTRON/ ORGAN WEIGHT/ *OVARY, drug effects/ OVARY, pathology/ PITUITARY GLAND, pathology/ RATS/ UTERUS, pathology

4131. **Tóth F, Horn B, Primász P:** Klinikai vizsgálatok syntheticus gestagenekkel.
Orv Hetil 110:1723-7, 27 Jul 69 (Hun)
BREAST DISEASES, drug therapy/ *CONTRACEPTIVES, ORAL, therapeutic use/ ENDOMETRIOSIS, drug therapy/ FEMALE/ HUMAN/ MENSTRUATION DISORDERS, drug therapy/ *PROGESTATIONAL HORMONES, therapeutic use/ STERILITY, FEMALE, drug therapy

4132. **Totrova EA:** Sostoianie diureza i osnovnykh potsessov mocheobrazovaniia pri éksperimental'nom gipertirze.
Probl Endokr (Moskva) 15:73-6, Jan-Feb 69 (Rus)
ANIMAL EXPERIMENTS/ *DIURESIS/ DOGS/ GLOMERULAR FILTRATION RATE/ *HYPOTHYROIDISM, physiopathology/ *KIDNEY, physiopathology/ THYROXINE, administration & dosage

4133. **Tourinho CR:** Prevenção e tratamento dos distúrbios climatéricos. Hospital (Rio) 75:1453-61, Apr 69 (Por)
*CLIMACTERIC/ FEMALE/ *GYNECOLOGIC DISEASES, prevention & control/ *GYNECOLOGIC DISEASES, therapy/ HUMAN/ MIDDLE AGE/ OVARIAN DISEASES, prevention & control

4134. **Tourney G:** History of biological psychiatry in America.
Amer J Psychiat 126:29-42, Jul 69
ATTITUDE OF HEALTH PERSONNEL/ BIOCHEMISTRY/ BRAIN DAMAGE, CHRONIC, etiology/ ENDOCRINOLOGY/ GENETICS, BEHAVIORAL/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 19TH CENT./ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ MENTAL DISORDERS, etiology/ MENTAL DISORDERS, familial & genetic/ NEUROPHYSIOLOGY/ NUTRITION DISORDERS, complications/ PELLAGRA, etiology/ PERSONALITY/ PREVENTIVE MEDICINE/ *PSYCHIATRY, history/ PSYCHOPHARMACOLOGY/ PSYCHOSOMATIC MEDICINE/ PSYCHOSURGERY/ RESEARCH/ SCHIZOPHRENIC PSYCHOLOGY/ SHOCK THERAPY/ UNITED STATES

4135. **Townsend L, Peppereli RJ:** Induction of labour by amniotomy and micro-infusion of oxytocin (Syntocinon).
Aust New Zeal J Obstet Gynaec 9:82-90, May 69
*AMNION, surgery/ ERYTHROBLASTOSIS, FETAL/ FEMALE/ FETAL MEMBRANES/ GESTATIONAL AGE/ HUMAN/ INJECTIONS, INTRAVENOUS/ *LABOR, INDUCED/ LABOR, INDUCED, adverse effects/ *OXYTOCIN, administration & dosage/ PREGNANCY/ RH FACTORS/ RUPTURE

4136. **Trajković B, Radojičić B, Pekić B:** Klinička slika angina i faringitisa adenovirusnog porekla.
Vojnosanit Pregl 26:19-22, Jan 69 (Cro)
*ADENOVIRUS INFECTIONS, diagnosis/ ADENOVIRUS INFECTIONS, drug therapy/ ADRENAL CORTEX HORMONES, therapeutic use/ HUMAN/ MALE/ MILITARY PERSONNEL/ *PHARYNGITIS, diagnosis/ *RESPIRATORY TRACT INFECTIONS, diagnosis

4137. **Tramu G:** Effets de la castration sur la cytologie antéhypophysaire du cobaye mâle.
C R Soc Biol (Paris) 162:1941-3, May 69 (Fre)
ANIMAL EXPERIMENTS/ CASTRATION/ FSH, secretion/ GUINEA PIGS/ HYPERPLASIA, pathology/ LH, secretion/ MALE/ *PITUITARY GLAND, cytology/ PROLACTIN, secretion/ STAINS AND STAINING/ *TESTIS, physiology

4138. **Traut H:** On the calculation of human mutation rates from changes in sex ratio.
Ann Hum Genet 33:45-51, Jul 69
FEMALE/ GENES, DOMINANT/ GENES, LETHAL/ GENES, RECESSIVE/ *GENETICS, HUMAN/ HUMAN/ MALE/ *MUTATION/ RADIATION INJURY/ RADIOTHERAPY, adverse effects/ SEX CHROMOSOMES/ *SEX RATIO

4139. **Traut H, Scheid W:** The dose-dependence of X-chromosome loss induced by x-rays in mature oocytes of Drosophila melanogaster.
Mutat Res 7:471-4, May-Jun 69
*ANEUPLOIDY, radiation effects/ ANIMAL

EXPERIMENTS/ CHROMOSOME ABERRATIONS, radiation effects/ DROSOPHILA/ FEMALE/ MALE/ MEIOSIS, radiation effects/ OVUM, radiation effects/ *RADIATION GENETICS/ *SEX CHROMOSOMES, radiation effects/ SEX RATIO, radiation effects

4140. **Travers AA**: Bacteriophage sigma factor for RNA polymerase. Nature (London) 223:1107-10, 13 Sep 69
ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ CARBON ISOTOPES/ CENTRIFUGATION, ZONAL/ *COLIPHAGES/ DNA REPLICATION/ ESCHERICHIA COLI, enzymology/ *GENETIC CODE/ *RNA NUCLEOTIDYL- TRANSFERASES, analysis/ TEMPLATES

4141. **Treece G, Ciofalo FR**: Influence of toxic doses of ouabain on catecholamine levels in dogs.
Proc West Pharmacol Soc 12:113-4, 1969
ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ *CATECHOLAMINES, analysis/ DOGS/ ELECTROCARDIOGRAPHY/ EPINEPHRINE, analysis/ MYOCARDIUM, analysis/ NOREPINEPHRINE, analysis/ *OUABAIN, toxicity

4142. **Trezzini C**: Il coma diabetico iperosmolare: basi fisiopatologiche e terapia.
Clin Ter 42:449-58, 15 Sep 67 (43 ref.) (Ita)
CORTICOTROPIN, therapeutic use/ *DIABETIC COMA/ DIABETIC COMA, metabolism/ DIABETIC COMA, therapy/ GLUCOSE, therapeutic use/ HUMAN/ INSULIN, therapeutic use/ LACTATES, therapeutic use/ OSMOLAR CONCENTRATION/ REVIEW/ *WATER-ELECTROLYTE BALANCE

4143. **Trible WM**: Cancer of the oral cavity. Five year end results in 237 patients. Ann Otol 78:716-24, Aug 69
ADOLESCENCE/ ADULT/ AGED/ *CARCINOMA/ CHEEK/ DIAGNOSIS, DIFFERENTIAL/ DISGERMINOMA/ FEMALE/ HUMAN/ INFLAMMATION, diagnosis/ LYMPH NODES, pathology/ MALE/ MELANOMA/ MIDDLE AGE/ *MOUTH NEOPLASMS/ MOUTH NEOPLASMS, classification/ MOUTH NEOPLASMS, occurrence/ MOUTH NEOPLASMS, radiotherapy/ MOUTH NEOPLASMS, surgery/ NEOPLASM METASTASIS/ PALATAL NEOPLASMS, mortality/ PROGNOSIS/ RACIAL STOCKS/ RHABDOMYOSARCOMA/ SUBMANDIBULAR GLAND, pathology/ TONGUE NEOPLASMS, mortality

4144. **Trifaró JM**: The effect of Ca++ omission on the secretion of catecholamines and the incorporation of orthophosphate-32P into nucleotides and phospholipids of bovine adrenal medulla during acetylcholine stimulation.
Molec Pharmacol 5:424-7, Jul 69
*ACETYLCHOLINE, pharmacodynamics/ ADRENAL MEDULLA, metabolism/ *ADRENAL MEDULLA, metabolism/ ADRENAL MEDULLA, secretion/ ANIMAL EXPERIMENTS/ *CALCIUM, pharmacodynamics/ *CATECHOLAMINES, secretion/ CATTLE/ CEPHALINS, metabolism/ IN VITRO/ LECITHINS, metabolism/ NUCLEOTIDES, analysis/ *NUCLEOTIDES, metabolism/ PHOSPHATES, analysis/ *PHOSPHATES, metabolism/ PHOSPHOINOSITIDES, metabolism/ PHOSPHOLIPIDS, analysis/ *PHOSPHOLIPIDS, metabolism/ PHOSPHORUS ISOTOPES/ PHYSOSTIGMINE, pharmacodynamics/ SPHINGOMYELINS, metabolism

4145. **Trifaró JM**: Phospholipid metabolism and adrenal medullary activity. I. The effect of acetylcholine on tissue uptake and incorporation of orthophosphate-32P into nucleotides and phospholipids of bovine adrenal medulla.
Molec Pharmacol 5:382-93, Jul 69
*ACETYLCHOLINE, pharmacodynamics/ ADRENAL MEDULLA, analysis/ *ADRENAL MEDULLA, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CATTLE/ CEPHALINS, metabolism/ GLYCERIN, metabolism/ IN VITRO/ LECITHINS, metabolism/ LYSOLECITHIN, metabolism/ NUCLEOTIDES, analysis/ *NUCLEOTIDES, metabolism/ PHOSPHATES, analysis/ *PHOSPHATES, metabolism/ PHOSPHOINOSITIDES, metabolism/ PHOSPHOLIPIDS, analysis/ *PHOSPHOLIPIDS, metabolism/ PHYSOSTIGMINE, pharmacodynamics/ SPHINGOMYELINS, metabolism/ TIME FACTORS

4146. **Trimarchi F**: L'azione dei barbiturici sull'elettroretinogramma.
Ann Ottal 94:1225-9, Oct 68 (Ita)
ANIMAL EXPERIMENTS/ *BARBITURATES, pharmacodynamics/ ELECTRORETINOGRAPHY/ HYPOTHALAMUS, drug effects/ *OPTIC NERVE, drug effects/ RABBITS/ RETICULAR FORMATION, drug effects/ *RETINA, physiology

4147. **Trinci M, Cantarano G, Centi Colella A, et al**: Rilievi radiologici, scintigrafici e bioptici nelle lesioni neoplastiche dello scheletro studiate con radio-stronzio (85Sr)
Nunt Radiol 33:1191-200, Oct 67 (Ita)
ADOLESCENCE/ ADULT/ BONE AND BONES, pathology/ *BONE NEOPLASMS, diagnosis/ BONE NEOPLASMS, pathology/ BONE NEOPLASMS, radiography/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ NEOPLASM METASTASIS/ OSTEOSCLEROSIS, diagnosis/ *RADIOISOTOPE SCANNING/ *STRONTIUM ISOTOPES/ TIBIA

4148. **Trippi AC, Garner JT, Kassabian JT, et al**: A new approach to inoperable craniopharyngiomas.
Amer J Surg 118:307-10, Aug 69
ADULT/ *BRAIN NEOPLASMS, radiotherapy/ *BRAIN NEOPLASMS, surgery/ CATHETERIZATION/ CHILD/ *CRANIOPHARYNGIOMA, radiotherapy/ *CRANIOPHARYNGIOMA, surgery/ DRAINAGE/ FEMALE/ HUMAN/ METHODS/ *PHOSPHORUS ISOTOPES

4149. **Tritsch H, Lischka G**: Werner-Syndrom, kombiniert mit Pseudo-Klinefelter-Syndrom.
Hautarzt 19:547-51, Dec 68 (Ger)
ADULT/ CONNECTIVE TISSUE, pathology/ DIABETES MELLITUS, complications/ GONADOTROPINS, urine/ HUMAN/ 17-KETOSTEROIDS, urine/ *KLINEFELTER'S SYNDROME, diagnosis/ KLINEFELTER'S SYNDROME, pathology/ MALE/ SKIN, pathology/ TESTIS, pathology/ *WERNER'S SYNDROME, complications/ WERNER'S SYNDROME, pathology/ WERNER'S SYNDROME, urine

4150. **Troop RC**: Inhibition of steroid delta-4-reductase by polysulfated polysaccharides and para-chloromercuribenzoic acid.
Europ J Pharmacol 7:80-4, Jul 69
ANIMAL EXPERIMENTS/ CHLOROMERCURIBENZOATES, antagonists & inhibitors/ *CHLOROMERCURIBENZOATES, pharmacodynamics/ CHONDROITIN, pharmacodynamics/ CORTISONE, metabolism/ FEMALE/ GLUTATHIONE, pharmacodynamics/ HEPARIN, pharmacodynamics/ HYALURONIC ACID, pharmacodynamics/ *HYDROXYSTEROID DEHYDROGENASE, antagonists & inhibitors/ *POLYSACCHARIDES, pharmacodynamics/ RATS/ *SULFATES, pharmacodynamics

4151. **Troshev K**: Contribution to the anthropometric study of the penis in a group of Bulgarian boys from birth to the age of seven years.
Acta Chir Plast (Praha) 11:140-8, 1969
ANTHROPOMETRY/ BULGARIA/ CHILD/ CHILD, PRESCHOOL/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ *PENIS, growth & development/ *SCROTUM, growth & development/ *TESTIS, growth & development

4152. **Trotter M, Peterson RR**: Weight of bone during the fetal period. Growth 33:167-84, Jun 69

AGE FACTORS/ ANTHROPOMETRY/ BIOMETRY/ *BONE AND BONES, anatomy & histology/ CAUCASIAN RACE/ FEMALE/ FEMUR, anatomy & histology/ *FETUS, anatomy & histology/ GESTATIONAL AGE/ HUMAN/ HUMERUS, anatomy & histology/ MALE/ NEGROID RACE/ *ORGAN WEIGHT/ RADIUS, anatomy & histology/ SEX FACTORS/ TIBIA, anatomy & histology

4153. **Trotter M, Peterson RR:** Weight of bone in the fetus during the last half of pregnancy.
Clin Orthop 65:46-50, Jul-Aug 69
AGE FACTORS/ ANTHROPOMETRY/ *BIRTH WEIGHT/ BODY HEIGHT/ *BODY WEIGHT/ *BONE AND BONES, growth & development/ CAUCASIAN RACE/ FEMALE/ FEMUR/ *FETUS, growth & development/ GESTATIONAL AGE/ HUMAN/ HUMERUS/ *INFANT, NEWBORN/ MALE/ NEGROID RACE/ PREGNANCY

4154. **Trudeau WL, McGuigan JE:** Effects of calcium on serum gastrin levels in the zollinger-Ellison syndrome. New Eng J Med 281:862-6, 16 Oct 69
CALCIUM, blood/ *CALCIUM, blood/ *CALCIUM, pharmacodynamics/ FASTING/ GASTRECTOMY/ GASTRIC JUICE, secretion/ HUMAN/ HYPERPARATHYROIDISM, surgery/ HYPOCALCEMIA/ INSULIN, blood/ MALE/ MIDDLE AGE/ PARATHYROID GLANDS, surgery/ PARATHYROID HORMONE, pharmacodynamics/ RADIOIMMUNOASSAY/ *ZOLLINGER-ELLISON SYNDROME, blood

4155. **Trujillo JM, Ohno S, Jardine JH, et al:** Spermatogenesis in a male hinny: histological and cytological studies.
J Hered 60:79-84, Mar-Apr 69
ANIMAL EXPERIMENTS/ *CHROMOSOMES/ FEMALE/ GLUCOSEPHOSPHATE DEHYDROGENASE, analysis/ HORSES/ *HYBRIDIZATION/ KARYOTYPING/ MALE/ MEIOSIS/ POLYPLOIDY/ *SPERMATOZOA, cytology/ *TESTIS, anatomy & histology

4156. **Try K:** Herdopathia atactica polyneuritiformis (Refsum's disease). The diagnostic value of phytamic acid determination in serum lipids.
Europ Neurol 2:296-314, 1969
ADOLESCENCE/ ADULT/ AGED/ AMAUROTIC FAMILIAL IDIOCY, blood/ BRAIN DISEASES, blood/ CEREBELLAR ATAXIA, blood/ CHILD/ CHILD, PRESCHOOL/ CHROMATOGRAPHY, GAS/ DIAGNOSIS, DIFFERENTIAL/ DWARFISM, blood/ FATTY ACIDS, analysis/ *FATTY ACIDS, blood/ FEMALE/ FRIEDREICH'S ATAXIA, blood/ HUMAN/ HYPERCHOLESTEREMIA, blood/ ICHTHYOSIS, blood/ LIPOIDOSIS, blood/ MALE/ MIDDLE AGE/ MUSCULAR ATROPHY, blood/ POLYNEURITIS, blood/ *REFSUM'S SYNDROME, blood/ RETINITIS PIGMENTOSA, blood/ SJOGREN'S SYNDROME, blood

4157. **Trygstad CW, Mangos JA, Bloodworth JM Jr, et al:** A sibship with Bartter's syndrome: failure of total adrenalectomy to correct the potassium wasting.
Pediatrics 44:234-42, Aug 69
*ADRENAL GLAND DISEASES/ ADRENAL GLAND DISEASES, familial & genetic/ ADRENALECTOMY/ ALDOSTERONE, secretion/ *ALKALOSIS/ ANGIOTENSIN, diagnostic use/ CHILD, PRESCHOOL/ ERYTHROCYTES, analysis/ FEMALE/ HUMAN/ *HYPERALDOSTERONISM/ HYPERALDOSTERONISM, familial & genetic/ HYPERPLASIA/ HYPERTROPHY/ *HYPOKALEMIA, etiology/ HYPOKALEMIA, familial & genetic/ HYPOKALEMIA, surgery/ HYPONATREMIA, etiology/ INFANT/ *JUXTAGLOMERULAR APPARATUS/ KIDNEY, pathology/ KIDNEY, physiopathology/ MALE/ POTASSIUM, analysis/ RENIN, blood/ SODIUM, analysis

4158. **Tsacalidis D, Manios S, Kanakoudi F, et al:** Conditions related to the influence of prednisolone on the mantoux reaction in children.
Helv Paediat Acta 24:323-8, Jun 69
CHILD/ CHILD, PRESCHOOL/ HUMAN/ INFANT/ *PREDNISOLONE, pharmacodynamics/ *TUBERCULIN TEST/ TUBERCULOSIS IN CHILDHOOD, diagnosis

4159. **Tsao YC, Chan WC, Gibson JB:** Persistent proteinuria in children. Arch Dis Child 44:443-53, Aug 69
BETA GLOBULIN, analysis/ BIOPSY/ CHILD/ CHILD, PRESCHOOL/ CHRONIC DISEASE/ CYCLOPHOSPHAMIDE, therapeutic use/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ GAMMA GLOBULIN, 7S, analysis/ GLOMERULONEPHRITIS, pathology/ HUMAN/ KIDNEY, pathology/ MALE/ NEPHROTIC SYNDROME, pathology/ PREDNISONE, therapeutic use/ PROTEINURIA, drug therapy/ PROTEINURIA, etiology/ *PROTEINURIA, pathology

4160. **Tschamer H:** Die lokalmedikamentöse Behandlung von entzündlichen Stomatopathien mit einem Kortikoid-Kombinationspräparat.
Zahnaerztl Welt 78:761-4, 10 Sep 69 (Ger)
*ADRENAL CORTEX HORMONES, therapeutic use/ *GINGIVAL DISEASES, drug therapy/ HUMAN/ *STOMATITIS, drug therapy

4161. **Tschesche R, Lüdke G, Wulff G:** Steroidsaponine mit mehr als einer Zuckerkette. II. Sarsaparillosid, ein bisdesmosidisches 22-Hydroxy-furostanol-saponin.
Chem Ber 102:1253-69, 1969 (Ger)
CHEMISTRY/ *FUROSTANS/ *SAPONINS/ SAPONINS, isolation & purification/ SAPONINS, pharmacodynamics/ SARSAPARILLA, analysis/ *STEROIDS

4162. **Tsirul'nikova RM, Usol'tsev AN:** Sleduet li operirovat' metastazy raka v mozg (obzor literatury)
Vop Neirokhir 33:55-9, May-Jun 69 (75 ref.) (Rus)
BRAIN EDEMA/ BRAIN NEOPLASMS, history/ BRAIN NEOPLASMS, mortality/ BRAIN NEOPLASMS, radiography/ BRAIN NEOPLASMS, radiotherapy/ *BRAIN NEOPLASMS, surgery/ BRAIN NEOPLASMS, therapy/ CEREBRAL ANGIOGRAPHY/ CORTICOTROPIN, therapeutic use/ HUMAN/ INTRACRANIAL PRESSURE/ NEOPLASM METASTASIS/ NEUROSURGERY, history/ POSTOPERATIVE COMPLICATIONS/ REVIEW/ TREPHINING

4163. **Tsuchiya K, Toru M, Kobayashi T:** Sleep deprivation: changes of monoamines and acetylcholine in rat brain.
Life Sci 8:867-73, 1 Aug 69
*ACETYLCHOLINE, analysis/ *AMINES, analysis/ ANIMAL EXPERIMENTS/ AVOIDANCE LEARNING/ *BRAIN CHEMISTRY/ BRAIN STEM, analysis/ CONDITIONING, OPERANT/ DIENCEPHALON, analysis/ ELECTROSHOCK/ MALE/ NOREPINEPHRINE, analysis/ RATS/ SEROTONIN, analysis/ *SLEEP DEPRIVATION/ SLEEP, REM/ TELENCEPHALON, analysis

4164. **Tsuchiya M, Ishii H, Murai S, et al:** [Case of insulinoma with multiple stomach ulcer in an aged woman]
Saishin Igaku 24:893-903, Apr 69 (Jap)
AGED/ BLOOD SUGAR, analysis/ ELECTROCARDIOGRAPHY/ ELECTROENCEPHALOGRAPHY/ FEMALE/ HUMAN/ INSULIN, blood/ *ISLET CELL TUMOR, complications/ *PANCREATIC NEOPLASMS, complications/ SOMATOTROPIN, blood/ *STOMACH ULCER, complications

4165. **Tsuji S, Sakoda M, Okuno T, et al:** [Neuroendocrine mechanism in the control of TSH secretion. 3. TRF determination in vitro]
Saishin Igaku 24:876-83, Apr 69 (Jap)
ANIMAL EXPERIMENTS/ CORTICOTROPIN RELEASING FACTOR, analysis/ IN VITRO/ MALE/ PITUITARY GLAND, secretion/ RATS/ THYROTROPIN, secretion/ *THYROTROPIN RELEASING FACTOR, analysis/ TISSUE CULTURE

4166. **Tsuji S, Sakoda M:** [Factors regulating TSH secretion]
Saishin Igaku 24:976-82, May 69 (Jap)

ANIMAL EXPERIMENTS/ CATECHOLAMINES, pharmacodynamics/ HYPOTHALAMUS, secretion/ IN VITRO/ NEUROSECRETION/ PROTEINS, biosynthesis/ RABBITS/ THYROIDECTOMY/ THYROTROPIN, blood/ *THYROTROPIN, secretion/ THYROTROPIN RELEASING FACTOR/ TISSUE CULTURE/ TYROSINE, secretion

4167. **Tsuji S, Sakoda M:** [Clinical, neurological and endocrinological studies of hypothalamo-hypophyseal diseases] Saishin Igaku 24:1034-8, May 69 **(Jap)**
*BRAIN DISEASES/ BRAIN DISEASES, diagnosis/ BRAIN DISEASES, metabolism/ HUMAN/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM/ NEUROLOGIC MANIFESTATIONS

4168. **Tsukahara Y, Taguchi H:** An autopsy case of bilateral cortical necrosis of the kidneys.
Acta Path Jap 19:45-53, Feb 69
ABRUPTIO PLACENTAE, complications/ ADRENAL GLANDS, pathology/ ADULT/ ANURIA, complications/ BLOOD UREA NITROGEN/ BRAIN, pathology/ EDEMA, complications/ FEMALE/ FETAL DEATH, complications/ FIBRINOGEN, therapeutic use/ HUMAN/ HYPERTENSION, complications/ KIDNEY, pathology/ KIDNEY CORTEX NECROSIS, complications/ *KIDNEY CORTEX NECROSIS, pathology/ KIDNEY FAILURE, ACUTE, etiology/ LIVER, pathology/ PERITONEAL DIALYSIS/ PITUITARY GLAND, pathology/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ UTERINE HEMORRHAGE, complications

4169. **Tsunenari Y:** [Correlation between mitotic rhythm in the intestinal epithelium and endocrine activity in the rat] J Tokyo Med Coll 27:191-7, 1969 **(Jap)**
*ADRENAL GLANDS, physiology/ ANIMAL EXPERIMENTS/ *CIRCADIAN RHYTHM/ COLON, cytology/ DUODENUM, cytology/ ENGLISH ABSTRACT/ EPITHELIUM, cytology/ ILEUM, cytology/ *INTESTINES, cytology/ LIGHT/ MALE/ *MITOSIS/ RATS

4170. **Tsuruta T, Nishida M, Sano M, et al:** [Radiologic study of the supernumerary bones of the foot]
Rinsho Hosha 14:460-71, Jun 69 **(Jap)**
ABNORMALITIES, occurrence/ ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ *BONE AND BONES, abnormalities/ CHILD/ FEMALE/ *FOOT, abnormalities/ FOOT, radiography/ HUMAN/ MALE/ MIDDLE AGE/ SEX FACTORS

4171. **Tsybulevskaia VI, Barats RL, Gorban' MT:** Effektivnost' lecheniia bol'nykh nespetsificheskim iazvennym kolitom. Vrach Delo 5:128-9, May 67 **(Rus)**
ADULT/ AGED/ ANTIBIOTICS, therapeutic use/ BLOOD TRANSFUSION/ COLITIS, ULCERATIVE, drug therapy/ *COLITIS, ULCERATIVE, therapy/ DIET THERAPY/ FEMALE/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ POTASSIUM CHLORIDE, therapeutic use/ PROCAINE, therapeutic use/ VITAMINS, therapeutic use

4172. **Tucker HS Jr, Estep HL, Hume DM, et al:** Cushing's syndrome with nodular adrenal hyperplasia.
Trans Amer Clin Climat Ass 80:37-49, 1969
ADRENAL GLAND DISEASES, blood/ *ADRENAL GLAND DISEASES, complications/ ADRENAL GLAND DISEASES, radiography/ ADRENALECTOMY/ ADULT/ CATHETERIZATION/ CUSHING'S SYNDROME, blood/ *CUSHING'S SYNDROME, etiology/ CUSHING'S SYNDROME, radiography/ FEMALE/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, blood/ HYPERPLASIA/ PHLEBOGRAPHY

4173. **Tufano MA, Romano C, Galdiero F:** Ricerche preliminari sul metabolismo minerale in Bacillus stearothermophilus.
Riv Ist Sieroter Ital 43:314-22, Nov-Dec 68 **(Ita)**
*BACILLUS, metabolism/ BINDING SITES/ CALCIUM, metabolism/ CALCIUM ISOTOPES/ CULTURE MEDIA/ DINITROPHENOLS, pharmacodynamics/ ENGLISH ABSTRACT/ GLUCOSE, pharmacodynamics/ IODOACETATES, pharmacodynamics/ MAGNESIUM, metabolism/ POTASSIUM, metabolism/ POTASSIUM ISOTOPES/ RADIOISOTOPES/ SODIUM, metabolism/ SODIUM ISOTOPES/ *TEMPERATURE

4174. **Tuft L:** Migratory atelectasis. J Allerg 44:189-90, Sep 69
ASTHMA, drug therapy/ *ATELECTASIS, etiology/ CHILD/ *DRUG WITHDRAWAL SYMPTOMS/ FEMALE/ GLUCOCORTICOIDS, administration & dosage/ HUMAN

4175. **Tugunov SS, Bulovskaia LN, Sofronov BN, et al:** Otsenka étapov poluchenila gormonov i ikh chistoty immunologicheskimi metodami. Obnaurzhenie derivata tireotropina.
Probl Endokr (Moskva) 13:96-9, May-Jun 67 **(Rus)**
*CORTICOTROPIN, isolation & purification/ ENGLISH ABSTRACT/ IMMUNOASSAY/ *THYROTROPIN, isolation & purification

4176. **Tuomisto J:** Release of histamine by reserpine from rabbit blood platelets.
Ann Med Exp Biol Fenn 46:441-6, 1968
ANIMAL EXPERIMENTS/ *BLOOD PLATELETS, drug effects/ *HISTAMINE, blood/ IN VITRO/ RABBITS/ *RESERPINE, pharmacodynamics/ SEROTONIN, blood

4177. **Türker RK, Khairallah PA:** Prostaglandin e1 action on canine isolated tracheal muscle.
J Pharm Pharmacol 21:498-501, Aug 69
ACETYLCHOLINE, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ BRADYKININ, pharmacodynamics/ DEPRESSION, CHEMICAL/ DOGS/ ERGOTAMINE, pharmacodynamics/ IN VITRO/ ISOPROTERENOL, pharmacodynamics/ METHYSERGIDE, pharmacodynamics/ MORPHINE, pharmacodynamics/ *MUSCLE, SMOOTH, drug effects/ PROPRANOLOL, pharmacodynamics/ *PROSTAGLANDINS, pharmacodynamics/ RECEPTORS, DRUG/ SEROTONIN, antagonists & inhibitors/ *TRACHEA, drug effects

4178. **Turkington RW:** The role of epithelial growth factor in mammary gland development in vitro.
Exp Cell Res 57:79-85, Sep 69
ALBUMINS, biosynthesis/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CASEIN, biosynthesis/ *CELL DIFFERENTIATION, drug effects/ CELL DIVISION, drug effects/ *DNA, biosynthesis/ *EPITHELIUM, growth & development/ FEMALE/ *GROWTH SUBSTANCES, physiology/ HYDROCORTISONE, pharmacodynamics/ INSULIN, physiology/ LACTOSE/ LIGASES, metabolism/ MAMMAE, cytology/ *MAMMAE, growth & development/ MICE/ PHOSPHORUS ISOTOPES/ PROLACTIN, physiology/ PROTEINS/ RNA, biosynthesis/ SUBMANDIBULAR GLAND, secretion/ TISSUE CULTURE/ TRITIUM

4179. **Turnbull F:** Neurosurgery in the control of unmanageable affective reactions: a critical review.
Clin Neurosurg 16:218-33, 1969
*AFFECTIVE DISTURBANCES, surgery/ AGGRESSION/ AMYGDALOID BODY/ BRAIN, physiopathology/ CEREBRAL CORTEX, anatomy & histology/ GYRUS CINGULI, surgery/ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ LIMBIC SYSTEM, anatomy & histology/ METHODS/ *NEUROSURGERY/ NEUROSURGERY, history/ PSYCHOSURGERY/ STEREOTAXIC TECHNICS

4180. **Turner CD:** Experimental reversal of germ cells.
Embryologia (Nagoya) 10:206-30, Feb 69 (23 ref.)
AMPHIBIA, embryology/ ANDROGENS, pharmacodynamics/ ANIMAL EXPERIMENTS/ BIRDS, embryology/ ESTROGENS, pharmacodynamics/ FEMALE/ FISHES, embryology/ *GERM CELLS/ *HERMAPHRODITISM/ INVERTEBRATES, embryology/ MALE/ MAMMALS, embryology/ MICE/ OVARY, embryology/ OVARY, transplantation/ PREGNANCY/ RATS/

REVIEW/ RODENTS, embryology/ *SEX DETERMINATION/ TESTIS, embryology/ TRANSPLANTATION, HOMOLOGOUS

4181. **Turner M, Cavagnaro J, Villanueva GG:** Estudios electroneurofisilógicos (electroencefalografía y electromiografía) en una población de niños hipotiroideos.
Prensa Med Argent 54:1964-8, 27 Oct 67 (Spa)
ADOLESCENCE/ CHILD, CHILD, PRESCHOOL/ ELECTROENCEPHALOGRAPHY/ ELECTROMYOGRAPHY/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPOTHYROIDISM, diagnosis/ INFANT/ MALE

4182. **Turner RB, Maheswary NP:** Biochemical effects of apholate on mosquito ovarian tissue.
J Econ Entom 62:1091-5, Sep 69
*AEDES, drug effects/ ALKALINE PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ *AZIRINES, pharmacodynamics/ *OVARY, drug effects/ OVARY, enzymology

4183. **Turolla E, Baldratti G, Scrascia E, et al:** Effect of ergocornine on the luteal 20alpha-hydroxysteroid dehydrogenase in pseudopregnant and pregnant rats.
Experientia 25:415-6, 15 Apr 69
ANIMAL EXPERIMENTS/ CORPUS LUTEUM, drug effects/ *CORPUS LUTEUM, enzymology/ *ERGOT ALKALOIDS, pharmacodynamics/ FEMALE/ HISTOCYTOCHEMISTRY/ HYDROXYPROGESTERONE, metabolism/ *HYDROXYSTEROID DEHYDROGENASE, metabolism/ PREGNANCY/ *PREGNANCY, ANIMAL/ PROGESTERONE, metabolism/ *PSEUDOPREGNANCY/ RATS/ STIMULATION, CHEMICAL

4184. **Tursky B, Watson PD, O'Connell DN:** An evaluation of tetany produced by electric shock.
Psychophysiology 6:31-7, Jul 69
ELECTRODES/ ELECTROSHOCK/ *ELECTROSHOCK, instrumentation/ METHODS/ PAIN, etiology/ *TETANY, etiology

4185. **Tveter KJ:** Distribution of radioactivity in the different lobes of the rat prostate following administration of testosterone-1,2-3H.
Acta Endocr (Kobenhavn) 60:60-8, Jan 69
ANIMAL EXPERIMENTS/ CASTRATION/ MALE/ MUSCLES, analysis/ MUSCLES, metabolism/ ORGAN WEIGHT/ PROSTATE, analysis/ *PROSTATE, metabolism/ RATS/ TESTOSTERONE, analysis/ *TESTOSTERONE, metabolism/ TRITIUM

4186. **Tveter KJ, Aakvaag A:** Uptake and metabolism in vivo of testosterone-1,2-3H by accessory sex organs of male rats; influence of some hormonal compounds.
Endocrinology 85:683-9, Oct 69
ANDROSTANES, isolation & purification/ ANDROSTANES, pharmacodynamics/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, PAPER/ CORTICOSTERONE, pharmacodynamics/ DEPRESSION, CHEMICAL/ DIETHYLSTILBESTROL, pharmacodynamics/ ESTRADIOL, pharmacodynamics/ 17-KETOSTEROIDS, pharmacodynamics/ MALE/ METHYLTESTOSTERONE, pharmacodynamics/ NORMETHANDROLONE, pharmacodynamics/ PROGESTERONE, pharmacodynamics/ PROSTATE, drug effects/ *PROSTATE, metabolism/ RATS/ SEMINAL VESICLES, drug effects/ *SEMINAL VESICLES, drug effects/ STANOLONE, isolation & purification/ STEROLS, isolation & purification/ TESTOSTERONE, isolation & purification/ *TESTOSTERONE, metabolism/ TRITIUM

4187. **Tympanidis K, Astrup T:** Hormonal influence on fibrinolytic activity of uterus and vagina in the juvenile rat.
Acta Endocr (Kobenhavn) 60:69-78, Jan 69
ANIMAL EXPERIMENTS/ ARTERIES/ ENDOMETRIUM, blood supply/ *ENDOMETRIUM, drug effects/ *EPITHELIUM, drug effects/ ESTRADIOL, pharmacodynamics/ FEMALE/ *FIBRINOLYSIS, drug effects/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ GONADOTROPINS, PITUITARY, pharmacodynamics/ HISTOCYTOCHEMISTRY/ MUCOUS MEMBRANE, drug effects/ MUSCLE, SMOOTH, blood supply/ PROGESTERONE, pharmacodynamics/ RATS/ *SEX HORMONES, pharmacodynamics/ UTERUS, drug effects/ VAGINA, drug effects

4188. **Tyndale-Biscoe CH:** Relaxing activity during the oestrous cycle of the marsupial, Trichosurus vulpecula (Kerr). J Reprod Fertil 19:191-3, Jun 69
ANIMAL EXPERIMENTS/ *CORPUS LUTEUM, analysis/ *ESTRUS/ FEMALE/ *OPOSSUMS, physiology/ *RELAXIN, analysis/ RELAXIN, blood

4189. **Tyson JE, Fiedler A:** Hyperglycemia and arginine-initiated growth-hormone release during pregnancy. Obstet Gynec 34:319-21, Sep 69
*ARGININE, pharmacodynamics/ BLOOD SUGAR, analysis/ FEMALE/ GESTATIONAL AGE/ GLUCOSE, pharmacodynamics/ HUMAN/ *HYPERGLYCEMIA/ HYPOGLYCEMIA/ INSULIN, pharmacodynamics/ PITUITARY GLAND, physiology/ *PREGNANCY/ SOMATOTROPIN, blood/ *SOMATOTROPIN, secretion

U

4190. **Uchida K, Kadowaki M, Miyata K, et al:** Biphasic effect of estrogen on rat plasma cholesterol level and its interaction by androgen. Endocr Jap 16:211-4, Feb 69
*ANDROGENS, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTICHOLESTEREMIC AGENTS/ *CHOLESTEROL, blood/ ESTRADIOL, pharmacodynamics/ ESTRIOL, pharmacodynamics/ *ESTROGENS, pharmacodynamics/ ESTRONE, pharmacodynamics/ ETHINYL ESTRADIOL, pharmacodynamics/ HEXESTROL, pharmacodynamics/ INJECTIONS, SUBCUTANEOUS/ MALE/ PROPIONATES/ RATS/ TESTOSTERONE

4191. **Uchida K, Kadowaki M, Miyake T:** Acute effects of various gonadotropins and other pituitary hormones on preovulatory ovarian progestin secretion in hypophysectomized rats. Endocr Jap 16:239-49, Apr 69
ANIMAL EXPERIMENTS/ CORTICOTROPIN, pharmacodynamics/ ESTRUS/ FEMALE/ FSH, pharmacodynamics/ GONADOTROPINS, EQUINE, pharmacodynamics/ *GONADOTROPINS, PITUITARY, pharmacodynamics/ HYPOPHYSECTOMY/ INJECTIONS, INTRAVENOUS/ LH, pharmacodynamics/ *OVARY, secretion/ OXYTOCIN, pharmacodynamics/ *PITUITARY GLAND, physiology/ *PITUITARY HORMONES, ANTERIOR, pharmacodynamics/ *PITUITARY HORMONES, POSTERIOR, pharmacodynamics/ PREGNANCY/ *PROGESTERONE, secretion/ PROLACTIN, pharmacodynamics/ RABBITS/ SOMATOTROPIN, pharmacodynamics/ THYROTROPIN, pharmacodynamics/ TIME FACTORS/ TISSUE EXTRACTS, pharmacodynamics/ VASOPRESSIN, pharmacodynamics

4192. **Uchida K, Kadowaki M, Miyake T:** Ovarian secretion of progesterone and 20alpha-hydroxypregn-4-en-3-one during rat estrous cycle in chronological relation to pituitary release of luteinizing hormone.
Endocr Jap 16:227-37, Apr 69
ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, THIN LAYER/ ESTROGENS, secretion/ *ESTRUS/ FEMALE/ HYPOPHYSECTOMY/ LH, secretion/ *LH, secretion/ OVARY, analysis/ *OVARY, secretion/ *PITUITARY GLAND, secretion/ *PREGNANES, secretion/ PROGESTATIONAL HORMONES, analysis/ *PROGESTERONE, secretion/ RATS/ SECRETORY RATE/ STEROIDS, analysis/ *STEROLS, secretion

4193. **Uchida Y, Kamisaka K, Ueda H:** Responses of the cardiac sympathetic receptors to various substances.
Jap Heart J 10:225-42, May 69
ACETIC ACIDS, pharmacodynamics/ ACETYLCHOLINE, pharmacodynamics/ ALCOHOL, ETHYL, pharmacodynamics/ ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ BRADYKININ, pharmacodynamics/ CHLORIDES, pharmacodynamics/ DOGS/ DOPA, pharmacodynamics/ DOPAMINE, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ GLYCERYL TRINITRATE, pharmacodynamics/ *HEART, drug effects/ HEART RATE, drug effects/ HEART VENTRICLE, drug effects/ HISTAMINE, pharmacodynamics/ HYDROCHLORIC ACID, pharmacodynamics/ INJECTIONS/ INJECTIONS, INTRAVENOUS/ ISOPROTERENOL, pharmacodynamics/ LACTATES, pharmacodynamics/ MANDELIC ACID, pharmacodynamics/ NOREPINEPHRINE, pharmacodynamics/ NUCLEOSIDES, pharmacodynamics/ PHENOXYBENZAMINE, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ PYRUVATES, pharmacodynamics/ *RECEPTORS, DRUG/ SEROTONIN, pharmacodynamics/ *SYMPATHETIC NERVOUS SYSTEM, drug effects

4194. **Uchiyama G:** [Differential diagnosis of thyroid tumor using cesium radioisotopes]
Jap J Cancer Clin 15:252-3, Mar 69 (Jap)
*ADENOCARCINOMA, diagnosis/ *ADENOCARCINOMA, PAPILLARY, diagnosis/ *CESIUM ISOTOPES/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ *THYROID NEOPLASMS, diagnosis

4195. **Udalov SK, Mukhina MP:** Funktsiia sistemy gipofiz-kora nadpochechnikov u bol'nykh kostno-sustavnym tuberkulezom i ee sviaz' s obezbolivaniem i operatsionnoĭ travmoĭ.
Probl Tuberk 45:69-74, 1967 (Rus)
*ANESTHESIA, adverse effects/ FEMALE/ HUMAN/ MALE/ *PITUITARY-ADRENAL SYSTEM/ POSTOPERATIVE COMPLICATIONS/ *STRESS/ *TUBERCULOSIS, OSTEOARTICULAR, physiopathology/ *TUBERCULOSIS, OSTEOARTICULAR, surgery

4196. **Udod VM, Duzhak AI:** Izmenenie kontsentratsii sialovykh kislot syvorotki krovi u bol'nykh éndemicheskim zobom do i posle operatii.
Probl Endokr (Moskva) 14:45-7, May-Jun 68 (Rus)
ENGLISH ABSTRACT/ *GOITER, blood/ GOITER, surgery/ HUMAN/ HYPERTHYROIDISM, blood/ HYPERTHYROIDISM, surgery/ *NEURAMINIC ACIDS, blood

4197. **Udod VM, Kuz'mak NI, Lavrukhin IG:** Dinamika glikoproteidnogo obmena u bol'nykh zobom v protsesse khirurgicheskogo lecheniia.
Probl Endokr (Moskva) 15:13-7, May-Jun 69 (Rus)
ADOLESCENCE/ ADULT/ AGED/ ENGLISH ABSTRACT/ FEMALE/ *GLYCOPROTEINS, metabolism/ *GOITER, metabolism/ GOITER, surgery/ HUMAN/ *HYPERTHYROIDISM, metabolism/ MALE/ MIDDLE AGE/ SERUM ALBUMIN/ SERUM GLOBULIN/ TIME FACTORS

4198. **Udupa KN, Singh KP, Gupta RC:** Experience with the treatment of primary thyrotoxicosis.
J Indian Med Ass 52:416-7, 1 May 69
ADOLESCENCE/ ADULT/ AGED/ CHILD/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, drug therapy/ *IODINE ISOTOPES, therapeutic use/ MALE/ MIDDLE AGE/ *THYROID ANTAGONISTS, therapeutic use/ *THYROIDECTOMY

4199. **Ueda K, Sugawara S:** [H20 (hypotonia, hypomentia and obesity) syndrome]
Jap J Clin Med 27:1510-1, May 69 (Jap)
BLOOD SUGAR, analysis/ BODY WEIGHT/ *CARBOHYDRATE METABOLISM, INBORN ERRORS/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ HYPOGONADISM, complications/ MALE/ MENTAL RETARDATION, complications/ *METABOLISM, INBORN ERRORS/ MUSCULAR DISEASES, complications/ OBESITY, complications

4200. **Ueki H:** [Studies on the high molecular weight parotin-like substance in human saliva. II. Biological activity] J Pharm Soc Jap 89:492-5, Apr 69 (Jap)
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CALCIUM, blood/ CITRATES, blood/ COMPARATIVE STUDY/ *HORMONES, pharmacodynamics/ HUMAN/ LEUKOCYTE COUNT/ MALE/ MOLECULAR WEIGHT/ PAROTID GLAND/ RABBITS/ *SALIVA

4201. **Ueki H, Kubota Y, Ito Y:** [Studies on the high molecular weight parotin-like substance in human saliva. I. Purification and chemical properties]
J Pharm Soc Jap 89:482-91, Apr 69 (Jap)
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CHROMATOGRAPHY, GAS/ CHROMATOGRAPHY, PAPER/ ELECTROPHORESIS/ *HORMONES, isolation & purification/ HUMAN/ MOLECULAR WEIGHT/ PAROTID GLAND/ RABBITS/ *SALIVA, analysis

4202. **Ueki K, Nakazawa S:** [Brain diseases and electrolyte unbalance]
Jap J Clin Med 27:1163-70, Apr 69 (76 ref.) (Jap)
BRAIN DISEASES, complications/ *BRAIN DISEASES, metabolism/ FEMALE/ HUMAN/ HYPERNATREMIA, etiology/ HYPOKALEMIA, etiology/ HYPONATREMIA, etiology/ MALE/ METABOLIC DISEASES, etiology/ REVIEW/ VASOPRESSIN, secretion/ *WATER-ELECTROLYTE BALANCE

4203. **Ueki K, Okada K, Hayano M, et al:** Symposium. Brain edema. Neurol Medicochir (Tokyo) 9:251-61, 1967
ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ BRAIN DAMAGE, CHRONIC/ *BRAIN EDEMA/ BRAIN EDEMA, cerebrospinal fluid/ BRAIN EDEMA, enzymology/ BRAIN EDEMA, metabolism/ BRAIN EDEMA, pathology/ DOGS/ HUMAN/ HYPERBARIC OXYGENATION/ IN VITRO/ MANNITOL, pharmacodynamics/ MICROSCOPY, ELECTRON/ SODIUM, metabolism/ STEROIDS, pharmacodynamics/ UREA, pharmacodynamics

4204. **Uete T:** Mode of action of adrenal cortical hormones. II. Inhibition of protein synthesis in the microsome-pH5 fraction system of thymus cells following the administration of triamcinolone.
J Biochem (Tokyo) 65:513-21, Apr 69
ANIMAL EXPERIMENTS/ BLOOD SUGAR, analysis/ CARBON ISOTOPES/ CELL NUCLEUS, metabolism/ DEPRESSION, CHEMICAL/ GLYCOGEN, metabolism/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ INDICATORS AND REAGENTS/ LIVER, metabolism/ LYSINE, metabolism/ MALE/ *MICROSOMES, metabolism/ MITOCHONDRIA, metabolism/ MUSCLES, metabolism/ PHENYLALANINE, metabolism/ PROLINE, metabolism/ *PROTEINS, biosynthesis/ RATS/ RNA, biosynthesis/ *THYMUS GLAND, metabolism/ TIME FACTORS/ *TRIAMCINOLONE, pharmacodynamics/ URACIL NUCLEOTIDES, pharmacodynamics/ VALINE, metabolism

4205. **Uhlenbruck W:** Transsexualität und Personenstand.
Med Klin 64:1178, 20 Jun 69 (Ger)
ADULT/ CHILD/ FEMALE/ GERMANY, WEST/ HERMAPHRODITISM, surgery/ HUMAN/ *JURISPRUDENCE/ MALE/ SEX FACTORS/ *TRANSSEXUALISM

4206. **Ullrich KJ, Baldamus CA, Uhlich E, et al:** Einfluss von Calciumionen und antidiuretischem Hormon auf den transtubulären Natriumtransport in der Rattenniere.
Pflueger Arch 310:369-76, 1969 (Ger)
ANIMAL EXPERIMENTS/ *BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ *CALCIUM, pharmacodynamics/ CALCIUM, physiology/ CELL MEMBRANE

PERMEABILITY/ KIDNEY TUBULES, drug effects/ *KIDNEY TUBULES, physiology/ RATS/ *SODIUM, metabolism/ STIMULATION, CHEMICAL/ *VASOPRESSIN, pharmacodynamics/ VASOPRESSIN, physiology

4207. **Ulmer WT:** Terapia delle affezioni cronico-ostruttive delle vie respiratorie.
Clin Ter 43:309-20, 30 Nov 67 (Ita)
*ANTIBIOTICS, therapeutic use/ *BRONCHITIS, drug therapy/ BRONCHODILATOR AGENTS, therapeutic use/ CHRONIC DISEASE/ *GLUCOCORTICOIDS, therapeutic use/ HUMAN/ LUNG COMPLIANCE/ RESPIRATORY INSUFFICIENCY, etiology

4208. **Unbehaun V, Jung G, Kidess E:** Aminopeptidasen und andere Enzyme im Ovar des Menschen.
Arch Gynaek 207:53, 1969 (Ger)
ALDOLASE, analysis/ ALKALINE PHOSPHATASE, analysis/ *AMINOPEPTIDASES, analysis/ AMINOTRANSFERASES, analysis/ CHROMATOGRAPHY/ CORPUS LUTEUM, enzymology/ FEMALE/ GLUCOSEPHOSPHATE DEHYDROGENASE, analysis/ GLUTAMATE DEHYDROGENASE, analysis/ HUMAN/ LACTATE DEHYDROGENASE, analysis/ MALATE DEHYDROGENASE, analysis/ NEURAMINIDASE, analysis/ *OVARY, enzymology/ OVULATION

4209. **Ungar F:** "In vitro" studies of circadian rhythms in hypothalamic-pituitary-adrenal systems.
Rass Neurol Veg 21:57-70, 30 Apr 67
*ADRENAL GLANDS, physiology/ ALDOSTERONE, analysis/ *CIRCADIAN RHYTHM/ CORTICOSTERONE, analysis/ DESOXYCORTICOSTERONE, analysis/ FLUORESCENCE/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ IN VITRO/ PITUITARY-ADRENAL FUNCTION TESTS/ *PITUITARY-ADRENAL SYSTEM/ PROGESTERONE, analysis/ RATS

4210. **Unhjem O, Tveter KJ, Aakvaag A:** Preliminary characterization of an androgen-macromolecular complex from the rat ventral prostate.
Acta Endocr (Kobenhavn) 62:153-64, Sep 69
ANIMAL EXPERIMENTS/ CASTRATION/ GEL FILTRATION/ MALE/ PROSTATE, analysis/ *PROSTATE, metabolism/ RATS/ *TESTOSTERONE, metabolism

4211. **Uphoff DE:** Longevity of AKR mice increased by reduced incidence of thymic lymphomas. A preliminary report.
Transplantation 8:203-4, Aug 69
ANIMAL EXPERIMENTS/ ANTIGENS/ BONE MARROW, transplantation/ ERYTHROCYTES, immunology/ HOMOLOGOUS WASTING DISEASE, immunology/ *IMMUNE TOLERANCE/ IMMUNITY, radiation effects/ *LYMPHOMA, occurrence/ MICE/ *SKIN, transplantation/ SPECIES SPECIFICITY/ *THYMUS NEOPLASMS, occurrence/ TISSUE CULTURE/ TRANSPLANTATION, HOMOLOGOUS

4212. **Urban J:** Lactat-Dehydrogenase des Flusskrebses Orconectes limosus. Isolierung und Charakterisierung.
Hoppe Seyler Z Physiol Chem 350:721-33, Jun 69 (Ger)
ADSORPTION/ ANIMAL EXPERIMENTS/ *CRUSTACEA/ ELECTROPHORESIS, DISK/ HYDROGEN-ION CONCENTRATION/ HYDROXYAPATITE/ INTESTINES, enzymology/ KIDNEY, enzymology/ KINETICS/ *LACTATE DEHYDROGENASE, analysis/ LACTATE DEHYDROGENASE, isolation & purification/ METAMORPHOSIS, BIOLOGICAL/ MUSCLES, enzymology/ MYOCARDIUM, enzymology/ NAD/ PRECIPITATION/ PYRUVATES/ SEMINAL VESICLES, enzymology/ TESTIS, enzymology

4213. **Urban J:** Znaczenie blokowania receptorów układu adrenergicznego dla czynności skurczowej macicy podczas porodu.
Ginek Pol 40:823-6, Jul 69 (Pol)
ANIMAL EXPERIMENTS/ CATECHOLAMINES, physiology/ ENGLISH ABSTRACT/ ESTROGENS, physiology/ FEMALE/ HUMAN/ *LABOR/ *LABOR, INDUCED/ MUSCLE CONTRACTION, drug effects/ PHENOXYBENZAMINE, pharmacodynamics/ PREGNANCY/ PROPRANOLOL, pharmacodynamics/ RECEPTORS, NEURAL/ *SYMPATHETIC NERVOUS SYSTEM, drug effects/ UTERUS, drug effects/ *UTERUS, physiology

4214. **Urban J, Zasztowt O, Czekanowski R:** Działanie środków naskurczowych na kurczliwość macicy szczura i zjawiska elektryczne błony komórkowej po blokadzie beta-receptorów.
Ginek Pol 40:613-9, Jun 69 (Pol)
ACETYLCHOLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ FEMALE/ MEMBRANE POTENTIALS, drug effects/ *MUSCLE CONTRACTION, drug effects/ *OXYTOCIN, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ RATS/ SEROTONIN, pharmacodynamics/ *SYMPATHOLYTICS, pharmacodynamics/ *UTERUS, drug effects

4215. **Urgancioğlu I:** Tiroid fonksiyonlarinin tetkiki.
Turk Tip Cem Mec 35:214-20, Apr 69 (Tur)
HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ RADIOISOTOPE SCANNING/ THYROID DISEASES, diagnosis/ *THYROID GLAND, physiology/ THYROID GLAND FUNCTION TESTS

4216. **Urizar RE, Tinglof B, McIntosh R, et al:** Immunosuppressive therapy of proliferative glomerulonephritis in children.
Amer J Dis Child 118:411-25, Sep 69
ADOLESCENCE/ AUTOANTIBODIES, analysis/ AZATHIOPRINE, adverse effects/ *AZATHIOPRINE, therapeutic use/ CHILD/ COMPLEMENT, analysis/ CREATININE, blood/ CREATININE, urine/ FEMALE/ FLUORESCENT ANTIBODY TECHNIC/ GAMMA GLOBULIN, 7S, analysis/ GAMMA GLOBULIN, 19S, analysis/ *GLOMERULONEPHRITIS, drug therapy/ GLOMERULONEPHRITIS, pathology/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS/ KIDNEY, pathology/ LEUKOPENIA, chemically induced/ LUPUS ERYTHEMATOSUS, SYSTEMIC, complications/ MALE/ NEPHROTIC SYNDROME, drug therapy/ *PREDNISONE, therapeutic use/ PROTEINURIA

4217. **Urquhart J, Li CC:** Dynamic testing and modeling of adrenocortical secretory function.
Ann NY Acad Sci 156:756-78, 21 Apr 69
ADRENAL GLANDS, blood supply/ *ADRENAL GLANDS, secretion/ ANIMAL EXPERIMENTS/ CORTICOTROPIN, pharmacodynamics/ DOGS/ *HYDROCORTISONE, secretion/ HYPOPHYSECTOMY/ KINETICS/ MODELS, BIOLOGIC/ PERFUSION/ TIME

4218. **Usui T, Kawamoto H:** [Steroid-creatinine ratio in the steroid hormone examination for outpatients, with special reference to analysis of the urine in children]
Jap J Clin Path 17:330-2, Apr 69 (Jap)
ADOLESCENCE/ *ADRENAL CORTEX HORMONES, urine/ ADULT/ AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ *CREATININE, urine/ FEMALE/ HUMAN/ *17-KETOSTEROIDS, urine/ MALE/ PERIODICITY/ SEX FACTORS

4219. **Uszyński M:** Zasady postępowania we wstrząsie położniczym.
Ginek Pol 40:827-32, Jul 69 (Pol)
ADRENAL CORTEX HORMONES, therapeutic use/ AMINOCAPROIC ACID, therapeutic use/ BLOOD COAGULATION DISORDERS/ EMBOLISM, complications/ EMBOLISM, AMNIOTIC FLUID, complications/ ENGLISH ABSTRACT/ FEMALE/ FIBRINOGEN, therapeutic use/ HEPARIN, therapeutic use/ HUMAN/ ISOPROTERENOL, therapeutic use/ KALLIKREIN-TRYPSIN INACTIVATOR, therapeutic use/ *LABOR COMPLICATIONS, therapy/ NOREPINEPHRINE, therapeutic use/ OXYGEN INHALATION THERAPY/

PREGNANCY/ *PREGNANCY COMPLICATIONS/ PULMONARY ARTERY/ SHOCK, etiology/ *SHOCK, therapy/ SHOCK, HEMORRHAGIC, physiopathology/ SHOCK, HEMORRHAGIC, therapy

4220. **Uyttenbroeck F, Van Der Schueren-Lode:** Luteïnisatie en corpus luteumvorming (vergelijkende studie met bevindingen bij het dier)
Verh Kon Vlaam Acad Geneesk Belg 31:56-85, 1969 (Dut)
ANIMAL EXPERIMENTS/ ARTIODACTYLA/ COMPARATIVE STUDY/ CORPUS LUTEUM, anatomy & histology/ *CORPUS LUTEUM, physiopathology/ DOGS/ ELEPHANTS/ ENGLISH ABSTRACT/ FEMALE/ HORSES/ HUMAN/ PREGNANCY/ *PREGNANCY, ANIMAL/ RATS/ SWINE/ *THECA CELL TUMOR, physiopathology

V

4221. **Vacek A, Davidová E:** On the question of differences in the number of endogenous haemopoietic tissue colonies in the spleens of irradiated hairless and haired mice. Folia Biol (Krakow) 17:197-204, 1969
ANIMAL EXPERIMENTS/ BONE AND BONES, metabolism/ BONE MARROW CELLS/ GENETICS/ *HAIR/ *HEMATOPOIESIS, radiation effects/ IRON, metabolism/ IRON ISOTOPES/ MALE/ MICE/ OXYGEN CONSUMPTION/ *RADIATION EFFECTS/ SPECIES SPECIFICITY/ *SPLEEN, cytology/ SPLEEN, metabolism

4222. **Vachon A, Tête R, Lehmann M, et al:** Cancers gastriques ulcériformes révélés par la corticothérapie. (3 observations)
Rev Lyon Med 16:431-6, 15 Jun 67 (Fre)
*ADRENAL CORTEX HORMONES, adverse effects/ ADULT/ AGED/ FEMALE/ HUMAN/ MALE/ *STOMACH NEOPLASMS, diagnosis/ *STOMACH ULCER, chemically induced

4223. **Vagalova LB:** Sostoianie magnievogo obmena pri razhlichiykh modeliakh eksperimental'nogo rakhita.
Biull Eksp Biol Med 67:52-4, Mar 69 (Rus)
ANIMAL EXPERIMENTS/ *BONE AND BONES, metabolism/ CITRATES, therapeutic use/ ENGLISH ABSTRACT/ *MAGNESIUM, metabolism/ RATS/ RICKETS, drug therapy/ *RICKETS, metabolism/ SPECTRUM ANALYSIS/ VITAMIN D, therapeutic use

4224. **Vago O:** Toxische und kaustische Komplikationen durch Gebrauch sogenannter fruchtabtreibender Arzneimittel.
Z Geburtsh Gynaek 170:272-7, 1969 (Ger)
*ABORTION, chemically induced/ *ABORTION, CRIMINAL/ ADOLESCENCE/ ADULT/ ALOE, poisoning/ *CAUSTICS, poisoning/ ENGLISH ABSTRACT/ ERGOT ALKALOIDS, poisoning/ ESTROGENS, poisoning/ FEMALE/ HUMAN/ POTASSIUM PERMANGANATE, poisoning/ PREGNANCY/ QUININE, poisoning/ *TOXINS, poisoning

4225. **Vago T, Lupo L:** Eclampsia and hydatidiform mole with a co-existent fetus.
J Obstet Gynaec Brit Comm 76:755-6, Aug 69
ADOLESCENCE/ CASE REPORT/ *ECLAMPSIA, complications/ FEMALE/ *FETUS/ HUMAN/ *HYDATIDIFORM MOLE, complications/ PREGNANCY

4226. **Vaidya RA, Bedford JM, Glass RH, et al:** Evaluation of the removal of tetracycline fluorescence from spermatozoa as a test for capacitation in the rabbit.
J Reprod Fertil 19:483-9, Aug 69
ANIMAL EXPERIMENTS/ BLADDER/ CASTRATION/ COLON/ ESTRUS/ EYE/ FALLOPIAN TUBES/ FEMALE/ *FLUORESCENCE/ MALE/ PROGESTERONE, pharmacodynamics/ PSEUDOPREGNANCY/ RABBITS/ SPERMATOZOA, metabolism/ *TETRACYCLINE, metabolism/ TIME FACTORS/ UTERUS

4227. **Vaidya VG, Ajinkya SM:** A case of dysgerminoma in a dog. Indian Vet J 46:475-6, Jun 69
*DISGERMINOMA, veterinary/ *DOG DISEASES/ DOGS/ FEMALE/ *OVARIAN NEOPLASMS, veterinary

4228. **Valaoras VG, MacMahon B, Trichopoulos D, et al:** Lactation and reproductive histories of breast cancer patients in greater Athens, 1965-67.
Int J Cancer 4:350-63, 15 May 69
ADULT/ AGED/ *BREAST NEOPLASMS, occurrence/ FEMALE/ GREECE/ HUMAN/ *LACTATION/ MIDDLE AGE/ *REPRODUCTION

4229. **Valenti G, Gnudi A, Coscelli C, et al:** Adenoma cromofobo ipofisario associato ad iperinsulinemia, ipoglicemia ed alto tasso di acidi grassi liberi.
G Clin Med 48:1219-33, Dec 67 (Ita)
*ADENOMA, CHROMOPHOBE, complications/ ADULT/ *FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ HUMAN/ *HYPERGLYCEMIA, complications/ *HYPERINSULINISM, complications/ *HYPERLIPEMIA, complications/ *PITUITARY NEOPLASMS, complications

4230. **Valentini F, Reschini E, Lodeserto A, et al:** La prova di inibizione funzionale tiroidea con triiodotironina nei pazienti ipertiroidei in terapia medica: confronto dei valori ottenuti con misure di captazione "precoce" ed in fase organica.
Folia Endocr (Roma) 21:396-403, Aug 68 (Ita)
ADOLESCENCE/ ADULT/ CARBIMAZOLE, therapeutic use/ COMPARATIVE STUDY/ ENGLISH ABSTRACT/ FEMALE/ *GOITER, EXOPHTHALMIC, drug therapy/ GOITER, EXOPHTHALMIC, metabolism/ HUMAN/ *HYPERTHYROIDISM, drug therapy/ HYPERTHYROIDISM, metabolism/ IMIDAZOLES, therapeutic use/ *IODINE ISOTOPES, metabolism/ MALE/ MIDDLE AGE/ *THYROID ANTAGONISTS, therapeutic use/ *THYROID GLAND FUNCTION TESTS/ *TRIIODOTHYRONINE, diagnostic use

4231. **Valenzuela y Chacon J:** Estudio histoquímico de los ejidos normal, pretumoral y tumoral de los órganos genitales femeninos.
Acta Oncol (Madrid) 7:201-28, Jul-Dec 68 (Spa)
CERVIX NEOPLASMS, enzymology/ CERVIX UTERI, enzymology/ ENDOMETRIUM, enzymology/ ENGLISH ABSTRACT/ *ENZYMES, analysis/ GALACTOSIDASE, analysis/ GLUCURONIDASE, analysis/ GLUTAMATE DEHYDROGENASE, analysis/ GLYCEROLPHOSPHATE DEHYDROGENASE, analysis/ HISTOCYTOCHEMISTRY/ HUMAN/ ISOCITRATE DEHYDROGENASE, analysis/ LACTATE DEHYDROGENASE, analysis/ MALATE DEHYDROGENASE, analysis/ METHODS/ *OVARIAN NEOPLASMS, enzymology/ SUCCINATE DEHYDROGENASE, analysis/ *UTERINE NEOPLASMS, enzymology/ *UTERUS, enzymology

4232. **Vallat JN, Lepetit JM, Léger J:** Notions sur les indications de la corticothérapie intrathécale.
J Med Bordeaux 144:881-94, Jun 67 (Fre)
*BRAIN DISEASES, drug therapy/ ENGLISH ABSTRACT/ *GLUCOCORTICOIDS, administration & dosage/ HEMORRHAGE, drug therapy/ HERPES ZOSTER, drug therapy/ HUMAN/ INJECTIONS, INTRATHECAL/ MULTIPLE SCLEROSIS, drug therapy/ SCIATICA, drug therapy/ *SPINAL CORD DISEASES, drug therapy/ SUBARACHNOID HEMORRHAGE, drug therapy/ TUBERCULOSIS, MENINGEAL, drug therapy

4233. **Valient K, Palkovits M:** Effect of a single neonatal dose of ACTH, TSH, STH, thyroxine and aldosterone on serum heparin and tissue mucopolysaccharides.
Acta Morph Acad Sci Hung 17:35-9, 1969
ADRENAL GLANDS, analysis/ *ALDOSTERONE, pharmacodynamics/ ANIMAL EXPERIMENTS/ *ANIMALS, NEWBORN, drug effects/ CARTILAGE, analysis/ HEPARIN, blood/ HISTOCYTOCHEMISTRY/ *MUCOPOLYSACCHARIDES, analysis/ ORGAN WEIGHT/ *PITUITARY HORMONES, ANTERIOR, pharmacodynamics/ RATS/

SPLEEN, analysis/ THYMUS GLAND, analysis/ *THYROXINE, pharmacodynamics

4234. **Valotaire Y, Duval J, Jouan P:** Influence de la castration et de la testostérone sur la biosynthèse in vitro des acides ribonucléiques dans le cortex cérébral, l'hypothalamus et l'hypophyse de rat.
Bull Soc Chim Biol (Paris) 51:211-24, 26 Jun 69 **(Fre)**
ANIMAL EXPERIMENTS/ *CASTRATION/ *CEREBRAL CORTEX, metabolism/ DIFFUSION/ ELECTROPHORESIS/ ENGLISH ABSTRACT/ *HYPOTHALAMUS, metabolism/ KINETICS/ MALE/ *PITUITARY GLAND, metabolism/ PROTEINS, biosynthesis/ RATS/ *RNA, biosynthesis/ *TESTOSTERONE, pharmacodynamics/ TRITIUM/ URIDINE, metabolism

4235. **Valsecchi A, Bailo U, Finzi C:** Possibilità attuali della terapia medica della sterilità maschile "secretoria".
Minerva Ginec 20:1831-9, 15 Dec 68 **(Ita)**
ADULT/ AMINO ACIDS, therapeutic use/ CLOMIPHENE, therapeutic use/ ENGLISH ABSTRACT/ GONADOTROPINS, CHORIONIC, therapeutic use/ GONADOTROPINS, EQUINE, therapeutic use/ HUMAN/ MALE/ STERILITY, MALE, classification/ *STERILITY, MALE, drug therapy/ STERILITY, MALE, etiology/ TESTOSTERONE, therapeutic use/ THYROXINE, therapeutic use

4236. **Váňa S, Zambrazil V, Němec J:** Changes in the ankle jerk time in the course of radiothyroidectomy and the treatment of subsequent hypothyroidism.
Rev Franc Etud Clin Biol 14:380-3, Apr 69
*ACHILLES TENDON/ HUMAN/ HYPOTHYROIDISM, chemically induced/ *HYPOTHYROIDISM, radiotherapy/ *IODINE ISOTOPES, administration & dosage/ *REFLEX, TENDON/ THYROID GLAND FUNCTION TESTS/ THYROIDECTOMY/ TIME FACTORS/ TISSUE EXTRACTS/ TRIIODOTHYRONINE

4237. **Van Pelt RW, Riley WF Jr, Tillotson PJ:** Tenosynovitis of the deep digital flexor tendon in horses.
Canad Vet J 10:235-43, Sep 69
*HORSE DISEASES, drug therapy/ STEROIDS, therapeutic use/ SYNOVIAL FLUID, analysis/ TENOSYNOVITIS, drug therapy/ *TENOSYNOVITIS, veterinary

4238. **Vandenbroucke MF, Herveg JP, De Visscher M:** Capture de la thyroglobuline par des tranches de thyroïde de porc. Tentatives de localisation subcellulaire.
Arch Int Physiol 76:958, Dec 68 **(Fre)**
ANIMAL EXPERIMENTS/ CENTRIFUGATION, DENSITY GRADIENT/ HISTOCYTOCHEMISTRY/ RADIOISOTOPES/ SWINE/ *THYROGLOBULIN, metabolism/ *THYROID GLAND, metabolism

4239. **Vander AJ, Carlson J:** Mechanism of the effects of furosemide on renin secretion in anesthetized dogs.
Circ Res 25:145-52, Aug 69
ANESTHESIA/ ANGIOTENSIN/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT, drug effects/ CATHETERIZATION/ DEPRESSION, CHEMICAL/ DOGS/ *FUROSEMIDE, pharmacodynamics/ *JUXTAGLOMERULAR APPARATUS, drug effects/ KIDNEY FUNCTION TESTS/ *NATRIURESIS/ RENAL VEINS/ RENIN, blood/ *RENIN, secretion/ STIMULATION, CHEMICAL/ WATER-ELECTROLYTE BALANCE

4240. **Vanderkooi J, Martonosi A:** Sarcoplasmic reticulum. 8. Use of 8-anilino-1-naphthalene sulfonate as conformational probe on biological membranes.
Arch Biochem 133:153-63, Aug 69
ADENOSINE TRIPHOSPHATE, antagonists & inhibitors/ ALKENES, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTIBIOTICS, pharmacodynamics/ BIOLOGICAL TRANSPORT, drug effects/ CALCIUM, metabolism/ *CELL MEMBRANE, analysis/ FLUOROMETRY/ HEAT/ HYDROGEN-ION CONCENTRATION/ LECITHINS/ METALS, pharmacodynamics/ MICROSOMES/ *MITOCHONDRIA, MUSCLE, analysis/ *NAPHTHALENES/ OSMOLAR CONCENTRATION/ PHOSPHOLIPASE/ *PHOSPHOLIPIDS/ POLYMYXIN/ RABBITS/ *SULFONIC ACIDS/ TRYPSIN/ TYROTHRICIN, pharmacodynamics

4241. **Vandermeulen R, Cession-Fossion A, Peeters G:** Présence de dopamine dans les surrénales de la chèvre.
Arch Int Physiol 76:916-8, Dec 68 **(Fre)**
*ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ *DOPAMINE, metabolism/ EPINEPHRINE, metabolism/ FLUOROMETRY/ GOATS/ NOREPINEPHRINE, metabolism

4242. **Vandermeulen R, Peeters G, Cession-Fossion A, et al:** Teneur en catécholamines du sang et des glandes surrénales de Chèvre.
C R Soc Biol (Paris) 162:2051-3, May 69 **(Fre)**
*ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ CATECHOLAMINES, blood/ *CATECHOLAMINES, metabolism/ DOPAMINE, blood/ DOPAMINE, metabolism/ EPINEPHRINE, blood/ EPINEPHRINE, metabolism/ *GOATS/ NOREPINEPHRINE, metabolism/ PENTOBARBITAL, pharmacodynamics

4243. **Van der Molen HJ, Hart PG, Wijmenga HG:** Studies with 4-14C-lynestrenol in normal and lactating women.
Acta Endocr (Kobenhavn) 61:255-74, Jun 69
BREAST FEEDING/ CARBON ISOTOPES/ FEMALE/ HUMAN/ INFANT, NEWBORN/ *LACTATION/ *LYNESTRENOL, administration & dosage/ LYNESTRENOL, analysis/ LYNESTRENOL, blood/ LYNESTRENOL, urine/ MESTRANOL, administration & dosage/ MILK, HUMAN, analysis/ PREGNANCY

4244. **Vandongen R, Gordon RD:** Generation and survival of angiotensin in nonrefrigerated plasma. An explanation for presence of pressor material in human plasma protein solutions used clinically.
Transfusion 9:205-11, Jul-Aug 69
ALDOSTERONE, secretion/ ANGIOTENSIN, analysis/ *ANGIOTENSIN, metabolism/ BLOOD PRESERVATION/ *BLOOD PROTEINS, metabolism/ ENZYMES, blood/ HUMAN/ PLASMA SUBSTITUTES/ RENIN, analysis/ *TEMPERATURE/ VASOCONSTRICTOR AGENTS

4245. **Van Dyke D, Harris N:** Bone marrow reactions to trauma. Stimulation of erythropoietic marrow by mechanical disruption, fracture or endosteal curettage.
Blood 34:257-75, Sep 69
ANDROGENS, therapeutic use/ ANIMAL EXPERIMENTS/ BONE AND BONES, blood supply/ *BONE AND BONES, injuries/ *BONE MARROW/ BONE MARROW, radiation effects/ CHILD/ CURETTAGE/ DOGS/ *ERYTHROPOIESIS/ *FANCONI SYNDROME, blood/ FEMALE/ FEMORAL FRACTURES, radiography/ FRACTURES/ HUMAN/ IRON ISOTOPES/ MALE/ MIDDLE AGE/ MONKEYS/ MYELOID METAPLASIA, diagnosis/ RABBITS/ *RADIATION EFFECTS/ RADIOISOTOPES/ REGENERATION/ TECHNETIUM

4246. **Vanhaelst L, Neve P:** Cytoplasmic fluorescence of thyroid follicle cells after incubation with thyroid stimulating hormone.
Z Ges Exp Med 150:1-6, 1969
ANIMAL EXPERIMENTS/ CATTLE/ CELL NUCLEUS, metabolism/ CYTOPLASM, metabolism/ FLUORESCENT ANTIBODY TECHNIC/ GAMMA GLOBULIN/ GUINEA PIGS/ HUMAN/ HYPERTHYROIDISM, metabolism/ IMMUNE SERUMS/ MYXEDEMA, metabolism/ RABBITS/ RADIOIMMUNOASSAY/ *THYROID GLAND, metabolism/ *THYROTROPIN, metabolism

4247. **VanLear GE, McLafferty FW:** Biochemical aspects of high-resolution mass spectrometry.
Ann Rev Biochem 38:289-322, 1969 (227 ref.)
AMINO ACID SEQUENCE/ ANTIBIOTICS, analysis/ CARBOHYDRATES, analysis/ CHEMISTRY/ CHROMATOGRAPHY, GAS/ COMPUTERS, DIGITAL/ LIPIDS, analysis/ METABOLISM/ METHODS/ NUCLEIC ACIDS,

analysis/ PEPTIDES, analysis/ REVIEW/ *SPECTRUM ANALYSIS/ SPECTRUM ANALYSIS, instrumentation/ STEROIDS, analysis/ VITAMINS, analysis

4248. **Van Rees GP**: Regulation of LH secretion in the rat.
Acta Physiol Pharmacol Neerl 15:136-40, Jun 69
ANIMAL EXPERIMENTS/ ESTRUS/ FEMALE/ *LH, secretion/ MALE/ PITUITARY GLAND, physiology/ *PITUITARY HORMONE RELEASING FACTORS/ RATS

4249. **Van Slype J**: Le rheumatisme inflammatorire dans la cadre des maladies auto-immunes.
J Belg Rhum Med Phys 22:204-7, Jul-Aug 67 (Fre)
ARTHRITIS, RHEUMATOID/ AUTOANTIBODIES, analysis/ *AUTOANTIBODIES, analysis/ *AUTOIMMUNE DISEASES, immunology/ DERMATOMYOSITIS, immunology/ GAMMA GLOBULIN, analysis/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ LUPUS ERYTHEMATOSUS, SYSTEMIC/ LYMPHATIC SYSTEM, immunology/ PERIARTERITIS NODOSA, immunology/ RHEUMATIC FEVER, immunology/ *RHEUMATISM, immunology/ SCLERODERMA, immunology/ SJOGREN'S SYNDROME, immunology

4250. **Vanslype J, Tritsmans E, Verstraete J**: Klinische experimenten met een syntetisch ACTH.
J Belg Rhum Med Phys 24:33-48, Jan-Feb 69 (Dut)
ADULT/ AGED/ *ARTHRITIS, RHEUMATOID, drug therapy/ CLINICAL RESEARCH/ *CORTICOTROPIN, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE

4251. **Vapaatalo HI**: Influence of ions and some other factors on the release of adrenaline by chlorpromazine from perfused bovine adrenal glands.
Ann Med Exp Biol Fenn 46:217-25, 1968
ADRENAL GLANDS, analysis/ *ADRENAL GLANDS, secretion/ ANIMAL EXPERIMENTS/ CALCIUM, pharmacodynamics/ CATTLE/ CHLORIDES, pharmacodynamics/ CHLORPROMAZINE, analysis/ *CHLORPROMAZINE, pharmacodynamics/ *EPINEPHRINE, secretion/ FEMALE/ GLUCOSE, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ IN VITRO/ INSULIN, pharmacodynamics/ ISOTONIC SOLUTIONS/ LITHIUM, pharmacodynamics/ MAGNESIUM, pharmacodynamics/ METHODS/ OSMOLAR CONCENTRATION/ OSMOSIS/ PERFUSION/ POTASSIUM, pharmacodynamics/ SODIUM CHLORIDE, pharmacodynamics/ SULFATES, pharmacodynamics/ TEMPERATURE/ TIME FACTORS

4252. **Vapaatalo HI**: Influence of some drugs on chlorpromazine-induced adrenaline release.
Ann Med Exp Biol Fenn 46:226-32, 1968
*ADRENAL MEDULLA, secretion/ ANESTHETICS, LOCAL, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTIHISTAMINICS, pharmacodynamics/ BELLADONNA, pharmacodynamics/ CATTLE/ CELL MEMBRANE, metabolism/ CHLORPROMAZINE, antagonists & inhibitors/ *CHLORPROMAZINE, pharmacodynamics/ CURARE, pharmacodynamics/ DESIPRAMINE, pharmacodynamics/ *EPINEPHRINE, secretion/ FEMALE/ GUANETHIDINE, pharmacodynamics/ HEPARIN, pharmacodynamics/ HEXAMETHONIUM COMPOUNDS, pharmacodynamics/ IN VITRO/ OUABAIN, pharmacodynamics/ PHENELZINE, pharmacodynamics/ PYROGALLOL, pharmacodynamics/ SPECTROPHOTOMETRY/ SYMPATHOLYTICS, pharmacodynamics/ TIME FACTORS

4253. **Vapaatalo HI, Solatunturi E**: Release of adrenaline from adrenomedullary granules by chlorpromazine.
Ann Med Exp Biol Fenn 46:233-41, 1968
*ADRENAL MEDULLA, metabolism/ ANIMAL EXPERIMENTS/ CALCIUM CHLORIDE, pharmacodynamics/ CATTLE/ CHLORPROMAZINE, administration & dosage/ CHLORPROMAZINE, antagonists & inhibitors/ *CHLORPROMAZINE, pharmacodynamics/ COCAINE, pharmacodynamics/ CULTURE MEDIA/ *EPINEPHRINE, metabolism/ FEMALE/ GUANETHIDINE, pharmacodynamics/ HEPARIN, pharmacodynamics/ HEXAMETHONIUM COMPOUNDS/ IN VITRO/ ISOPROTERENOL, pharmacodynamics/ METHODS/ PHENELZINE, pharmacodynamics/ PHENOXYBENZAMINE, pharmacodynamics/ POTASSIUM CHLORIDE, pharmacodynamics/ SCOPOLAMINE, pharmacodynamics/ SODIUM CHLORIDE, pharmacodynamics/ SPECTROPHOTOMETRY/ TIME FACTORS

4254. **Vaptzarova KI, Davidov MS, Markov DV, et al**: The effect of spinal cord section on rat liver tryptophan pyrroiase activity. Life Sci 8:905-9, 1 Aug 69
ADRENALECTOMY/ ANALYSIS OF VARIANCE/ ANIMAL EXPERIMENTS/ ENZYME INDUCTION/ *LIVER, enzymology/ LIVER, innervation/ MALE/ RATS/ SPINAL CORD, physiology/ *TRYPTOPHAN OXYGENASE, analysis

4255. **Vas CJ**: Sexual impotence and some autonomic disturbances in men with multiple sclerosis.
Acta Neurol Scand 45:166-82, 1969
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ *AUTONOMIC DYSFUNCTION, etiology/ GONADOTROPINS, urine/ HUMAN/ *IMPOTENCE, etiology/ LEG/ LUMBOSACRAL REGION/ MALE/ MIDDLE AGE/ *MULTIPLE SCLEROSIS, complications/ REFLEX/ SWEATING

4256. **Vasil'eva AG, Balabolkin MI**: Primenenie dezoksikortikosterona pri gipotonicheskikh sostoianiiakh. Vrach Delo 2:149-50, Feb 67 (Rus)
ADDISON'S DISEASE, drug therapy/ ADRENAL GLAND DISEASES, drug therapy/ ADULT/ ANOREXIA NERVOSA, drug therapy/ *DESOXYCORTICOSTERONE, therapeutic use/ FEMALE/ HUMAN/ HYPERKALEMIA, drug therapy/ *HYPOTENSION, drug therapy/ MALE/ MIDDLE AGE/ PITUITARY DISEASES, drug therapy

4257. **Vasin AD**: Vliianie SZhK na stel'nykh korov.
Veterinariia 44:90, Feb 67 (Rus)
ANIMAL EXPERIMENTS/ CATTLE/ FEMALE/ *GONADOTROPINS, EQUINE, pharmacodynamics/ PREGNANCY/ *PREGNANCY, ANIMAL, drug effects

4258. **Vasin AD**: Tipy atrezii polostnykh follikulov u ovets v ontogeneze. Veterinariia 44:87-8, Dec 67 (Rus)
*OVARIAN DISEASES, veterinary/ *SHEEP DISEASES

4259. **Vasiukova EA, Khaĭkina MB**: Rol' autoimmunnykh protsessov v poriskhozhdenii posleoperatsionnykh gipotireozov.
Eksp Khir Anest 13:88-91, Jul-Aug 68 (Rus)
ADULT/ *AUTOIMMUNE DISEASES/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPOTHYROIDISM, etiology/ *HYPOTHYROIDISM, immunology/ MIDDLE AGE/ POSTOPERATIVE COMPLICATIONS/ *THYROIDECTOMY, adverse effects

4260. **Vašků J, Urbánek E, Praslička M, et al**: The shifts of electrolyes and radioactive ions in the myocardium during various cardiotoxic interventions and administration of some potassium and magnesium salts. Arzneimitteiforschung 19:704-9, May 69
ADRENAL CORTEX HORMONES, toxicity/ ANIMAL EXPERIMENTS/ ASPARTIC ACID, pharmacodynamics/ CALCIUM, analysis/ DEPRESSION, CHEMICAL/ ELECTROLYTES, blood/ *ELECTROLYTES, metabolism/ FEMALE/ HEART, radiation effects/ *MAGNESIUM, pharmacodynamics/ MALE/ *MYOCARDIUM, analysis/ PHOSPHATES, toxicity/ POTASSIUM, analysis/ *POTASSIUM, pharmacodynamics/ *POTASSIUM ISOTOPES, metabolism/ *RADIATION EFFECTS/ RATS/ SODIUM, analysis/ SODIUM, toxicity/

*SODIUM ISOTOPES, metabolism/ STIMULATION, CHEMICAL

4261. **Vasseur B, Parrot JL, Nicot G, et al:** Recherches sur certaines activités antihistaminiques naturelles.
J Physiol (Paris) 60:Suppl 2:380-1, 1968 (Fre)
ACETYLCHOLINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTIHISTAMINICS, pharmacodynamics/ ANTIHISTAMINICS, urine/ BRADYKININ, pharmacodynamics/ GUINEA PIGS/ HISTAMINE, pharmacodynamics/ ILEUM, drug effects/ MURAMIDASE, pharmacodynamics/ *MUSCLES, drug effects/ SEROTONIN, pharmacodynamics/ TOMATINE, pharmacodynamics

4262. **Vaughan M, Murad F:** Adenyl cyclase activity in particles from fat cells.
Biochemistry (Wash) 8:3092-9, Jul 69
*ADENINE NUCLEOTIDES/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ ADENOSINE TRIPHOSPHATE/ ADENYL CYCLASE, metabolism/ ADIPOSE TISSUE, cytology/ *ADIPOSE TISSUE, enzymology/ ANIMAL EXPERIMENTS/ CELL MEMBRANE, drug effects/ CELL MEMBRANE, enzymology/ CORTICOTROPIN, pharmacodynamics/ DEPRESSION, CHEMICAL/ DICHLOROISOPROTERENOL, pharmacodynamics/ DRUG STABILITY/ DRUG STORAGE/ *ENZYMES, metabolism/ EPIDIDYMIS/ EPINEPHRINE, antagonists & inhibitors/ EPINEPHRINE, pharmacodynamics/ FREEZING/ GLUCAGON, pharmacodynamics/ MALE/ PHOSPHORUS ISOTOPES/ PRONETHALOL, pharmacodynamics/ RATS/ STIMULATION, CHEMICAL/ TIME FACTORS/ TRITIUM

4263. **Vazin AN, Plokhova EI:** Dinamika soderzhaniia adrenalinopodobnykh veshchestv v krovi krolikov pri khronicheskom vozdeĭstvii parov vinilkhlorida.
Gig Tr Prof Zabol 13:46-7, Jun 69 (Rus)
ADRENAL GLANDS, secretion/ ANIMAL EXPERIMENTS/ *EPINEPHRINE, blood/ EPINEPHRINE, secretion/ *PLASTICS, poisoning/ RABBITS

4264. **Vecchio F, Schettini F:** Varianti enzimatiche del deficit di G6PD. Rapporti fra anemia emolitica congenital non-sferocitica da deficit di G6PD e favismo.
Minerva Pediat 20:2637-48, 22 Dec 68 (Ita)
*ANEMIA, HEMOLYTIC, CONGENITAL NONSPHEROCYTIC, enzymology/ CAUCASIAN RACE/ ERYTHROCYTE AGING/ *FAVISM, enzymology/ *GLUCOSEPHOSPHATE DEHYDROGENASE, classification/ *GLUCOSEPHOSPHATE DEHY- DROGENASE DEFICIENCY/ HUMAN/ MUTATION/ NEGROID RACE/ SEX CHROMOSOMES

4265. **Vediaev FP:** Dvigatel'nye i élektrograficheskie éffekty razdrazheniia iader mindalevidnogo kompleksa.
Fiziol Zh SSSR Sechenov 53:743-51, Jul 67 (Rus)
*AMYGDALOID BODY, physiology/ ANIMAL EXPERIMENTS/ *CEREBRAL CORTEX, physiology/ ELECTROPHYSIOLOGY/ *HIPPOCAMPUS, physiology/ *MOTOR NEURONS, physiology/ NEURAL INTERCONNECTIONS/ RABBITS/ *THALAMUS, physiology

4266. **Veĭn AM, Solov'eva AD:** Patogeneticheskie mekhanizmy nesakharnogo diabeta i voprosy ego lecheniia.
Probl Endokr (Moskva) 15:42-8, May-Jun 69 (Rus)
ACETYLCHOLINE, blood/ ACETYLCHOLINE, urine/ ADULT/ BENACTYZINE, diagnostic use/ CATECHOLAMINES, blood/ CATECHOLAMINES, urine/ CHLORPROMAZINE, diagnostic use/ CORTICOTROPIN, diagnostic use/ DIABETES INSIPIDUS, etiology/ *DIABETES INSIPIDUS, physiopathology/ *DIABETES INSIPIDUS, therapy/ DIURESIS/ ENGLISH ABSTRACT/ FEMALE/ HISTAMINE, blood/ HISTAMINE, urine/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ MALE/ MIDDLE AGE/ PITUITARY HORMONES, POSTERIOR, diagnostic use/ POTASSIUM, urine/ SEROTONIN, blood/ SEROTONIN, urine/ SODIUM, urine/ THIAZINES, diagnostic use/ VASOPRESSIN, secretion

4267. **Vekshina NL:** Changes in blood serotonin titre in rabbits during sustained stimulation of the anterior segments of the hypothalamus with electric current.
Electroenceph Clin Neurophysiol 27:324, Sep 69
ANIMAL EXPERIMENTS/ CAUDATE NUCLEUS, physiology/ ELECTROENCEPHALOGRAPHY/ *HYPOTHALAMUS, physiology/ RABBITS/ RESERPINE, pharmacodynamics/ *SEROTONIN, blood

4268. **Vela P, Yen SS:** Serum insulin and growth hormone responses to arginine infusion before and during treatment with contraceptive steroids.
J Clin Endocr 29:1212-6, Sep 69
ADOLESCENCE/ ADULT/ ARGININE, diagnostic use/ *ARGININE, pharmacodynamics/ BLOOD SUGAR/ *ETHYNODIOL DIACETATE, pharmacodynamics/ FEMALE/ HUMAN/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ *INSULIN, blood/ *MESTRANOL, pharmacodynamics/ PLACENTAL LACTOGEN, blood/ PUERPERIUM/ *SOMATOTROPIN, blood/ SOMATOTROPIN, secretion/ STIMULATION, CHEMICAL

4269. **Velican C:** Histochemical analysis of the structural stability of biopolymers (preliminary data).
Acta Histochem (Jena) 31:261-86, 1968
ADULT/ AORTA, analysis/ BONE AND BONES, analysis/ CARTILAGE, analysis/ FEMALE/ *HISTOCYTOCHEMISTRY/ HUMAN/ LIPIDS, analysis/ LIVER, pathology/ *MACROMOLECULAR SYSTEMS, analysis/ MALE/ NUCLEIC ACIDS, analysis/ POLYSACCHARIDES, analysis/ PROTEINS, analysis

4270. **Venkatachalam CM, Ramachandran GN:** Conformation of polypeptide chains.
Ann Rev Biochem 38:45-82, 1969 (209 ref.)
ALANINE/ AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ ASPARTIC ACID/ CARBOXYPEPTIDASES/ CHEMISTRY/ CHYMOTRYPSIN/ COLLAGEN/ DIPEPTIDES/ ESTERS/ FIBROIN/ GLUTAMATES/ GLYCINE/ HEMOGLOBIN/ HETEROCYCLIC COMPOUNDS/ MURAMIDASE/ MYOGLOBIN/ OXYTOCIN/ PAPAIN/ *PEPTIDES/ PROLINE/ REVIEW/ RIBONUCLEASE/ STATISTICS/ STEREOISOMERS/ SULFIDES/ TYROSINE/ TYROTHRICIN/ VALINE/ VASOPRESSIN/ X-RAY DIFFRACTION

4271. **Veppo AA, Spina MA, Benavides PP:** Ectopia testicular. Criterio terapéutico e importancia del tratamiento precoz.
Prensa Med Argent 56:474-8, 16 May 69 (Spa)
CHILD/ CHILD, PRESCHOOL/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *TESTIS, abnormalities/ TESTIS, drug effects/ TESTIS, surgery

4272. **Verma NP, Sen SB, Mallya UL, et al:** Reversible malignant hypertension due to pheochromocytoma. A case report.
Indian J Med Sci 23:311-3, Jun 69
*ADRENAL GLAND NEOPLASMS, complications/ ADULT/ HUMAN/ *HYPERTENSION, MALIGNANT, etiology/ MALE/ *PHEOCHROMOCYTOMA, complications

4273. **Vermel' EM:** Sostoianie i perspektivy lekarstvennogo lecheniia raka.
Vop Onkol 15:92-104, 1969 (103 ref.) (Rus)
ANTIMETABOLITES, therapeutic use/ ANTINEOPLASTIC AGENTS, administration & dosage/ ANTINEOPLASTIC AGENTS, adverse effects/ *ANTINEOPLASTIC AGENTS, therapeutic use/ BODY TEMPERATURE/ HEMATOLOGIC DISEASES, chemically induced/ HEMATOLOGIC DISEASES, prevention & control/ HORMONES, therapeutic use/ HUMAN/ ISOLATION PERFUSION/ LYMPHATIC SYSTEM,

immunology/ *NEOPLASMS, drug therapy/ NEOPLASMS, immunology/ OVARIAN NEOPLASMS, drug therapy/ PALLIATIVE TREATMENT/ REVIEW/ UTERINE NEOPLASMS, drug therapy

4274. **Vernadakis A:** Sensitivity of chick embryos to chlorpromazine. Brain Res 12:223-6, Jan 69
ACETYLCHOLINESTERASE, metabolism/ ANIMAL EXPERIMENTS/ BODY WEIGHT/ *CENTRAL NERVOUS SYSTEM, drug effects/ CEREBELLUM, drug effects/ CEREBELLUM, enzymology/ CEREBRAL CORTEX, drug effects/ CEREBRAL CORTEX, enzymology/ *CHICK EMBRYO, drug effects/ *CHLORPROMAZINE, pharmacodynamics/ CHOLINESTERASE, metabolism/ CONVULSIONS, physiopathology/ ELECTROSHOCK/ HYPOTHALAMUS, drug effects/ HYPOTHALAMUS, enzymology/ *NEURAL TRANSMISSION, drug effects/ PROTEINS, metabolism/ SPINAL CORD, drug effects/ SPINAL CORD, enzymology

4275. **Veronesi U:** Il ruolo della chirurgia nel trattamento del cancro mammario.
Minerva Radiol 13:574-80, Oct 68 (Ita)
ADRENALECTOMY/ BREAST NEOPLASMS, mortality/ *BREAST NEOPLASMS, surgery/ CASTRATION/ FEMALE/ HUMAN/ HYPOPHYSECTOMY/ MASTECTOMY/ NEOPLASM METASTASIS

4276. **Verrier RL, O'Neill TJ, Lefer AM:** Functional capacity of resistance and capacitance vessels in adrenal insufficiency. Amer J Physiol 217:341-7, Aug 69
*ADRENAL GLANDS, physiology/ ADRENAL GLANDS, physiopathology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ CATS/ FEMALE/ FEMORAL ARTERY/ HINDLIMB, blood supply/ MALE/ MESENTERIC ARTERIES/ NOREPINEPHRINE, pharmacodynamics/ PERFUSION/ SYMPATHETIC NERVOUS SYSTEM, drug effects/ *VASCULAR RESISTANCE/ *VASOMOTOR SYSTEM, physiology

4277. **Verrière P, Burlet P:** Propos sur le traitement hormonal du cancer prostatique.
J Med Lyon 48:869-70, 20 May 67 (Fre)
DRUG SYNERGISM/ *ESTROGENS, therapeutic use/ HUMAN/ MALE/ *PROSTATIC NEOPLASMS, drug therapy/ *STILBENES, therapeutic use

4278. **Verroust P:** L'homme sans reins.
Presse Med 77:818, 3 May 69 (Fre)
ALDOSTERONE, secretion/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ DOGS/ ERYTHROPOIESIS/ ERYTHROPOIETIN, secretion/ GLUCOSE, metabolism/ *HEMODIALYSIS/ HUMAN/ *HYPERTENSION, RENAL, surgery/ INSULIN, blood/ LIPOPROTEINS, blood/ *NEPHRECTOMY/ RENIN, blood/ SALIVA, analysis

4279. **Verztman L, Lima EF, Rubinstein J, et al:** Lupus eritematoso sistêmico e gravidez.
Hospital (Rio) 75:1595-609, May 69 (Por)
ADULT/ ENGLISH ABSTRACT/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ STEROIDS, therapeutic use

4280. **Vessey MP, Doll R:** Oral contraceptives and thromboembolic disease. Brit Med J 2:51, 4 Oct 69
ADOLESCENCE/ ADULT/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ PULMONARY EMBOLISM, chemically induced/ *THROMBOEMBOLISM, chemically induced/ THROMBOPHLEBITIS, chemically induced

4281. **Veyre A, Arnaud RN, Meyniel G, et al:** Etude de l'absorption, de la fixation, de l'élimination de la diiodobyphénine marquée à l'iode 125.
C R Soc Biol (Paris) 163:136-41, 1969 (Fre)
*ALCOHOLS, metabolism/ ANIMAL EXPERIMENTS/ FECES, analysis/ INTESTINAL ABSORPTION/ INTESTINE, LARGE, physiology/ INTESTINE, SMALL, physiology/ IODINE ISOTOPES/ KIDNEY, metabolism/ LIVER, metabolism/ LUNG, metabolism/ MALE/ RATS/ STOMACH, physiology/ THYROID GLAND, metabolism

4282. **Vezina C, Singh K, Sehgal SN:** Agar plate method for detecting microorganisms which produce equilin and other estrogens from various steroids.
Appl Microbiol 18:270-1, Aug 69
*BACTERIA, metabolism/ BACTERIOLOGICAL TECHNICS/ BIOTRANSFORMATION/ ESTROGENS, analysis/ *ESTROGENS, metabolism/ *FUNGI, metabolism/ METHODS/ STAINS AND STAINING/ *STEROIDS, metabolism

4283. **Vialli M:** Considerazioni sulla cellula preenterocromaffine argentofila.
Arch Ital Anat Embriol 73:349-62, 1968 (Ita)
*CELL DIFFERENTIATION/ *CHROMAFFIN SYSTEM, cytology/ *CYTOPLASMIC GRANULES/ ENGLISH ABSTRACT/ HUMAN/ NOMENCLATURE/ STAINS AND STAINING

4284. **Vialli M, Prenna G:** Contribution to the cytospectrofluorometric measurement of 5-hydroxytryptamine in enterochromaffin cells.
J Histochem Cytochem 17:321-30, May 69
ANIMAL EXPERIMENTS/ *CHROMAFFIN SYSTEM, analysis/ DUODENUM, cytology/ *FLUOROMETRY/ GUINEA PIGS/ HISTOCYTOCHEMISTRY/ LIGHT/ METHODS/ PHOTOMETRY/ *SPECTRUM ANALYSIS/ SPECTRUM ANALYSIS, instrumentation/ ULTRAVIOLET RAYS

4285. **Viars P:** Analgésiques centraux et mécanismes de la douleur.
Anesth Analg (Paris) 26:231-48, Mar-Apr 69 (Fre)
AMYGDALOID BODY, physiology/ ANIMAL EXPERIMENTS/ *CENTRAL NERVOUS SYSTEM, physiology/ CEREBRAL CORTEX, physiology/ HUMAN/ HYPOTHALAMUS, physiology/ *MORPHINE, pharmacodynamics/ NEURAL CONDUCTION/ NEURONS/ *PAIN, drug effects/ *PAIN, physiopathology/ PERIPHERAL NERVES, physiology/ RECEPTORS, NEURAL, physiology/ RETICULAR FORMATION, physiology/ SPINAL CORD, physiology/ THALAMUS, physiology

4286. **Viars P, Giudicelli JF:** Classification et pharmacologie des substances analgésiques dépourves d'action psychotrope.
Anesth Analg (Paris) 26:249-84, Mar-Apr 69 (Fre)
ACETANILIDE, pharmacodynamics/ ACID-BASE EQUILIBRIUM/ *ANALGESICS AND ANTIPYRETICS, classification/ *ANALGESICS AND ANTIPYRETICS, pharmacodynamics/ ANTHRANILIC ACID, pharmacodynamics/ BENZIMIDAZOLES, pharmacodynamics/ BLOOD CELLS, drug effects/ CENTRAL NERVOUS SYSTEM, drug effects/ ENDOCRINE GLANDS, drug effects/ GASTROINTESTINAL SYSTEM, drug effects/ KIDNEY, drug effects/ NICOTINIC ACID, pharmacodynamics/ PHENACETIN, pharmacodynamics/ PYRAZOLES, pharmacodynamics/ QUINOLINES, pharmacodynamics/ RESPIRATION, drug effects/ SALICYLATES, pharmacodynamics/ SALICYLIC ACID, pharmacodynamics/ SKIN, drug effects

4287. **Vidal B, Feruglio GA, Rossi P, et al:** Possibilità diagnostiche dell'aortografia transfemorale.
Cardiol Prat 18:39-51, Dec 67 (Ita)
ADRENAL GLAND DISEASES, radiography/ AORTA, ABDOMINAL/ AORTA, THORACIC, radiography/ *AORTOGRAPHY/ ENGLISH ABSTRACT/ *FEMORAL ARTERY/ HUMAN/ KIDNEY DISEASES, radiography/ LIVER DISEASES, radiography/ LUNG DISEASES, radiography/ METHODS/ PANCREATIC DISEASES, radiography/ SPLENIC DISEASES, radiography

4288. **Vieira Filho JP:** Hipercalcemia idiopática. Revisão e apresentação de um caso.
Rev Ass Med Brasil 13:355-60, Oct 67 (Por)
CHILD/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERCALCEMIA, etiology/ HYPERCALCEMIA, pathology/ MENTAL RETARDATION/ RADIOGRAPHY/ VITAMIN D, adverse effects

4289. **Vignon G, Pansu D, Bied JC:** L'osteoporose de la polyarthrite rhumatoide.
Rev Lyon Med 16:529-38, Jul-Aug 67 (Fre)
ADRENAL CORTEX HORMONES, adverse effects/ AGE FACTORS/ AGED/ *ARTHRITIS, RHEUMATOID, complications/ CALCIUM, metabolism/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *OSTEOPOROSIS, complications

4290. **Vignon G, Pansu D:** Le métabolisme du calcium.
Rev Lyon Med 16:539-52, Jul-Aug 67 (Fre)
BONE AND BONES, metabolism/ *CALCIUM, metabolism/ CALCIUM, urine/ ENGLISH ABSTRACT/ HORMONES, physiology/ INTESTINES, metabolism/ KIDNEY, metabolism/ VITAMINS, physiology

4291. **Viguera MG, Sunahara FA:** Microcirculatory effects of prostaglandins.
Canad J Physiol Pharmacol 47:627-34, Jul 69
ANIMAL EXPERIMENTS/ *BLOOD CIRCULATION, drug effects/ BLOOD PRESSURE, drug effects/ BLOOD VESSELS, anatomy & histology/ *BLOOD VESSELS, physiology/ CECUM, blood supply/ EPINEPHRINE, antagonists & inhibitors/ EPINEPHRINE, pharmacodynamics/ FEMALE/ MALE/ METHODS/ MICROSCOPY/ MUSCLES, blood supply/ NOREPINEPHRINE, antagonists & inhibitors/ NOREPINEPHRINE, pharmacodynamics/ PHYSIOLOGY, instrumentation/ *PROSTAGLANDINS, pharmacodynamics/ RATS/ TELEVISION/ TESTIS/ *VASOMOTOR SYSTEM, drug effects

4292. **Vikhert AM, Postnov IuV, Pozdiunina NM, et al:** Izuchenie organov, reguliruiushchikh natrievyĭ obmen pri dlitel'nom primenenii solevoĭ diety (k morfologii i énzimogistokhimii solevoĭ gipertonii)
Kardiologiia 7:107-14, Nov 67 (Rus)
ACID PHOSPHATASE, metabolism/ ADENOSINE TRIPHOSPHATASE, metabolism/ *ADRENAL GLANDS, pathology/ ADRENAL GLANDS, physiopathology/ ANIMAL EXPERIMENTS/ AORTA, analysis/ *AORTA, enzymology/ CALCIUM, analysis/ HISTOCYTOCHEMISTRY/ *HYPERTENSION, enzymology/ HYPERTENSION, etiology/ *HYPERTENSION, pathology/ JUXTAGLOMERULAR APPARATUS, pathology/ JUXTAGLOMERULAR APPARATUS, physiopathology/ *KIDNEY, enzymology/ *KIDNEY, pathology/ KIDNEY, physiopathology/ MALATE DEHYDROGENASE, metabolism/ METHODS/ MYOCARDIUM, analysis/ *MYOCARDIUM, enzymology/ NAD, metabolism/ NADP, metabolism/ POTASSIUM, analysis/ RATS/ SODIUM, analysis/ *SODIUM CHLORIDE, metabolism/ SUCCINATE DEHYDROGENASE, metabolism/ WATER-ELECTROLYTE BALANCE

4293. **Vikhliaeva EM, Bazhanova LP, Kiseleva AM:** Ob adaptatsionnykh vozmozhnostiakh zhenskogo organizma v rannem poslerodovom periode.
Akush Ginek (Moskva) 45:3-8, May 69 (Rus)
ADOLESCENCE/ ADULT/ BLOOD PROTEINS/ ELECTROLYTES, blood/ FEMALE/ HEMORRHAGE, POSTPARTUM/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, blood/ PREGNANCY/ *PUERPERIUM/ SERUM GLOBULIN

4294. **Vila-Cova ML:** Estudo do complexo de pregnandiol urinário por cromatografia em camada fina.
Rev Iber Endocr 16:303-19, Jul-Aug 69 (Por)
*CHROMATOGRAPHY, THIN LAYER/ ENGLISH ABSTRACT/ FEMALE/ GESTATIONAL AGE/ HUMAN/ METHODS/ PREGNANCY/ PREGNANCY COMPLICATIONS, diagnosis/ *PREGNANEDIOL, urine

4295. **Villanueva R, Aznar J:** Acción de un andrógeno (17 alpha-metil, 17 beta-hidroxiandrosta-1,4-dien 3-ona) sobre la agregación plaquetar.
Rev Esp Fisiol 25:23-8, Mar 69 (Spa)
AGGLUTINATION TESTS/ *ANDROGENS, pharmacodynamics/ ANIMAL EXPERIMENTS/ *BLOOD CELLS, drug effects/ CATTLE/ *CELL AGGREGATION, drug effects/ ENGLISH ABSTRACT/ HUMAN/ METHODS

4296. **Villee DB:** Development of endocrine function in the human placenta and fetus (second of two parts).
New Eng J Med 281:533-41, 4 Sep 69 (63 ref.)
ADRENAL GLANDS, embryology/ ADRENAL GLANDS, enzymology/ ADRENOGENITAL SYNDROME, metabolism/ CELL DIFFERENTIATION/ EMBRYO, metabolism/ *ENDOCRINE GLANDS, embryology/ ESTROGENS, metabolism/ FEMALE/ *FETUS, metabolism/ GONADS, embryology/ HUMAN/ INFANT, NEWBORN/ MALE/ PANCREAS, embryology/ PARATHYROID GLANDS, embryology/ PITUITARY GLAND, embryology/ PLACENTA, enzymology/ *PLACENTA, metabolism/ PLACENTAL HORMONES, metabolism/ PLACENTAL LACTOGEN, metabolism/ PREGNANCY/ PROGESTERONE, metabolism/ REVIEW/ THYROID GLAND, embryology

4297. **Villemaire A, Leblanc J:** Interaction thyroïde-noradrénaline sur le métabolisme.
J Physiol (Paris) 60:Suppl 2:381, 1968 (Fre)
ANIMAL EXPERIMENTS/ BODY TEMPERATURE REGULATION/ GUANETHIDINE, pharmacodynamics/ *NOREPINEPHRINE, pharmacodynamics/ OXYGEN CONSUMPTION/ RATS/ *THYROID GLAND, physiology/ THYROIDECTOMY/ THYROXINE, pharmacodynamics

4298. **Vincent JD, Dufy B, Faure JM:** Activités unitaires recueillies dans l'hippocampe au cours d la veille et du sommeil chez la laping chronique libre.
J Physiol (Paris) 60:Suppl 2:568, 1968 (Fre)
ANIMAL EXPERIMENTS/ ELECTROENCEPHALOGRAPHY/ *HIPPOCAMPUS, physiology/ HYPOTHALAMUS, physiology/ PYRAMIDAL TRACTS, physiology/ RABBITS/ *SLEEP/ *WAKEFULNESS

4299. **Vincenzi FF:** The calcium pump of erythrocyte membrane and its inhibition by ethacrynic acid.
Proc West Pharmacol Soc 11:58-60, 1968
ADENOSINE TRIPHOSPHATASE, metabolism/ ADENOSINE TRIPHOSPHATE, metabolism/ BIOLOGICAL TRANSPORT, ACTIVE, drug effects/ *CALCIUM, metabolism/ *CELL MEMBRANE, metabolism/ CELL MEMBRANE PERMEABILITY/ *ERYTHROCYTES, metabolism/ *ETHACRYNIC ACID, pharmacodynamics/ HEMOLYSIS/ HUMAN/ IN VITRO

4300. **Vishnevskaia ES:** K voprosu o sindrome psevdotumora golovnogo mozga kak oslozhnenii pri kortikosteroidnoĭ terapii.
Vestn Oftal 81:72-3, Jul-Aug 68 (Rus)
ADOLESCENCE/ *BRAIN NEOPLASMS, diagnosis/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *PREDNISOLONE, therapeutic use/ PSEUDOTUMOR CEREBRI, diagnosis/ *PYELONEPHRITIS, drug therapy/ *TRIAMCINOLONE, adverse effects

4301. **Vita VT de, Bennett JM, Foley HT, et al:** The staging of Hodgkin's disease.
Rev Franc Etud Clin Biol 13:1004-6, Dec 68
BIOPSY/ BONE AND BONES/ BONE MARROW EXAMINATION/ *HODGKIN'S DISEASE, diagnosis/ HODGKIN'S DISEASE, pathology/ *HODGKIN'S DISEASE, physiopathology/ HODGKIN'S DISEASE, radiography/ HUMAN/ LIVER, pathology/ LYMPHOGRAPHY/ MYELOFIBROSIS/

PROGNOSIS/ RADIOISOTOPE SCANNING/ STRONTIUM ISOTOPES/ UROGRAPHY/ VENA CAVA, INFERIOR, radiography

4302. **Vitkus AS**: Vosstanovitel'nye protsessy v serdechnoi myshtse pri zazhivlenii éksperimental'nogo infarkta miokarda (dannye nekotorykh kolichestvennykh issledovanii) Arkh Anat 56:53-7, Jan 69 (Rus)
ADENOSINE TRIPHOSPHATE, therapeutic use/ CELL NUCLEUS, drug effects/ DNA, biosynthesis/ FOLIC ACID, therapeutic use/ HEART, drug effects/ HYPERTROPHY/ KARYOMETRY/ METHODS/ *MYOCARDIAL INFARCT, drug therapy/ MYOCARDIAL INFARCT, metabolism/ MYOCARDIUM, metabolism/ PROTEIN HYDROLYSATES, therapeutic use/ PYRIDOXINE, therapeutic use/ RABBITS/ *REGENERATION, drug effects/ RNA, biosynthesis/ TESTOSTERONE, therapeutic use/ TIME FACTORS/ VITAMIN B 12, therapeutic use

4303. **Vitlin VI**: Profilaktika i lechenie pechenochno-pochechnoi nedostatochnosti pri obturatsionnoi zheltukhe.
Klin Khir (Kiev) 2:20-5, Feb 68 (Rus)
ADULT/ AGED/ ANIMAL EXPERIMENTS/ DOGS/ FEMALE/ HUMAN/ *JAUNDICE, OBSTRUCTIVE, complications/ *KIDNEY FAILURE, ACUTE, prevention & control/ LIVER DISEASES, etiology/ *LIVER DISEASES, prevention & control/ MALE/ *METHYLTHIOURACIL, therapeutic use/ MIDDLE AGE/ RATS

4304. **Vitse M, Silberberg L**: Expérimentation clinique de l'acétate de chlormadinone en gynécologie et en obstétrique.
Bull Fed Gynec Obstet Franc 19:113-4, Apr-May 67 (Fre)
*ABORTION, drug therapy/ *CHLORMADINONE, therapeutic use/ CLINICAL RESEARCH/ FEMALE/ *GYNECOLOGIC DISEASES, drug therapy/ HUMAN/ *LABOR/ PREGNANCY

4305. **Viveros OH, Arqueros L, Kirshner N**: Mechanism of secretion from the adrenal medulla. V. Retention of storage vesicle membranes following release of adrenaline. Molec Pharmacol 5:342-9, Jul 69
ADRENAL GLANDS, analysis/ *ADRENAL GLANDS, enzymology/ ADRENAL GLANDS, physiology/ *ADRENAL MEDULLA, secretion/ ANIMAL EXPERIMENTS/ CATECHOLAMINES, secretion/ CHLORISONDAMINE, pharmacodynamics/ DOPAMINE, analysis/ DOPAMINE, metabolism/ EPINEPHRINE, analysis/ *EPINEPHRINE, metabolism/ HYDROXYLASES, analysis/ HYDROXYLASES, metabolism/ INSULIN, pharmacodynamics/ MEMBRANES, metabolism/ NORSYNEPHRINE, analysis/ RABBITS/ RESERPINE, pharmacodynamics

4306. **Viveros OH, Arqueros L, Kirshner N**: Quantal secretion from adrenal medulla: all-or-none release of storage vesicle content. Science 165:911-3, 29 Aug 69
*ADRENAL MEDULLA, secretion/ ANIMAL EXPERIMENTS/ CATECHOLAMINES, analysis/ CENTRIFUGATION, DENSITY GRADIENT/ DOPAMINE, metabolism/ HYDROXYLASES, analysis/ INSULIN, pharmacodynamics/ MODELS, NEUROLOGIC/ NEURAL TRANSMISSION/ *NEUROSECRETION, drug effects/ QUANTUM THEORY/ RABBITS

4307. **Vizsolyi E, Perks AM**: New neurohypophysial principle in foetal mammals.
Nature (London) 223:1169-71, 13 Sep 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ *FETUS, metabolism/ FROGS/ GESTATIONAL AGE/ *OXYTOCIN, analysis/ *PINNIPEDIA/ *PITUITARY GLAND, analysis/ RATS/ *SHEEP/ SPECIES SPECIFICITY/ *VASOPRESSIN, analysis

4308. **Vizzone A, Calugi A, Lanzone P**: L'estriol indice funzionale dell'unità feto-placentare. I. Biosintesi, metabolismo ed escrezione dell'estriolo nella gravidanza in normale evoluzione.
Quad Clin Ostet Ginec 22:633-53, Sep 67 (111 ref.) (Ita)
*ESTRIOL, biosynthesis/ *ESTRIOL, metabolism/ ESTRIOL, urine/ FEMALE/ FETAL DEATH/ *FETAL DISEASES, diagnosis/ *FETUS, metabolism/ HUMAN/ *PLACENTA, metabolism/ *PREGNANCY/ REVIEW

4309. **Vladirmirov SV**: Izmenenila ob"emov iader kletok supraopticheskogo iadra gipotalamusa krys v ontogeneze.
Probl Endokr (Moskva) 15:70-4, Mar-Apr 69 (Rus)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ GESTATIONAL AGE/ *HYPOTHALAMUS, cytology/ *HYPOTHALAMUS, embryology/ PREGNANCY/ RATS

4310. **Vogelsang H, Calatayud-Maldonado V**: Importancia de la osteoangiografía espinal en el diagnóstico de procesos de localizacion vertebromedular.
Acta Oncol (Madrid) 7:185-200, Jul-Dec 68 (Spa)
*ANGIOGRAPHY/ *ANGIOMATOSIS, radiography/ *BONE AND BONES, blood supply/ ENGLISH ABSTRACT/ METHODS/ *OSTEOMYELITIS, radiography/ PHLEBOGRAPHY/ *SPINAL NEOPLASMS, radiography

4311. **Vogl A**: Kohlenhydratstoffwechsel und Karzinom.
Med Welt 26:1500-1, 28 Jun 69 (Ger)
ADENOCARCINOMA, drug therapy/ *ADENOCARCINOMA, metabolism/ AGED/ *CARBOHYDRATES, metabolism/ CYLINDROMA, complications/ *CYLINDROMA, metabolism/ CYLINDROMA, surgery/ DIABETES MELLITUS, complications/ *DIABETES MELLITUS, metabolism/ FEMALE/ HUMAN/ INJECTIONS, INTRAVENOUS/ MIDDLE AGE/ *MONOSACCHARIDES, pharmacodynamics/ MONOSACCHARIDES, therapeutic use/ NEOPLASM METASTASIS, drug therapy/ NEOPLASM METASTASIS, metabolism/ OVARIAN NEOPLASMS, complications/ *OVARIAN NEOPLASMS, metabolism/ OVARIAN NEOPLASMS, surgery/ UTERINE NEOPLASMS, drug therapy/ *UTERINE NEOPLASMS, metabolism

4312. **Vogt FB, Meharg LS, Mack PB**: Use of a digital computer in the measurement of roentgenographic bone density. Amer J Roentgen 105:870-6, Apr 69
*BONE AND BONES, radiography/ CALCANEUS, radiography/ COMPUTERS, ANALOG/ *COMPUTERS, DIGITAL/ *DENSITOMETRY, X-RAY/ DENSITOMETRY, X-RAY, instrumentation/ HUMAN

4313. **Vogt JH, Norman N, Aakvaag A**: Virkningen av choriongonadotropinpå plasmatestosteron hos menn.
Nord Med 82:1045-9, 21 Aug 69 (Nor)
ADOLESCENCE/ ADULT/ AGED/ ANDROSTERONE, urine/ ENGLISH ABSTRACT/ ESTRIOL, urine/ ETIOCHOLANOLONE, urine/ *GONADOTROPINS, CHORIONIC, administration & dosage/ HUMAN/ HYPOGONADISM, classification/ *HYPOGONADISM, drug therapy/ MALE/ MIDDLE AGE/ TESTIS, physiopathology/ *TESTOSTERONE, blood

4314. **Voitkevich AA, Dedov II**: Reaktsiia ul'trastruktury razlichno funktsioniruiushchikh neirosekretornykh kletok na obshchee obluchenie.
Probl Endokr (Moskva) 15:60-5, Mar-Apr 69 (Rus)
AMPHETAMINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CHLORPROMAZINE, pharmacodynamics/ ENGLISH ABSTRACT/ HYPOTHALAMUS, pathology/ *HYPOTHALAMUS, radiation effects/ MALE/ MITOCHONDRIA, radiation effects/ NEURONS, radiation effects/ *NEUROSECRETION, radiation effects/ *RADIATION EFFECTS/ RATS/ RIBOSOMES, radiation effects

4315. **Voitkevich AA, Ruditskii MG**: Nekotorye aspekty problemy peresadki zhelez vnutrennei sekretsii.

Probl Endokr (Moskva) 14:105-8, Nov-Dec 68 (Rus)
ADRENAL GLANDS, transplantation/ ANIMAL EXPERIMENTS/ *ENDOCRINE GLANDS, transplantation/ HUMAN/ PITUITARY GLAND, transplantation/ TRANSPLANTATION, HOMOLOGOUS

4316. **Völkel H: Umwelt und seelische Geschlechtsentwicklung.**
Bibl Psychiat Neurol 141:148-68, 1969 (Ger)
ADAPTATION, PSYCHOLOGICAL/ ADULT/ CHILD, PRESCHOOL/ CHILD PSYCHOLOGY/ ENGLISH ABSTRACT/ *ENVIRONMENT/ FEMALE/ GENITALIA, abnormalities/ HERMAPHRODITISM/ HOMOSEXUALITY/ HUMAN/ HYPOSPADIAS/ IMPOTENCE/ MALE/ *PSYCHOSEXUAL DEVELOPMENT/ SOCIAL CONDITIONS

4317. **Volkova IuV: Sostoianie fermentativnoĭ deiatel'nosti kishechnika i podzheludochnoĭ zhelezy u deteĭ, bol'nykh rakhitom.** Pediatriia 48:41-4, Jun 69 (Rus)
CHILD, PRESCHOOL/ FEMALE/ HUMAN/ INFANT/ *INTESTINES, enzymology/ LIPASE, analysis/ MALE/ *PANCREAS, enzymology/ PEPTIDE PEPTIDOHYDROLASES, analysis/ *RICKETS, enzymology/ TRYPSIN, analysis

4318. **Volkova TN, Danilova NS, Ionisiants VP, et al: O zabolevaemosti gorodskogo naseleniia éndokrinnymi bolezniami.** Vrach Delo 2:115-6, Feb 67 (Rus)
ADULT/ AGE FACTORS/ CHILD/ CHILD, PRESCHOOL/ *ENDOCRINE DISEASES, occurrence/ FEMALE/ HUMAN/ INFANT/ MALE/ MIDDLE AGE/ SEX FACTORS/ *URBAN POPULATION/ USSR

4319. **Vollrath L: Uber die Herkunft "synaptischer" Bläschen in neurosekretorischen Axonen.**
Z Zellforsch 99:146-52, 1969 (Ger)
ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ *AXONS, cytology/ EMBRYO/ ENGLISH ABSTRACT/ FEMALE/ HISTOLOGICAL TECHNICS/ MALE/ MICROSCOPY, ELECTRON/ *NEUROSECRETION/ *PITUITARY GLAND, POSTERIOR, cytology/ *RATS, anatomy & histology

4320. **Vollrath L: Zur Innervation endokriner Drüsen. Beiträge der modernen Morphologie und vergleichenden Anatomie.**
Munchen Med Wschr 111:1464-8, 4 Jul 69 (Ger)
ADRENAL GLANDS, cytology/ ADRENAL GLANDS, innervation/ ANIMAL EXPERIMENTS/ *ENDOCRINE GLANDS, innervation/ ENGLISH ABSTRACT/ FISHES/ HUMAN/ ISLANDS OF LANGERHANS, cytology/ ISLANDS OF LANGERHANS, innervation/ MICROSCOPY, ELECTRON/ PINEAL BODY, cytology/ PINEAL BODY, innervation/ PITUITARY GLAND, cytology/ PITUITARY GLAND, innervation/ SYNAPSES

4321. **Vollrath L: Uber die Entwicklung des Dünndarms der Ratte. Morphologische, histochemische und experimentelle Untersuchungen.**
Ergebn Anat Entwicklungsgesch 41:3-66, 1969 (Ger)
ADRENAL CORTEX HORMONES, physiology/ ANIMAL EXPERIMENTS/ ESTERASES, analysis/ FEMALE/ FETUS/ HISTOCYTOCHEMISTRY/ INTESTINAL MUCOSA, cytology/ *INTESTINE, SMALL, embryology/ INTESTINE, SMALL, growth & development/ JEJUNUM/ MALE/ MICROSCOPY, ELECTRON/ OXIDOREDUCTASES, analysis/ PHOSPHATASES, analysis/ RATS

4322. **Volozhin AI, Lemetskaia TI: Izmeneniia v kostnoĭ tkani intaktnykh i paratireoidéktomirovannykh krys pod deĭstviem gliukonata kal'tsiia i gormona okoloshchitovidnykh zhelez.**
Probl Endokr (Moskva) 14:105-7, May-Jun 68 (Rus)
ANIMAL EXPERIMENTS/ BONE AND BONES, analysis/ BONE AND BONES, drug effects/ *BONE AND BONES, metabolism/ CALCIUM, pharmacodynamics/ CALCIUM ISOTOPES/ ENGLISH ABSTRACT/ *GLUCONATES, pharmacodynamics/ *PARATHYROID GLANDS, physiology/ PARATHYROID GLANDS, surgery/ *PARATHYROID HORMONE, pharmacodynamics/ RATS

4323. **Volpé R: Treatment of thyroiditis.**
Mod Treatm 6:474-96, May 69
*ANTIBIOTICS, therapeutic use/ *GLUCOCORTICOIDS, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ *THYROIDITIS, drug therapy

4324. **Vonderhaar B, Mueller GC: Binding of estrogen receptor to estradiol immobilized on insoluble resins.**
Biochim Biophys Acta 176:626-31, 29 Apr 69
ANIMAL EXPERIMENTS/ BINDING SITES/ ESTRADIOL, analysis/ *ESTRADIOL, metabolism/ FEMALE/ RATS/ *RECEPTORS, DRUG/ *RESINS/ UTERUS, analysis/ UTERUS, metabolism

4325. **Vondrová-Stichenwirthov, Herdegen L: Syndrom Laurencův-Moonův-Biedlův-Bardetův u čtrnáctiletého chlapxe.**
Cesk Pediat 24:797-800, Sep 69 (Cze)
ADOLESCENCE/ CASE REPORT/ CHILD/ CONSANGUINITY/ ENGLISH ABSTRACT/ FROEHLICH'S SYNDROME/ HUMAN/ *LAURENCE-MOON-BIEDL SYNDROME/ MALE/ MENTAL RETARDATION/ MULTIPLE SCLEROSIS/ PEDIGREE/ RETINITIS PIGMENTOSA

4326. **Vořísek P, Pospíšil J, Horský J, et al: Hemostatický účinek kombinace mestranolu a chlorsuperlutinu u dysfunkčního krvácení.**
Cesk Gynek 34:410-2, Sep 69 (Cze)
DRUG SYNERGISM/ ENDOMETRIUM, drug effects/ ENGLISH ABSTRACT/ FEMALE/ HEMOSTASIS/ HUMAN/ *MENORRHAGIA, drug therapy/ *MESTRANOL, therapeutic use/ *PROGESTERONE, therapeutic use

4327. **Voytovich AE, Owens IS, Topper YJ: A novel action of insulin on phosphoprotein formation by mammary gland explants.**
Proc Nat Acad Sci USA 63:213-7, May 69
ANIMAL EXPERIMENTS/ *CASEIN, biosynthesis/ CULTURE MEDIA/ FEMALE/ *INSULIN, pharmacodynamics/ *MAMMAE, metabolism/ METHODS/ MICE/ PHOSPHORUS ISOTOPES/ PREGNANCY/ PROLACTIN, pharmacodynamics/ RADIOAUTOGRAPHY/ TISSUE CULTURE

4328. **Voznesenskaia TE: Dinamika izmeneniĭ gazoobmena u krys v razlichnye sroki posle adrenaléktomii.**
Probl Endokr (Moskva) 13:72-4, May-Jun 67 (Rus)
*ADRENAL GLANDS, physiology/ *ADRENALECTOMY/ ANIMAL EXPERIMENTS/ BLOOD GAS ANALYSIS/ *CARBON DIOXIDE, blood/ *OXYGEN CONSUMPTION/ RATS/ TIME FACTORS

4329. **Vulliemoz Y, Triner L, Nahas G: Interaction de l'ouabaïn et des drogues lipolytiques.**
J Physiol (Paris) 60:Suppl 2:569, 1968 (Fre)
ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ ADENOSINE TRIPHOSPHATASE, antagonists & inhibitors/ *ADIPOSE TISSUE, drug effects/ ANIMAL EXPERIMENTS/ *CATECHOLAMINES, pharmacodynamics/ EPIDIDYMIS, drug effects/ EPINEPHRINE, pharmacodynamics/ ISOPROTERENOL, pharmacodynamics/ KINETICS/ *LIPIDS, metabolism/ MALE/ NOREPINEPHRINE, pharmacodynamics/ OUABAIN, antagonists & inhibitors/ *OUABAIN, pharmacodynamics/ RATS/ THEOPHYLLINE, pharmacodynamics

4330. **Vunder PA: Ranniaia steroidnaia reguliatsiia polovoĭ differentsirovki mozga (obzor literatury)**
Probl Endokr (Moskva) 15:114-20, May-Jun 69 (53 ref.) (Rus)
ANDROGENS, pharmacodynamics/ *ANDROGENS, physiology/ ANIMAL EXPERIMENTS/ *BRAIN, growth & development/ CASTRATION/ CENTRAL NERVOUS SYSTEM, growth & development/ CENTRAL NERVOUS SYSTEM, physiology/

FEMALE/ GONADOTROPINS, secretion/ *GONADS, physiology/ HUMAN/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ HYPOTHALAMUS, physiology/ LH, secretion/ MALE/ OVARY, anatomy & histology/ OVARY, transplantation/ PITUITARY GLAND, physiology/ RATS/ REVIEW/ SEX FACTORS/ TESTOSTERONE, pharmacodynamics/ TRANSPLANTATION, HOMOLOGOUS

4331. **Vyse ER, Nash D:** Nutritional conditional mutants of Drosophila melanogaster. Genet Res 13:281-7, Jun 69
ANIMAL EXPERIMENTS/ *ANIMAL NUTRITION/ CULTURE MEDIA/ DROSOPHILA/ FEMALE/ GENES, LETHAL/ MALE/ *MUTATION/ SEX CHROMOSOMES

W

4332. **Wade JS:** Review of thyroid carcinomas in the United Cardiff Hospitals. Proc Roy Soc Med 62:812-4, Aug 69
*ADENOCARCINOMA/ *CARCINOMA/ *CARCINOMA, PAPILLARY/ HUMAN/ LYMPHATIC METASTASIS/ NEOPLASM RECURRENCE, LOCAL/ SARCOMA, RETICULUM CELL/ *THYROID NEOPLASMS/ THYROID NEOPLASMS, mortality/ THYROID NEOPLASMS, surgery/ THYROIDECTOMY

4333. **Wagner E, Czermak H, Swoboda W:** Die Wirkung des oralen und des intramuskulären Vitamin-D-Stosses auf das Serumkalzium von Frühgeborenen.
Wien Med Wschr 119:415-8, 31 May 69 (Ger)
CALCIUM, blood/ CALCIUM, metabolism/ HUMAN/ HYPOCALCEMIA, blood/ *HYPOCALCEMIA, drug therapy/ INFANT/ INFANT, NEWBORN/ *INFANT, PREMATURE, DISEASES, drug therapy/ INJECTIONS, INTRAMUSCULAR/ RICKETS, prevention & control/ *VITAMIN D, administration & dosage

4334. **Waldhäusl W, Beringer A, Schneider W:** Die Beeinflussung der Glukosetoleranz und der Plasmainsulinkonzentration durch Ovulationshemmer.
Geburtsh Frauenheilk 29:611-7, Jul 69 (Ger)
ADULT/ *BLOOD SUGAR, metabolism/ CHLORMADINONE, pharmacodynamics/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ ENGLISH ABSTRACT/ FEMALE/ GLUCOSE TOLERANCE TEST/ HUMAN/ *INSULIN, blood/ LYNESTRENOL, pharmacodynamics/ MESTRANOL, pharmacodynamics/ PLASMA

4335. **Walker AC, Cox DW:** The Rubinstein-Taybi syndrome. Med J Aust 2:99-101, 12 Jul 69
*ABNORMALITIES, MULTIPLE, pathology/ *BONE AND BONES, abnormalities/ CHILD, PRESCHOOL/ *FACE, abnormalities/ HUMAN/ MALE/ MENTAL RETARDATION, complications

4336. **Walker AH:** Termination of pregnancy using utus paste. Proc Roy Soc Med 62:832, Aug 69
*ABORTION, LEGAL/ ABORTION, LEGAL, adverse effects/ ANESTHESIA, INHALATION/ ERGONOVINE/ FEMALE/ HALOTHANE/ HUMAN/ OXYTOCIN/ PREANESTHETIC MEDICATION/ PREGNANCY

4337. **Walker AH:** Termination of pregnancy using 'utus' paste. Practitioner 203:324-8, Sep 69
*ABORTION, LEGAL/ ABORTION, LEGAL, adverse effects/ ANESTHESIA/ FEMALE/ HUMAN/ OXYTOCIN, therapeutic use/ PREGNANCY/ *SOAPS

4338. **Walker BE, Diddle AW:** Acute pancreatitis in gynecologic and obstetric practice.
Amer J Obstet Gynec 105:206-11, 15 Sep 69
ACETAZOLAMIDE, therapeutic use/ ADOLESCENCE/ ADULT/ AMYLASE, blood/ AMYLASE urine/ CALCIUM, blood/ DEXTRAN, therapeutic use/ FEMALE/ GYNECOLOGY/ HUMAN/ LIPASE, blood/ MEPERIDINE, therapeutic use/ MIDDLE AGE/ *PANCREATITIS/ PANCREATITIS, diagnosis/ PANCREATITIS, occurrence/ PANCREATITIS, therapy/ PREGNANCY/ *PREGNANCY COMPLICATIONS/ PROPYLTHIOURACIL, therapeutic use

4339. **Walker TF:** Investigations of possible sub-lethal effects of DDT on oögenesis in houseflies.
Trans Roy Soc Trop Med Hyg 63:430, 1969
ANIMAL EXPERIMENTS/ *DDT/ *HOUSEFLIES/ OVARY, drug effects/ *OVUM, drug effects

4340. **Wall ME, Abernethy GS Jr, Carroll FI, et al:** The effects of some steroidal alkylating agents on experimental animal mammary tumor and leukemia systems.
J Med Chem 12:810-8, Sep 69
ADENOCARCINOMA, drug therapy/ ALKYLATING AGENTS, administration & dosage/ *ALKYLATING AGENTS, therapeutic use/ ANIMAL EXPERIMENTS/ BODY WEIGHT, drug effects/ CARCINOMA 256, WALKER, drug therapy/ CHEMISTRY/ CHOLESTEROL, therapeutic use/ CYCLOPHOSPHAMIDE, therapeutic use/ ESTERS, therapeutic use/ ESTRADIOL, therapeutic use/ ESTRONE, therapeutic use/ FEMALE/ *LEUKEMIA, EXPERIMENTAL, drug therapy/ LEUKEMIA L1210, drug therapy/ *MAMMARY NEOPLASMS, EXPERIMENTAL, drug therapy/ NEOPLASM TRANSPLANTATION/ PHENYLACETATES, therapeutic use/ RATS/ *STEROIDS, therapeutic use/ VEHICLES

4341. **Wallace WC, Madden WM:** Partial puborectalis resection: a new surgical technic for anorectal dysfunction. Southern Med J 62:1123-6, Sep 69
ADOLESCENCE/ ADULT/ AGED/ *ANUS DISEASES, surgery/ CHILD/ CHILD, PRESCHOOL/ CONSTIPATION, surgery/ DERMATITIS, surgery/ FECAL INCONTINENCE, surgery/ FEMALE/ HUMAN/ MALE/ METHODS/ MIDDLE AGE/ *MUSCLES, surgery/ POSTOPERATIVE CARE/ PRURITUS, surgery/ *RECTAL DISEASES, surgery/ SPASM/ TRIIODOTHYRONINE, therapeutic use

4342. **Walloe L:** Det sentralnervøse apparat for osmoregulering.
T Norsk Laegeforen 89:1077-82, 1 Jul 69 (Nor)
ALDOSTERONE, blood/ ANIMAL EXPERIMENTS/ CORTICOTROPIN, blood/ DRINKING/ HYPOTHALAMUS, physiology/ *OSMOSIS/ PITUITARY-ADRENAL SYSTEM/ PITUITARY GLAND, POSTERIOR, innervation/ REVIEW/ SALTS, metabolism/ THIRST/ TIME FACTORS/ VASOPRESSIN, blood/ WATER, metabolism/ *WATER-ELECTROLYTE BALANCE

4343. **Walsh RF, Karmiol M:** Oral roentgenographic findings in osteitis fibrosa generalisata associated with chronic renal disease. Oral Surg 28:273-81, Aug 69
ADULT/ DECALCIFICATION, PATHOLOGIC/ HUMAN/ *JAW DISEASES, radiography/ *KIDNEY FAILURE, CHRONIC/ KIDNEY FAILURE, CHRONIC, metabolism/ MALE/ *ORAL MANIFESTATIONS/ *OSTEITIS FIBROSA CYSTICA/ PARATHYROID GLANDS, physiopathology

4344. **Waltman R, Hassimi M:** Hydatidiform mole; evacuation with an electric current.
Amer J Obstet Gynec 104:1220-1, 15 Aug 69
ADULT/ CASE REPORT/ *ELECTRIC STIMULATION/ FEMALE/ HUMAN/ *HYDATIDIFORM MOLE, therapy/ *LABOR, INDUCED

4345. **Walton JG, Thompson JW:** Pharmacology for the dental practitioner. 4. Unwanted effects due to drugs (continued). Brit Dent J 127:177-82, 19 Aug 69
ADRENAL CORTEX HORMONES, adverse effects/ ANAPHYLAXIS/ ANTIGEN-ANTIBODY REACTIONS/ ANTIHISTAMINICS, adverse effects/ DENTISTRY/ *DRUG HYPERSENSITIVITY/ DRUG HYPERSENSITIVITY, prevention & control/ HUMAN

4346. **Walton JN:** Muscular dystrophies and their management. Brit Med J 3:639-42, 13 Sep 69
ADOLESCENCE/ ADULT/ CHILD/ CHILD, PRESCHOOL/ DIPHENYLHYDANTOIN, administration & dosage/ FEMALE/ HUMAN/ MALE/ MUSCULAR DYSTROPHY, classification/ MUSCULAR DYSTROPHY, complications/ MUSCULAR DYSTROPHY, diagnosis/ MUSCULAR DYSTROPHY, familial & genetic/ *MUSCULAR DYSTROPHY, therapy/ MYOTONIA, drug therapy/ PREDNISONE, administration & dosage/ PROCAINE AMIDE, administration & dosage/ RESPIRATORY TRACT INFECTIONS, etiology

4347. **Wang DY, Bulbrook RD, Shanmugaratnam K:** The plasma levels of dehydroepiandrosterone sulphate, androsterone sulphate, cortisol and transcortin in Chinese, Indian and Malay males.
Singapore Med J 10:18-23, Mar 69
ADULT/ *ANDROSTERONE, blood/ *CAUCASIAN RACE/ *DEHYDROEPIANDROSTERONE, blood/ HUMAN/ MALE/ MIDDLE AGE/ *MONGOLOID RACE/ SULFATES, blood/ *TRANSCORTIN, blood

4348. **Wang HH, Adey WR:** Effects of cations and hyaluronidase on cerebral electrical impedance.
Exp Neurol 25:70-84, Sep 69
AMYGDALOID BODY, drug effects/ AMYGDALOID BODY, physiology/ ANIMAL EXPERIMENTS/ BARIUM, pharmacodynamics/ BRAIN, drug effects/ *BRAIN, physiology/ CALCIUM, cerebrospinal fluid/ *CALCIUM, pharmacodynamics/ CATS/ CAUDATE NUCLEUS, drug effects/ CAUDATE NUCLEUS, physiology/ EXTRACELLULAR SPACE, metabolism/ HIPPOCAMPUS, drug effects/ HIPPOCAMPUS, physiology/ HYALURONIDASE, metabolism/ *HYALURONIDASE, pharmacodynamics/ MAGNESIUM, pharmacodynamics/ *PLETHYSMOGRAPHY, IMPEDANCE/ POTASSIUM, pharmacodynamics/ SODIUM, pharmacodynamics/ STRONTIUM, pharmacodynamics

4349. **Warberg J, Thorn NA:** In vitro studies of the release mechanism for vasopressin in rats. 3. Effect of metabolic inhibitors on the release.
Acta Endocr (Kobenhavn) 61:415-24, Jul 69
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CALCIUM, pharmacodynamics/ DINITROPHENOLS, pharmacodynamics/ ETHYLMALEIMIDE, pharmacodynamics/ IODOACETATES, pharmacodynamics/ *PITUITARY GLAND, POSTERIOR, secretion/ POTASSIUM, pharmacodynamics/ RATS/ VASOPRESSIN, analysis/ *VASOPRESSIN, secretion

4350. **Wardener HE de:** Control of sodium reabsorption.
Brit Med J 3:676-83, 20 Sep 69 (134 ref.)
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ BLOOD VOLUME/ DIABETES INSIPIDUS, metabolism/ DIURETICS, pharmacodynamics/ DOGS/ EDEMA, metabolism/ GLOMERULAR FILTRATION RATE/ HORMONES, analysis/ HUMAN/ HYPERALDOSTERONISM, metabolism/ INFUSIONS, PARENTERAL/ KIDNEY FAILURE, CHRONIC, metabolism/ KIDNEY FUNCTION TESTS/ *KIDNEY TUBULES, metabolism/ RATS/ RENAL ARTERY OBSTRUCTION, metabolism/ REVIEW/ SKIN/ *SODIUM, metabolism/ SODIUM, urine/ SODIUM CHLORIDE, pharmacodynamics

4351. **Wardi AH, Allen WS, Michos GA, et al:** Isolation of unknown sugar acid from vitreous humor hyaluronic acid. Biochim Biophys Acta 184:474-6, 30 Jul 69
ACIDS, analysis/ ACIDS, isolation & purification/ CARBOHYDRATES, analysis/ *CARBOHYDRATES, isolation & purification/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ GEL FILTRATION/ GLUCURONATES, analysis/ *HYALURONIC ACID, analysis/ HYALURONIDASE/ POLAROGRAPHY/ SPECTROPHOTOMETRY/ TESTIS, enzymology/ *VITREOUS BODY, analysis

4352. **Wark L, Malcolm LA:** Growth and development of the Lumi child in the Sepik district of New Guinea.
Med J Aust 2:129-36, 19 Jul 69
ADOLESCENCE/ AGE FACTORS/ BIRTH WEIGHT/ BODY HEIGHT/ BODY WEIGHT/ CHILD/ CHILD, PRESCHOOL/ DEFICIENCY DISEASES/ DIETARY PROTEINS/ ETHNIC GROUPS/ FEMALE/ *GROWTH/ HUMAN/ INFANT/ INFANT, NEWBORN/ MALE/ MENSTRUATION/ NEGROID RACE/ NEW GUINEA/ PUBERTY/ SEX CHARACTERISTICS/ TIME FACTORS

4353. **Warm R, Weissbach R:** Transbuccal administration of oxytocin and induction of labor.
Amer J Obstet Gynec 104:1174-6, 15 Aug 69
CHEEK/ FEMALE/ HUMAN/ INJECTIONS, INTRAVENOUS/ *LABOR, INDUCED/ METHODS/ *OXYTOCIN, administration & dosage/ PREGNANCY

4354. **Warren RL, Jelliffe AM, Watson JV, et al:** Prolonged observations on variations in the serum copper in Hodgkin's disease. Clin Radiol 20:247-56, Jul 69
ADOLESCENCE/ ADULT/ AGED/ CERULOPLASMIN, analysis/ CHILD/ CHRONIC DISEASE/ CONTRACEPTIVES, ORAL/ *COPPER, blood/ ESTROGENS, therapeutic use/ FEMALE/ *HODGKIN'S DISEASE, blood/ HODGKIN'S DISEASE, diagnosis/ HUMAN/ INFLAMMATION, blood/ MALE/ MIDDLE AGE/ PROGNOSIS/ SPECTROPHOTOMETRY

4355. **Wartenberg H, Baumgarten HG:** Untersuchungen zur fluorescenz- und elektronenmikroskopischen Darstellung von 5-Hydroxytryptamin (5-HT) im Pineal-Organ von Lacerta viridis und L. muralis.
Z Anat Entwicklungsgesch 128:185-210, 1969 (Ger)
ANIMAL EXPERIMENTS/ CYTOPLASMIC GRANULES/ ENGLISH ABSTRACT/ HISTOCYTOCHEMISTRY/ *LIZARDS, metabolism/ MICROSCOPY, ELECTRON/ MICROSCOPY, FLUORESCENCE/ NIALAMIDE, pharmacodynamics/ PINEAL BODY, cytology/ PINEAL BODY, drug effects/ *PINEAL BODY, metabolism/ RESERPINE, pharmacodynamics/ SEROTONIN, analysis/ *SEROTONIN, metabolism

4356. **Warthin TA:** Some epidemiological observations on the etiology of regional enteritis.
Trans Amer Clin Climat Ass 80:116-24, 1969
ADOLESCENCE/ ADULT/ AGE FACTORS/ AGED/ BUTTER/ CHILD/ CHILD, PRESCHOOL/ DIET THERAPY/ *ENTERITIS, REGIONAL, etiology/ ENTERITIS, REGIONAL, pathology/ *ENTERITIS, REGIONAL, therapy/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ MALE/ MIDDLE AGE/ MILITARY MEDICINE/ MILK/ SALICYLAZOSULFAPYRIDINE, administration & dosage

4357. **Wasa J, Klopow L:** Uber einen Fall von diffuser Ochronose.
Beitr Orthop Trauma 15:482-4, Aug 68 (Ger)
ADULT/ *ALKAPTONURIA, etiology/ ASCORBIC ACID, therapeutic use/ BONE AND BONES, radiography/ CASE REPORT/ FEMALE/ HUMAN/ METHYLTHIOURACIL, therapeutic use/ *OCHRONOSIS, diagnosis/ OCHRONOSIS, drug therapy/ OCHRONOSIS, etiology/ PHYSICAL THERAPY

4358. **Wasserman J, Packalén T, Perimann P, et al:** Cytotoxic lymphoid cells and antibodies from guinea pigs immunized with tubercle bacilli.
Int Arch Allerg 36:115-6, 1969
ALUMINUM/ ANIMAL EXPERIMENTS/ *ANTIBODIES/ *BCG VACCINATION/ BURKITT'S LYMPHOMA, immunology/ CHICKENS/ CHROMIUM ISOTOPES/ ERYTHROCYTES, immunology/ FREUND'S ADJUVANT/ GUINEA PIGS/ *HEMOLYSIS/ HUMAN/ IMMUNE SERUMS/ KIDNEY, immunology/ *LYMPHOCYTES, immunology/

*MYCOBACTERIUM TUBERCULOSIS, immunology/ RABBITS/ SPLEEN, immunology/ THYMUS GLAND, immunology/ THYROGLOBULIN/ *TUBERCULIN

4359. **Wassermann M, Wassermann D, Gershon A, et al:** Effects of organochlorine insecti-c cides on body defense systems. Ann NY Acad Sci 160:393-401, 1969
ADRENAL GLANDS, analysis/ *ADRENAL GLANDS, drug effects/ ANIMAL EXPERIMENTS/ *ANTIBODY FORMATION, drug effects/ BLOOD PROTEINS, analysis/ *DDT, pharmacodynamics/ LAPAROTOMY/ LIVER, analysis/ MALE/ ORGAN WEIGHT/ OVALBUMIN, metabolism/ RATS/ SPLEEN, analysis

4360. **Watanabe H:** [A clinical study of primary aldosteronism with surgical aspects. I]
Jap J Urol 60:541-54, Jun 69 (Jap)
ADRENAL GLAND NEOPLASMS, complications/ *ADRENAL GLAND NEOPLASMS, surgery/ ADULT/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYPERALDOSTERONISM, etiology/ HYPERALDOSTERONISM, radiography/ *HYPERALDOSTERONISM, surgery/ MALE/ METHODS/ MIDDLE AGE

4361. **Watanabe Y, Shibata S, Kobayashi B:** Serotonin-induced swelling of rat liver mitochondria.
Endocr Jap 16:133-47, Feb 69
AMOBARBITAL/ ANIMAL EXPERIMENTS/ ANTIMYCIN A/ CALCIUM/ CREATINE/ CYANIDES/ DINITROPHENOLS/ ELECTRON TRANSPORT/ FLUOROMETRY/ IN VITRO/ MAGNESIUM/ *MITOCHONDRIA, LIVER, drug effects/ MONOAMINE OXIDASE INHIBITORS/ NAD/ OXIDATION-REDUCTION/ POTASSIUM/ RATS/ ROTENONE/ *SEROTONIN, pharmacodynamics/ SERUM ALBUMIN/ SUCCINATES/ SULFATES/ TIME FACTORS/ ULTRAVIOLET RAYS

4362. **Watanuki S, Ito K, Nishikawa Y, et al:** [Clinical experience with Furazabol in mammary tumors, with special emphasis on mastopathy]
Surg Ther (Osaka) 20:470-4, Apr 69 (Jap)
ADENOFIBROMA, drug therapy/ ADOLESCENCE/ ADULT/ *ANDROSTANES, therapeutic use/ *BREAST DISEASES, drug therapy/ BREAST NEOPLASMS, drug therapy/ CHILD/ FEMALE/ GYNECOMASTIA, drug therapy/ HUMAN/ MALE/ MIDDLE AGE

4363. **Watermann R:** Histologisches und Experimentelles vom Interventrikularorgan des Menschen und Einiger Säugetiere. J Neurovisc Relat 31:195-221, 1969 (Ger)
ANATOMY, COMPARATIVE/ ANIMAL EXPERIMENTS/ BRAIN MAPPING/ CATS/ *CEREBRAL VENTRICLES, anatomy & histology/ CEREBRAL VENTRICLES, physiology/ ENGLISH ABSTRACT/ GUINEA PIGS/ HAMSTERS/ HISTOLOGICAL TECHNICS/ HUMAN/ MICE/ MONKEYS/ MYELIN SHEATH/ *NEURONS, cytology/ PHYSIOLOGY, COMPARATIVE/ PUBERTY/ RABBITS/ RATS/ SPECIES SPECIFICITY

4364. **Watnick AS, Neri RO:** Biological properties of three ovulation inducers, stilboestrol, clomiphene and F 6066. Acta Endocr (Kobenhavn) 59:611-21, Dec 68
ANIMAL EXPERIMENTS/ *CLOMIPHENE, pharmacodynamics/ CONTRACEPTIVES, ORAL, pharmacodynamics/ CYCLOHEXANE, pharmacodynamics/ *DIETHYLSTILBESTROL, pharmacodynamics/ *ESTROGENS, pharmacodynamics/ ESTRUS/ FEMALE/ ORGAN WEIGHT/ *OVULATION, drug effects/ PREGNANCY/ PROGESTERONE, antagonists & inhibitors/ PSEUDOPREGNANCY/ RATS/ SEX BEHAVIOR, ANIMAL, drug effects/ UTERUS, drug effects

4365. **Watson JT:** A simplified determination of urinary testosterone utilizing column and gas-liquid chromatography. J Chromatogr 43:339-49, 9 Sep 69
ADOLESCENCE/ ADULT/ CHROMATOGRAPHY/ CHROMATOGRAPHY, GAS/ FEMALE/ HIRSUTISM, urine/ HUMAN/ HYPOGONADISM, urine/ MALE/ MIDDLE AGE/ *TESTOSTERONE, urine/ TRITIUM

4366. **Watson PS:** 'Instant' inhibition of lactation.
Practitioner 203:184-6, Aug 69
CLINICAL RESEARCH/ DIETHYLSTILBESTROL, pharmacodynamics/ ETHYNODIOL DIACETATE, administration & dosage/ *ETHYNODIOL DIACETATE, pharmacodynamics/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ *LACTATION, drug effects

4367. **Wawryk R, Samochowiec E, Dudkiewicz J, et al:** Badania nad wydalaniem gonadotropiny kosmówkowej w pronieniu zagrażającym.
Ginek Pol 40:643-8, Jun 69 (Pol)
*ABORTION, THREATENED, urine/ ENGLISH ABSTRACT/ FEMALE/ *GONADOTROPINS, CHORIONIC, urine/ HUMAN/ PREGNANCY

4368. **Wawryk R, Samochowiec E, Krupa B, et al:** Wpływ sistometriiu na wydalanie hormonu luteinizującego w moczu u kobiet z zaburzeniami cyklu miesiączkowego.
Ginek Pol 40:903-10, Aug 69 (Pol)
ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *LH, urine/ *LYNESTRENOL, pharmacodynamics/ *MENSTRUATION DISORDERS, urine/ *MESTRANOL, pharmacodynamics

4369. **Wawrzyńska-Pągowska J:** Niebezpieczeństwa wynikające ze stosowania niektórych leków przeciwreumatycznych.
Pol Tyg Lek 24:809-12, 26 May 69 (23 ref.) (Pol)
ADRENAL CORTEX HORMONES, adverse effects/ *ANTI-INFLAMMATORY AGENTS, adverse effects/ *ANTIMALARIALS, adverse effects/ CORTICOTROPIN, adverse effects/ GOLD, adverse effects/ HUMAN/ INDOMETHACIN, adverse effects/ *PYRAZOLES, adverse effects/ REVIEW/ *RHEUMATISM, drug therapy/ SALICYLATES, adverse effects

4370. **Way S:** Treatment of ovarian carcinoma. Surgical aspects. Proc Roy Soc Med 62:357-8, Apr 69
CARCINOMA, surgery/ FEMALE/ HUMAN/ HYSTERECTOMY/ NEOPLASM METASTASIS/ OVARIAN NEOPLASMS, diagnosis/ OVARIAN NEOPLASMS, drug therapy/ OVARIAN NEOPLASMS, radiotherapy/ *OVARIAN NEOPLASMS, surgery

4371. **Weakley BS:** Differentiation of the surface epithelium of the hamster ovary. An electron microscopic study.
J Anat 105:129-47, Jul 69
AGE FACTORS/ ANIMAL EXPERIMENTS/ ANIMALS, NEWBORN/ BIOLOGICAL TRANSPORT/ *CELL DIFFERENTIATION/ CELL NUCLEUS/ CYTOPLASM/ EPITHELIUM, cytology/ FEMALE/ HAMSTERS/ MICROSCOPY, ELECTRON/ *OVARY, cytology/ PINOCYTOSIS/ RIBOSOMES

4372. **Webb HE:** The investigation of an arbovirus encephalitis. Postgrad Med J 45:371-81, Jun 69
ARBOVIRUS, growth & development/ *ARBOVIRUS INFECTIONS, diagnosis/ COMMUNICABLE DISEASE CONTROL/ CORTISONE, therapeutic use/ DISEASE VECTORS/ ENCEPHALITIS, diagnosis/ *ENCEPHALITIS, microbiology/ HUMAN

4373. **Weber C:** Ueber den Synacthen-Kurztest.
Praxis 58:861-7, 8 Jul 69 (Ger)
ADRENAL CORTEX HORMONES, blood/ ADRENAL GLAND HYPOFUNCTION, diagnosis/ *CORTICOTROPIN, diagnostic use/ HUMAN/ METHODS/ *PITUITARY-ADRENAL FUNCTION TESTS

4374. **Weber H:** Ein Elektrogustometer und seine Anwendung. Z Med Labortechn 9:296-302, 1968 (Ger)
ADRENAL GLAND HYPOFUNCTION, diagnosis/ ELECTRODIAGNOSIS/ *ELECTROPHYSIOLOGY, instrumentation/

ENGLISH ABSTRACT/ HUMAN/ *TASTE/ *TONGUE, physiology

4375. **Weber LJ:** Gastrointestinal 5-hydroxytryptamine depletion by p-chlorophenylalanine.
Proc West Pharmacol Soc 12:128-9, 1969
CHLORINE, pharmacodynamics/ FLUOROMETRY/ GASTROINTESTINAL SYSTEM, analysis/ *GASTROINTESTINAL SYSTEM, metabolism/ *PHENYLALANINE, pharmacodynamics/ SEROTONIN, analysis/ *SEROTONIN, metabolism

4376. **Weil-Fugazza J, Godefroy F, Bernard J:** Etude comparée des teneurs en 5-hydroxytruptamine du cerveau et de l'épiphyse du rat au cours du sommeil induit par l'hydrat de chloral.
J Physiol (Paris) 60:Suppl 2:569+, 1968 (Fre)
ANIMAL EXPERIMENTS/ *BRAIN, metabolism/ *CHLORAL HYDRATE, pharmacodynamics/ CIRCADIAN RHYTHM/ MALE/ PINEAL BODY, drug effects/ *PINEAL BODY, metabolism/ RATS/ *SEROTONIN, metabolism/ *SLEEP

4377. **Weiner R, Kaley G:** Influence of prostaglandin E1 on the terminal vascular bed.
Amer J Physiol 217:563-6, Aug 69
ANGIOTENSIN, pharmacodynamics/ ANIMAL EXPERIMENTS/ APPENDIX, blood supply/ CAPILLARIES, drug effects/ EPINEPHRINE, pharmacodynamics/ FEMALE/ NOREPINEPHRINE, pharmacodynamics/ *PROSTAGLANDINS, pharmacodynamics/ RATS/ *REGIONAL BLOOD FLOW, drug effects/ SEROTONIN, pharmacodynamics/ *VASCULAR RESISTANCE, drug effects/ VASOMOTOR SYSTEM, drug effects/ VASOPRESSIN, pharmacodynamics

4378. **Weinhaus RS:** The management of obesity: some recent concepts.
Missouri Med 66:719-23 passim, Sep 69 (23 ref.)
ADAPTATION, PSYCHOLOGICAL/ ADIPOSE TISSUE, enzymology/ APPETITE DEPRESSANTS, therapeutic use/ ATTITUDE/ CHLORPHENTERMINE, therapeutic use/ DEFENSE MECHANISMS/ DIET, REDUCING/ DIET THERAPY/ DIETHYLPROPION, therapeutic use/ EXERCISE THERAPY/ HUMAN/ METFORMIN, therapeutic use/ NERVOUS SYSTEM, drug effects/ OBESITY, drug therapy/ *OBESITY, therapy/ PHENFORMIN, therapeutic use/ REVIEW/ THYROID HORMONES, administration & dosage/ THYROXINE, administration & dosage/ TRIIODOTHYRONINE, administration & dosage

4379. **Weinreich J:** Die portale Hypertension der chronischen Lebererkrankungen und ihre Therapie.
Med Mschr 23:56-60, Feb 69 (Ger)
ASCITES, drug therapy/ CHRONIC DISEASE/ ESOPHAGEAL VARICES, therapy/ HUMAN/ *HYPERTENSION, PORTAL, drug therapy/ HYPERTENSION, PORTAL, surgery/ LIVER CIRRHOSIS, complications/ *LIVER CIRRHOSIS, complications/ MANNITOL, therapeutic use/ PORTACAVAL ANASTOMOSIS/ SPIRONOLACTONE, therapeutic use/ SPLENIC NEOPLASMS, complications/ THROMBIN, therapeutic use

4380. **Weir DM:** Altered antigens and autoimmunity.
Vox Sang 16:304-13, Apr 69
ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ ANTIGENS/ *AUTOANTIBODIES/ CORYNEBACTERIUM/ ENDOTOXINS/ HUMAN/ HYPERSENSITIVITY, DELAYED/ *IMMUNE TOLERANCE/ RABBITS/ SERUM ALBUMIN/ SERUM ALBUMIN, BOVINE/ THYROGLOBULIN

4381. **Weiss GB, Goodman FR:** Effects of lanthanum on contraction, calcium distribution and Ca45 movements in intestinal smooth muscle.
J Pharmacol Exp Ther 169:46-55, Sep 69
ACETYLCHOLINE, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ CALCIUM, analysis/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ EDTA, pharmacodynamics/ GUINEA PIGS/ ILEUM, analysis/ ILEUM, drug effects/ IN VITRO/ *LANTHANUM, pharmacodynamics/ *MUSCLE CONTRACTION, drug effects/ *MUSCLE, SMOOTH, drug effects/ POTASSIUM, antagonists & inhibitors/ TIME FACTORS

4382. **Weitkamp LR, Janzen MK, Guttormsen SA, et al:** Inherited pericentric inversion of chromosome number two: a linkage study.
Ann Hum Genet 33:53-9, Jul 69
ACID PHOSPHATASE, blood/ ADOLESCENCE/ ADRENOGENITAL SYNDROME, familial & genetic/ ADULT/ *AUTOSOME ABNORMALITIES, familial & genetic/ CHILD/ CHILD, PRESCHOOL/ CHROMOSOME MAPPING/ *CHROMOSOMES, HUMAN, 1-3/ ERYTHROCYTES, enzymology/ FEMALE/ *GENES/ HUMAN/ INFANT/ INFANT, NEWBORN/ KARYOTYPING/ MALE/ MIDDLE AGE/ PEDIGREE/ RECOMBINATION, GENETIC

4383. **Welch AS, Welch BL:** Solvent extraction method for simultaneous determination of norepinephrine, dopamine, serotonin, and 5-hydroxyindoleacetic acid in a single mouse brain.
Anal Biochem 30:161-79, Aug 69
ANIMAL EXPERIMENTS/ *BRAIN CHEMISTRY/ *DOPAMINE, analysis/ ETHERS/ FLUOROMETRY/ HYDROCARBONS/ HYDROGEN-ION CONCENTRATION/ *HYDROXYINDOLEACETIC ACID, analysis/ INDICATORS AND REAGENTS/ METHODS/ MICE/ *NOREPINEPHRINE, analysis/ *SEROTONIN, analysis/ SOLVENTS/ TEMPERATURE/ TIME FACTORS

4384. **Wellby ML, O'Halloran MW:** The iodotyrosine content of normal human serum. Biochem J 112:543-4, May 69
CHROMATOGRAPHY, ION EXCHANGE/ *DIIODOTYROSINE, blood/ HUMAN/ *HYPERTHYROIDISM, blood/ IODINE ISOTOPES/ IODOTYROSINE, blood/ METHODS/ RADIOISOTOPE DILUTION TECHNIC/ *THYROID HORMONES, blood/ *TYROSINE, blood

4385. **Weller HH, Van der Straeten M, Vermeulen A, et al:** Hormonal pattern in bronchial asthma (reversible obstructive lung disease). 1. Role of adrenal steroids.
Scand J Resp Dis 49:163-84, 1968
ADOLESCENCE/ *ADRENAL GLANDS, physiopathology/ ADULT/ AGE FACTORS/ *ASTHMA, physiopathology/ BODY TEMPERATURE, drug effects/ CIRCADIAN RHYTHM/ COMPARATIVE STUDY/ *CORTICOSTERONE, blood/ CORTICOTROPIN, pharmacodynamics/ GLUCOCORTICOIDS, metabolism/ HUMAN/ *HYDROCORTISONE, blood/ *17-HYDROXYCORTICOSTEROIDS, urine/ INFUSIONS, PARENTERAL/ *17-KETOSTEROIDS, urine/ MALE/ MIDDLE AGE/ PYROGENS, pharmacodynamics/ REST/ TIME FACTORS

4386. **Wells GC, Ballard RM:** Management of pemphigus vulgaris during pregnancy.
Proc Roy Soc Med 62:666-7, 7 Jul 69
ADULT/ ESTRIOL, urine/ FEMALE/ HUMAN/ MATERNAL-FETAL EXCHANGE/ *PEMPHIGUS, drug therapy/ *PREDNISONE, therapeutic use/ PREGNANCY/ *PREGNANCY COMPLICATIONS, drug therapy/ PREGNANEDIOL, urine

4387. **Welsch CW, Clemens JA, Meites J:** Effects of hypothalamic and amygdaloid lesions on development and growth of carcinogen-induced mammary tumors in the female rat. Cancer Res 29:1541-9, Aug 69
ADENOCARCINOMA, chemically induced/ *ADENOCARCINOMA, pathology/ ADRENAL GLANDS/ AMYGDALOID BODY/ ANIMAL EXPERIMENTS/ BENZANTHRACENES/ BODY WEIGHT/ *BRAIN INJURY, ACUTE/ CASTRATION/ ELECTRODES/ FEMALE/ HYPOTHALAMUS/ MAMMARY NEOPLASMS, EXPERIMENTAL, chemically induced/ *MAMMARY NEOPLASMS, EXPERIMENTAL,

pathology/ ORGAN WEIGHT/ OVARY/ PITUITARY GLAND/ PROLACTIN/ RATS/ THYROID GLAND/ UTERUS

4388. **Welsch U, Flitney E, Pearse AG:** Comparative studies on the ultrastructure of the thyroid parafollicular C-cells. J Micr 89:83-94, 1969
ANIMAL EXPERIMENTS/ CILIA/ COMPARATIVE STUDY/ CYTOPLASM/ GOLGI APPARATUS/ GUINEA PIGS/ HISTOLOGICAL TECHNICS/ MICE/ MICROSCOPY, ELECTRON/ MITOCHONDRIA/ PRIMATES/ *THYROID GLAND, cytology

4389. **Wenner GD, Giesen W:** Uber den Wert der Behandlung des habituellen Abortes.
Med Welt 25:1524-7, 22 Jun 68 (Ger)
*ABORTION, HABITUAL, drug therapy/ ADULT/ *ESTROGENS, therapeutic use/ FEMALE/ HUMAN/ PREGNANCY/ *PROGESTERONE, therapeutic use

4390. **Wenzel M, Langold M, Hallac P:** Specific transfer of hydrogen from estradiol to progesterone as a regulating principle for progesterone metabolism in the liver of the female rat.
J Biol Chem 244:4523-5, 10 Sep 69
ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ CASTRATION/ CHROMATOGRAPHY, THIN LAYER/ *ESTRADIOL, metabolism/ FEMALE/ GELS/ IN VITRO/ *LIVER, metabolism/ METHODS/ OVARY, metabolism/ OVARY, physiology/ OXIDATION-REDUCTION/ PREGNANCY/ *PREGNANES, biosynthesis/ PREGNANES, isolation & purification/ *PROGESTERONE, metabolism/ RATS/ SILICA/ TRITIUM

4391. **Wenzel M, Pollow-Hanisch B, Pollow K:** Anderung der Sexualspezifität bei der Androstendionreduktion durch Ostradiol-17beta-Wasserstoff in Rattenleber nach Feminisierung durch Cyproteronacetat.
Hoppe Seyler Z Physiol Chem 350:791-2, Jun 69 (Ger)
*ANDROGENS, antagonists & inhibitors/ ANDROSTANES, isolation & purification/ *ANDROSTANES, metabolism/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, THIN LAYER/ *ESTRADIOL, metabolism/ FEMALE/ FEMINIZATION, chemically induced/ *HYDROGEN, metabolism/ *17-KETOSTEROIDS, metabolism/ *LIVER, metabolism/ MALE/ *PREGNANES/ *SEX CHARACTERISTICS, drug effects/ STEROLS, biosynthesis/ STEROLS, isolation & purification/ TRITIUM

4392. **Wenzl JE:** Renal tubular disorders in children.
Postgrad Med 46:155-60, Aug 69
*ACIDOSIS, RENAL TUBULAR/ AGE FACTORS/ CHILD, PRESCHOOL/ *CYSTINURIA/ *DIABETES INSIPIDUS/ *FANCONI SYNDROME/ *GLYCOSURIA/ HUMAN

4393. **Wering RF van:** De bewaking van het kind in de uterus.
Nederl T Geneesk 113:1370-6, 2 Aug 69 (Dut)
ABNORMALITIES, metabolism/ ADULT/ ESTRADIOL, metabolism/ ESTRIOL, metabolism/ *ESTROGENS, metabolism/ ESTRONE, metabolism/ FEMALE/ FETUS, metabolism/ HUMAN/ INFANT, NEWBORN/ MATERNAL-FETAL EXCHANGE/ PREGNANCY/ PREGNANCY COMPLICATIONS, metabolism/ *PRENATAL CARE

4394. **Wermeskerken RK van:** The action of parathyroid extract on the metabolism of ribonucleic acids in cultivated bone tissue. Isolation and characterization of RNA from calvaria of 20-day-old rat embryos.
Proc Kon Nederl Akad Wet [Biol Med] 72:336-53, 1969
ANIMAL EXPERIMENTS/ BONE AND BONES, drug effects/ CENTRIFUGATION, DENSITY GRADIENT/ EMBRYO/ METHODS/ *PARATHYROID GLANDS/ RATS/ *RNA, isolation & purification/ RNA, metabolism/ SKULL/ SPECTRUM ANALYSIS/ TISSUE CULTURE/ *TISSUE EXTRACTS, pharmacodynamics/ TRITIUM/ URIDINE, metabolism

4395. **Werthamer S, Hicks C, Amaral L:** Protein synthesis in human leukocytes and lymphocytes: 1. Effect of steroids and sterols. Blood 34:348-56, Sep 69
*BLOOD PROTEINS, biosynthesis/ CARBON ISOTOPES/ HUMAN/ IN VITRO/ LEUCINE, metabolism/ *LEUKOCYTES, metabolism/ *STEROIDS, pharmacodynamics/ *STEROLS, pharmacodynamics/ TISSUE CULTURE

4396. **West GB:** Kinins and resistance to thermic oedema.
Int Arch Allerg 36:1-2, 1969
ANAPHYLAXIS, immunology/ ANIMAL EXPERIMENTS/ BRADYKININ, antagonists & inhibitors/ *BRADYKININ, metabolism/ DEXTRAN/ *EDEMA, immunology/ HEAT/ PLETHYSMOGRAPHY/ RATS/ SEROTONIN, metabolism

4397. **Westoff CF, Bumpass L, Ryder NB:** Oral contraception, coital frequency, and the time required to conceive.
Soc Biol 16:1-10, Mar 69
ADULT/ *COITUS/ *CONTRACEPTIVES, ORAL/ FEMALE/ *FERTILITY/ HUMAN/ PREGNANCY/ TIME FACTORS

4398. **Wexler BC, Saroff J:** Divergent responses of arteriosclerotic and non-arteriosclerotic rats to a catabolic dose of cortisone.
Acta Endocr (Kobenhavn) 61:509-24, Jul 69
ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, pathology/ ANIMAL EXPERIMENTS/ AORTA, pathology/ ARTERIOSCLEROSIS, drug therapy/ *ARTERIOSCLEROSIS, etiology/ ARTERIOSCLEROSIS, pathology/ BLOOD PRESSURE/ BODY WEIGHT/ CORTICOSTERONE, blood/ *CORTISONE, pharmacodynamics/ FEMALE/ HEART, drug effects/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiopathology/ KIDNEY, drug effects/ KIDNEY, pathology/ LIVER, drug effects/ LIVER, pathology/ MALE/ PITUITARY-ADRENAL SYSTEM/ PITUITARY GLAND, drug effects/ PITUITARY GLAND, pathology/ RATS/ THYMUS GLAND, drug effects/ THYMUS GLAND, pathology

4399. **Weymouth RJ, Seibel HR:** An electron microscopic study of the parathyroid glands in man: evidence of secretory material.
Acta Endocr (Kobenhavn) 61:334-42, Jun 69
*ADENOMA, pathology/ ADULT/ AGED/ FEMALE/ HUMAN/ HYPERPLASIA/ MALE/ MICROSCOPY, ELECTRON/ MIDDLE AGE/ MITOCHONDRIA, secretion/ *PARATHYROID DISEASES, pathology/ *PARATHYROID GLANDS, cytology/ PARATHYROID GLANDS, metabolism/ PARATHYROID GLANDS, pathology/ *PARATHYROID NEOPLASMS, pathology

4400. **Whalen RE, Luttge WG:** Contraceptive properties of the anti-androgen cyproterone acetate.
Nature (London) 223:833-4, 9 Aug 69
*ANDROGENS, antagonists & inhibitors/ ANIMAL EXPERIMENTS/ *CONTRACEPTIVE AGENTS, pharmacodynamics/ FEMALE/ *FERTILITY, drug effects/ INJECTIONS, SUBCUTANEOUS/ MALE/ RATS/ *STEROIDS, chem synthesis

4401. **Whitaker AN:** Infection and the spleen: association between hyposplenism, pneumococcal sepsis and disseminated intravascular coagulation.
Med J Aust 1:1213-9, 14 Jun 69 (49 ref.)
ADOLESCENCE/ ADRENAL GLANDS, blood supply/ ADULT/ AGED/ *BLOOD COAGULATION DISORDERS, etiology/ CHILD/ FEMALE/ FIBRIN/ HEMORRHAGIC DIATHESIS, etiology/ HEPARIN, therapeutic use/ HUMAN/ KIDNEY, blood supply/ MALE/ MENINGITIS, complications/ MIDDLE AGE/ *PNEUMOCOCCAL INFECTIONS, complications/ REVIEW/ *SEPTICEMIA, complications/ SPLENECTOMY/ *SPLENIC DISEASES, complications/ SPLENIC DISEASES, pathology/ THROMBOSIS, etiology/ *WATERHOUSE-FRIDERICHSEN SYNDROME, etiology

4402. **White DJ, Farebrother DA:** A case of intersex in a

horse. Vet Rec 85:203-4, 16 Aug 69
*HORSE DISEASES/ MALE/ SEX DIFFERENTIATION DISORDERS, pathology/ *SEX DIFFERENTIATION DISORDERS, veterinary

4403. **Whiteside JH, Brame RG:** Uterine contractility during altered vascular pressure in the castrated monkey.
Amer J Obstet Gynec 105:418-26, 1 Oct 69
ANIMAL EXPERIMENTS/ *BLOOD PRESSURE/ *CASTRATION/ EPINEPHRINE, pharmacodynamics/ FEMALE/ ISOPROTERENOL, pharmacodynamics/ MENSTRUATION/ MONKEYS/ MUSCLE CONTRACTION/ NOREPINEPHRINE, pharmacodynamics/ UTERUS, drug effects/ *UTERUS, physiology

4404. **Whitfield JF, Rixon RH, Youdale T:** The calcium-dependent stimulation of mitotic activity in normal and irradiated rat thymocyte populations by somatotrophic hormone.
Int J Radiat Biol 15:385-8, 1969
ANIMAL EXPERIMENTS/ *CALCIUM, pharmacodynamics/ LYMPHOCYTES, drug effects/ LYMPHOCYTES, radiation effects/ MALE/ *MITOSIS, drug effects/ *MITOSIS, radiation effects/ *RADIATION EFFECTS/ RATS/ *SOMATOTROPIN, pharmacodynamics/ STIMULATION, CHEMICAL/ THYMUS GLAND, drug effects/ THYMUS GLAND, radiation effects

4405. **Whur P, Herscovics A, Leblond CP:** Radioautographic visualization of the incorporation of [3H] mannose and [3H] galactose into thyroglobulin by follicular cells of rat thyroids in vitro. J Anat 104:582, May 69
ANIMAL EXPERIMENTS/ *GALACTOSE, metabolism/ IN VITRO/ *MANNOSE, metabolism/ RADIOAUTOGRAPHY/ RATS/ *THYROGLOBULIN, biosynthesis/ *THYROID GLAND, metabolism/ TRITIUM

4406. **Whybrow PC:** Iatrogenic hypothyroid psychosis.
Brit Med J 3:474-5, 23 Aug 69
CARBIMAZOLE, adverse effects/ FEMALE/ HUMAN/ *IMIDAZOLES, adverse effects/ *PSYCHOSES, TOXIC, etiology/ *THYROID ANTAGONISTS, adverse effects

4407. **Wicks WD:** Induction of hepatic enzymes by adenosine 3',5'-monophosphate in organ culture.
J Biol Chem 244:3941-50, 25 Jul 69
*ADENINE NUCLEOTIDES, pharmacodynamics/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, pharmacodynamics/ ANIMAL EXPERIMENTS/ CARBOXY-LYASES, metabolism/ CYCLOHEXIMIDE, pharmacodynamics/ DACTINOMYCIN, pharmacodynamics/ DRUG ANTAGONISM/ DRUG SYNERGISM/ *ENZYME INDUCTION/ FLUORIDES, pharmacodynamics/ GLUCAGON, pharmacodynamics/ GLUCOSEPHOSPHATASE, metabolism/ HYDROCORTISONE, pharmacodynamics/ IMMUNOCHEMISTRY/ IN VITRO/ INSULIN, pharmacodynamics/ ISOPROTERENOL, pharmacodynamics/ LIVER, drug effects/ LIVER, embryology/ *LIVER, metabolism/ PYRUVATES/ RATS/ TISSUE CULTURE/ *TYROSINE AMINOTRANSFERASE, biosynthesis

4408. **Widdowson EM:** Nutrition research in Britain.
J Amer Diet Ass 55:233-8, Sep 69
ADULT/ ANIMAL EXPERIMENTS/ ANIMAL NUTRITION/ CHILD/ GREAT BRITAIN/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ INDUSTRIAL MEDICINE, history/ INFANT/ KWASHIORKOR/ *NUTRITION/ NUTRITION, education/ NUTRITION, history/ *RESEARCH/ RICKETS, history/ VITAMINS/ WAR

4409. **Wide L, Johannisson E, Tillinger KG, et al:** Metabolic clearance of human chorionic gonadotrophin administered to non pregnant women.
Acta Endocr (Kobenhavn) 59:579-94, Dec 68
ADULT/ AMENORRHEA, drug therapy/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ FEMALE/ GONADOTROPINS, therapeutic use/ GONADOTROPINS, CHORIONIC, blood/ *GONADOTROPINS, CHORIONIC, metabolism/ GONADOTROPINS, CHORIONIC, therapeutic use/ GONADOTROPINS, CHORIONIC, urine/ HUMAN/ MALE/ METABOLIC CLEARANCE RATE/ RADIOIMMUNOASSAY/ RATS

4410. **Wieland P, Anner G:** Umwandlung von 3-Oxo-17-äthylendioxy-19-mesyloxy-delta-1,4-androstadien in dreifach ungesättigte A-homo-19-norsteroide.
Helv Chim Acta 52:121-7, 31 Jan 69 (Ger)
*ANDROSTANES/ ENGLISH ABSTRACT/ *HOMOSTEROIDS, chem synthesis/ *NORSTEROIDS, chem synthesis

4411. **Wierzchowiecki M, Witoszyński S:** Effetto della terapia steroidea sul decorso del lupus erythematosus sistemico. Clin Ter 45:3-13, 15 Apr 68 (Fre)
ADOLESCENCE/ ADULT/ AGED/ FEMALE/ HUMAN/ *LUPUS ERYTHEMATOSUS, SYSTEMIC, drug therapy/ LUPUS ERYTHEMATOSUS, SYSTEMIC, immunology/ LUPUS ERYTHEMATOSUS, SYSTEMIC, radiography/ MALE/ MIDDLE AGE/ PREDNISONE, administration & dosage/ *PREDNISONE, therapeutic use

4412. **Wijnbladh H:** Thyreoideasjukdomar.
Svensk Tandlak T 62:27-32 contd, Jan 69 (Swe)
ADULT/ CHILD/ FEMALE/ *GOITER/ GOITER, drug therapy/ GOITER, etiology/ GOITER, occurrence/ HUMAN/ IODINE, therapeutic use/ MALE/ PREGNANCY/ PREGNANCY COMPLICATIONS/ *THYROID DISEASES/ TOOTH, DECIDUOUS, physiopathology

4413. **Wijngaarden GK van, Fleury P, Bethlem J, et al:** Familial "myotubular" myopathy.
Neurology (Minneap) 19:901-8, Sep 69
ADULT/ BIOPSY/ CHILD, PRESCHOOL/ CREATINE KINASE, blood/ ELECTROMYOGRAPHY/ FACIAL MUSCLES, pathology/ FEMALE/ GENES, RECESSIVE/ HUMAN/ INFANT/ MALE/ MIDDLE AGE/ MUSCLES, pathology/ MUSCLES, surgery/ MUSCULAR DISEASES, enzymology/ MUSCULAR DISEASES, etiology/ *MUSCULAR DISEASES, familial & genetic/ MUSCULAR DISEASES, pathology/ MYOFIBRILS/ NECK/ OCULOMOTOR MUSCLES, pathology/ PEDIGREE/ REFLEX/ SEX CHROMOSOMES

4414. **Wilhelm A, Sajonski H:** Zur Histomorphologie der Adenohypophyse des Sumpfbibers (Myocastor coypus
Z Mikr Anat Forsch 79:557-72, 1968 (mo ref.) (Ger)
AGE FACTORS/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ FEMALE/ HISTOLOGICAL TECHNICS/ KARYOMETRY/ MALE/ *PITUITARY GLAND, anatomy & histology/ PITUITARY GLAND, cytology/ PITUITARY GLAND, physiology/ *RODENTS, anatomy & histology/ SEX FACTORS

4415. **Wilkenfeld BE, Levy B:** The effects of theophylline, diazoxide and imidazole on isoproterenol-induced inhibition of the rabbit ileum.
J Pharmacol Exp Ther 169:61-7, Sep 69
ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ ANIMAL EXPERIMENTS/ *DIAZOXIDE, pharmacodynamics/ GLYCERYL TRINITRATE, pharmacodynamics/ ILEUM, drug effects/ *IMIDAZOLES, pharmacodynamics/ IN VITRO/ ISOPROTERENOL, pharmacodynamics/ *MUSCLE CONTRACTION, drug effects/ *MUSCLE, SMOOTH, drug effects/ PHENYLEPHRINE, pharmacodynamics/ PHOSPHATASES, metabolism/ RABBITS/ *THEOPHYLLINE, pharmacodynamics

4416. **Wilkins RW:** The Jeremiah Metzger Lecture. Clinical and climatological observations on hypertension.
Trans Amer Clin Climat Ass 80:166-78, 1969
ANTIHYPERTENSIVE AGENTS, therapeutic use/ BLOOD PRESSURE DETERMINATION/ CLIMATE/ FOLLOW-UP STUDIES/ HUMAN/

HYPERALDOSTERONISM/ *HYPERTENSION/ HYPERTENSION, diagnosis/ HYPERTENSION, etiology/ HYPERTENSION, therapy/ MEDICAL HISTORY TAKING/ PHEOCHROMOCYTOMA

4417. **Willard DH**: Acute toxicity of inhaled crushed 238PuO2 microspheres in beagles. BNWL-714.
US AEC Battelle Northwest 4.9-44, May 68
AEROSOLS/ ANIMAL EXPERIMENTS/ BONE AND BONES, analysis/ DOGS/ LUNG, analysis/ *LUNG, radiation effects/ LYMPH NODES, analysis/ *PLUTONIUM, toxicity/ TIME FACTORS

4418. **Willems G, Gérard A**: Etudes histochimiques des modifications de la muqueuse gastriques chez le chien soumis à l'action de la coetisone.
C R Soc Biol (Paris) 163:218-21, 1969 (Fre)
ANIMAL EXPERIMENTS/ CHONDROITIN, metabolism/ *CORTISONE, toxicity/ DOGS/ *GASTRIC MUCOSA, drug effects/ GLYCOPROTEINS, secretion/ HISTOCYTOCHEMISTRY/ *PEPTIC ULCER, chemically induced/ PYLORUS, drug effects/ SULFATES, metabolism/ SULFUR ISOTOPES

4419. **Willert HG, Schreiber A**: Unterschiedliche Reaktionen von Knochen- und Weichteillager auf autopolymerisierende Kunststoffimplantate.
Z Orthop 106:231-52, May 69 (Ger)
*ACRYLIC RESINS, adverse effects/ AGED/ *BONE AND BONES, pathology/ *CONNECTIVE TISSUE, pathology/ ENGLISH ABSTRACT/ FEMALE/ FEMORAL NECK FRACTURES, surgery/ HUMAN/ MALE/ MIDDLE AGE/ *MUSCLES, pathology/ PROSTHESIS/ SPINAL FUSION/ SPINAL OSTEOPHYTOSIS, surgery

4420. **Williams HL, Lester BK, Coulter JD**: Monoamines and the EEG stages of sleep.
Activ Nerv Sup (Praha) 11:188-92, 1969
AGED/ CATECHOLAMINES, analysis/ *ELECTROENCEPHALOGRAPHY/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ *PHENYLALANINE, pharmacodynamics/ SEROTONIN, analysis/ *SLEEP/ SLEEP, REM/ SLEEP STAGES/ TRYPTOPHAN, pharmacodynamics

4421. **Williams HL, Williams RI**: The therapeutic implications of the hypothesis of allergic hypersensitivity as dysfunction of the intracellular immune mechanism. Ann Allerg 27:434-60, Sep 69
ADRENAL CORTEX HORMONES, adverse effects/ ADULT/ ANAPHYLAXIS/ ANDROGENS, therapeutic use/ ANTIHISTAMINICS, therapeutic use/ BRONCHODILATOR AGENTS, therapeutic use/ CHILD/ DIABETES MELLITUS, etiology/ DIET/ GLUCOCORTICOIDS, therapeutic use/ HUMAN/ *HYPERSENSITIVITY, therapy/ HYPERSENSITIVITY, DELAYED/ IMMUNITY/ PEPTIDE HYDROLASES, therapeutic use/ SHOCK, TRAUMATIC, etiology/ SINUSITIS, drug therapy/ SINUSITIS, surgery/ SKIN TESTS/ SYMPATHOMIMETICS, therapeutic use/ THYROID HORMONES, therapeutic use/ ULCER, etiology/ XANTHINES, therapeutic use

4422. **Williams TW, Granger GA**: Lymphocyte in vitro cytotoxicity: correlation of derepression with release of lymphotoxin from human lymphocytes.
J Immun 103:170-8, Aug 69
AMINO ACIDS, metabolism/ BLOOD PROTEINS, biosynthesis/ CARBON ISOTOPES/ CELL WALL, immunology/ CYCLOHEXIMIDE, pharmacodynamics/ DNA, biosynthesis/ HUMAN/ HYDROCORTISONE, pharmacodynamics/ IN VITRO/ L CELLS/ LYMPHOCYTE TRANSFORMATION/ LYMPHOCYTES, immunology/ *LYMPHOCYTES, metabolism/ LYMPHOCYTES, radiation effects/ PHENOLS, pharmacodynamics/ PLANT AGGLUTININS/ PUROMYCIN, pharmacodynamics/ *RADIATION EFFECTS/ TISSUE CULTURE/ TRITIUM/ URIDINE, metabolism

4423. **Williamson DG, O'Donnell VJ**: The role of cytochrome P-450 in the mechanism of inhibition of steroid 11 beta-hydroxylation by dicumarol.
Biochemistry (Wash) 8:1300-6, Apr 69
ACETONE/ ADRENAL GLANDS, enzymology/ ANDROSTANES/ ANIMAL EXPERIMENTS/ *BISHYDROXYCOUMARIN/ CATTLE/ CHEMISTRY/ CORTICOSTERONE/ *CYTOCHROMES/ DESOXYCORTICOSTERONE/ DRUG STABILITY/ *HYDROXYLASES, antagonists & inhibitors/ 17-KETOSTEROIDS/ KINETICS/ MITOCHONDRIA, enzymology/ STEROIDS

4424. **Williamson DG, O'Donnell VJ**: Effects of adrenal mitochondrial lipid on the reduced nicotinamide-adenine dinucleotide phosphate supported 11 beta-hydroxylation of deoxycorticosterone. Interaction of phospholipid with cytochrome P-450.
Biochemistry (Wash) 8:1289-300, Apr 69
ACETONE/ *ADRENAL GLANDS/ ADRENAL GLANDS, enzymology/ ANIMAL EXPERIMENTS/ BISHYDROXYCOUMARIN/ CATTLE/ CHEMISTRY/ *CYTOCHROMES/ *DESOXYCORTICOSTERONE/ FERREDOXINS/ *HYDROXYLASES/ KINETICS/ LECITHINS/ *LIPIDS/ *MITOCHONDRIA/ MITOCHONDRIA, enzymology/ *NADP/ PHOSPHOLIPIDS/ PROTEINS/ QUINONES/ SOY BEANS/ TRITIUM/ VITAMIN K

4425. **Williamson DG, O'Donnell VJ**: The interaction of metopirone with adrenal mitochondrial cytochrome P-450. A mechanism for the inhibition of adrenal steroid 11 beta-hydroxylation.
Biochemistry (Wash) 8:1306-11, Apr 69
*ADRENAL GLANDS/ ADRENAL GLANDS, enzymology/ ANIMAL EXPERIMENTS/ BINDING SITES/ CATTLE/ CHEMISTRY/ *CYTOCHROMES/ DESOXYCORTICOSTERONE/ *HYDROXYLASES, antagonists & inhibitors/ KINETICS/ *METYRAPONE/ MITOCHONDRIA/ MITOCHONDRIA, enzymology/ SPECTRUM ANALYSIS

4426. **Williamson DH, Veloso D, Ellington EV, et al**: Changes in the concentrations of hepatic metabolites on administration of dihydroxyacetone or glycerol to starved rats and their relationship to the control of ketogenesis. Biochem J 114:575-84, Sep 69
ACETOACETATES, blood/ *ACETONE, metabolism/ ANIMAL EXPERIMENTS/ COENZYME A, analysis/ FATTY ACIDS, NONESTERIFIED, blood/ GLUCOSE, metabolism/ *GLYCERIN, metabolism/ GLYCEROPHOSPHATES, analysis/ GLYCOGEN, analysis/ HYDROXYBUTYRATES, blood/ KETONE BODIES, analysis/ *KETONE BODIES, biosynthesis/ LACTATES, analysis/ LACTATES, blood/ *LIVER, analysis/ MITOCHONDRIA, LIVER, analysis/ NAD, analysis/ OXIDATION-REDUCTION/ PYRUVATES, analysis/ RATS/ *STARVATION, metabolism/ TRIIODOTHYRONINE, pharmacodynamics

4427. **Williamson JR, Vogler NJ, Kilo C**: Estimation of vascular basement membrane thickness. Theoretical and practical considerations.
Diabetes 18:567-78, Aug 69
ADULT/ *BASEMENT MEMBRANE, anatomy & histology/ *CAPILLARIES, anatomy & histology/ CORTISONE, diagnostic use/ FEMALE/ GLUCOSE TOLERANCE TEST/ HUMAN/ INSULIN, blood/ MALE/ MICROSCOPY, ELECTRON

4428. **Wills MR, Pak CY, Hammond WG, et al**: Normocalcemic primary hyperparathyroidism.
Amer J Med 47:384-91, Sep 69
ADENOMA, complications/ ADENOMA, surgery/ ADULT/ *CALCIUM, blood/ CALCIUM, diagnostic use/ CALCIUM, urine/ FASTING/ FEMALE/ HUMAN/ *HYPERPARATHYROIDISM, blood/ HYPERPARATHYROIDISM, diagnosis/ HYPERPARATHYROIDISM, etiology/ HYPERPLASIA/ KIDNEY CALCULI, blood/ KIDNEY CALCULI, complications/ MALE/

MIDDLE AGE/ PARATHYROID NEOPLASMS, complications/ PARATHYROID NEOPLASMS, surgery/ PHOSPHATES, blood/ PHOSPHATES, urine/ PREDNISONE, diagnostic use

4429. **Wiluhn G:** Untersuchungen zur chemischen differenzierung bei solanum dulcamara L. 3. Der Steroidalkaloidgehalt in Früchten der Solasodin-Sippe. Planta Med 16:462-6, Dec 68 (Ger)
*ALKALOIDS, analysis/ CHEMISTRY, PHARMACEUTICAL/ ENGLISH ABSTRACT/ FRUIT, analysis/ *PLANTS, MEDICINAL, analysis/ *STEROIDS, analysis

4430. **Wilmanns W, Mainzer K, Müller D, et al:** The treatment of acute leukaemia with cytosine arabinoside: biochemical and clinical findings.
German Med Monthly 14:317-24 passim, Jul 69
*CYTARABINE, therapeutic use/ CYTOSINE NUCLEOTIDES, biosynthesis/ *LEUKEMIA, drug therapy/ NUCLEOTIDES, biosynthesis/ PREDNISOLONE, therapeutic use/ PREDNISONE, therapeutic use/ THYMIDINE KINASE, antagonists & inhibitors

4431. **Wilson JD:** Some vasoactive properties of human plasma. J Physiol (London) 203:60P-61P, Jul 69
ANIMAL EXPERIMENTS/ *ARTERIES, drug effects/ EAR, EXTERNAL, blood supply/ HISTAMINE, antagonists & inhibitors/ HUMAN/ IN VITRO/ MUSCLE, SMOOTH, drug effects/ NOREPINEPHRINE, pharmacodynamics/ PHENOXYBENZAMINE, pharmacodynamics/ RABBITS/ SEROTONIN, pharmacodynamics/ *VASOCONSTRICTOR AGENTS, blood

4432. **Wilson JG, Fradkin R:** Teratogeny in nonhuman primates, with notes on breeding procedures in Macaca mulatta. Ann NY Acad Sci 162:267-77, 3 Jul 69
*ABNORMALITIES, occurrence/ ABNORMALITIES, DRUG-INDUCED, occurrence/ ANDROGENS/ ANIMAL EXPERIMENTS/ *BREEDING/ FEMALE/ GONADOTROPINS, CHORIONIC, diagnostic use/ MALE/ MONKEYS/ *MONKEYS/ NORETHINDRONE/ PREGNANCY TESTS/ RUBELLA VIRUS/ SPECIES SPECIFICITY/ STEROIDS/ THALIDOMIDE/ VINCRISTINE

4433. **Wilson JT:** Identification of somatotropin as the hormone in a mixture of somatotropin, adrenocorticotropic hormone and prolactin which decreased liver drug metabolism in the rat.
Biochem Pharmacol 18:2029-31, Aug 69
ALBUMINS, pharmacodynamics/ AMINOPYRINE, metabolism/ ANIMAL EXPERIMENTS/ COMPARATIVE STUDY/ CORTICOTROPIN, pharmacodynamics/ FORMALDEHYDE, analysis/ HEXOBARBITAL, pharmacodynamics/ *LIVER, metabolism/ MALE/ MICROSOMES, metabolism/ MORPHINANS, metabolism/ PROLACTIN, pharmacodynamics/ RATS/ *SOMATOTROPIN, pharmacodynamics

4434. **Wilson LD, Oldham SB, Harding BW:** Studies on adrenal cortical cytochrome P-450. II. Effects of inhibitors of 11 beta hydroxylation on its optical and magnetic properties.
Biochemistry (Wash) 8:2975-81, Jul 69
ADRENAL GLANDS, cytology/ *ADRENAL GLANDS, metabolism/ ANIMAL EXPERIMENTS/ BINDING SITES/ BUTANONES, pharmacodynamics/ CATTLE/ *CYTOCHROMES, antagonists & inhibitors/ DEPRESSION, CHEMICAL/ ELECTRON SPIN RESONANCE/ IMIDAZOLES, pharmacodynamics/ KINETICS/ MALATES, pharmacodynamics/ METYRAPONE, pharmacodynamics/ MITOCHONDRIA, drug effects/ *MITOCHONDRIA, metabolism/ OXYGEN CONSUMPTION/ SPECTROPHOTOMETRY/ *STEROIDS, metabolism

4435. **Windhorst DB, Soothill JF:** Inheritance of chronic granulomatous disease. Lancet 2:543-4, 6 Sep 69
BLOOD BACTERICIDAL ACTIVITY/ CHRONIC DISEASE/ FEMALE/ *GRANULOMA, familial & genetic/ HUMAN/ *INFANT, NEWBORN, DISEASES, familial & genetic/ *INFECTION, familial & genetic/ *LYMPHADENITIS, familial & genetic/ MALE/ METHODS/ SEX CHROMOSOMES

4436. **Windorfer A, Sitzmann FC:** Neurologische Erkrankungen durch Enteroviren bei Kindern.
Deutsch Med Wschr 94:2071-5, 10 Oct 69 (Ger)
ADOLESCENCE/ CEREBROSPINAL FLUID, microbiology/ CHILD/ CHILD, PRESCHOOL/ CORTICOTROPIN, therapeutic use/ ECHO VIRUS INFECTIONS, complications/ ELECTROENCEPHALOGRAPHY/ ENCEPHALITIS, drug therapy/ ENGLISH ABSTRACT/ *ENTEROVIRUS INFECTIONS, complications/ FACIAL PARALYSIS, etiology/ FEMALE/ HUMAN/ MALE/ MENINGITIS, etiology/ MENINGOENCEPHALITIS, etiology/ MYELITIS, etiology/ *NERVOUS SYSTEM DISEASES, etiology/ NEUROLOGIC MANIFESTATIONS/ OCULOMOTOR PARALYSIS, etiology/ POLYRADICULITIS, etiology

4437. **Winer N, Chokshi DS, Yoon MS, et al:** Adrenergic receptor mediation of renin secretion.
J Clin Endocr 29:1168-75, Sep 69
ADOLESCENCE/ ADULT/ *DIAZOXIDE, pharmacodynamics/ *ETHACRYNIC ACID, pharmacodynamics/ HUMAN/ NATRIURESIS/ NEUROHUMORS, physiology/ *PHENTOLAMINE, pharmacodynamics/ *POSTURE/ *PROPRANOLOL, pharmacodynamics/ RECEPTORS, NEURAL, drug effects/ *RECEPTORS, NEURAL, physiology/ RENIN, blood/ *RENIN, secretion/ STIMULATION, CHEMICAL/ SYMPATHETIC NERVOUS SYSTEM, drug effects/ *SYMPATHETIC NERVOUS SYSTEM, physiology/ *THEOPHYLLINE, pharmacodynamics

4438. **Winkler H:** Isolierung und Eigenschaften von Noradrenalin-speichernden Granula des Nebennierenmarks.
Naunyn Schmiedeberg Arch Pharm 263:258-9, 1969 (Ger)
*ADRENAL MEDULLA, cytology/ ANIMAL EXPERIMENTS/ CENTRIFUGATION, DENSITY GRADIENT/ *CYTOPLASMIC GRANULES/ ELECTROPHORESIS, DISK/ *NOREPINEPHRINE, analysis/ SWINE

4439. **Wins P:** The interaction of reduced pyridine nucleotides with the red cell membrane.
Arch Int Physiol 77:251-9, May 69
ADENOSINE TRIPHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ BIOLOGICAL TRANSPORT/ CALCIUM, metabolism/ CELL MEMBRANE, enzymology/ *CELL MEMBRANE, metabolism/ ELECTRON TRANSPORT/ ERYTHROCYTES, enzymology/ *ERYTHROCYTES, metabolism/ LIGHT/ MAGNESIUM, metabolism/ *NAD, metabolism/ *NADP, metabolism/ SPECTRUM ANALYSIS/ SWINE

4440. **Winston F:** Oral contraceptives and depression.
Lancet 2:377, 16 Aug 69
ADULT/ *CONTRACEPTIVES, ORAL, adverse effects/ *DEPRESSION, chemically induced/ DEPRESSION, drug therapy/ FEMALE/ HUMAN/ *PYRIDOXINE, therapeutic use

4441. **Winter JC:** Behavioral effects of N,N-diethyltryptamine: absence of antagonism by xylamidine tosylate.
J Pharmacol Exp Ther 169:7-16, Sep 69
*ACETIC ACIDS, pharmacodynamics/ *AMIDINES, pharmacodynamics/ ANILIDES, pharmacodynamics/ ANIMAL EXPERIMENTS/ CINNAMATES, pharmacodynamics/ *CONDITIONING, OPERANT, drug effects/ DEPRESSION, CHEMICAL/ FEMALE/ HYDROXYTRYPTOPHAN, administration & dosage/ HYDROXYTRYPTOPHAN, antagonists & inhibitors/ HYDROXYTRYPTOPHAN, pharmacodynamics/ RATS/ RECEPTORS,

DRUG/ SEROTONIN, administration & dosage/ SEROTONIN, antagonists & inhibitors/ SEROTONIN, pharmacodynamics/ TRYPTAMINES, administration & dosage/ TRYPTAMINES, antagonists & inhibitors/ *TRYPTAMINES, pharmacodynamics

4442. **Wisborg T:** Operativ behandling af lungemetastaser.
Ugeskr Laeg 131:1157-60, 3 Jul 69 (Dan)
ADOLESCENCE/ ADULT/ AGE FACTORS/ CARCINOMA, surgery/ CHILD, PRESCHOOL/ COLONIC NEOPLASMS, surgery/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ KIDNEY NEOPLASMS, surgery/ *LUNG NEOPLASMS, surgery/ MALE/ MELANOMA, surgery/ MIDDLE AGE/ *NEOPLASM METASTASIS, surgery/ NEOPLASMS, EMBRYONAL AND MIXED, surgery/ PNEUMONECTOMY/ SARCOMA, surgery/ TESTICULAR NEOPLASMS, surgery/ TIME FACTORS/ UTERINE NEOPLASMS, surgery

4443. **Wise GE:** Ultrastructure of amphibian melanophores after light-dark adaptation and hormonal treatment.
J Ultrastruct Res 27:472-85, Jun 69
ADAPTATION, PHYSIOLOGICAL/ ANIMAL EXPERIMENTS/ *CHROMATOPHORES, cytology/ CHROMATOPHORES, physiology/ CYTOPLASMIC GRANULES/ *LIGHT/ MELANIN/ *MELATONIN, physiology/ MICROSCOPY, ELECTRON/ *PITUITARY HORMONES, POSTERIOR, physiology/ TOADS

4444. **Wise RA:** Plasticity of hypothalamic motivational systems.
Science 165:929-30, 29 Aug 69
ELECTRIC STIMULATION/ FEEDING BEHAVIOR/ *HYPOTHALAMUS, physiology/ *MOTIVATION

4445. **Wiswell JG, Crago RM:** Reversible cardiomyopathy with pheochromocytoma.
Trans Amer Clin Climat Ass 80:185-95, 1969
ADULT/ ARRHYTHMIA, etiology/ ELECTROCARDIOGRAPHY/ FEMALE/ HEART ENLARGEMENT, etiology/ HUMAN/ MALE/ MIDDLE AGE/ *MYOCARDIAL DISEASES, SECONDARY, etiology/ MYOCARDIAL DISEASES, SECONDARY, pathology/ *PHEOCHROMOCYTOMA, complications/ PHEOCHROMOCYTOMA, pathology/ PREOPERATIVE CARE/ SYMPATHOLYTICS, administration & dosage/ TACHYCARDIA, etiology

4446. **Witebsky E:** Introductory remarks.
Vox Sang 16:301-3, Apr 69
ANIMAL EXPERIMENTS/ AUTOANTIBODIES/ *AUTOIMMUNE DISEASES/ GLOMERULONEPHRITIS, immunology/ HUMAN/ HYPERSENSITIVITY, DELAYED/ THYROIDITIS, immunology

4447. **Witkowska M:** Współczesna farmakoterapia schorzeń nowotworowych. I.
Wiad Lek 22:1107-14, 15 Jun 69 (Pol)
ADRENAL CORTEX HORMONES, therapeutic use/ ALKYLATING AGENTS, therapeutic use/ ANTIBIOTICS, ANTINEOPLASTIC, therapeutic use/ ANTIMETABOLITES, therapeutic use/ *ANTINEOPLASTIC AGENTS, therapeutic use/ ENGLISH ABSTRACT/ HUMAN/ *NEOPLASMS, drug therapy

4448. **Wittwer B:** Humangenetische Probleme der Entwicklungsstörungen und Missbildungen.
Beitr Orthop Trauma 15:581-3, Oct 68 (Ger)
*ABNORMALITIES, familial & genetic/ *BONE AND BONES, abnormalities/ DERMATOGLYPHICS/ HUMAN/ KARYOTYPING

4449. **Witwicka Z, Janczewski G:** Trudności wczesnego rozpoznania złośliwych guzów tarczych.
Otolaryng Pol 23:323-8, 1969 (Pol)
AGED/ *CARCINOMA, PAPILLARY, diagnosis/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ IODINE ISOTOPES, DIAGNOSTIC/ LYMPHATIC METASTASIS, diagnosis/ MIDDLE AGE/ RADIOISOTOPE SCANNING/ *THYROID NEOPLASMS, diagnosis

4450. **Witwicki T, Daniluk A, Siedlik J:** Zmiany chorobowe kośćca usposabiające do powstania mięsaków kości.
Wiad Lek 22:1071-6, 15 Jun 69 (Pol)
ADULT/ *BONE AND BONES, pathology/ BONE DISEASES, complications/ *BONE NEOPLASMS, etiology/ ENGLISH ABSTRACT/ FEMALE/ FIBROSARCOMA, etiology/ HUMAN/ MALE/ MENOPAUSE/ *PRECANCEROUS CONDITIONS, pathology/ PREGNANCY/ PREGNANCY COMPLICATIONS/ PUBERTY/ *SARCOMA, OSTEOGENIC, etiology/ SARCOMA, OSTEOGENIC, pathology

4451. **Witzel L:** Sterblichkeit an bösartigen Neubildungen bei jungen Männern.
Med Klin 64:1351-4, 25 Jul 69 (Ger)
ADOLESCENCE/ ADULT/ AGE FACTORS/ BONE NEOPLASMS, mortality/ COLONIC NEOPLASMS, mortality/ DISGERMINOMA, mortality/ HUMAN/ KIDNEY NEOPLASMS, mortality/ LEUKEMIA, mortality/ LIVER NEOPLASMS, mortality/ LYMPHOMA, mortality/ MALE/ *NEOPLASMS, mortality/ NEOPLASMS, CONNECTIVE TISSUE, mortality/ PANCREATIC NEOPLASMS, mortality/ SEX FACTORS/ STOMACH NEOPLASMS, mortality/ TESTICULAR NEOPLASMS, mortality

4452. **Wocjan J, Bacia T, Fryze C:** Zaburzenia elektroencefalograficzne w nadnamiotowych guzach linii środkowej u dzieci.
Neurol Neurochir Pol 3:481-8, Jul-Aug 69 (Pol)
*BRAIN NEOPLASMS, diagnosis/ CEREBRAL VENTRICLE NEOPLASMS, diagnosis/ CHILD/ CHILD, PRESCHOOL/ *ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ HUMAN/ INFANT/ PITUITARY NEOPLASMS, diagnosis

4453. **Wogan GN:** Naturally occurring carcinogens in foods.
Progr Exp Tumor Res 11:134-62, 1969 (110 ref.)
ADENOCARCINOMA, chemically induced/ ADENOMA, chemically induced/ AFLATOXIN/ ALKALOIDS/ ANIMAL EXPERIMENTS/ ASCOMYCETES, analysis/ *CARCINOGENS/ CARCINOMA, chemically induced/ COTTONSEED/ ESOPHAGEAL NEOPLASMS, chemically induced/ *FOOD/ HEPATOMA, chemically induced/ HETEROCYCLIC COMPOUNDS/ HUMAN/ INTESTINAL NEOPLASMS, chemically induced/ LIVER NEOPLASMS, chemically induced/ MICE/ *MYCOTOXINS/ NEOPLASMS, etiology/ *NEOPLASMS, EXPERIMENTAL, chemically induced/ PENICILLIN, analysis/ PLANTS, analysis/ *PLANTS, EDIBLE, analysis/ RATS/ REVIEW/ RICE/ SENECIO, analysis/ THYROID NEOPLASMS, chemically induced

4454. **Wohlenberg H:** Myelofibrose und Osophagusvarizen.
Deutsch Med Wschr 94:2163-7, 17 Oct 69 (Ger)
AGED/ *ESOPHAGEAL VARICES, etiology/ FEMALE/ HEMORRHAGE, GASTROINTESTINAL/ HUMAN/ *HYPERTENSION, PORTAL, complications/ HYPERTENSION, PORTAL, drug therapy/ MIDDLE AGE/ *MYELOFIBROSIS, complications/ SPIRONOLACTONE, therapeutic use/ SPLENOPORTOGRAPHY/ THROMBELASTOGRAPHY/ TUBERCULOSIS, SPLENIC

4455. **Wohnlich J:** Effets de l'adrénaline sur la gluconéogenèse dans le surnageant d'homogénat de foie de rat.
Bull Soc Chim Biol (Paris) 50:1849-54, 30 Jan 69 (Fre)
ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY/ *EPINEPHRINE, pharmacodynamics/ FASTING/ *GLUCONEOGENESIS, drug effects/ GLYCOGEN, biosynthesis/ HEXOSEPHOSPHATES, metabolism/ IN VITRO/ LACTATES, metabolism/ LIVER, drug effects/ *LIVER, metabolism/ MALTOSE, biosynthesis/ MONOSACCHARIDES, biosynthesis/ OLIGOSACCHARIDES,

biosynthesis/ PYRUVATES, metabolism/ RATS/ RIBOSE, biosynthesis

4456. **Wójtowicz S:** Elektromiografia w neuropochodnych i rzekomo neuropochodnych zaburzeniach ruchomości oczu. IV. Cechy miopatii ocznych--diagnostyka różnicowa. Klin Oczna 39:423-30, 1969 (Pol)
ADULT/ *AMYOTONIA CONGENITA, diagnosis/ *BLEPHAROPTOSIS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ *ELECTROMYOGRAPHY/ ENGLISH ABSTRACT/ EXOPHTHALMOS, diagnosis/ FEMALE/ HUMAN/ MALE/ *MYASTHENIA GRAVIS, diagnosis/ MYOSITIS, diagnosis/ OCULOMOTOR MUSCLES, physiopathology/ OCULOMOTOR NERVE, physiopathology/ *OCULOMOTOR PARALYSIS, diagnosis

4457. **Woldow N:** Serum potassium levels and adrenal hypertrophy in rats, (Rattus norwegicus), infected by Trypansoma lewisi. Wildlife Dis 5:297-301, Jul 69
*ADRENAL GLAND DISEASES, veterinary/ ANIMAL EXPERIMENTS/ *POTASSIUM, blood/ *RATS/ *RODENT DISEASES, blood/ *TRYPANOSOMIASIS, veterinary

4458. **Wolfish MN:** Increased proteinuria due to steroid therapy in chronic renal disease.
J Pediat 75:524, Sep 69
*ADRENAL CORTEX HORMONES, adverse effects/ ADRENAL CORTEX HORMONES, therapeutic use/ HUMAN/ *KIDNEY DISEASES, drug therapy/ MALE/ MIDDLE AGE/ *PROTEINURIA, chemically induced

4459. **Wolkow MW, Andrianow WL:** Die orthopädische Behandlung der Kinder mit dysplastischen Erkrankungen des Knochensystems.
Beitr Orthop Trauma 15:649-52, 1968 (Ger)
BONE DISEASES, radiography/ CHILD/ CHILD, PRESCHOOL/ *CHONDRODYSTROPHIA CALCIFICANS CONGENITA, surgery/ *DYSCHONDROPLASIA, surgery/ ECCENTRO-OSTEOCHONDRODYSPLASIA/ *EXOSTOSES, MULTIPLE, surgery/ *FIBROUS DYSPLASIA OF BONE, surgery/ HUMAN/ *OSTEOGENESIS IMPERFECTA, surgery

4460. **Wollenberger A, Krause EG, Heier G:** Stimulation of 3',5'-cyclic AMP formation in dog myocardium following arrest of blood flow.
Biochem Biophys Res Commun 36:664-70, 15 Aug 69
*ADENINE NUCLEOTIDES, biosynthesis/ ADENOSINE CYCLIC 3',5'-PHOSPHATE, biosynthesis/ ADENYL CYCLASE, metabolism/ ANIMAL EXPERIMENTS/ *CORONARY VESSELS/ DEPRESSION, CHEMICAL/ DOGS/ *GLUCOSYLTRANSFERASES, metabolism/ HEART VENTRICLE/ ISCHEMIA, metabolism/ *MYOCARDIUM, metabolism/ NOREPINEPHRINE, physiology/ PRONETHALOL, pharmacodynamics/ TIME FACTORS

4461. **Wolman M, London Y:** Phase transitions in myelin from lamellar into water in oil and oil in water patterns.
Proc Soc Exp Biol Med 131:1460-2, Sep 69
ANIMAL EXPERIMENTS/ BRAIN CHEMISTRY/ CALCIUM CHLORIDE/ CATTLE/ CHEMISTRY, PHYSICAL/ ELECTROPHORESIS/ *EMULSIONS/ *LIPIDS/ *LIPOPROTEINS/ *MYELIN SHEATH/ *OILS/ PERIPHERAL NERVES/ SODIUM CHLORIDE/ THIOCYANATES/ *WATER

4462. **Wolpert A, Yaryura-Tobias JA, White L, et al:** Triiodothyronine and phenothiazines in schizophrenia. Dis Nerv Syst 30:487-9, Jul 69
ADULT/ CHLORPROMAZINE, administration & dosage/ FEMALE/ FLUPHENAZINE, administration & dosage/ HUMAN/ MALE/ MIDDLE AGE/ *PHENOTHIAZINES, administration & dosage/ PROCHLORPERAZINE, administration & dosage/ *SCHIZOPHRENIA, drug therapy/ THIORIDAZINE, administration & dosage/ TRIFLUOPERAZINE, administration & dosage/ *TRIIODOTHYRONINE, administration & dosage

4463. **Wong PY, Fritze K:** Determination by neutron activation of copper, manganese, and zinc in the pineal body and other areas of brain tissue.
J Neurochem 16:1231-4, Aug 69
ACTIVATION ANALYSIS/ AGE FACTORS/ ANIMAL EXPERIMENTS/ BRAIN, growth & development/ *BRAIN CHEMISTRY/ CATTLE/ CEREBELLUM, analysis/ CEREBRAL CORTEX, analysis/ *COPPER, analysis/ FREEZE DRYING/ HIPPOCAMPUS, analysis/ *MANGANESE, analysis/ MEDULLA OBLONGATA, analysis/ MESENCEPHALON, analysis/ *PINEAL BODY, analysis/ PONS, analysis/ RADIOISOTOPES/ SPECIES SPECIFICITY/ SPINAL CORD, analysis/ SWINE/ THALAMUS, analysis/ *ZINC, analysis

4464. **Wong SC, Walsh EO:** Effects of morphine on the hormonal control of metabolism. V. Morphine-induced changes in sensitivity of the glucose-uptake system of muscle to extracellular potassium. Biochem Pharmacol 18:1979-83, Aug 69
ANIMAL EXPERIMENTS/ DIAPHRAGM, metabolism/ EPINEPHRINE, pharmacodynamics/ *GLUCOSE, metabolism/ HYDROCORTISONE, pharmacodynamics/ IN VITRO/ MAGNESIUM, pharmacodynamics/ *MORPHINE, pharmacodynamics/ *MUSCLES, metabolism/ *POTASSIUM, pharmacodynamics/ RATS

4465. **Wood JC, Williams EA, Barley VL, et al:** The activity of hydrolytic enzymes in the human endometrium during the menstrual cycle.
J Obstet Gynaec Brit Comm 76:724-8, Aug 69
*ACID PHOSPHATASE, analysis/ CATHEPSIN, analysis/ DECIDUA, enzymology/ *ENDOMETRIUM, enzymology/ FEMALE/ *GLUCURONIDASE, analysis/ HORMONES, physiology/ HUMAN/ LYSOSOMES, enzymology/ *MENSTRUATION/ PREGNANCY

4466. **Wood JR, Wrenn TR, Bitman J:** Oestrogen-induced glycogenesis in the uteri of fasted and insulin-treated hypoglycaemic rats.
Acta Endocr (Kobenhavn) 61:248-54, Jun 69
ANIMAL EXPERIMENTS/ BLOOD SUGAR, analysis/ *ESTRADIOL, pharmacodynamics/ *FASTING/ FEMALE/ GLUCOSE, analysis/ GLUCOSE, metabolism/ *GLYCOGEN, biosynthesis/ HYPOGLYCEMIA, chemically induced/ *HYPOGLYCEMIA, metabolism/ *INSULIN, pharmacodynamics/ RATS/ UTERUS, analysis/ *UTERUS, metabolism

4467. **Woodbury DM:** Role of pharmacological factors in the evaluation of anticonvulsant drugs.
Epilepsia (Amst) 10:121-44, Jun 69
ACID-BASE EQUILIBRIUM/ AGE FACTORS/ ANIMAL EXPERIMENTS/ ANTICONVULSANTS, administration & dosage/ ANTICONVULSANTS, analysis/ *ANTICONVULSANTS, metabolism/ ANTICONVULSANTS, pharmacodynamics/ ANTICONVULSANTS, standards/ ANTICONVULSANTS, therapeutic use/ BODY TEMPERATURE/ CATS/ *CENTRAL NERVOUS SYSTEM, drug effects/ CONVULSIONS, enzymology/ DIPHENYLHYDANTOIN, analysis/ DIPHENYLHYDANTOIN, metabolism/ DIPHENYLHYDANTOIN, pharmacodynamics/ DIPHENYLHYDANTOIN, standards/ DRUG SYNERGISM/ ENVIRONMENT/ EPILEPSY, drug therapy/ HUMAN/ HYDROGEN-ION CONCENTRATION/ IODINE ISOTOPES/ METHODS/ NUTRITION DISORDERS/ RATS/ RECEPTORS, DRUG/ REVIEW/ STROPHANTHIN, pharmacodynamics/ THYROID GLAND, drug effects/ TIME FACTORS/ WATER-ELECTROLYTE BALANCE

4468. **Woodland HR:** The phosphorylation of thymidine by oocytes and eggs of Xenopus laevis Daudin.
Biochim Biophys Acta 186:1-12, 22 Jul 69
ANIMAL EXPERIMENTS/ CELL NUCLEUS, metabolism/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ DEPRESSION, CHEMICAL/ DNA, biosynthesis/

FEMALE/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ KINETICS/ NUCLEOTIDES, pharmacodynamics/ OVARY/ OVUM, drug effects/ OVUM, growth & development/ *OVUM, metabolism/ *OXIDATIVE PHOSPHORYLATION/ OXIDATIVE PHOSPHORYLATION, drug effects/ RNA, biosynthesis/ STIMULATION, CHEMICAL/ *THYMIDINE, metabolism/ THYMINE, biosynthesis/ TISSUE CULTURE/ TOADS/ TRITIUM

4469. **Woodruff M**: Immunosuppression and its complications.
Proc Roy Soc Med 62:411-6, Apr 69 (77 ref.)
ADRENAL CORTEX HORMONES, adverse effects/ ADULT/ ANIMAL EXPERIMENTS/ ANTIBODY FORMATION, drug effects/ ANTIGENS/ ANTILYMPHOCYTE SERUM, adverse effects/ AUTOIMMUNE DISEASES, drug therapy/ AZATHIOPRINE, therapeutic use/ FEMALE/ HUMAN/ IMMUNOSUPPRESSIVE AGENTS, adverse effects/ *IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ INFECTION/ MALE/ NEOPLASMS, chemically induced/ PREDNISOLONE, therapeutic use/ REVIEW/ THROMBOPENIA, chemically induced/ TISSUE EXTRACTS/ TRANSPLANTATION, HOMOLOGOUS/ *TRANSPLANTATION IMMUNOLOGY

4470. **Woods WH, Holland RC, Powell EW**: Connections of cerebral structures functioning in neurohypophysial hormone release. Brain Res 12:26-46, Jan 69
ACOUSTIC NERVE, physiology/ ANIMAL EXPERIMENTS/ *BRAIN STEM, physiology/ CORPORA QUADRIGEMINA, physiology/ *DIENCEPHALON, physiology/ DIENCEPHALON, surgery/ EVOKED POTENTIALS/ GANGLIA, BASAL, physiology/ GYRUS CINGULI, physiology/ HIPPOCAMPUS, physiology/ HIPPOCAMPUS, surgery/ *HYPOTHALAMUS, innervation/ HYPOTHALAMUS, physiology/ HYPOTHALAMUS, surgery/ LACTATION/ *LIMBIC SYSTEM, physiology/ *MESENCEPHALON, physiology/ MESENCEPHALON, surgery/ METHODS/ *OXYTOCIN, secretion/ PONS, physiology/ RABBITS/ STEREOTAXIC TECHNICS/ TIME FACTORS/ *VASOPRESSIN, secretion

4471. **Woodward RW, Callahan WE**: Breech labor and delivery in the primigravida.
Obstet Gynec 34:260-5, Aug 69
CESAREAN SECTION/ *DELIVERY/ FEMALE/ HUMAN/ LABOR, INDUCED/ *LABOR PRESENTATION/ LABOR PRESENTATION, mortality/ OXYTOCIN/ PARITY/ PELVIS, anatomy & histology/ PREGNANCY

4472. **Wooley DF**: Effects of manipulation of biogenic amine levels upon spinal cord reflexes.
Proc West Pharmacol Soc 11:65-7, 1968
ACETIC ACIDS, pharmacodynamics/ ANIMAL EXPERIMENTS/ *AUTONOMIC DRUGS, pharmacodynamics/ CATS/ DOPA, pharmacodynamics/ GLYCOLATES, pharmacodynamics/ HYDRAZINES, pharmacodynamics/ HYDROXYTRYPTOPHAN, pharmacodynamics/ NOREPINEPHRINE, physiology/ PHENIPRAZINE, pharmacodynamics/ *REFLEX, drug effects/ REFLEX, MONOSYNAPTIC, drug effects/ RESERPINE, pharmacodynamics/ SEROTONIN, physiology/ SPINAL CORD, drug effects/ THIOCARBAMATES, pharmacodynamics/ THIOSEMICARBAZONES, pharmacodynamics

4473. **Worcel M, Meyer P, D'Auriac GA, et al**: Role of angiotensin in normal blood pressure regulation.
Pflueger Arch 310:251-63, 1969
*ANGIOTENSIN, physiology/ ANIMAL EXPERIMENTS/ *BLOOD PRESSURE/ FEMALE/ IMMUNE SERUMS, pharmacodynamics/ MALE/ NEPHRECTOMY/ NOREPINEPHRINE, pharmacodynamics/ PHENOXYBENZAMINE, pharmacodynamics/ PROPRANOLOL, pharmacodynamics/ RATS/ RENIN, blood

4474. **Wright EA**: The control of growth.
Proc Roy Soc Med 62:593-5, Jun 69
AMPHIBIA, growth & development/ ANIMAL EXPERIMENTS/ *GROWTH/ GROWTH SUBSTANCES/ GUINEA PIGS/ HYPERTROPHY/ MAMMALS, growth & development/ MICE/ REGENERATION/ SOMATOTROPIN

4475. **Wright LD**: Vitamin D dependent calcium-binding protein. Current concepts.
New York J Med 69:1421-4, 1 Jun 69
ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ CHICK EMBRYO/ DOGS/ INTESTINAL ABSORPTION/ PROTEIN BINDING/ *PROTEINS/ RATS/ *VITAMIN D, metabolism/ VITAMIN D, pharmacodynamics

4476. **Wrong NM**: Postoperative keloids--treat or ignore?
Canad Med Ass J 101:226-8, 23 Aug 69
CHILD/ FEMALE/ HUMAN/ *KELOID, therapy/ NEGROES/ POSTOPERATIVE COMPLICATIONS, therapy/ TRIAMCINOLONE ACETONIDE, administration & dosage

4477. **Wrzyszcz M**: Wpływ cytochromu C na wydzielanie 17-ketosteroidów u chorych na alergiczną dychawicę oskrzelową. Pol Tyg Lek 24:674-6, 5 May 69 (Pol)
ADOLESCENCE/ ADULT/ *ASTHMA, urine/ *CYTOCHROMES, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *HYPERSENSITIVITY, urine/ *17-KETOSTEROIDS, urine/ MALE/ MIDDLE AGE

4478. **Wu WH, Rockey JH**: Antivasopressin antibody. Characterization of high-affinity rabbit antibody with limited association constant heterogeneity.
Biochemistry (Wash) 8:2719-28, Jul 69
ALKYLATION/ AMINO ACIDS, analysis/ ANIMAL EXPERIMENTS/ *ANTIBODIES/ *ANTIGENS/ BINDING SITES/ BLOOD PRESSURE/ CENTRIFUGATION, DENSITY GRADIENT/ CHEMISTRY/ FORMIC ACIDS/ GAMMA GLOBULIN, 7S/ HAPTENS/ HORSES/ IMMUNE SERUMS/ IMMUNIZATION/ IMMUNOELECTROPHORESIS/ IODINE ISOTOPES/ MODELS, STRUCTURAL/ OXYTOCIN/ RABBITS/ RADIOIMMUNOASSAY/ RATS/ SHEEP/ SULFIDES/ VASOMOTOR SYSTEM, drug effects/ *VASOPRESSIN/ VASOPRESSIN, analysis/ VASOPRESSIN, pharmacodynamics

4479. **Wurtman RJ, Anton-Tay F, Anton S**: On the use of synthesis inhibitors to estimate brain norepinephrine synthesis in gonadectomized rats.
Life Sci 8:1015-22, 1 Sep 69
ANIMAL EXPERIMENTS/ BRAIN, drug effects/ *BRAIN, metabolism/ *CASTRATION/ CEREBRAL VENTRICLES/ FEMALE/ INJECTIONS/ *METHYLTYROSINES, pharmacodynamics/ *NOREPINEPHRINE, biosynthesis/ NOREPINEPHRINE, metabolism/ RATS/ TRITIUM

4480. **Wurtman RJ, Shein HM, Axelrod J, et al**: Incorporation of 14C-tryptophan into 14C-protein by cultured rat pineals: stimulation by l-norepinephrine.
Proc Nat Acad Sci USA 62:749-55, Mar 69
AMINOISOBUTYRIC ACID, metabolism/ ANIMAL EXPERIMENTS/ CARBON ISOTOPES/ DOPAMINE, pharmacodynamics/ EPINEPHRINE, pharmacodynamics/ FEMALE/ HYDROXYINDOLEACETIC ACID, pharmacodynamics/ LEUCINE, metabolism/ MELATONIN, pharmacodynamics/ METHIONINE, metabolism/ NEURAL TRANSMISSION/ *NOREPINEPHRINE, pharmacodynamics/ PINEAL BODY, drug effects/ *PINEAL BODY, metabolism/ *PROTEINS, biosynthesis/ RATS/ SEROTONIN, pharmacodynamics/ TISSUE CULTURE/ *TRYPTOPHAN, metabolism

4481. **Wynn V, Doar JW**: Some effects of oral contraceptives on carbohydrate metabolism. Lancet 2:761-5, 11 Oct 69

BLOOD SUGAR, analysis/ *CARBOHYDRATES, metabolism/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ DIABETES MELLITUS, chemically induced/ ESTROGENS, pharmacodynamics/ FASTING/ FATTY ACIDS, NONESTERIFIED, blood/ FEMALE/ GLUCOSE TOLERANCE TEST/ HUMAN/ HYDROCORTISONE, blood/ INSULIN, blood/ PROGESTATIONAL HORMONES, pharmacodynamics/ PYRUVATES, blood

4482. **Wynn V, Mills GL, Doar JW, et al:** Fasting serum triglyceride, cholesterol, and lipoprotein levels during oral-contraceptive therapy.
Lancet 2:756-60, 11 Oct 69
ADOLESCENCE/ ADULT/ *CHOLESTEROL, blood/ CHYLOMICRONS, blood/ CONTRACEPTIVES, ORAL, administration & dosage/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ DIABETES MELLITUS, blood/ ESTROGENS, pharmacodynamics/ FASTING/ FEMALE/ GLUCOSE TOLERANCE TEST/ HUMAN/ *LIPOPROTEINS, blood/ MIDDLE AGE/ OBESITY, blood/ PARITY/ PROGESTATIONAL HORMONES, pharmacodynamics/ *TRIGLYCERIDES, blood

4483. **Wyse EP, Hill CS, Ibanez ML, et al:** Other malignant neoplasms associated with carcinoma of the thyroid: thyroid carcinoma multiplex. Cancer 24:701-8, Oct 69
*ADENOCARCINOMA, complications/ ADULT/ AGED/ *CARCINOMA, complications/ *CARCINOMA, PAPILLARY, complications/ FEMALE/ FOLLOW-UP STUDIES/ HUMAN/ MALE/ MIDDLE AGE/ *NEOPLASMS, MULTIPLE PRIMARY/ NEOPLASMS, MULTIPLE PRIMARY, occurrence/ STATISTICS/ *THYROID NEOPLASMS, complications

4484. **Wyss HI:** Ostriol-Ausscheidung bei der diabetischen Schwangeren.
Gynaecologia (Basel) 167:357-62, 1969 **(Ger)**
ADULT/ *ESTRIOL, urine/ FEMALE/ FETAL DEATH, prevention & control/ HUMAN/ INFANT MORTALITY/ PREGNANCY/ *PREGNANCY IN DIABETES, urine/ PRENATAL CARE

Y

4485. **Yachiku S:** [Effects of parathyroid hormone on the microsomal functions of rat kidney]
Jap J Urol 60:367-72, May 69 **(Jap)**
ADENOSINE TRIPHOSPHATASE, metabolism/ ALKALINE PHOSPHATASE, metabolism/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ GLUCOSEPHOSPHATASE, metabolism/ *KIDNEY, drug effects/ KIDNEY, enzymology/ LIVER, enzymology/ MALE/ *MICROSOMES, drug effects/ *PARATHYROID HORMONE, pharmacodynamics/ RATS

4486. **Yagimura T, Matsuda A, Murasawa Y, et al:** Presence of hypothalamo-pituitary testicular axis in the early postnatal period. Endocr Jap 16:5-10, Feb 69
*ANDROGENS, secretion/ ANIMAL EXPERIMENTS/ *ANIMALS, NEWBORN, physiology/ BODY WEIGHT/ CASTRATION/ GONADOTROPINS, CHORIONIC, pharmacodynamics/ GONADOTROPINS, EQUINE, pharmacodynamics/ GONADOTROPINS, PITUITARY, pharmacodynamics/ *HYPOTHALAMO-HYPOPHYSEAL SYSTEM, physiology/ INJECTIONS, SUBCUTANEOUS/ MALE/ ORGAN WEIGHT/ RATS/ STIMULATION, CHEMICAL/ TESTIS, drug effects/ *TESTIS, secretion/ TESTOSTERONE, pharmacodynamics/ TIME FACTORS

4487. **Yajima H, Okada Y, Kinomura Y, et al:** Studies on peptides. 23. Total synthesis of monkey beta-melanocyte-stimulating hormone.
Chem Pharm Bull (Tokyo) 17:1237-45, Jun 69
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY, PAPER/ ELECTROPHORESIS/ HUMAN/ MONKEYS/ *MSH, chem synthesis/ *PEPTIDES, chem synthesis

4488. **Yajima H, Okada Y, Kawatani H, et al:** Studies on peptides. XXII. Synthesis of the partially protected pentadecapeptide related to monkey and human beta-melanocyte-stimulating hormones.
Chem Pharm Bull (Tokyo) 17:1229-36, Jun 69
AMINO ACID SEQUENCE/ ANIMAL EXPERIMENTS/ CHROMATOGRAPHY/ HUMAN/ MONKEYS/ *MSH/ *PEPTIDES, chem synthesis

4489. **Yakata M:** [Laboratory diagnosis of hyperbilirubinemia. Biochemical examination on the Endocrinological function]
Jap J Clin Path 17:281-4, Apr 69 **(Jap)**
*ADRENAL CORTEX HORMONES, metabolism/ CHROMATOGRAPHY/ HUMAN/ *HYPERBILIRUBINEMIA, diagnosis/ HYPERBILIRUBINEMIA, metabolism/ *SEX HORMONES, metabolism

4490. **Yamada H, Yamada A, Hollander VP:** Role of cellular and humoral factors in the destruction of nascent plasma cell tumors. Cancer Res 29:1420-7, Jul 69
ANIMAL EXPERIMENTS/ ANTIBODIES/ ANTINEOPLASTIC AGENTS/ ELECTROPHORESIS/ FSH, pharmacodynamics/ *GLYCOPROTEINS, pharmacodynamics/ LH, pharmacodynamics/ MACROPHAGES/ MICE/ MINERAL OIL/ *MULTIPLE MYELOMA, prevention & control/ NEOPLASMS, EXPERIMENTAL, chemically induced/ *NEOPLASMS, EXPERIMENTAL, prevention & control/ PERITONEAL NEOPLASMS, prevention & control/ PHAGOCYTOSIS/ *PITUITARY HORMONES, ANTERIOR, pharmacodynamics/ *PLASMA CELLS/ THYROTROPIN, pharmacodynamics

4491. **Yamagami I, Suzuki Y, Ito M, et al:** [Influence of various drugs on tissue permeability]
Folia Pharmacol Jap 65:61-72, 20 Mar 69 **(Jap)**
AMINOPYRINE, pharmacodynamics/ ANIMAL EXPERIMENTS/ ANTI-INFLAMMATORY AGENTS, pharmacodynamics/ ANTIPYRINE, pharmacodynamics/ ASCORBIC ACID, pharmacodynamics/ BROMELAINS, pharmacodynamics/ CYSTEINE, pharmacodynamics/ DYES/ ENGLISH ABSTRACT/ FEMALE/ FUROSEMIDE, pharmacodynamics/ HISTAMINE, pharmacodynamics/ HYDROGEN-ION CONCENTRATION/ INJECTIONS, INTRADERMAL/ INJECTIONS, SUBCUTANEOUS/ METHODS/ PAPAIN, pharmacodynamics/ PENTOBARBITAL, pharmacodynamics/ PEPSIN, pharmacodynamics/ *PERMEABILITY/ *PHARMACOLOGY/ PHENYLBUTAZONE, pharmacodynamics/ PREDNISOLONE, pharmacodynamics/ RATS/ RUTIN, pharmacodynamics/ SALICYLATES, pharmacodynamics/ SALICYLIC ACID, pharmacodynamics/ *SKIN, drug effects/ SKIN ABSORPTION, drug effects/ TIME FACTORS

4492. **Yamamoto K, Hasegawa T, Miyazaki M, et al:** Control of renin secretion in the anesthetized dog. 2. Relationship between renin secretion, plasma sodium concentration and GFR in the perfused kidney.
Jap Circ J 33:593-600, Jun 69
ANESTHESIA/ ANIMAL EXPERIMENTS/ BLOOD CHEMICAL ANALYSIS/ BLOOD FLOW VELOCITY/ BLOOD PRESSURE/ CENTRIFUGATION/ DOGS/ ELECTROLYTES, urine/ *GLOMERULAR FILTRATION RATE/ HEART, MECHANICAL/ HEMATOCRIT/ HEMODYNAMICS/ HEPARIN, pharmacodynamics/ INJECTIONS, INTRAVENOUS/ KIDNEY, blood supply/ KIDNEY, physiology/ *KIDNEY, secretion/ NERVOUS SYSTEM, surgery/ PERFUSION/ POTASSIUM, urine/ RATS/ *RENIN, secretion/ *SODIUM, blood/ SODIUM, urine/ TIME FACTORS/ TRANSDUCER/ URINE, analysis

4493. **Yamamoto K, Sawada T, Naito Y, et al:** [Neuropharmacologic study on the effect of nitrazepam on the central nervous system]
Brain Nerve (Tokyo) 21:488-502, May 69 **(Jap)**

AGGRESSION, drug effects/ AMYGDALOID BODY, drug effects/ ANIMAL EXPERIMENTS/ APPETITIVE BEHAVIOR, drug effects/ BEHAVIOR, ANIMAL, drug effects/ *BENZAZEPINES, pharmacodynamics/ *BRAIN, drug effects/ BRAIN, physiology/ CATS/ CEREBRAL CORTEX, drug effects/ CHLORDIAZEPOXIDE, pharmacodynamics/ DEFENSE MECHANISMS, drug effects/ DOGS/ ELECTRIC STIMULATION/ ELECTROENCEPHALOGRAPHY/ ENGLISH ABSTRACT/ EVOKED POTENTIALS/ FEMALE/ GROOMING, drug effects/ HIPPOCAMPUS, drug effects/ *HYPNOTICS AND SEDATIVES, pharmacodynamics/ HYPOTHALAMUS, drug effects/ MALE/ MESENCEPHALON, drug effects/ MONKEYS/ PARALYSIS, chemically induced/ PHENOBARBITAL, pharmacodynamics/ RETICULAR FORMATION, drug effects/ *SLEEP, drug effects/ VOMITING, chemically induced

4494. **Yamanaka H, Furuya N, Shimazaki J, et al:** Effects of testosterone administration on RNA synthesis in kidney of castrated rats. Endocr Jap 16:29-36, Feb 69
ANIMAL EXPERIMENTS/ *CASTRATION/ CELL NUCLEUS/ CHROMATOGRAPHY/ INJECTIONS, INTRAMUSCULAR/ *KIDNEY, metabolism/ MALE/ NUCLEIC ACIDS, isolation & purification/ PHOSPHORUS ISOTOPES/ RATS/ RIBOSOMES/ RNA, analysis/ *RNA, biosynthesis/ RNA, SOLUBLE, biosynthesis/ SERUM ALBUMIN, analysis/ SODIUM/ SULFATES/ TEMPERATURE/ TESTOSTERONE, pharmacodynamics/ *TESTOSTERONE, pharmacodynamics/ TIME FACTORS

4495. **Yamanaka Y:** [Factors determining extinction resistance of intracranial self-stimulation---frequency of reinforcement and time factors after the last reinforcement] Jap J Psychol 40:76-84, Jun 69 (Jap)
ANIMAL EXPERIMENTS/ *BRAIN, physiology/ CONDITIONING, OPERANT/ ELECTRIC STIMULATION/ ENGLISH ABSTRACT/ *EXTINCTION (PSYCHOLOGY)/ HYPOTHALAMUS, physiology/ LEARNING/ RATS/ *REINFORCEMENT (PSYCHOLOGY)/ *SELF STIMULATION/ TIME FACTORS

4496. **Yamase K:** [Surgical anatomy of the abdomen: inguinal region] Shujutsu 23:232-45, Feb 69 (Jap)
ABDOMINAL WALL, anatomy & histology/ HUMAN/ *INGUINAL CANAL, anatomy & histology/ INGUINAL HERNIA, surgery/ MALE/ TESTIS, anatomy & histology

4497. **Yamashita K:** [Functional classification and postnatal development of the anterior pituitary cells in mice] Clin Endocr (Tokyo) 17:482-91, Jun 69 (42 ref.) (Jap)
ANIMAL EXPERIMENTS/ CATTLE/ CORTICOTROPIN, secretion/ ESTRADIOL, pharmacodynamics/ FEMALE/ FSH, secretion/ LH, secretion/ MALE/ MICE/ MICROSCOPY, ELECTRON/ *PITUITARY GLAND, cytology/ *PITUITARY GLAND, growth & development/ PITUITARY GLAND, secretion/ PROLACTIN, secretion/ REVIEW/ SOMATOTROPIN, secretion/ THYROTROPIN, secretion

4498. **Yamazaki K, Yamashita I, Moroji T, et al:** Plasma 17-hydroxycorticosteroids response to pyrogen: a contribution to the standardization of the pyrogen test. Endocr Jap 16:391-7, Jun 69
ADULT/ BODY TEMPERATURE, drug effects/ BODY WEIGHT/ CIRCADIAN RHYTHM, drug effects/ FEMALE/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, blood/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, drug effects/ MALE/ PARESIS, blood/ *PYROGENS, pharmacodynamics/ STIMULATION, CHEMICAL

4499. **Yamori Y, Matsumoto M, Yamabe H, et al:** Augmentation of spontaneous hypertension by chronic stress in rats. Jap Circ J 33:399-409, Apr 69
ACOUSTIC TRAUMA, complications/ ADRENAL GLANDS, pathology/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE/ BODY WEIGHT/ CEREBRAL HEMORRHAGE, etiology/ COLD/ ELECTRIC STIMULATION/ FEMALE/ HEMORRHAGE, etiology/ HEMORRHAGE, pathology/ *HYPERTENSION, etiology/ HYPERTENSION, pathology/ HYPERTROPHY/ IMMOBILIZATION/ INFARCTION/ LIGHT/ MALE/ NEPHROSCLEROSIS, etiology/ NEPHROSCLEROSIS, pathology/ ORGAN WEIGHT/ PERIARTERITIS NODOSA, etiology/ PERIARTERITIS NODOSA, pathology/ POSTURE/ RATS/ RETINAL HEMORRHAGE, etiology/ *STRESS, complications/ THYMUS GLAND, pathology

4500. **Yamori Y, Okamoto K:** Hypothalamic tonic regulation of blood pressure in spontaneously hypertensive rats. Jap Circ J 33:509-19, May 69
ANIMAL EXPERIMENTS/ ATROPINE/ *BLOOD PRESSURE/ ELECTRIC STIMULATION/ ELECTROCARDIOGRAPHY/ HEART RATE/ HYPERTENSION, etiology/ *HYPERTENSION, physiopathology/ HYPOTHALAMUS, pathology/ *HYPOTHALAMUS, physiopathology/ KYMOGRAPHY/ MANOMETRY/ MESENCEPHALON, physiopathology/ PLETHYSMOGRAPHY/ RATS/ STEREOTAXIC TECHNICS, instrumentation/ SYMPATHETIC NERVOUS SYSTEM, physiopathology

4501. **Yanagi I, Okuda H, Fujii S:** Transport of calcium into adipose tissue in response to adrenocorticotropic hormone. J Biochem (Tokyo) 66:99-100, Jul 69
*ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ *CALCIUM, metabolism/ CALCIUM ISOTOPES/ *CORTICOTROPIN, pharmacodynamics/ IN VITRO/ INSULIN, pharmacodynamics/ IONS/ LIVER, metabolism/ RATS/ TIME FACTORS

4502. **Yang HF, Chen FW, Chen CC:** I131 treatment for toxic diffuse goiter: analysis of 1056 cured cases. J Formosan Med Ass 68:94-105, 28 Feb 69
ADOLESCENCE/ ADULT/ AGED/ FEMALE/ *GOITER, EXOPHTHALMIC, radiotherapy/ GOITER, EXOPHTHALMIC, therapy/ HUMAN/ *IODINE ISOTOPES, therapeutic use/ MALE/ MIDDLE AGE/ RADIOTHERAPY DOSAGE/ SEX FACTORS/ THYROIDECTOMY

4503. **Yang ST, Deal WC Jr:** Metabolic control and structure of glycolytic enzymes. VII. Destabilization and inactivation of yeast glyceraldehyde 3-phosphate dehydrogenase by adenosine phosphates and chymotrypsin. Biochemistry (Wash) 8:2814-20, Jul 69
ADENINE/ ADENINE NUCLEOTIDES/ ADENOSINE CYCLIC 3',5'-PHOSPHATE/ *ADENOSINE TRIPHOSPHATE/ CHEMISTRY/ *CHYMOTRYPSIN/ DRUG STABILITY/ *GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE/ GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE, antagonists & inhibitors/ KINETICS/ MAGNESIUM/ NAD/ NUCLEOSIDES/ NUCLEOTIDES/ *SACCHAROMYCES, enzymology/ TEMPERATURE/ TIME FACTORS

4504. **Yang ST, Deal WC Jr:** Metabolic control and structure of glycolytic enzymes. VI. Competitive inhibition of yeast glyceraldehyde 3-phosphate dehydrogenase by cyclic adenosine monophosphate, adenosine triphosphate, and other adenine-containing compounds. Biochemistry (Wash) 8:2806-13, Jul 69
ADENINE/ *ADENINE NUCLEOTIDES/ ADENOSINE CYCLIC 3',5'-PHOSPHATE/ *ADENOSINE TRIPHOSPHATE/ CHEMISTRY/ *GLYCERALDEHYDEPHOSPHATE DEHYDROGENASE, antagonists & inhibitors/ KINETICS/ *NAD/ NADP/ NICOTINAMIDE/ NUCLEOSIDES/ NUCLEOTIDES/ PROTEIN BINDING/ PYRIDINES/ *SACCHAROMYCES, enzymology/ SPECTROPHOTOMETRY

4505. **Yano S:** [On the effect of catecholamines on synthesis and secretion of oxytocin] Saishin Igaku 24:1026-30, May 69 (Jap)
ANIMAL EXPERIMENTS/ CATECHOLAMINES, pharmacodynamics/

CYCLOHEXIMIDE, pharmacodynamics/ IN VITRO/ ISOPROTERENOL, pharmacodynamics/ MALE/ NOREPINEPHRINE, pharmacodynamics/ *OXYTOCIN, biosynthesis/ *OXYTOCIN, secretion/ PHENOXYBENZAMINE, pharmacodynamics/ PITUITARY GLAND, POSTERIOR, secretion/ RATS/ RESERPINE, pharmacodynamics/ TIME FACTORS

4506. **Yasukochi H:** [The thyroid gland--computer diagnosis of the thyroid scintigrams]
Jap J Cancer Clin 15:228-32, Mar 69 (Jap)
COMPUTERS, utilization/ HUMAN/ IODINE ISOTOPES/ *RADIOISOTOPE SCANNING/ *THYROID DISEASES, diagnosis/ *THYROID NEOPLASMS, diagnosis

4507. **Yde H:** A comparative study of the sulfation factor and immunodetectable growth hormone in serum.
Acta Endocr (Kobenhavn) 62:49-55, Sep 69
ACROMEGALY, blood/ BIOLOGICAL ASSAY/ *BLOOD/ DIABETES MELLITUS, blood/ DIABETIC ANGIOPATHIES, blood/ HUMAN/ HYPOPHYSECTOMY/ METHODS/ RADIOIMMUNOASSAY/ *SOMATOTROPIN, blood/ *SULFUR, metabolism

4508. **Yen TF, Davar M, Rembaum A:** The structure of heparin: interaction of heparin with basic dyes by visible spectrometry.
Biochim Biophys Acta 184:646-8, 2 Sep 69
ADENYL CYCLASE/ CHEMISTRY/ *DYES/ *HEPARIN/ HYDROGEN-ION CONCENTRATION/ KINETICS/ METHYLENE BLUE/ ROSANILINE DYES/ SPECTRUM ANALYSIS

4509. **Ylikahri RH, Mäenpää PH, Hassinen IE:** Ethanol-induced changes of cytoplasmic rex state as modified by thyroxine treatment.
Ann Med Exp Biol Fenn 46:137-42, 1968
*ALCOHOL, ETHYL, pharmacodynamics/ ANIMAL EXPERIMENTS/ CARBON DIOXIDE, metabolism/ GLUCOSE, metabolism/ IN VITRO/ LACTATES, metabolism/ *LIVER, metabolism/ MALE/ *OXYGEN CONSUMPTION, drug effects/ PYRUVATES, metabolism/ RATS/ *THYROXINE, pharmacodynamics/ TIME FACTORS

4510. **Yogo I:** Biological properties of human chorionic gonadotropin. Endocr Jap 16:215-25, Apr 69
ALCOHOL, ETHYL/ ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ CHORIOCARCINOMA, urine/ CHROMATOGRAPHY/ DEAE-CELLULOSE/ ELECTROPHORESIS/ FEMALE/ FSH, analysis/ *GONADOTROPINS, CHORIONIC, pharmacodynamics/ GONADOTROPINS, CHORIONIC, urine/ HUMAN/ HYDATIDIFORM MOLE, urine/ HYPOPHYSECTOMY/ KAOLIN/ LH, analysis/ ORGAN WEIGHT/ *OVARY, drug effects/ OVARY, pathology/ PREGNANCY/ RATS/ STARCH

4511. **Yokoyama M, Takayasu H:** An electron microscopic study of the human adrenal medulla and pheochromocytoma. Urol Int 24:79-95, 1969
*ADRENAL GLAND NEOPLASMS, pathology/ *ADRENAL MEDULLA, cytology/ ADULT/ CATECHOLAMINES, analysis/ GOLGI APPARATUS/ HISTOCYTOCHEMISTRY/ HUMAN/ MICROSCOPY, ELECTRON/ *PHEOCHROMOCYTOMA, pathology

4512. **Yonemoto RH, Du Sold WD, Deliman RM:** Homotransplantation of uterus and ovaries in dogs. A preliminary report.
Amer J Obstet Gynec 104:1143-51, 15 Aug 69
ANIMAL EXPERIMENTS/ AZATHIOPRINE, therapeutic use/ BIOPSY/ DOGS/ ENDOMETRIUM, pathology/ FEMALE/ HISTOCOMPATIBILITY/ MALE/ OVARY, pathology/ *OVARY, transplantation/ *TRANSPLANTATION, HOMOLOGOUS/ TRANSPLANTATION, HOMOLOGOUS, mortality/ UTERUS, pathology/ *UTERUS, transplantation/ VASCULAR SURGERY

4513. **Yoshida H:** [Advances and problem in measurement of hormones: anti-diuretic hormone (ADH)]
Clin Endocr (Tokyo) 17:270-3, Apr 69 (32 ref.) (Jap)
ANIMAL EXPERIMENTS/ BIOLOGICAL ASSAY/ ELECTROPHORESIS/ GEL DIFFUSION TESTS/ HEMAGGLUTINATION TESTS/ IMMUNOASSAY/ INJECTIONS, SUBCUTANEOUS/ METHODS/ OXYTOCIN, analysis/ RABBITS/ RATS/ REVIEW/ *VASOPRESSIN, analysis

4514. **Yoshida S, Saito T, Murase T:** [Syndrome of inappropriate secretion of ADH (anti-diuretic hormone)]
Jap J Clin Med 27:1171-8, Apr 69 (43 ref.) (Jap)
CENTRAL NERVOUS SYSTEM DISEASES, complications/ CHILD/ EDEMA, complications/ ENDOCRINE DISEASES, etiology/ ENDOCRINE DISEASES, metabolism/ HUMAN/ HYPONATREMIA, etiology/ HYPOPITUITARISM, complications/ LUNG DISEASES, complications/ MALE/ MIDDLE AGE/ NEOPLASMS, complications/ REVIEW/ VASOPRESSIN, metabolism/ *VASOPRESSIN, secretion

4515. **Yoshida S, Saito T, Murase T, et al:** [Study of volume receptors on the secretion of antidiuretic hormone and its ascending pathways]
Saishin Igaku 24:1031-3, May 69 (Jap)
ANIMAL EXPERIMENTS/ DOGS/ HEMORRHAGE, blood/ HYPERTONIC SOLUTIONS/ JUGULAR VEIN, physiology/ *RECEPTORS, NEURAL, physiology/ VAGUS NERVE, physiology/ VASOPRESSIN, blood/ *VASOPRESSIN, secretion

4516. **Yoshida T:** [Experimental study on fluctuation in hexosamine levels in the cartilage, serum and urine, with special reference to its relations to bone growth]
J Jap Orthop Ass 43:37-50, Jan 69 (Jap)
ANIMAL EXPERIMENTS/ ASCORBIC ACID DEFICIENCY, metabolism/ *BONE DEVELOPMENT/ CARTILAGE, drug effects/ *CARTILAGE, metabolism/ CORTISONE, pharmacodynamics/ FEMALE/ GALACTOSE, metabolism/ HEXOSAMINES, blood/ *HEXOSAMINES, metabolism/ HEXOSAMINES, urine/ HYPOPHYSECTOMY/ MALE/ PAPAIN, pharmacodynamics/ RABBITS/ RATS

4517. **Yoshida T, Kamata S, Tanaka H, et al:** [Development of methods for determination of steroids using impregnant thin layer chromatography]
Clin Endocr (Tokyo) 17:542-6, Jun 69 (Jap)
ALCOHOL, METHYL/ *CHROMATOGRAPHY, THIN LAYER/ GLYCOLS/ METHODS/ SILICA/ *STEROIDS, isolation & purification

4518. **Yoshida T, Suzuki K, Yasuda K, et al:** [Hemodynamic action of octapressin during halothane aneshtesia]
Jap J Anesth 18:216-20, Mar 69 (Jap)
*ANESTHESIA, INHALATION/ ANIMAL EXPERIMENTS/ DOGS/ *HALOTHANE/ *HEMODYNAMICS, drug effects/ PHELYPRESSIN, pharmacodynamics/ *VASOPRESSIN, pharmacodynamics

4519. **Yoshii H:** [Experimental studies on radioactive strontium-85]
J Kumamoto Med Soc 43:427-43, 25 May 69 (Jap)
AGE FACTORS/ ANIMAL EXPERIMENTS/ BONE AND BONES, analysis/ *BONE AND BONES, metabolism/ FECES, analysis/ INTESTINE, SMALL, metabolism/ KIDNEY, metabolism/ *LIVER, metabolism/ LUNG, metabolism/ MUSCLES, metabolism/ RABBITS/ RATS/ SPLEEN, metabolism/ STRONTIUM ISOTOPES, analysis/ *STRONTIUM ISOTOPES, metabolism/ STRONTIUM ISOTOPES, urine/ TIME FACTORS

4520. **Yoshimura F, Ishikawa H:** Identification of the thyrotrophs with the gonadotrophs in the anterior pituitaries of thyroidectomized rats.
Endocr Jap 16:69-85, Feb 69
ADRENAL GLANDS/ ANIMAL EXPERIMENTS/ BASOPHILS/ BODY WEIGHT/ CASTRATION/ *GONADOTROPINS/ MALE/ ORGAN WEIGHT/ PHOTOGRAPHY/

*PITUITARY GLAND, cytology/ RATS/ TESTIS/ *THYROIDECTOMY/ THYROTROPIN/ TIBIA/ TIME FACTORS

4521. **Yoshimura K, Hiroshige T, Itoh S:** Lipolytic action of serotonin in brown adipose tissue in vitro.
Jap J Physiol 19:176-86, 15 Apr 69
ADENOSINE CYCLIC 3',5'-PHOSPHATE, metabolism/ *ADIPOSE TISSUE, metabolism/ ANIMAL EXPERIMENTS/ BROWN FAT, analysis/ BROWN FAT, metabolism/ EPIDIDYMIS, metabolism/ ESTERS, metabolism/ FATTY ACIDS, NONESTERIFIED, metabolism/ GLYCERIDES, analysis/ IN VITRO/ *LIPIDS, metabolism/ MALE/ MESENTERY, metabolism/ MONOAMINE OXIDASE INHIBITORS, pharmacodynamics/ OXYGEN CONSUMPTION/ PHOSPHATASES, antagonists & inhibitors/ RATS/ SEROTONIN, pharmacodynamics/ *SEROTONIN, physiology/ THEOPHYLLINE, pharmacodynamics

4522. **Yoshizawa I, Fishman J:** Conjugation of 2-hydroxyestrone in man.
J Clin Endocr 29:1123-5, Aug 69
ADULT/ BIOTRANSFORMATION/ ESTRADIOL, metabolism/ *ESTROGENS, metabolism/ FEMALE/ *GLUCURONATES, metabolism/ HUMAN/ MALE/ METHYLATION/ *SULFATES, metabolism/ TRANSFERASES, metabolism/ TRITIUM

4523. **Young DG, Hall PF:** The side-chain cleavage of cholesterol and cholesterol sulfate by enzymes from bovine adrenocortical mitochondria.
Biochemistry (Wash) 8:2987-97, Jul 69
ADRENAL GLANDS, cytology/ *ADRENAL GLANDS, enzymology/ ANIMAL EXPERIMENTS/ CATTLE/ *CHOLESTEROL, metabolism/ CHROMATOGRAPHY, GAS/ COUNTERCURRENT DISTRIBUTION/ CRYSTALLIZATION/ *CYTOCHROMES, metabolism/ DETERGENTS/ DIMETHYLFORMAMIDE/ ELECTRON TRANSPORT/ IRON, metabolism/ KINETICS/ *MITOCHONDRIA, enzymology/ MITOCHONDRIA, metabolism/ NADP/ *OXIDOREDUCTASES, metabolism/ PREGNENOLONE, biosynthesis/ PREGNENOLONE, isolation & purification/ SERUM ALBUMIN, BOVINE/ SULFATES, biosynthesis/ SULFATES, metabolism/ TIME FACTORS/ TRITIUM

4524. **Younger JB, St. Pierre RL, Zmijewski CM:** Effect of human chorionic gonadotropin on antibody production. Amer J Obstet Gynec 105:9-13, 1 Sep 69
ANIMAL EXPERIMENTS/ ANTIBODIES, analysis/ *ANTIBODY FORMATION, drug effects/ *GONADOTROPINS, CHORIONIC, pharmacodynamics/ LEUKOCYTE COUNT/ LYMPH NODES/ LYMPHOCYTES/ MALE/ MICE/ ORGAN WEIGHT/ PREGNANCY/ SPLEEN/ THYMUS GLAND

4525. **Yunibhand P:** Enlarged satellites and other variants of chromosome structure in a Swiss family.
J Genet Hum 17:115-26, May 69
ADULT/ BLOOD GROUPS/ CHROMOSOME ABERRATIONS/ CHROMOSOME MAPPING/ *CHROMOSOMES, HUMAN, 16-18/ *CHROMOSOMES, HUMAN, 21-22/ FEMALE/ HUMAN/ KARYOTYPING/ MALE/ PEDIGREE/ SEX CHROMOSOMES

Z

4526. **Zaffagnini F:** Rudimentary hermaphroditism and automictic parthenogenesis in Limnadia lenticularis (Phyllopoda, Conchostraca).
Experientia 25:650-1, 15 Jun 69
ANIMAL EXPERIMENTS/ *CRUSTACEA/ DIPLOIDY/ FEMALE/ GENITALIA, anatomy & histology/ *HERMAPHRODITISM/ MEIOSIS/ *PARTHENOGENESIS

4527. **Zaffiri O, Del Prete D, Staldi GF:** Anatomo-fisiopatologia del dolore.
Minerva Anest 33:820-8, Nov 67 (Ita)
HISTAMINE/ HUMAN/ KININS/ PAIN, chemically induced/ PAIN, classification/ *PAIN, physiopathology/ *PERCEPTION/ RECEPTORS, NEURAL, anatomy & histology/ *RECEPTORS, NEURAL, physiopathology/ SEROTONIN/ THALAMUS, physiology

4528. **Zagrobelny Z, Bielicki F:** Przygotowanie nadczynnego wola do operacji za pomocą neuroleptoanalgezji II. Doniesienie wstępne. Endokr Pol 20:267-71, 1969 (Pol)
BENPERIDOL, therapeutic use/ ENGLISH ABSTRACT/ FENTANYL, therapeutic use/ *GOITER, EXOPHTHALMIC, surgery/ HUMAN/ *NEUROLEPTOANALGESIA/ *PREOPERATIVE CARE

4529. **Zaitseva KK, Kleinbok VE:** Kolichestvennaia otsenka soderzhaniia lipidov i ketosteroidov v kore nadpochechnikov s pomoshch'iu ustanovki POOS-1.
Arkh Pat 30:71-5, 1968 (Rus)
*ADRENAL GLANDS, analysis/ ANIMAL EXPERIMENTS/ CHOLINESTERASE, analysis/ DNA, analysis/ ENGLISH ABSTRACT/ *HISTOCYTOCHEMISTRY, instrumentation/ *17-KETOSTEROIDS, analysis/ *LIPIDS, analysis/ METHODS/ MICE/ RNA, analysis

4530. **Zak KP, Naumenko NI:** Mtodk okak adpochechnikov Shiff-khiorny hiezom.
Probl Endokr (Moskva) 15:66-70, Jan-Feb 69 (Rus)
ACETIC ACIDS/ *ADRENAL GLANDS/ ANILINE COMPOUNDS/ ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *HISTOCYTOCHEMISTRY/ METHODS/ *STAINS AND STAINING

4531. **Zak T, Tarnawski R:** Aspartate carbamoyltransferase activity (ec 2.1.3.2) in rat organs.
Arch Immun Ther Exp 17:338-41, 1969
ANIMAL EXPERIMENTS/ *ASPARTIC ACID/ BRAIN, enzymology/ HEART, enzymology/ INTESTINE, SMALL, enzymology/ KIDNEY, enzymology/ LIVER, enzymology/ LUNG, enzymology/ MUSCLES, enzymology/ NUCLEIC ACIDS, biosynthesis/ PANCREAS, enzymology/ PYRIMIDINES, biosynthesis/ RATS/ SPLEEN, enzymology/ TESTIS, enzymology/ *TRANSFERASES/ UTERUS, enzymology

4532. **Zaki OA, Long C:** Effects of adrenalectomy on the changes in cholesterol levels in rats induced by Walterinnesia venom. Toxicon 6:255-61, May 69
ADRENAL GLANDS, analysis/ *ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ *CHOLESTEROL, analysis/ CHOLESTEROL, blood/ ERYTHROCYTES, drug effects/ ESTERS, analysis/ HEMOLYSIS/ IN VITRO/ MALE/ RATS/ *SNAKES/ *VENOMS, pharmacodynamics

4533. **Zamrazil V, Váňa S, Němec J:** Changes in the ankle jerk time during the course of radioiodine treatment of hyperthyroidism.
Rev Franc Etud Clin Biol 14:377-80, Apr 69
*ACHILLES TENDON/ ADULT/ AGED/ CARBIMAZOLE, therapeutic use/ FEMALE/ HUMAN/ *HYPERTHYROIDISM, radiotherapy/ *IODINE ISOTOPES, therapeutic use/ MALE/ MIDDLE AGE/ *REFLEX, TENDON/ THYROID GLAND FUNCTION TESTS/ TIME FACTORS

4534. **Zañartu J, Pupkin M, Rosenberg D, et al:** Estudio morfológico del ovario humano bajo el efecto de algunos esteroides y del dispositivo intrauterino, usados para el control de la fertilidad.
Rev Med Chile 95:512-21, Sep 67 (Spa)
ADULT/ ENGLISH ABSTRACT/ *ESTROGENS, pharmacodynamics/ FEMALE/ HUMAN/ *INTRAUTERINE DEVICES/ *OVARY, drug effects/ *OVULATION, drug effects/ *PROGESTATIONAL HORMONES, pharmacodynamics

4535. **Zander J:** Medikamentöse Ovulationsauslösungen.
Arch Gynaek 207:406-9, 1969 (Ger)
*CLOMIPHENE, pharmacodynamics/ *ESTROGENS, pharmacodynamics/ FEMALE/ *GONADOTROPINS, pharmacodynamics/ GONADOTROPINS, PITUITARY,

pharmacodynamics/ HUMAN/ MENOPAUSE/ *OVULATION, drug effects/ *PROGESTATIONAL HORMONES, pharmacodynamics

4536. Zannelli C: La citremia in ovodeposizione, nel pollo. Arch Vet Ital 18:415-8, 31 Dec 67 (Ita)
*CHICKENS, physiology/ *CITRATES, blood/ ENGLISH ABSTRACT/ *OVULATION

4537. Zanoli PG, Galmarini D, Riquier G, et al: Renal phlebography under renal venous blockade. S Afr Med J 43:840-2, 5 Jul 69
ADENOCARCINOMA, radiography/ ADRENAL GLANDS, radiography/ CATHETERIZATION/ COLLATERAL CIRCULATION/ FLUOROSCOPY/ HUMAN/ *KIDNEY, blood supply/ KIDNEY NEOPLASMS, radiography/ KIDNEY, POLYCYSTIC, radiography/ *PHLEBOGRAPHY/ TECHNOLOGY, RADIOLOGIC/ *UROGRAPHY/ *VASCULAR DISEASES, radiography/ VEINS

4538. Zanoli PG, Trivellini G, Galmarini D, et al: L'interesse del cateterismo e della flebografia della vena renale sinistra. Arch Ital Chir 94:681-9, 1968 (Ita)
*ADRENAL GLAND DISEASES, radiography/ *CATHETERIZATION/ HEMODYNAMICS/ HUMAN/ HYPERTENSION, PORTAL, radiography/ KIDNEY, blood supply/ *KIDNEY DISEASES, radiography/ *PHLEBOGRAPHY/ *RENAL VEINS, radiography

4539. Zappi E: Characteristics of the reactivity of thyronine, tyrosine and some iodinated derivatives of these substances in the presence of the ferric ferricyanide-arsenious acid reagent. J Chromatogr 42:524-31, 22 Jul 69
ARSENIC/ CHEMISTRY/ DENSITOMETRY/ FERRICYANIDES/ *INDICATORS AND REAGENTS/ IODINE/ *THYRONINE/ *TYROSINE

4540. Zappia V, Zydek-Cwick R, Schlenk F: The specificity of S-adenosylmethionine derivatives in methyl transfer reactions. J Biol Chem 244:4499-509, 25 Aug 69
ANIMAL EXPERIMENTS/ ASPERGILLUS, enzymology/ BINDING SITES/ BRAIN, enzymology/ BUTYRATES/ CARBOXY-LYASES/ CHEMISTRY/ CHROMATOGRAPHY, ION EXCHANGE/ CHROMATOGRAPHY, PAPER/ CHROMATOGRAPHY, THIN LAYER/ ELECTROPHORESIS/ ESCHERICHIA COLI, enzymology/ FEEDBACK/ GUINEA PIGS/ HISTAMINE/ HOMOCYSTEINE/ ISOMERASES/ *METHIONINE/ METHYLATION/ NUCLEOSIDES/ SACCHAROMYCES, enzymology/ SEROTONIN/ SPECTROPHOTOMETRY/ *TRANSFERASES/ TRANSFERASES, antagonists & inhibitors/ ULTRAVIOLET RAYS

4541. Zara E: Introduzione al simposio sulla "biologia delle distimie". Osped Psichiat 36:368-76, Jul-Dec 68 (Ita)
ELECTROENCEPHALOGRAPHY/ *ENDOCRINE DISEASES, complications/ HUMAN/ *MENTAL DISORDERS, etiology/ MENTAL DISORDERS, familial & genetic/ MENTAL DISORDERS, metabolism/ PSYCHOPHARMACOLOGY/ *PSYCHOSOMATIC MEDICINE

4542. Zaretskaia II, Kogan LM, Sys ZhD, et al: Dezatsetilirovanie atsetatov steroidov pri pomoshchi Proactinomyces turbata. Mikrobiologiia 37:430-2, May-Jun 68 (Rus)
*ACETATES, metabolism/ *ACTINOMYCETALES, metabolism/ ANDROSTANES, metabolism/ CHEMISTRY/ ENGLISH ABSTRACT/ PREGNANES, metabolism/ *STEROIDS, metabolism

4543. Zaretskiĭ MM, Vakhtina TI: Belkovyĭ sostav krovi i vydelenie krtikosteroidov u bol'nykh aterosklerotícheskim kardioskierozom s khronicheskoĭ nedostatochnost'iu krovoobrashchenila. Kardiologiia 9:49-53, Feb 69 (Rus)
*ADRENAL CORTEX HORMONES, urine/ *BLOOD PROTEINS/ *CORONARY DISEASE, blood/ *CORONARY DISEASE, complications/ CORONARY DISEASE, metabolism/ *CORONARY DISEASE, urine/ DEHYDROEPIANDROSTERONE, urine/ ENGLISH ABSTRACT/ FEMALE/ *HEART FAILURE, CONGESTIVE, complications/ HEART FAILURE, CONGESTIVE, metabolism/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ 17-KETOSTEROIDS, urine/ MALE/ METHODS

4544. Zaslavskaia RM: Antiserotoninovoe deĭstvie nekotorykh farmakologicheskikh veshchestv na sosudy legkikh i bronkhov. Kardiologiia 9:107-11, Jun 69 (Rus)
AMINOPHYLLINE, pharmacodynamics/ AMINOPHYLLINE, therapeutic use/ ANALGESICS AND ANTIPYRETICS, therapeutic use/ ANIMAL EXPERIMENTS/ ANTIHISTAMINICS/ ATROPINE, therapeutic use/ BLOOD PRESSURE, drug effects/ BRONCHIAL SPASM, chemically induced/ *BRONCHIAL SPASM, drug therapy/ ENGLISH ABSTRACT/ EPINEPHRINE, antagonists & inhibitors/ FIBRINOLYSIN, therapeutic use/ GLYCERYL TRINITRATE, therapeutic use/ HUMAN/ HYPERTENSION, PULMONARY, chemically induced/ *HYPERTENSION, PULMONARY, drug therapy/ INJECTIONS, INTRAVENOUS/ IPRONIAZID, therapeutic use/ METHODS/ MORPHINE, therapeutic use/ MUSCLE RELAXANTS/ PAPAVERINE, therapeutic use/ PHENOTHIAZINES, therapeutic use/ PIPERIDINES, therapeutic use/ *PULMONARY CIRCULATION, drug effects/ RATS/ RESERPINE, therapeutic use/ *SEROTONIN, antagonists & inhibitors/ VASCULAR RESISTANCE, drug effects/ VASODILATOR AGENTS, therapeutic use

4545. Zatulovs'kiĭ BG: Pro pervynee vyluchennia ryketsliĭ provacheka v bioprobakh na mors'kykh svynakakh. Mikrobiol Zh (Kiev) 29:215-8, May-Jun 67 (Ukr)
ANIMAL EXPERIMENTS/ CHICK EMBRYO/ ENGLISH ABSTRACT/ GUINEA PIGS/ *KIDNEY, microbiology/ *RICKETTSIA PROWAZEKII, isolation & purification/ *SPLEEN, microbiology/ *TESTIS, microbiology

4546. Zauberman H, Chaco J, Magora A: Electromyography of the extraocular muscles in exophthalmos. A contribution to the problem of differential diagnosis. Israel J Med Sci 5:378-82, May-Jun 69
ADULT/ AGED/ DIAGNOSIS, DIFFERENTIAL/ ELECTROMYOGRAPHY/ *EXOPHTHALMOS, diagnosis/ EXOPHTHALMOS, etiology/ FEMALE/ GOITER, EXOPHTHALMIC, diagnosis/ HUMAN/ MALE/ MIDDLE AGE/ MYOPIA, diagnosis

4547. Zavodskaia IS, Moreva EV, Bul'on VV: Izmenenie orticheskoĭ plotnosti mitokhondriĭ v slizistoĭ obolochke zheludka i v pecheni pri neĭrogennykh distrofiiakh. Biull Eksp Biol Med 67:33-5, Feb 69 (Rus)
ANIMAL EXPERIMENTS/ DENSITOMETRY/ DUODENUM, innervation/ ENGLISH ABSTRACT/ *GASTRIC MUCOSA/ HYPOTHALAMUS/ MALE/ MICROSCOPY, ELECTRON/ *MITOCHONDRIA/ MITOCHONDRIA, LIVER/ RABBITS/ STOMACH, innervation/ *STOMACH DISEASES

4548. Zdorodovskiĭ PF: Matrichno-geneticheskaia teoriia immunogeneza i neĭro-gumoral'naia reguliatsiia antiteloobrazovaniia. Zh Mikrobiol 44:3-14, Jul 67 (74 ref.) (Rus)
ADRENAL CORTEX HORMONES, biosynthesis/ ANIMAL EXPERIMENTS/ *ANTIBODY FORMATION/ HOMEOSTASIS/ HORMONES, physiology/ HYPOTHALAMO-HYPOPHYSEAL SYSTEM, immunology/ *IMMUNITY/ LYMPHOID TISSUE, immunology/ MOLECULAR BIOLOGY/ *NEUROHUMORS/ PITUITARY-ADRENAL SYSTEM/ PROTEINS, biosynthesis/ RABBITS/ RETICULOENDOTHELIAL SYSTEM, immunology/ REVIEW/ SOMATOTROPIN, physiology

4549. **Zegarelli EV, Kutscher AH, Mehrhof A:** Long-lasting lozenges with triamcinolone acetonide. Treatment of erosive lichen planus of oral mucosa. New York J Med 69:2463-4, 15 Sep 69
ADULT/ AGED/ DELAYED-ACTION PREPARATIONS/ FEMALE/ HUMAN/ *LICHEN PLANUS, drug therapy/ MALE/ MIDDLE AGE/ *MOUTH DISEASES, drug therapy/ *TRIAMCINOLONE ACETONIDE, therapeutic use

4550. **Zegaya M, Bouvier P, Chatonnet J:** Hormones cortico-surrénales et lactacidémie au cours de l'exposition au froid et du travail musculaire. J Physiol (Paris) 60:Suppl 2:572, 1968 (Fre)
*ADRENAL CORTEX HORMONES, physiology/ ADRENAL GLANDS, physiology/ ADRENALECTOMY/ ANIMAL EXPERIMENTS/ ARTERIES/ *COLD/ DOGS/ *EXERTION/ GLUCONEOGENESIS/ *LACTATES, blood/ OXYGEN, pharmacodynamics/ PYRUVATES, metabolism/ SHIVERING

4551. **Zeĭmlenok NA, Roĭkhel' VM, Gorbachkova EA:** Deĭstvie dl-19-nor-d-gomotestosterona na sistemy interferona i obshchiĭ sintez kletochnogo belka v kul'ture kletok. Biull Eksp Biol Med 67:76-9, Feb 69 (Rus)
ANIMAL EXPERIMENTS/ CHICK EMBRYO/ *FIBROBLASTS, drug effects/ FIBROBLASTS, immunology/ FIBROBLASTS, metabolism/ INFLUENZA, immunology/ *INTERFERON, biosynthesis/ *PROTEINS, biosynthesis/ *TESTOSTERONE/ TISSUE CULTURE

4552. **Zerobin K:** Ovulation, Ei- und Spermientransport. Schweiz Arch Tierheilk 111:305-21, Jun 69 (Ger)
ANIMAL EXPERIMENTS/ *CATTLE, physiology/ ENGLISH ABSTRACT/ FALLOPIAN TUBES, physiology/ FEMALE/ *HORSES, physiology/ INSEMINATION/ MALE/ OVULATION, drug effects/ *OVULATION, physiology/ *OVUM, physiology/ SEX HORMONES, pharmacodynamics/ *SHEEP, physiology/ *SPERMATOZOA, physiology/ *SWINE, physiology/ TIME FACTORS/ UTERUS, physiology

4553. **Zervas NT, Gordy PD:** Radiofrequency thermal hypophysectomy. Technical note. J Neurosurg 30:511-4, Apr 69
*ELECTRICITY/ ELECTRODES/ *HEAT/ HUMAN/ METHODS/ MONITORING SYSTEMS/ *PITUITARY GLAND, surgery/ POSTOPERATIVE COMPLICATIONS/ *STEREOTAXIC TECHNICS/ TEMPERATURE

4554. **Zervas NT, Pickren KS:** Transorbital hypophysectomy in primates. Endocrinology 85:949-51, Nov 69
ANIMAL EXPERIMENTS/ HEAT/ *HYPOPHYSECTOMY/ METHODS/ MONKEYS/ NEUROSECRETION/ ORBIT, surgery/ RADIO WAVES/ *SELLA TURCICA, surgery/ *STEREOTAXIC TECHNICS

4555. **Zeydler-Grzędzielewska L:** Wyniki obserwacji i leczenia krótkowzroczności i leczenia krótkowzroczności postępującej. Klin Oczna 39:397-405, 1969 (Pol)
ADOLESCENCE/ ADULT/ AGE FACTORS/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ HYDROCORTISONE, therapeutic use/ MALE/ MIDDLE AGE/ *MYOPIA, drug therapy/ *REFRACTIVE ERRORS, complications/ RETROSPECTIVE STUDIES

4556. **Zharov EI, Segal' RG:** Primenenie anabolicheskikh gormonov dlia lecheniia serdechno-sosudistykh bol'nykh. Kardiologiia 9:144-53, Jan 69 (98 ref.) (Rus)
ANABOLIC STEROIDS, pharmacodynamics/ *ANABOLIC STEROIDS, therapeutic use/ ANDROGENS/ ANIMAL EXPERIMENTS/ ANTICHOLESTEREMIC AGENTS, therapeutic use/ BUTYRATES, therapeutic use/ *CARDIOVASCULAR DISEASES, drug therapy/ CORONARY DISEASE, drug therapy/ CORONARY VESSELS, drug effects/ HEART, drug effects/ HEART CONDUCTION SYSTEM, drug effects/ HEART FAILURE, CONGESTIVE, drug therapy/ HUMAN/ HYDROXYMETHYLTESTOSTERONE, therapeutic use/ HYPERTENSION, drug therapy/ LIVER, drug effects/ LIVER DISEASES, drug therapy/ METHANDROSTENOLONE, therapeutic use/ METHENOLONE, therapeutic use/ METHYLTESTOSTERONE, pharmacodynamics/ MODELS, CHEMICAL/ MYOCARDIAL INFARCT, drug therapy/ NANDROLONE, pharmacodynamics/ NANDROLONE, therapeutic use/ NORETHANDROLONE, pharmacodynamics/ PROPIONATES/ REVIEW/ TESTOSTERONE, pharmacodynamics/ TESTOSTERONE, therapeutic use/ VASODILATOR AGENTS, therapeutic use/ WATER-ELECTROLYTE BALANCE, drug effects

4557. **Zheleznov BI, Bychkov VI, Vishnevskaia LG, et al:** K voprosu o gistofiziologii laichnikov plodov. Akush Ginek (Moskva) 43:40-5, Oct 67 (Rus)
FEMALE/ *FETUS, physiology/ GESTATIONAL AGE/ HISTOCYTOCHEMISTRY/ HUMAN/ MICROSCOPY, FLUORESCENCE/ *OVARY, embryology/ PREGNANCY

4558. **Zherebtsov LA:** Transfuzionnaia terapiia pri tsirrozakh pecheni. Probl Gematol 13:40-6, Nov 68 (Rus)
AGED/ *BLOOD TRANSFUSION/ ENGLISH ABSTRACT/ FEMALE/ HORMONES, therapeutic use/ HUMAN/ *LIVER CIRRHOSIS, therapy/ MALE/ MIDDLE AGE/ VITAMINS, therapeutic use

4559. **Zhizhina SA, Kliachko VR:** Ob ékskretsii éstrogenov u bol'nykh toksicheskim zobom s ginekomastieĭ. Probl Endokr (Moskva) 15:16-8, Mar-Apr 69 (Rus)
ADULT/ ENGLISH ABSTRACT/ ESTRADIOL, urine/ ESTRIOL, urine/ *ESTROGENS, urine/ ESTRONE, urine/ GOITER, complications/ *GOITER, urine/ GYNECOMASTIA, complications/ *GYNECOMASTIA, urine/ HUMAN/ *HYPERTHYROIDISM, urine/ MALE/ MIDDLE AGE

4560. **Zhukova NI:** Patomorfologicheskie izmeneniia serdechnoĭ myshtsy pri gipo- i atireozakh. Probl Endokr (Moskva) 13:92-6, May-Jun 67 (Rus)
ANIMAL EXPERIMENTS/ ENGLISH ABSTRACT/ *HYPOTHYROIDISM, pathology/ METHYLTHIOURACIL, pharmacodynamics/ *MYOCARDIUM, pathology/ RATS/ THYROID GLAND, drug effects/ *THYROIDECTOMY

4561. **Zieleźnik E, Sokolowska H, Zaręba J:** Osteogenesis imperfecta typu van der Hoeve u 8-letniej dziewczynki. Pol Tyg Lek 24:931, 16 Jun 69 (Pol)
CASE REPORT/ CHILD/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *OSTEOGENESIS IMPERFECTA

4562. **Ziemann H, Ludwig H:** Der Einfluss von Menrium auf das Vaginalzellbild bei Kastratinnen und die Beeinflussung von sogenann klimakterischen Beschwerden. Med Welt 28:1571-4, 12 Jul 69 (Ger)
AGED/ *CASTRATION/ CHLORDIAZEPOXIDE, therapeutic use/ EPITHELIUM, drug effects/ *ESTROGENIC SUBSTANCES, CONJUGATED, therapeutic use/ FEMALE/ GYNECOLOGIC DISEASES, drug therapy/ GYNECOLOGIC NEOPLASMS, radiotherapy/ GYNECOLOGIC NEOPLASMS, surgery/ HUMAN/ *MENOPAUSE/ MIDDLE AGE/ *VAGINA, drug effects/ VAGINAL SMEARS

4563. **Zimmermann E, Critchlow V:** Effects of intracerebral dexamethasone on pituitary-adrenal function in female rats. Amer J Physiol 217:392-6, Aug 69
ANIMAL EXPERIMENTS/ CIRCADIAN RHYTHM/ CORTICOSTERONE, blood/ *DEXAMETHASONE, pharmacodynamics/ FEEDBACK/ FEMALE/ HYPOTHALAMUS, drug effects/ *PITUITARY-ADRENAL SYSTEM, drug effects/ RATS/ STRESS

4564. **Zimmermann G:** Uber die Beobachtung eines Vierfachmalignoms. Krebsarzt 24:88-92, 1969 (Ger)
ADENOCARCINOMA, complications/ ADENOMA, complications/ AGED/ ENGLISH ABSTRACT/ HUMAN/ MALE/ *NEOPLASMS,

MULTIPLE PRIMARY, complications/ *NOSE NEOPLASMS, complications/ *PROSTATIC NEOPLASMS, complications/ SARCOMA, RETICULUM CELL, complications/ *TESTICULAR NEOPLASMS, complications/ *THYROID NEOPLASMS, complications

4565. **Zimprich H:** Klinische und biochemische Studien bei einer Patientin mit gemischter Gonadendysgenesise.
Wien Klin Wschr 81:475-8 passim, 20 Jun 69 (Ger)
ADOLESCENCE/ ADRENAL CORTEX HORMONES, blood/ ANDROSTERONE, blood/ BODY HEIGHT/ BONE DEVELOPMENT/ CHILD/ CLITORIS, abnormalities/ DEHYDROEPIANDROSTERONE, blood/ ETIOCHOLANOLONE, blood/ FEMALE/ HERMAPHRODITISM, blood/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, blood/ HYPOGONADISM, blood/ KARYOTYPING/ 17-KETOSTEROIDS, blood/ OVARY, abnormalities/ SEX CHROMOSOME ABNORMALITIES, blood/ TESTOSTERONE, blood/ *TURNER'S SYNDROME, blood

4566. **Ziolko HU:** Psychodynamische Aspekte bei oraler Kontrazeption.
Z Psychother Med Psychol 19:164-9, Jul 69 (Ger)
ADULT/ CONFLICT (PSYCHOLOGY)/ *CONTRACEPTIVES, ORAL, adverse effects/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ IDENTIFICATION (PSYCHOLOGY)/ *NEUROSES, chemically induced

4567. **Zizine L:** Action du diabète alloxanique sur la distribution de l'histamine 14C chez le rat.
C R Soc Biol (Paris) 162:1931-3, May 69 (Fre)
ADRENAL GLANDS, metabolism/ *ALLOXAN DIABETES, metabolism/ ANIMAL EXPERIMENTS/ BLOOD SUGAR/ BRAIN, metabolism/ CARBON ISOTOPES/ EDEMA, etiology/ *HISTAMINE, metabolism/ KIDNEY, metabolism/ LIVER, metabolism/ LUNG, metabolism/ MALE/ RATS

4568. **Zogbi F, Legrand JC, Desgrez P:** Synthèse in vitro de 18 hydroxy-corticostérone et d'aldostérone, par trois adénomes de la zone glomérulée surrénalienne (syndrome de Conn) II. Voies métaboliques.
Bull Soc Chim Biol (Paris) 51:321-6, 26 Jun 69 (Fre)
ADENOMA, metabolism/ ADRENAL GLAND NEOPLASMS, metabolism/ *ALDOSTERONE, biosynthesis/ CARBON ISOTOPES/ CORTICOSTERONE, metabolism/ DESOXYCORTICOSTERONE, metabolism/ ENGLISH ABSTRACT/ FUMARATES, metabolism/ GLUCOSEPHOSPHATE DEHYDROGENASE, metabolism/ HEXOSEPHOSPHATES, metabolism/ HUMAN/ *HYPERALDOSTERONISM, metabolism/ NADP, metabolism/ *PREGNANES, biosynthesis/ STEROLS, biosynthesis/ TRITIUM

4569. **Zöllner N, Schnelle K:** Fortgesetzte klinische Untersuchungen zur Frage der Toxizität langfristiger Gaben von Cyclamat bei Patienten mit Leber- und Nierenkrankheiten.
Arzneimittelforschung 19:913-20, Jun 69 (Ger)
ADULT/ AGED/ ALKALINE PHOSPHATASE, blood/ ASPARTATE AMINOTRANSFERASE, blood/ BILIRUBIN, blood/ BLOOD PROTEINS, analysis/ BLOOD UREA NITROGEN/ CHOLESTEROL, blood/ CREATININE, blood/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *KIDNEY DISEASES, physiopathology/ KIDNEY FUNCTION TESTS/ LIVER DISEASES, enzymology/ *LIVER DISEASES, physiopathology/ LIVER FUNCTION TESTS/ MALE/ MIDDLE AGE/ PLACEBOS/ PROTEIN-BOUND IODINE TEST/ SODIUM, administration & dosage/ SODIUM, toxicity/ SULFOBROMOPHTHALEIN, diagnostic use/ SWEETENING AGENTS, administration & dosage/ *SWEETENING AGENTS, toxicity/ THYROID GLAND, physiopathology/ UROBILIN, urine

4570. **Zosin C:** Actualităţi în nefrologie.
Med Intern (Bucur) 20:1421-30, Dec 68 (Rum)
ANGIOTENSIN, physiology/ ANTIBIOTICS, therapeutic use/ ANTILYMPHOCYTE SERUM, therapeutic use/ HEMODIALYSIS/ HUMAN/ IMMUNE SERUMS, therapeutic use/ IMMUNOSUPPRESSIVE AGENTS, therapeutic use/ INDOMETHACIN, therapeutic use/ KIDNEY, transplantation/ *KIDNEY DISEASES, therapy/ KIDNEY FAILURE, ACUTE, therapy/ LYMPHOCYTES/ RENIN, physiology/ REVIEW

4571. **Zotikova IN:** K voprosu ob éfferentnykh nervakh molochnoĭ zhelezy.
Fiziol Zh SSSR Sechenov 54:624-30, May 68 (Rus)
ANIMAL EXPERIMENTS/ DENERVATION/ ENGLISH ABSTRACT/ FEMALE/ LACTATION/ *MAMMAE, innervation/ MICE/ *NEURONS, physiology/ NEURONS, EFFERENT, physiology

4572. **Zriakov ON, Kurskiĭ MD:** Vplyv serotoninu na vklichennia P32 I hlitsynu-1-C14 v kyslotorozchynni nukleotydy mitokhondriĭ holovnoho mozku krolіv.
Ukr Biokhim Zh 40:549-52, 1968 (Ukr)
ANIMAL EXPERIMENTS/ BRAIN, drug effects/ *BRAIN, metabolism/ CARBON ISOTOPES/ CISTERNA MAGNA/ ENGLISH ABSTRACT/ GLYCINE, metabolism/ HYDROGEN-ION CONCENTRATION/ INJECTIONS/ INJECTIONS, INTRAVENOUS/ *MITOCHONDRIA, metabolism/ *NUCLEOTIDES, biosynthesis/ PHOSPHORUS, metabolism/ PHOSPHORUS ISOTOPES/ RABBITS/ *SEROTONIN, pharmacodynamics/ SOLUBILITY/ STIMULATION, CHEMICAL

4573. **Zürlin W:** Chromosomale Aberrationen und Psyche.
Bibl Psychiat Neurol 140:1-159, 1969 (999 ref.) (Ger)
ABNORMALITIES, familial & genetic/ ANEUPLOIDY/ AUTOSOME ABNORMALITIES/ *CHROMOSOME ABERRATIONS/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ KLINEFELTER'S SYNDROME/ MALE/ MENTAL DISORDERS, familial & genetic/ MONGOLISM/ MOSAICISM/ POLYPLOIDY/ REVIEW/ SEX CHROMOSOME ABNORMALITIES/ SOCIAL ADJUSTMENT/ SOCIAL BEHAVIOR/ TRISOMY/ TURNER'S SYNDROME

4574. **Zubov AP:** Lechenie bol'nykh infektsionnym nespetsificheskim poliartritom pirogenalom.
Sovet Med 31:55-8, Aug 68 (Rus)
ADOLESCENCE/ ADULT/ AGED/ *ARTHRITIS, RHEUMATOID, drug therapy/ CHLOROQUINE, therapeutic use/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ MALE/ MIDDLE AGE/ PREDNISOLONE, therapeutic use/ *PYROGENS, therapeutic use

4575. **Zubtsovskaia NN:** Izmenenie soderzhaniia 17-oksikortikosteroidov v plazme krovi u bol'nykh bronkhial'noĭ astmoĭ. Vrach Delo 1:58-61, Jan 67 (Rus)
ADOLESCENCE/ ADULT/ *ASTHMA, blood/ ASTHMA, drug therapy/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ *17-HYDROXYCORTICOSTEROIDS, blood/ MALE/ MIDDLE AGE/ PREDNISOLONE, therapeutic use

4576. **Zucchelli P, Biancacci A, Caudarella R:** Diabete insipido nefrogenico e sindrome di Gougerot-Sjögren.
G Clin Med 48:1234-51, Dec 67 (Ita)
ADULT/ BIOPSY/ *DIABETES INSIPIDUS, complications/ ENGLISH ABSTRACT/ FEMALE/ HUMAN/ KIDNEY DISEASES, diagnosis/ KIDNEY FUNCTION TESTS/ POLYURIA, complications/ *SJOGREN'S SYNDROME, complications/ WATER-ELECTROLYTE BALANCE

4577. **Zucker MB, Pert JH, Lundberg A, et al:** Preservation and clinical use of platelets.
Vox Sang 16:373-81, Apr 69
ACIDS/ ADENINE NUCLEOTIDES, metabolism/ BLOOD CELL COUNT/ *BLOOD PLATELETS/ *BLOOD PRESERVATION/ BLOOD TRANSFUSION/ CARBON ISOTOPES/ CENTRIFUGATION/ CHROMIUM ISOTOPES/ CITRATES/ GLUCOSE/ HEMORRHAGE, prevention & control/ HUMAN/ LEUKEMIA,

therapy/ PLATELET ADHESIVENESS/ SEROTONIN

4578. Zuckner J, Uddin J, Ramsey RH: Adrenal-pituitary relationships with prolonged low dosage steroid therapy in rheumatoid arthritis.
Missouri Med 66:849-53 passim, Aug 69
ADULT/ *ARTHRITIS, RHEUMATOID, drug therapy/ ASPIRIN, therapeutic use/ FEMALE/ HUMAN/ 17-HYDROXYCORTICOSTEROIDS, urine/ MALE/ MIDDLE AGE/ *PARAMETHASONE, therapeutic use/ PITUITARY-ADRENAL SYSTEM, drug effects/ PROPOXYPHENE, therapeutic use

4579. Zühlke V, Marchioro TL, Starzl TE: Experimental and clinical use of antilymphocytic serum in kidney transplantation.
Sborn Ved Prac Lek Fak Karlov Univ Suppl:469-76, 1965
ANIMAL EXPERIMENTS/ ANTIBODY FORMATION/ ANTILYMPHOCYTE SERUM, therapeutic use/ AZATHIOPRINE, therapeutic use/ DOGS/ HUMAN/ *IMMUNE SERUMS, therapeutic use/ *KIDNEY, transplantation/ *LYMPHOCYTES/ PREDNISONE, therapeutic use/ TRANSPLANTATION, HOMOLOGOUS/ TRANSPLANTATION IMMUNOLOGY

4580. Zülch KJ: Roentgen sensitivity of cerebral tumours and so-called late irradiation necrosis of the brain.
Acta Radiol [Ther] (Stockholm) 8:92-110, Feb-Apr 69
ADOLESCENCE/ ANIMAL EXPERIMENTS/ ASTROCYTOMA, radiotherapy/ *BRAIN NEOPLASMS, radiotherapy/ CHILD/ EPENDYMOMA, radiotherapy/ GANGLIONEUROMA, radiotherapy/ *GLIOBLASTOMA MULTIFORME, radiotherapy/ HUMAN/ MALE/ MEDULLOBLASTOMA, radiotherapy/ MENINGIOMA, radiotherapy/ MIDDLE AGE/ NECROSIS/ NEOPLASM METASTASIS, radiotherapy/ NEOPLASMS, RADIATION-INDUCED, occurrence/ NEURILEMMOMA, radiotherapy/ OLIGODENDROGLIOMA, radiotherapy/ PINEALOMA, radiotherapy/ RABBITS/ *RADIATION INJURY, occurrence

4581. Zutler AS: Funktsional'noe sostoianie simpatiko-adrenalovoĭ sistemy pri gipertonii u podrostkov. Sovet Med 31:48-52, Aug 68 (Rus)
ADOLESCENCE/ *ADRENAL GLANDS, physiopathology/ ENGLISH ABSTRACT/ EPINEPHRINE, urine/ HUMAN/ *HYPERTENSION, physiopathology/ NOREPINEPHRINE, urine/ *SYMPATHETIC NERVOUS SYSTEM, physiopathology

4582. Zyl A van, Theron C, Walt B van der: The preparation of bovine 19S thyroglobulin by agarose-gel filtration.
S Afr Med J 43:944-51, 2 Aug 69
AGAR/ CATTLE/ CHROMATOGRAPHY/ COMPARATIVE STUDY/ DOGS/ ELECTROPHORESIS/ *GEL FILTRATION/ MONKEYS/ PRECIPITATION/ STARCH/ SWINE/ *THYROGLOBULIN, isolation & purification/ ULTRACENTRIFUGATION

ANONYMOUS

Amer J Med
4583. Medullary carcinoma of the thyroid with hypocalcemia and diarrhea. Amer J Med 46:961-71, Jun 69
*CARCINOMA, pathology/ CASE REPORT/ *DIARRHEA, etiology/ DIARRHEA, pathology/ HUMAN/ *HYPOCALCEMIA, etiology/ HYPOCALCEMIA, pathology/ MALE/ MIDDLE AGE/ *THYROID NEOPLASMS, pathology

Ann Genet (Paris)
4584. Fréquence de la constitution XYY dans la population générale. Ann Genet (Paris) 11:245-6, Dec 68 (Fre)
ENGLISH ABSTRACT/ HUMAN/ MALE/ SEX CHROMOSOME ABNORMALITIES, diagnosis/ *SEX CHROMOSOME ABNORMALITIES, occurrence

Aust New Zeal J Obstet Gynaec
4585. Fetal growth retardation.
Aust New Zeal J Obstet Gynaec 9:75-81, May 69 (70 ref.)
ABORTION, THERAPEUTIC/ ADRENAL GLANDS, physiology/ AMNIOTIC FLUID, analysis/ ANOXIA, physiopathology/ BIRTH WEIGHT/ BLOOD COAGULATION DISORDERS/ CEREBRAL ANOXIA, complications/ CEREBRAL HEMORRHAGE, etiology/ ENDOSCOPY/ ESTRIOL, urine/ FEMALE/ *FETAL DISEASES/ FETAL DISEASES, diagnosis/ FETAL DISEASES, etiology/ FETAL DISEASES, occurrence/ *FETUS, growth & development/ FETUS, radiography/ GAMMA GLOBULIN, analysis/ GROWTH DISORDERS, diagnosis/ GROWTH DISORDERS, etiology/ GROWTH DISORDERS, occurrence/ HOSPITALIZATION/ HUMAN/ HYPOGLYCEMIA, complications/ LIVER, physiology/ MICROCEPHALY, etiology/ ORGAN WEIGHT/ PLACENTA, physiopathology/ PREGNANCY/ PREGNANCY COMPLICATIONS, therapy/ PREGNANCY COMPLICATIONS, INFECTIOUS/ PREGNANCY TOXEMIAS/ PROGNOSIS/ REVIEW

Biochem J
4586. IUPAC Commission on the Nomenclature of Organic Chemistry and IUPAC-IUB Commission on Biochemical Nomenclature. Revised tentative rules for nomenclature of steroids.
Biochem J 113:5-28, Jun 69
HETEROCYCLIC COMPOUNDS/ *NOMENCLATURE/ STEREOISOMERS/ *STEROIDS

Biochemistry (Wash)
4587. IUPAC-IUB revised tentative rules for nomenclature of steroids. Biochemistry (Wash) 8:2227-42, Jun 69
*NOMENCLATURE/ STEREOISOMERS/ *STEROIDS

Brit Med J
4588. Human placental lactogen. Brit Med J 3:668-9, 20 Sep 69
FEMALE/ HUMAN/ PLACENTA, physiology/ *PLACENTAL HORMONES, blood/ PLACENTAL LACTOGEN, blood/ PLACENTAL LACTOGEN, physiology/ PREGNANCY

4589. Hypertension in patients on regular dialysis.
Brit Med J 3:669-70, 20 Sep 69
EXTRACELLULAR SPACE/ *HEMODIALYSIS/ HUMAN/ HYPERTENSION, prevention & control/ *HYPERTENSION, therapy/ RENIN, blood/ WATER-ELECTROLYTE BALANCE

4590. Arterial clots and the pill. Brit Med J 3:488, 30 Aug 69
ARTERIES/ CEREBRAL EMBOLISM AND THROMBOSIS, chemically induced/ *CONTRACEPTIVES, ORAL, adverse effects/ ESTROGENS, adverse effects/ FEMALE/ HUMAN/ *THROMBOSIS, chemically induced

4591. Day wetting in boys. Brit Med J 3:428, 23 Aug 69
CHILD/ ELECTROTHERAPY/ HUMAN/ MALE/ PUBERTY/ *URETHRA, abnormalities/ *URINARY INCONTINENCE, etiology

4592. Management of primary and secondary hyperaldosteronism. Brit Med J 3:427-8, 23 Aug 69
*DIURETICS, therapeutic use/ HUMAN/ *HYPERALDOSTERONISM, drug therapy/ *SPIRONOLACTONE, therapeutic use

4593. Today's drugs. Brit Med J 3:285-7, 2 Aug 69
AMENORRHEA, drug therapy/ DIETHYLSTILBESTROL, therapeutic use/

ENDOMETRIOSIS, drug therapy/ ESTRADIOL, therapeutic use/ ESTROGENS, adverse effects/ *ESTROGENS, therapeutic use/ FEMALE/ HUMAN/ LACTATION, drug effects/ MALE/ MENOPAUSE/ MENORRHAGIA, drug therapy/ PROSTATIC NEOPLASMS, drug therapy

4594. Progestational agents. Brit Med J 1:344-6, 9 Aug 69
ABORTION, THREATENED, drug therapy/ BODY WEIGHT/ CONTRACEPTIVES, ORAL, administration & dosage/ DRUG SYNERGISM/ ENDOMETRIUM, drug effects/ ESTROGENS, adverse effects/ FEMALE/ FETUS, drug effects/ HUMAN/ HYDROXYPROGESTERONE, pharmacodynamics/ MENSTRUATION DISORDERS, drug therapy/ NANDROLONE, adverse effects/ OBESITY, chemically induced/ PREGNANCY/ PREMENSTRUAL TENSION, drug therapy/ PROGESTATIONAL HORMONES, administration & dosage/ PROGESTATIONAL HORMONES, adverse effects/ *PROGESTATIONAL HORMONES, therapeutic use/ PROGESTERONE, pharmacodynamics/ VIRILISM, chemically induced

4595. Prolonged labour. Brit Med J 1:315-6, 9 Aug 69
DELIVERY/ FEMALE/ FETAL MEMBRANES/ HUMAN/ INFANT, NEWBORN/ *LABOR COMPLICATIONS/ LABOR, INDUCED/ OXYTOCIN, administration & dosage/ PREGNANCY/ RUPTURE

4596. Accidental inhalation of talcum powder. Brit Med J 2:5-6, 4 Oct 69
ADRENAL CORTEX HORMONES, therapeutic use/ CHILD, PRESCHOOL/ HUMAN/ INFANT/ *RESPIRATORY TRACT DISEASES, chemically induced/ RESPIRATORY TRACT DISEASES, drug therapy/ RESPIRATORY TRACT DISEASES, pathology/ *TALC, poisoning

4597. Drugs acting on the uterus. I. Brit Med J 2:619-20, 7 Jun 69
ERGONOVINE, pharmacodynamics/ ESTROGENS, pharmacodynamics/ FEMALE/ HALOTHANE, pharmacodynamics/ HUMAN/ LABOR, INDUCED/ MUSCLE CONTRACTION, drug effects/ OXYTOCIN, pharmacodynamics/ PREGNANCY/ PROGESTERONE, pharmacodynamics/ QUININE, pharmacodynamics/ *UTERUS, drug effects

Cardiol Prat

4598. Apparato juxtaglomerulare renina, ipertensione renovascolare. Cardiol Prat 18:81-5, Dec 67 (Ita)
HUMAN/ *HYPERTENSION, RENAL/ *JUXTAGLOMERULAR APPARATUS, physiology/ *RENIN, secretion

Cent Afr J Med

4599. Ataxic neuropathy in Nigeria. Cent Afr J Med 15:169, Jul 69
ADOLESCENCE/ ADULT/ *ATAXIA/ CASSAVA/ CHILD/ HUMAN/ MIDDLE AGE/ MOVEMENT DISORDERS/ *NEUROLOGIC MANIFESTATIONS/ NIGERIA/ PARESTHESIA/ THIOCYANATES, blood/ VISION DISORDERS

Clin Ter

4600. Fattori umorali e motilità del colon. II. Enteramina, istamina, gastrina, ormoni silenti. Clin Ter 43:371-90, 30 Nov 67 (127 ref.) (Ita)
CHOLECYSTOKININ, pharmacodynamics/ *COLON, physiology/ GASTRIN, pharmacodynamics/ *GASTROINTESTINAL HORMONES, physiology/ *GASTROINTESTINAL MOTILITY, drug effects/ HISTAMINE, pharmacodynamics/ HUMAN/ PANCREOZYMIN, pharmacodynamics/ REVIEW/ SECRETIN, pharmacodynamics/ SEROTONIN, pharmacodynamics

Drug Ther Bull

4601. Oral contraceptives, surgery and prolonged bed rest. Drug Ther Bull 7:45-6, 6 Jun 69
ADULT/ ANTICOAGULANTS, therapeutic use/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ MIDDLE AGE/ *POSTOPERATIVE COMPLICATIONS/ REST/ *THROMBOEMBOLISM, chemically induced/ THROMBOEMBOLISM, prevention & control

Food Cosmet Toxic

4602. More clues in the cadmium and zinc puzzle. Food Cosmet Toxic 6:523-7, Dec 68
AMYLOIDOSIS, chemically induced/ ANIMAL EXPERIMENTS/ BLOOD PRESSURE, drug effects/ CADMIUM/ CADMIUM, metabolism/ *CADMIUM, pharmacodynamics/ CATTLE/ CENTRAL NERVOUS SYSTEM, drug effects/ COPPER, pharmacodynamics/ DIET/ DOGS/ ENVIRONMENTAL EXPOSURE/ HYPERTENSION, chemically induced/ RABBITS/ RADIOISOTOPES/ RATS/ REVIEW/ TESTIS, drug effects/ ZINC/ ZINC, metabolism/ *ZINC, pharmacodynamics

Helv Med Acta

4603. Die Therapie der Thyreotoxikose. Helv Med Acta Suppl 48:63+, May 68 (Ger)
ADENOMA, therapy/ GOITER, EXOPHTHALMIC, therapy/ HUMAN/ HYPERTHYROIDISM, drug therapy/ HYPERTHYROIDISM, surgery/ *HYPERTHYROIDISM, therapy/ IODINE, therapeutic use/ IODINE ISOTOPES, administration & dosage/ IODINE ISOTOPES, therapeutic use/ PERCHLORIC ACIDS, therapeutic use/ THIOURACIL, therapeutic use/ THYROGLOBULIN, therapeutic use/ THYROID NEOPLASMS, therapy/ THYROIDECTOMY

Hoppe Seyler Z Physiol Chem

4604. Glykosaminoglykane und Glykoproteine. 3. Funktion. Hoppe Seyler Z Physiol Chem 350:672-5, Jun 69 (Ger)
ANTIGENS/ FACTOR XII/ GLYCOPROTEINS/ GONADOTROPINS, CHORIONIC/ HEXOSAMINES/ INFLUENZA VIRUSES, enzymology/ MUSCLE, SMOOTH/ *NEURAMINIC ACIDS/ NEURAMINIDASE/ NEWCASTLE DISEASE VIRUS, enzymology/ RECEPTORS, DRUG/ SEROTONIN

J Tenn Med Ass

4605. Parathyroid adenoma. J Tenn Med Ass 62:830-3, Sep 69
*ADENOMA, diagnosis/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ MIDDLE AGE/ NEPHROCALCINOSIS, complications/ *PARATHYROID NEOPLASMS, diagnosis

JAMA

4606. Corticosteroids and adrenal function. JAMA 209:1713, 15 Sep 69
*ADRENAL CORTEX HORMONES, pharmacodynamics/ *ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, secretion/ BETAMETHASONE, pharmacodynamics/ HUMAN/ HYDROCORTISONE, blood/ 17-HYDROXYCORTICOSTEROIDS, urine/ TRIAMCINOLONE ACETONIDE, pharmacodynamics

4607. The treatment of Paget's disease of bone. Hobson's choice? JAMA 209:1354-7, 1 Sep 69
ADRENAL CORTEX HORMONES, therapeutic use/ BONE RESORPTION, drug therapy/ CALCIUM, blood/ FEMALE/ FLUORIDES, therapeutic use/ HUMAN/ MALABSORPTION SYNDROMES, complications/ MIDDLE AGE/ OSTEITIS DEFORMANS, complications/ *OSTEITIS DEFORMANS, drug therapy/ OSTEITIS DEFORMANS, familial & genetic/ PAIN, drug therapy/ PELVIS, radiography/ PHOSPHATES, therapeutic use/ SALICYLATES, therapeutic use/ SODIUM, therapeutic use/ THYROCALCITONIN, therapeutic use

4608. Tertiary hyperparathyroidism after renal transplantation. JAMA 209:2048, 29 Sep 69
HUMAN/ HYPERCALCEMIA, etiology/ *HYPERPARATHYROIDISM, etiology/ HYPERPARATHYROIDISM, surgery/ *KIDNEY, transplantation/ POSTOPERATIVE

COMPLICATIONS/ TRANSPLANTATION, HOMOLOGOUS

Jap J Clin Med

4609. [Case suspected to be the early stage of Schmidt's syndrome] Jap J Clin Med 27:645-60, Mar 69 (Jap)
*ADDISON'S DISEASE, complications/ ADULT/ AUTOIMMUNE DISEASES, complications/ CASE REPORT/ FEMALE/ HUMAN/ *THYROIDITIS, LYMPHOMATOUS, complications

Katilolehti

4610. Aidin valmentaminen rintaruokintaan. Katilolehti 74:308-11, Jul-Aug 69 (Fin)
BREAST FEEDING/ LACTATION/ SPECIAL LIST NURSING

Lakartidningen

4611. Kliniska konferenser: Hypotyreos. Lakartidningen 66:2982-7, Jul 69 (Swe)
ADOLESCENCE/ DEAFNESS, congenital/ DEAFNESS, metabolism/ HUMAN/ HYPOTHYROIDISM, complications/ *HYPOTHYROIDISM, etiology/ HYPOTHYROIDISM, metabolism/ MALE/ MIDDLE AGE/ SCHIZOPHRENIA, complications

Lancet

4612. Teratology. Lancet 2:530, 6 Sep 69
*ABNORMALITIES, etiology/ ABNORMALITIES, history/ ABNORMALITIES, DRUG-INDUCED/ AMPHIBIA/ ANIMAL EXPERIMENTS/ CHICK EMBRYO/ EMBRYO, drug effects/ FEMALE/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 19TH CENT./ HISTORY OF MEDICINE, 20TH CENT./ HUMAN/ MATERNAL-FETAL EXCHANGE/ MICE/ PLACENTA, physiology/ PREGNANCY/ PRIMATES/ RABBITS/ RATS/ THALIDOMIDE, adverse effects

4613. Effect of oral contraceptives on serum lipids and lipoproteins. Lancet 2:256-7, 2 Aug 69
*CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ *LIPIDS, blood/ *LIPOPROTEINS, blood

4614. The ankle-jerk and thyroid activity. Lancet 2:257-8, 2 Aug 69
*ACHILLES TENDON, physiology/ HUMAN/ *REFLEX, TENDON/ THYROID DISEASES, diagnosis/ *THYROID GLAND FUNCTION TESTS

4615. Metabolic effects of oral contraceptives. Lancet 2:783-4, 11 Oct 69
ARTERIOSCLEROSIS, chemically induced/ CONTRACEPTIVES, ORAL, adverse effects/ *CONTRACEPTIVES, ORAL, pharmacodynamics/ DIABETES MELLITUS, chemically induced/ ESTROGENS, pharmacodynamics/ FEMALE/ HUMAN/ *METABOLISM, drug effects/ PROGESTATIONAL HORMONES, pharmacodynamics/ VASCULAR DISEASES, chemically induced

4616. A shifting curve. Lancet 2:784-6, 11 Oct 69
ANIMAL EXPERIMENTS/ BLOOD PRESERVATION/ ERYTHROCYTES, analysis/ HEART DISEASES, blood/ *HEMOGLOBIN, metabolism/ HUMAN/ LUNG DISEASES, blood/ *OXYGEN, blood/ PHOSPHATES, blood/ *PHOSPHATES, pharmacodynamics/ THYROID HORMONES, pharmacodynamics

4617. Oophorectomy in postmenopausal women with breast cancer. Lancet 2:366, 16 Aug 69
*BREAST NEOPLASMS, surgery/ *CASTRATION/ ESTRADIOL, secretion/ FEMALE/ HUMAN/ MENOPAUSE/ OVARY, secretion

4618. Pituitary destruction for diabetic retinopathy. Lancet 2:415-6, 23 Aug 69
*DIABETIC RETINOPATHY, surgery/ HUMAN/ *HYPOPHYSECTOMY/ HYPOPHYSECTOMY, adverse effects/ PITUITARY GLAND IRRADIATION/ YTTRIUM ISOTOPES

4619. Oral contraceptives and prophylaxis of thromboembolism. Lancet 2:419-20, 23 Aug 69
ABO FACTORS/ *CONTRACEPTIVES, ORAL, adverse effects/ FEMALE/ HUMAN/ THROMBOEMBOLISM, chemically induced/ *THROMBOEMBOLISM, prevention & control

Med J Aust

4620. Thrombo-embolism and the pill. Med J Aust 2:67-8, 12 Jul 69
BLOOD GROUPS/ BODY WEIGHT, drug effects/ CEREBRAL EMBOLISM AND THROMBOSIS, chemically induced/ *CONTRACEPTIVES, ORAL, adverse effects/ CORONARY DISEASE, chemically induced/ FEMALE/ HUMAN/ PULMONARY EMBOLISM, chemically induced/ *THROMBOEMBOLISM, chemically induced/ THROMBOPHLEBITIS, chemically induced

Med Klin

4621. Welche Diagnose würden Sie stellen? Med Klin 64:1365 passim, 25 Jul 69 (Ger)
ADRENAL GLAND NEOPLASMS, diagnosis/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ INFANT/ INTESTINAL NEOPLASMS, diagnosis/ KIDNEY NEOPLASMS, diagnosis/ MALE/ NEOPLASMS/ NEPHROBLASTOMA, diagnosis/ *NEUROBLASTOMA, diagnosis/ PANCREATIC NEOPLASMS, diagnosis/ *SYMPATHETIC NERVOUS SYSTEM/ TERATOID TUMOR, diagnosis

4622. Welche Diagnose würden Sie stellen? Med Klin 64:1245 passim, 4 Jul 69 (Ger)
AGED/ DERMOID CYST, radiography/ DIAGNOSIS, DIFFERENTIAL/ FEMALE/ HUMAN/ *MYOMA, radiography/ OVARIAN CYSTS, radiography/ *UTERINE NEOPLASMS, radiography

Med Lett Drugs Ther

4623. Fluoridated water, hemodialysis, and renal disease. Med Lett Drugs Ther 11:67-8, 8 Aug 69
CALCIUM, blood/ CALCIUM, therapeutic use/ FEMALE/ *FLUORIDATION/ *FLUORIDES, adverse effects/ *HEMODIALYSIS, adverse effects/ HUMAN/ *KIDNEY DISEASES, etiology/ KIDNEY FAILURE, CHRONIC, complications/ KIDNEY FAILURE, CHRONIC, therapy/ MIDDLE AGE/ OSTEOPOROSIS, occurrence/ PHOSPHORUS, blood/ PHOSPHORUS, therapeutic use/ VITAMIN D, therapeutic use/ WATER SUPPLY

4624. Betamethasone valerate ointment (Valisone). Med Lett Drugs Ther 11:76, 5 Sep 69
*BETAMETHASONE, therapeutic use/ COMPARATIVE STUDY/ ECZEMA, drug therapy/ FLUOCINOLONE ACETONIDE, therapeutic use/ HUMAN/ OINTMENTS/ PSORIASIS, drug therapy/ VALERATES, therapeutic use

New Eng J Med

4625. Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 38-1969. New Eng J Med 281:666-75, 18 Sep 69
ADOLESCENCE/ BLOOD COAGULATION DISORDERS, diagnosis/ *BLOOD COAGULATION DISORDERS, pathology/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ HUMAN/ KIDNEY, pathology/ KIDNEY GLOMERULUS, pathology/ KLEBSIELLA INFECTIONS, pathology/ MALE/ MUSCLES, pathology/ *MYOCARDITIS, pathology/ MYOCARDIUM, pathology/ PNEUMONIA, VIRAL, diagnosis/ *PNEUMONIA, VIRAL, pathology/ SKIN, pathology/ TESTIS, pathology

4626. Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 40-1969. New Eng J Med 281:783-91, 2 Oct 69
ADRENAL GLANDS, pathology/ ALKALOSIS, etiology/ *CALCINOSIS, pathology/ CASE REPORT/ *CYSTS, pathology/ DIAGNOSIS,

DIFFERENTIAL/ FEMALE/ GASTRIC MUCOSA, pathology/ GOITER, pathology/ HUMAN/ HYPERCALCEMIA, etiology/ HYPERPARATHYROIDISM, diagnosis/ *HYPERPARATHYROIDISM, pathology/ HYPERPLASIA/ KIDNEY, pathology/ LUNG, pathology/ MIDDLE AGE/ NEPHROSCLEROSIS, pathology/ *PARATHYROID DISEASES, pathology/ PARATHYROID GLANDS, pathology/ *POSTOPERATIVE COMPLICATIONS/ *RETINAL DETACHMENT, surgery/ THYROID GLAND, pathology

4627. Medical treatment of Cushing's disease.
New Eng J Med 281:846-7, 9 Oct 69
ADRENAL GLANDS, drug effects/ ADRENAL GLANDS, secretion/ ADRENOGENITAL SYNDROME, drug therapy/ ALDOSTERONE, secretion/ ANIMAL EXPERIMENTS/ *CUSHING'S SYNDROME, drug therapy/ DDD, administration & dosage/ DDD, adverse effects/ *DDD, therapeutic use/ DOGS/ HUMAN/ HYDROCORTISONE, secretion

Nutr Rev

4628. Dietary iodine and goiter in Ceylon.
Nutr Rev 27:108-10, Apr 69 (7 ref.)
ANIMAL EXPERIMENTS/ CATTLE/ CEYLON/ COOKERY/ *DIET/ DRUG STABILITY/ FEMALE/ FOOD ANALYSIS/ *GOITER, etiology/ GOITER, ENDEMIC, etiology/ HUMAN/ *IODINE/ IODINE, analysis/ NUTRITION SURVEYS/ NUTRITIONAL REQUIREMENTS/ PERIODIC ACIDS/ RATS/ REVIEW/ WATER SUPPLY, analysis

Pat Fiziol Eksp Ter

4629. Akademik An USSR V. P. Komissarenko (k 60-letiiu so dnia rozhdeniia)
Pat Fiziol Eksp Ter 11:93-4, Mar-Apr 67 (Rus)
CURRENT BIOG-OBIT/ ENDOCRINOLOGY, history/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 20TH CENT./ PATHOLOGY, history/ PHYSIOLOGY, history/ UKRAINE

Pediatrics

4630. Prevention, diagnosis, and treatment of lead poisoning in childhood. Pediatrics 44:291-8, Aug 69
ADRENAL CORTEX HORMONES, therapeutic use/ CHILD/ CHILD, PRESCHOOL/ DIMERCAPROL, therapeutic use/ EDTA, therapeutic use/ ENVIRONMENT/ HUMAN/ LEAD, blood/ LEAD, metabolism/ LEAD, urine/ *LEAD POISONING, diagnosis/ *LEAD POISONING, prevention & control/ *LEAD POISONING, therapy/ PENICILLAMINE, therapeutic use/ PICA

Practitioner

4631. An antibacterial-corticosteroid skin preparation.
Practitioner 203:360-2, Sep 69
ADOLESCENCE/ ADULT/ AGED/ *ANTI-INFECTIVE AGENTS, LOCAL, administration & dosage/ CHILD/ CHILD, PRESCHOOL/ CLINICAL RESEARCH/ COMPARATIVE STUDY/ ECZEMA, drug therapy/ FEMALE/ *FLURANDRENOLONE, administration & dosage/ HUMAN/ INFANT/ INFANT, NEWBORN/ *IODOCHLORHYDROXYQUIN, administration & dosage/ MALE/ MIDDLE AGE/ NEURODERMATITIS, drug therapy/ *SKIN DISEASES, drug therapy

Probl Endokr (Moskva)

4632. Semen Grigor'evich Genes.
Probl Endokr (Moskva) 14:118-9, Nov-Dec 68 (Rus)
CURRENT BIOG-OBIT/ ENDOCRINOLOGY, history/ HISTORICAL ARTICLE/ HISTORY OF MEDICINE, 19TH CENT./ HISTORY OF MEDICINE, 20TH CENT./ USSR

Radiol Health Data Rep

4633. Strontium-90 in human bone, July-September 1968.
Radiol Health Data Rep 10:405-7, Sep 69
ADOLESCENCE/ ADULT/ AGE FACTORS/ *BONE AND BONES/ CHILD/ CHILD, PRESCHOOL/ HUMAN/ *RADIATION MONITORING/ *STRONTIUM ISOTOPES/ UNITED STATES

4634. Strontium-90 in human bone, April-June 1968.
Radiol Health Data Rep 10:322-4, Jul 69
ADOLESCENCE/ ADULT/ *BONE AND BONES, analysis/ CHILD/ CHILD, PRESCHOOL/ FEMALE/ HUMAN/ MALE/ *RADIATION MONITORING/ *STRONTIUM ISOTOPES, analysis/ UNITED STATES

Rev Clin Esp

4635. Corticoesteroides en el tratamiento del asma crónico.
Rev Clin Esp 107:374-5, 15 Dec 67 (Spa)
ADULT/ *ASTHMA, drug therapy/ CHRONIC DISEASE/ *GLUCOCORTICOIDS, therapeutic use/ HUMAN/ PREDNISOLONE, therapeutic use

4636. La arteriografía del feocromocitoma.
Rev Clin Esp 113:541-2, 30 Jun 69 (Spa)
*ANGIOGRAPHY/ HUMAN/ *NEOPLASMS, VASCULAR TISSUE, radiography/ *PHEOCHROMOCYTOMA, radiography

4637. La embolización tumoral en los pulmones.
Rev Clin Esp 113:540-1, 30 Jun 69 (Spa)
*BREAST NEOPLASMS, complications/ *CARCINOMA, complications/ *CHORIOCARCINOMA, complications/ FEMALE/ *HEPATOMA, complications/ HUMAN/ *LUNG NEOPLASMS, complications/ *PULMONARY EMBOLISM, complications/ RATS/ *STOMACH NEOPLASMS, complications

4638. Hipermineralocorticoidismo.
Rev Clin Esp 113:463-4, 15 Jun 69 (Spa)
*ALDOSTERONE, secretion/ *CORTICOSTERONE, secretion/ *DESOXYCORTICOSTERONE, secretion

4639. Actuación sobre la hipófisis en el tratamiento de la retinopatía diabética.
Rev Clin Esp 111:448-9, 30 Nov 68 (Spa)
*DIABETIC RETINOPATHY, surgery/ HUMAN/ *HYPOPHYSECTOMY/ PITUITARY GLAND

4640. Síndrome de Sipple.
Rev Clin Esp 113:185-6, 30 Apr 69 (Spa)
HUMAN/ *PHEOCHROMOCYTOMA, complications/ *SPINAL NEOPLASMS, complications/ *THYROID NEOPLASMS, complications

Virginia Med Monthly

4641. Addison's disease, fever, hepatosplenomegaly, and pleuropericardial effusions.
Virginia Med Monthly 96:321-30, Jun 69
ADDISON'S DISEASE, diagnosis/ *ADDISON'S DISEASE, pathology/ ADRENAL GLAND DISEASES, diagnosis/ *ADRENAL GLAND DISEASES, pathology/ ADULT/ ATROPHY/ CASE REPORT/ DIAGNOSIS, DIFFERENTIAL/ DUODENAL ULCER, pathology/ FEMALE/ FEVER/ *HEPATOMEGALY, diagnosis/ HUMAN/ PANCREATIC NEOPLASMS, pathology/ PEPTIC ULCER PERFORATION, pathology/ *PERICARDIAL EFFUSION, diagnosis/ *PLEURAL EFFUSION, diagnosis/ PULMONARY EMBOLISM, pathology/ SARCOMA, RETICULUM CELL, pathology/ *SPLENOMEGALY, diagnosis

Wisconsin Med J

4642. Cushing's disease. Wisconsin Med J 68:237-43, Jul 69
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